

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022419.D
 Acq On : 23 May 2025 21:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025

Quant Time: May 24 01:10:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	190406	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	328619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	137202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	114261	54.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.820%			
35) Dibromofluoromethane	7.646	113	110381	56.277	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.560%			
50) Toluene-d8	10.115	98	433174	53.924	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.840%			
62) 4-Bromofluorobenzene	12.414	95	128293	50.386	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	97241	48.943	ug/l	98
3) Chloromethane	2.068	50	244767	58.565	ug/l	98
4) Vinyl Chloride	2.208	62	297443	63.701	ug/l	98
5) Bromomethane	2.598	94	279236	73.461	ug/l	98
6) Chloroethane	2.739	64	189182	65.125	ug/l	98
7) Trichlorofluoromethane	3.062	101	242448	51.284	ug/l	99
8) Diethyl Ether	3.464	74	63939	56.356	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.824	101	112981	55.049	ug/l	99
10) Methyl Iodide	4.013	142	141238	59.458	ug/l	99
11) Tert butyl alcohol	4.891	59	39950	251.401	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	111084	54.541	ug/l	97
13) Acrolein	3.665	56	23395	100.705	ug/l	99
14) Allyl chloride	4.397	41	165922	46.461	ug/l	91
15) Acrylonitrile	5.074	53	128620	275.131	ug/l	98
16) Acetone	3.885	43	91985	235.742	ug/l	95
17) Carbon Disulfide	4.116	76	341960	51.488	ug/l	99
18) Methyl Acetate	4.397	43	67406	54.790	ug/l	93
19) Methyl tert-butyl Ether	5.128	73	312193	55.592	ug/l	96
20) Methylene Chloride	4.629	84	126923	50.340	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	124007	55.161	ug/l	94
22) Diisopropyl ether	6.031	45	383549	50.858	ug/l	98
23) Vinyl Acetate	5.970	43	1119820	245.783	ug/l	97
24) 1,1-Dichloroethane	5.927	63	230248	54.648	ug/l	98
25) 2-Butanone	6.903	43	160434	245.808	ug/l	98
26) 2,2-Dichloropropane	6.896	77	187644	50.072	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	147625	56.905	ug/l	95
28) Bromochloromethane	7.256	49	96996	53.972	ug/l	95
29) Tetrahydrofuran	7.274	42	107064	254.973	ug/l	91
30) Chloroform	7.433	83	228513	56.544	ug/l	96
31) Cyclohexane	7.707	56	200686	47.672	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	203180	54.799	ug/l	98
36) 1,1-Dichloropropene	7.841	75	168154	52.050	ug/l	98
37) Ethyl Acetate	6.994	43	76865	49.449	ug/l	97
38) Carbon Tetrachloride	7.829	117	176086	52.656	ug/l	96
39) Methylcyclohexane	9.116	83	223441	51.480	ug/l	97
40) Benzene	8.085	78	517497	54.034	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	45714m	44.335	ug/l	
42) 1,2-Dichloroethane	8.165	62	138825	53.602	ug/l	99
43) Isopropyl Acetate	8.207	43	165490	48.817	ug/l	96
44) Trichloroethene	8.872	130	126129	52.965	ug/l	91
45) 1,2-Dichloropropane	9.152	63	122566	53.082	ug/l	98
46) Dibromomethane	9.237	93	68525	55.024	ug/l	99
47) Bromodichloromethane	9.433	83	176471	54.621	ug/l	100
48) Methyl methacrylate	9.225	41	75659	47.724	ug/l	91
49) 1,4-Dioxane	9.237	88	15134	1075.695	ug/l	93
51) 4-Methyl-2-Pentanone	10.006	43	418622	251.669	ug/l	97
52) Toluene	10.176	92	321553	53.021	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	159576	50.611	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	186733	51.692	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	87255	54.714	ug/l	99
56) Ethyl methacrylate	10.445	69	131927	53.108	ug/l	94
57) 1,3-Dichloropropane	10.725	76	154902	54.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	318247	285.424	ug/l	97
59) 2-Hexanone	10.768	43	276044	247.514	ug/l	96
60) Dibromochloromethane	10.920	129	114120	55.133	ug/l	98
61) 1,2-Dibromoethane	11.024	107	83207	55.980	ug/l	100
64) Tetrachloroethene	10.652	164	131639	49.735	ug/l	98
65) Chlorobenzene	11.451	112	346274	53.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	118210	53.225	ug/l	99
67) Ethyl Benzene	11.524	91	630753	52.133	ug/l	98
68) m/p-Xylenes	11.633	106	473349	103.825	ug/l	99
69) o-Xylene	11.963	106	225904	52.372	ug/l	97
70) Styrene	11.975	104	384747	52.878	ug/l	98
71) Bromoform	12.139	173	62980	52.537	ug/l #	97
73) Isopropylbenzene	12.261	105	595326	52.375	ug/l	99
74) N-amyl acetate	12.078	43	150966	46.439	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	96773	55.360	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	68908m	49.574	ug/l	
77) Bromobenzene	12.536	156	126529	52.120	ug/l	98
78) n-propylbenzene	12.603	91	713535	52.044	ug/l	100
79) 2-Chlorotoluene	12.682	91	382566	50.777	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	466319	50.822	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	30774	44.849	ug/l	99
82) 4-Chlorotoluene	12.780	91	389835	50.304	ug/l	98
83) tert-Butylbenzene	13.005	119	430259	52.759	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	463785	50.919	ug/l	98
85) sec-Butylbenzene	13.182	105	632397	52.239	ug/l	100
86) p-Isopropyltoluene	13.298	119	528265	51.884	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	259203	52.302	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	249302	52.297	ug/l	99
89) n-Butylbenzene	13.621	91	490497	50.922	ug/l	100
90) Hexachloroethane	13.883	117	105863	51.508	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	220789	53.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14395	51.067	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	124032	51.582	ug/l	96
94) Hexachlorobutadiene	15.029	225	64868	48.374	ug/l	98
95) Naphthalene	15.151	128	237995	52.156	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	104147	51.056	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

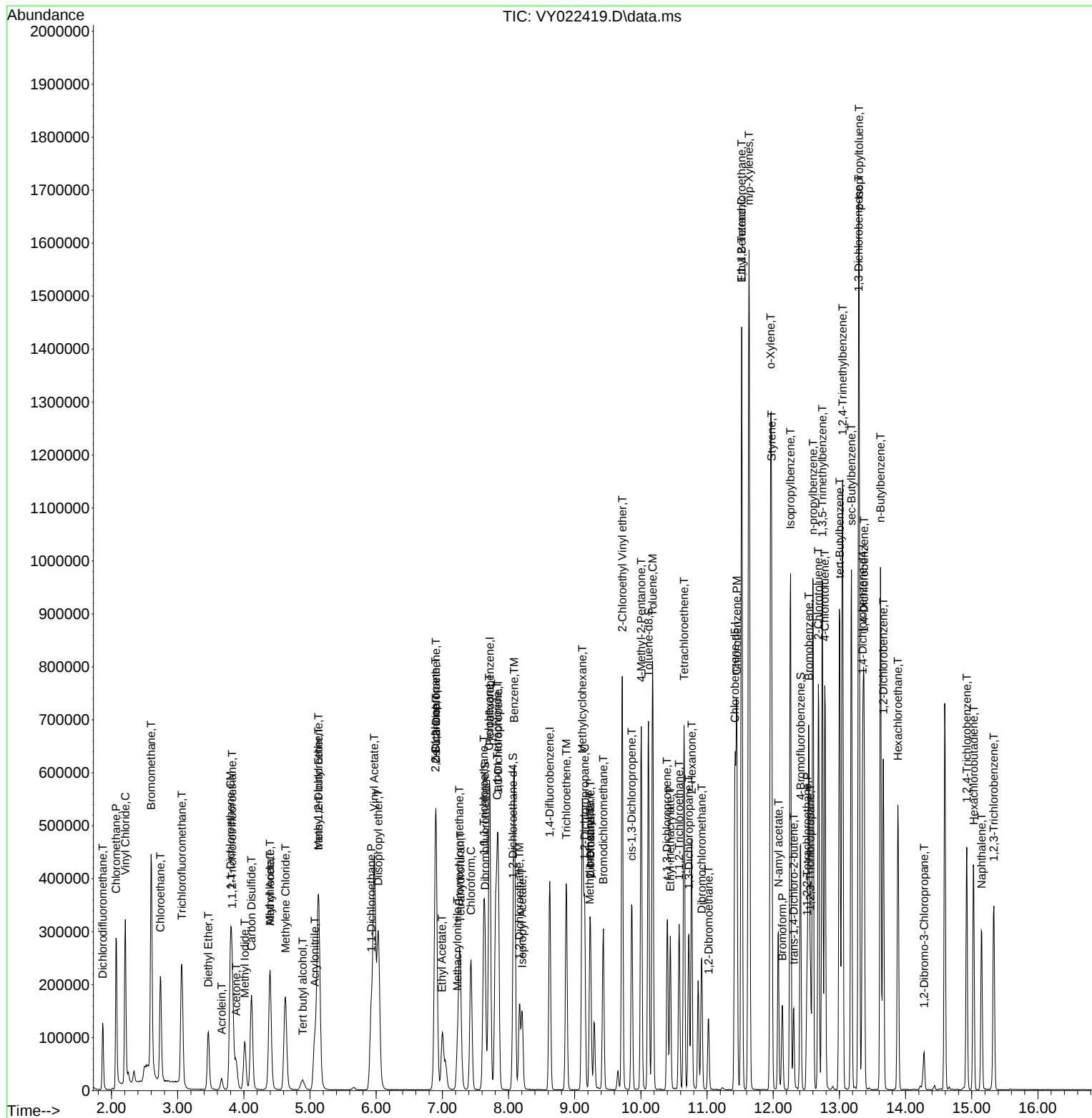
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
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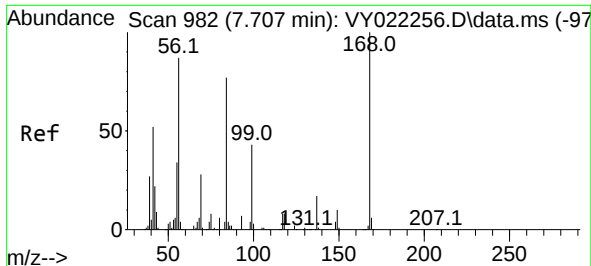
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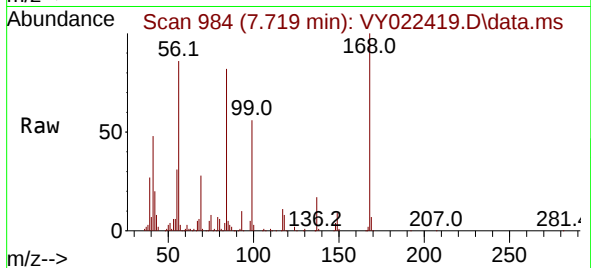
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

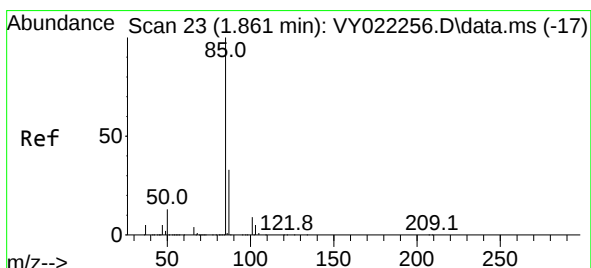
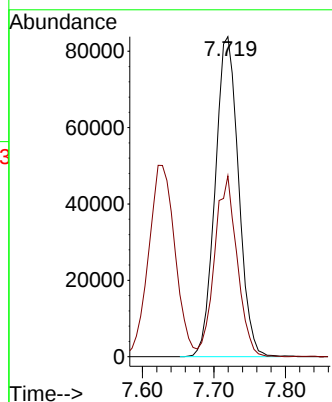
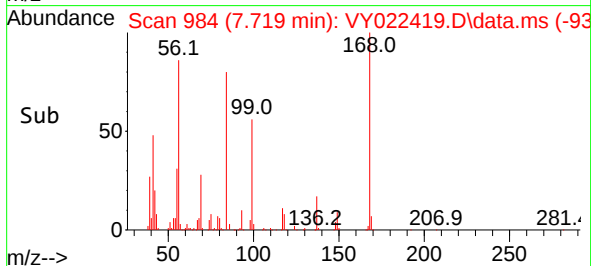
Instrument :
MSVOA_Y
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VSTDCCC050EC



Tgt Ion:168 Resp: 190400
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4

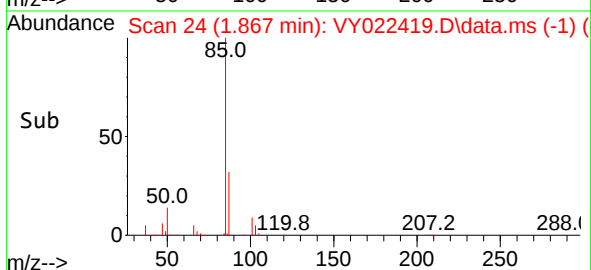
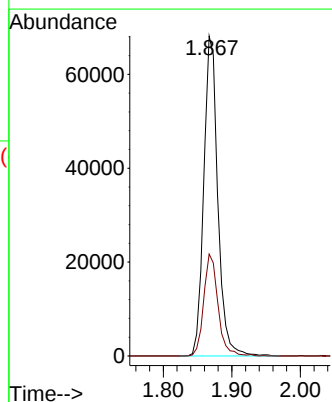
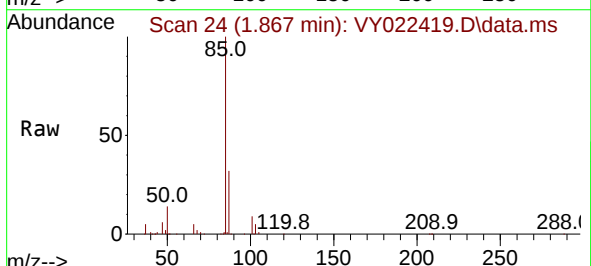
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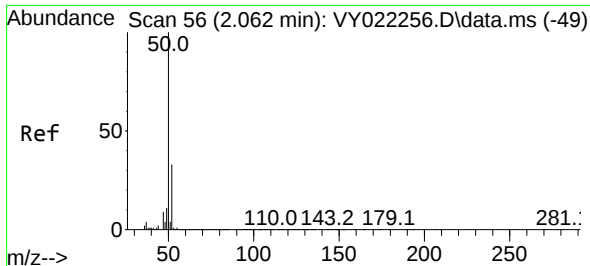
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#2
Dichlorodifluoromethane
Concen: 48.943 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

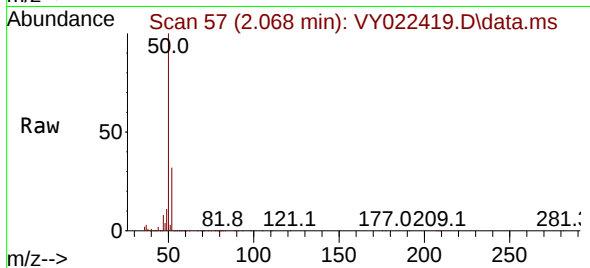
Tgt Ion: 85 Resp: 97241
Ion Ratio Lower Upper
85 100
87 31.8 16.5 49.5





#3
Chloromethane
Concen: 58.565 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

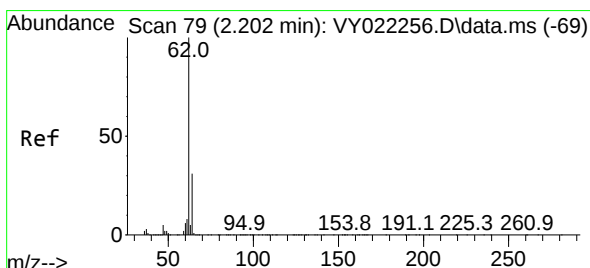
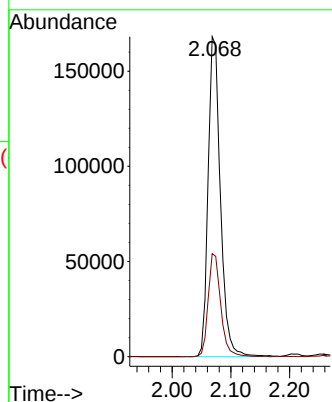
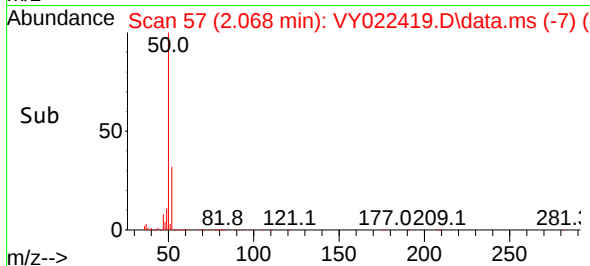
Instrument :
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Tgt Ion: 50 Resp: 24476
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

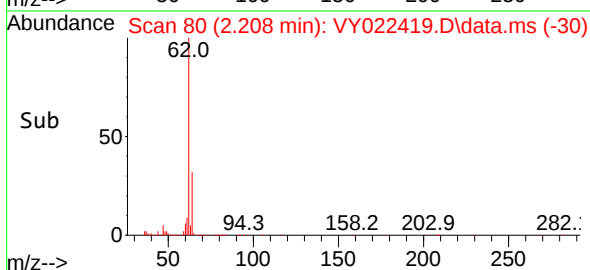
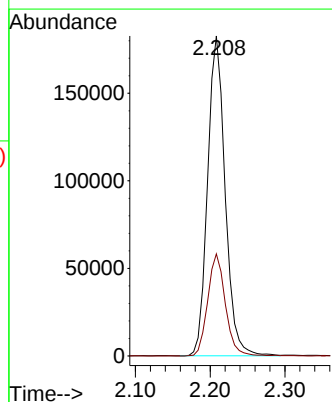
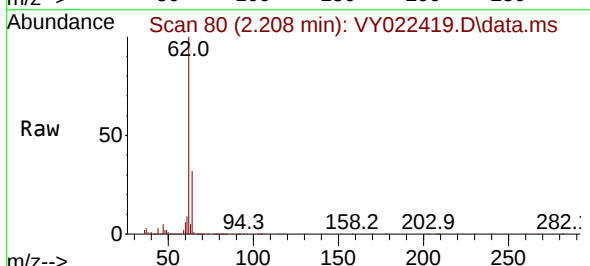
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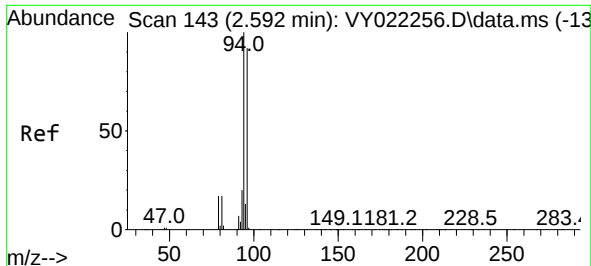
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#4
Vinyl Chloride
Concen: 63.701 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

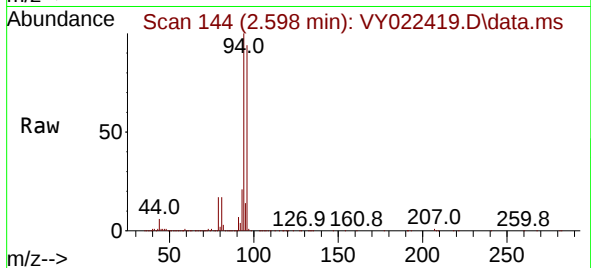
Tgt Ion: 62 Resp: 297443
Ion Ratio Lower Upper
62 100
64 31.9 24.5 36.7





#5
Bromomethane
Concen: 73.461 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

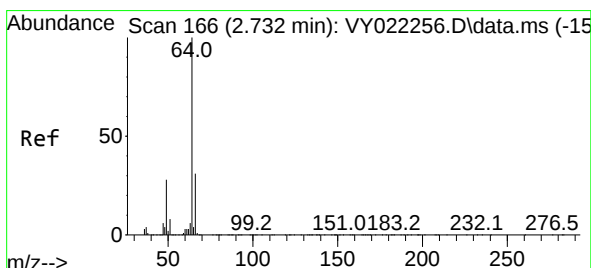
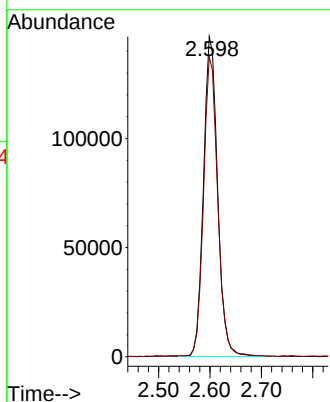
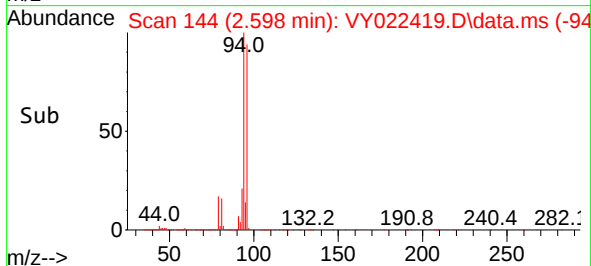
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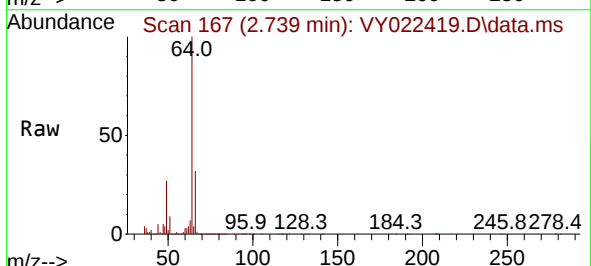
Tgt Ion: 94 Resp: 279230
Ion Ratio Lower Upper
94 100
96 93.6 73.4 110.0

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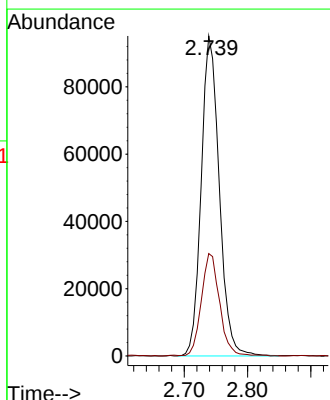
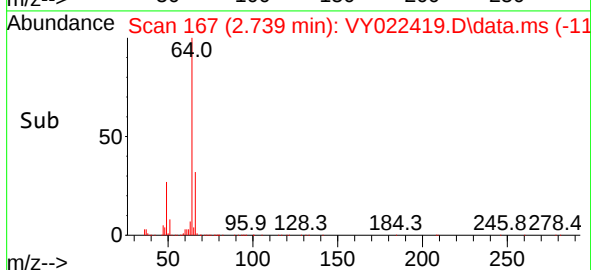
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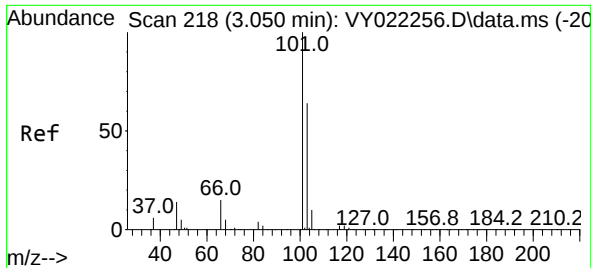


#6
Chloroethane
Concen: 65.125 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



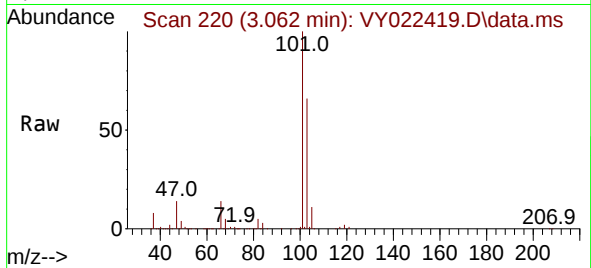
Tgt Ion: 64 Resp: 189182
Ion Ratio Lower Upper
64 100
66 32.0 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 51.284 ug/l
 RT: 3.062 min Scan# 218
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05

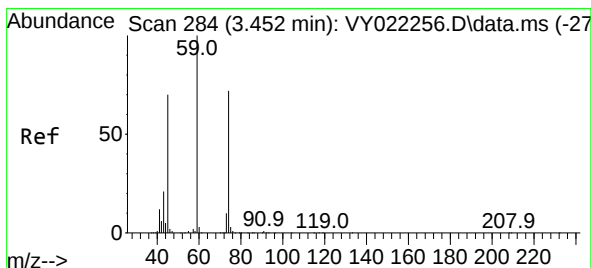
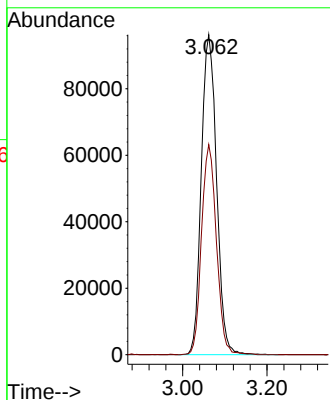
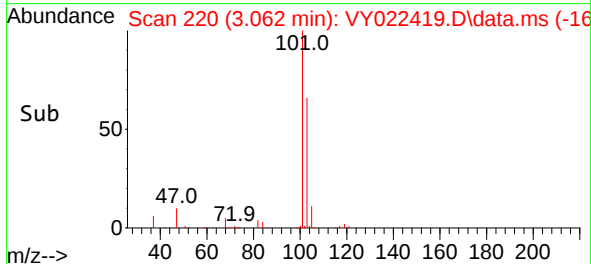
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Tgt Ion: 101 Resp: 242448
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.7 77.5

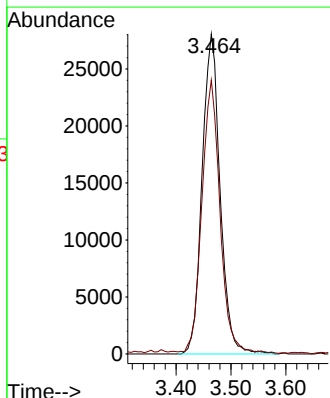
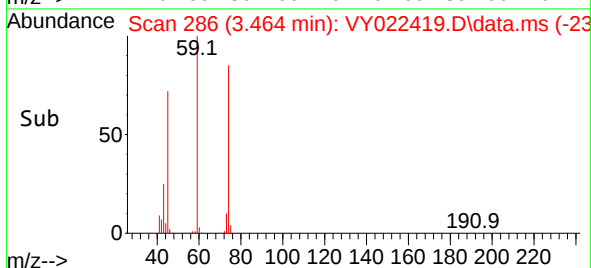
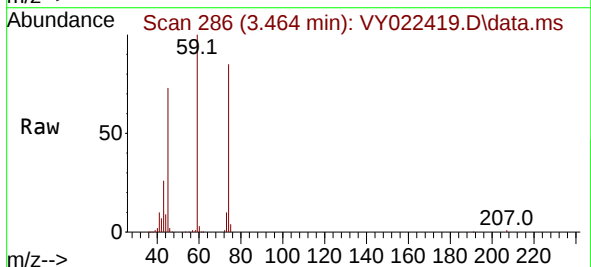
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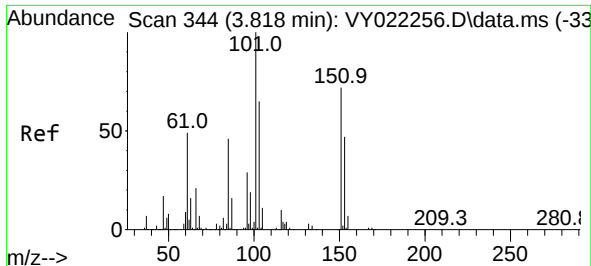
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025



#8
 Diethyl Ether
 Concen: 56.356 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05

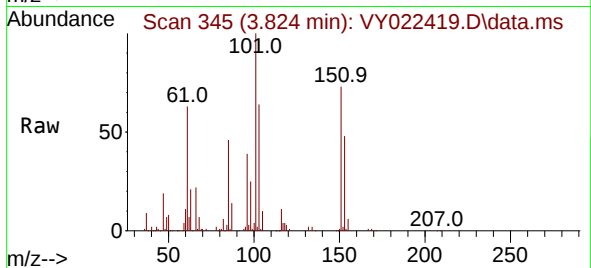
Tgt Ion: 74 Resp: 63939
 Ion Ratio Lower Upper
 74 100
 45 86.2 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.049 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

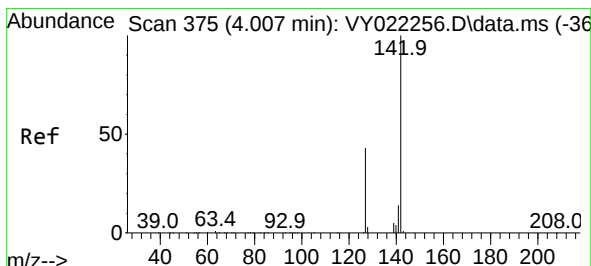
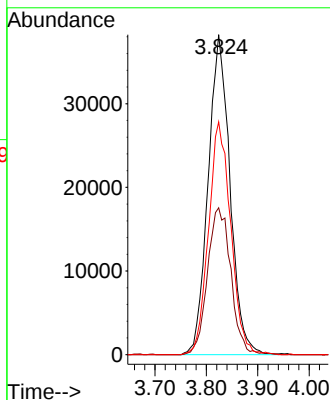
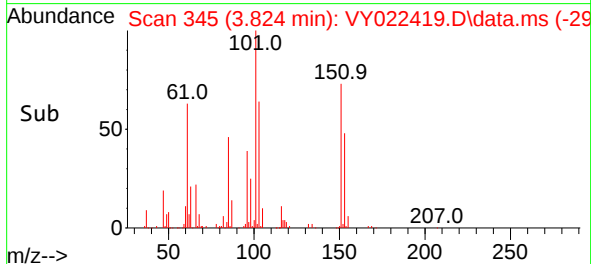
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



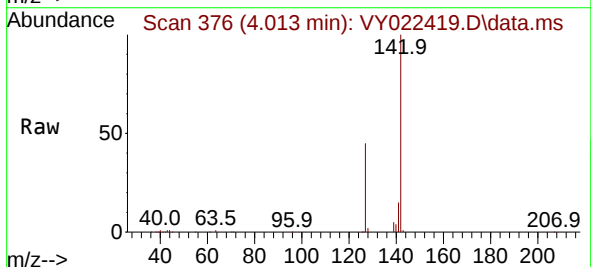
Tgt Ion:101 Resp: 11298
Ion Ratio Lower Upper
101 100
85 49.0 38.6 58.0
151 74.0 59.7 89.5

Manual Integrations
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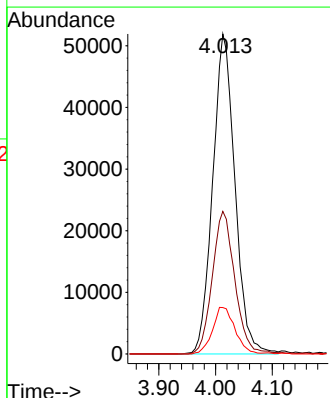
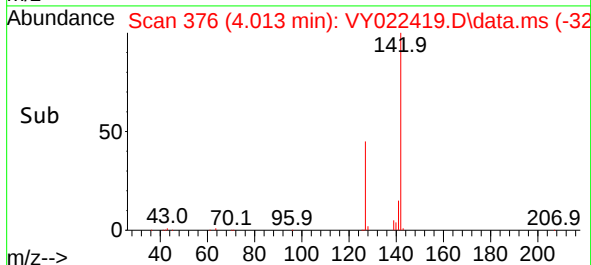
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

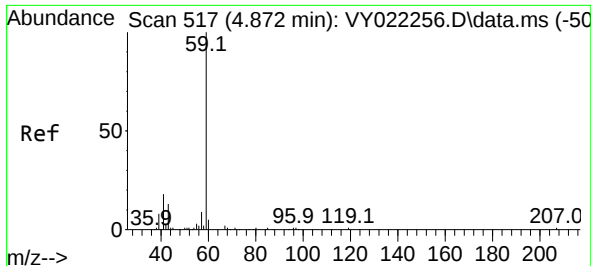


#10
Methyl Iodide
Concen: 59.458 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



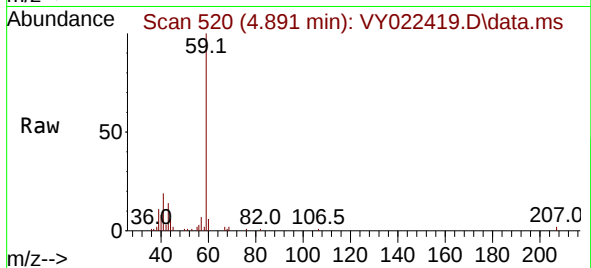
Tgt Ion:142 Resp: 141238
Ion Ratio Lower Upper
142 100
127 45.4 35.7 53.5
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 251.401 ug/l
RT: 4.891 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

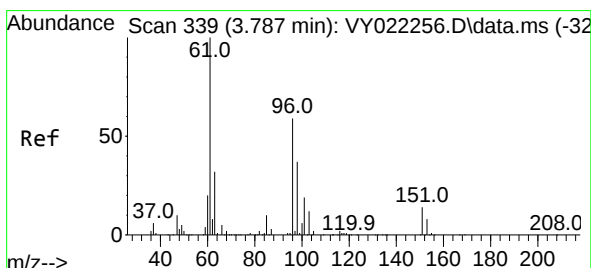
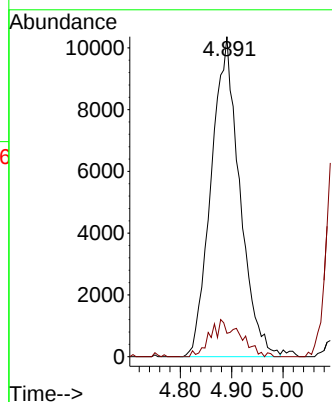
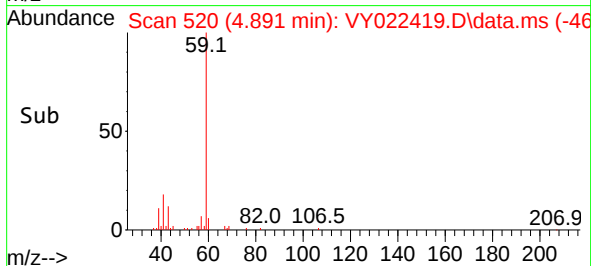
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



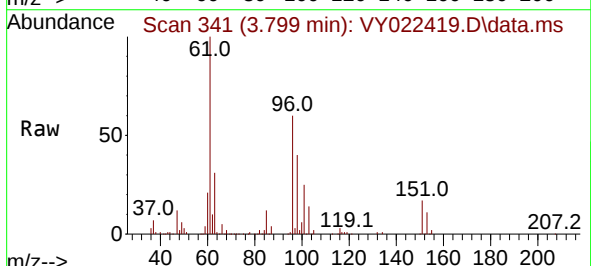
Tgt Ion: 59 Resp: 39950
Ion Ratio Lower Upper
59 100
57 7.2 0.0 0.0

Manual Integrations
APPROVED

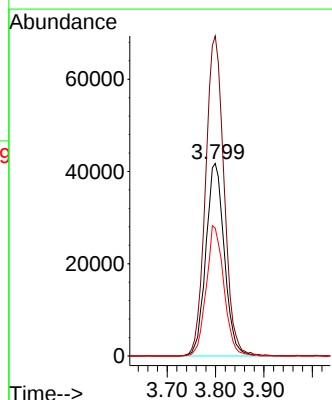
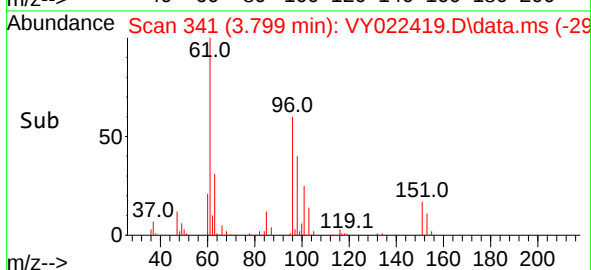
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

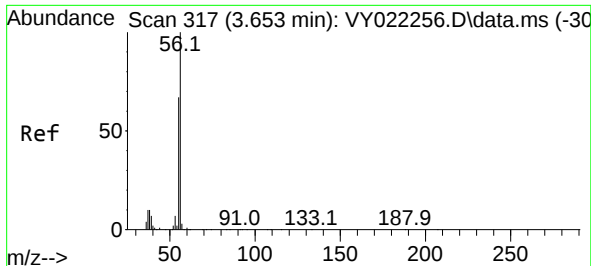


#12
1,1-Dichloroethene
Concen: 54.541 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



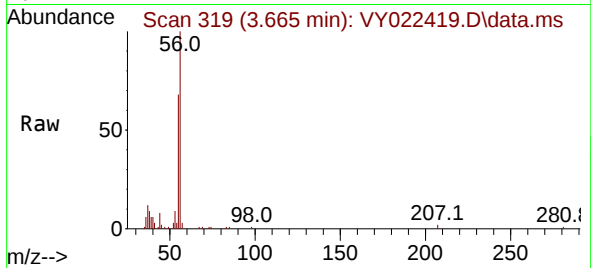
Tgt Ion: 96 Resp: 111084
Ion Ratio Lower Upper
96 100
61 166.2 134.9 202.3
98 66.4 49.9 74.9





#13
Acrolein
Concen: 100.705 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

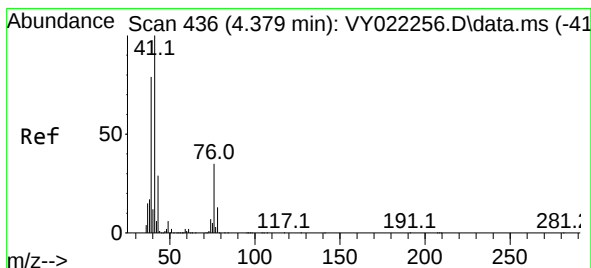
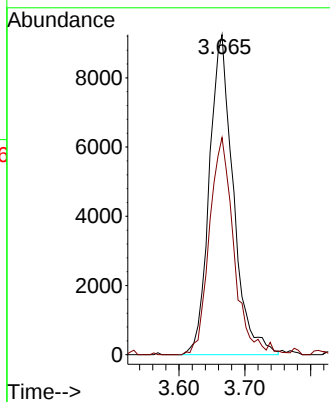
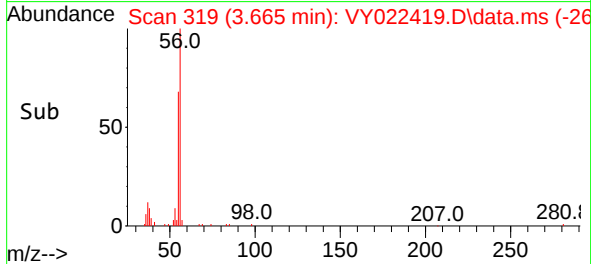
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



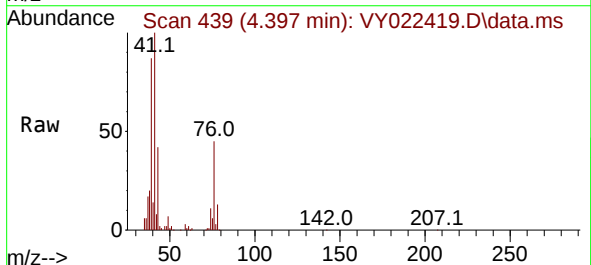
Tgt Ion: 56 Resp: 23395
Ion Ratio Lower Upper
56 100
55 68.5 55.6 83.4

Manual Integrations
APPROVED

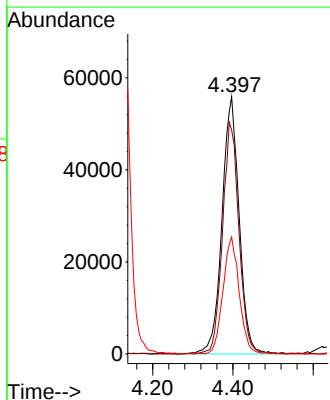
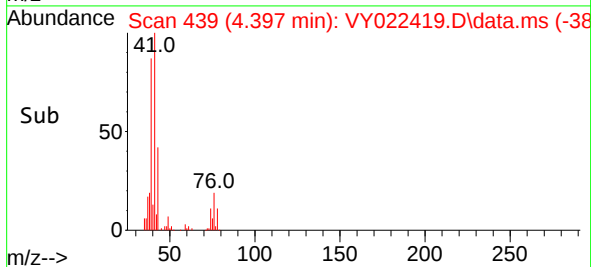
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

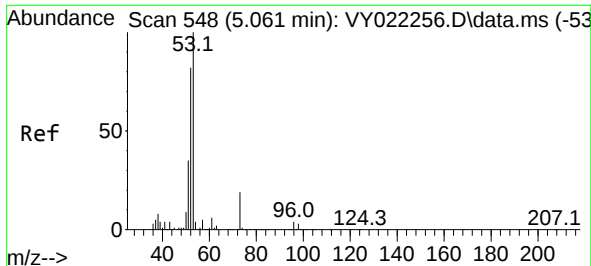


#14
Allyl chloride
Concen: 46.461 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



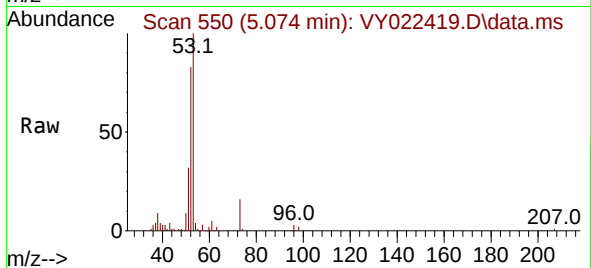
Tgt Ion: 41 Resp: 165922
Ion Ratio Lower Upper
41 100
39 86.2 63.4 95.0
76 43.2 29.5 44.3





#15
Acrylonitrile
Concen: 275.131 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

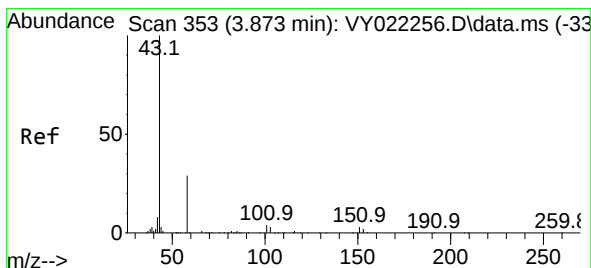
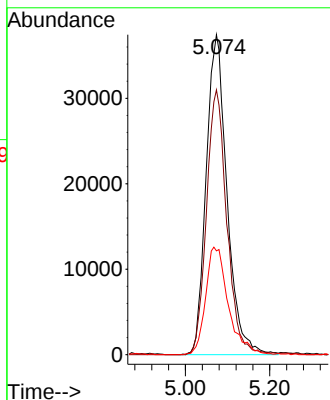
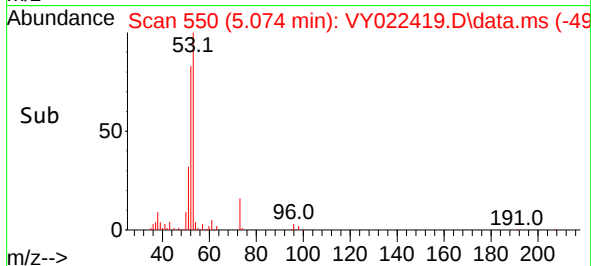
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



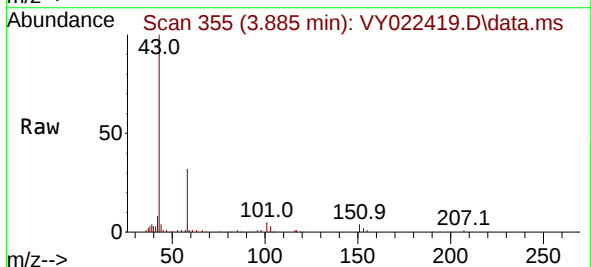
Tgt Ion: 53 Resp: 128620
Ion Ratio Lower Upper
53 100
52 80.9 66.1 99.1
51 36.6 30.0 45.0

Manual Integrations
APPROVED

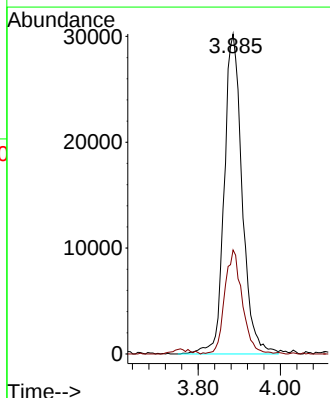
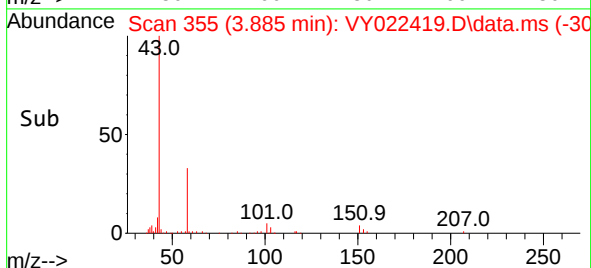
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

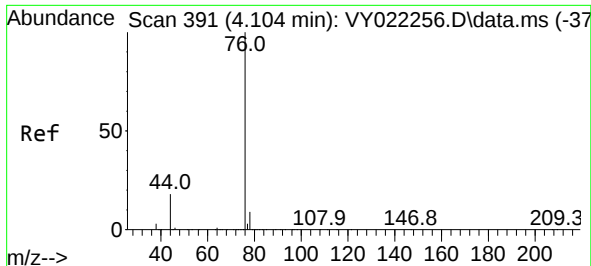


#16
Acetone
Concen: 235.742 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



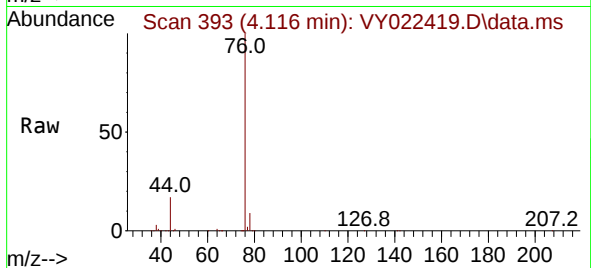
Tgt Ion: 43 Resp: 91985
Ion Ratio Lower Upper
43 100
58 32.0 23.6 35.4





#17
Carbon Disulfide
Concen: 51.488 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

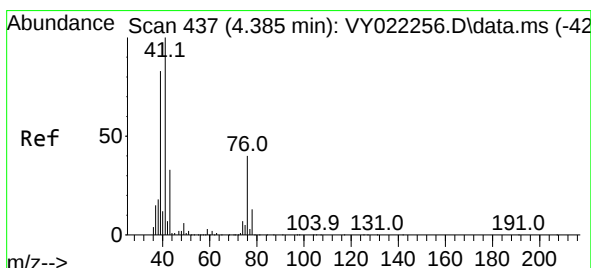
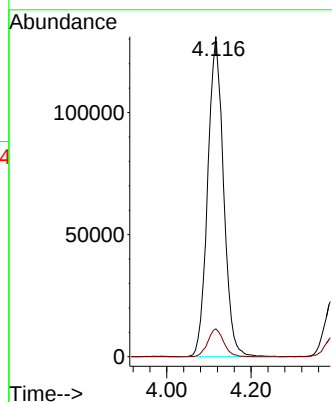
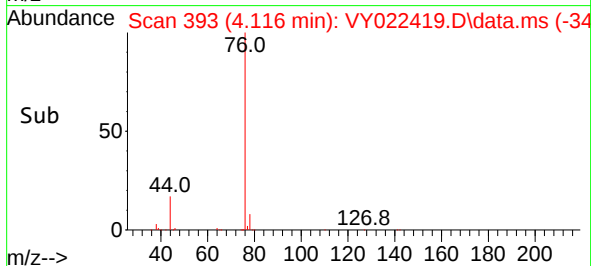
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 341960
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

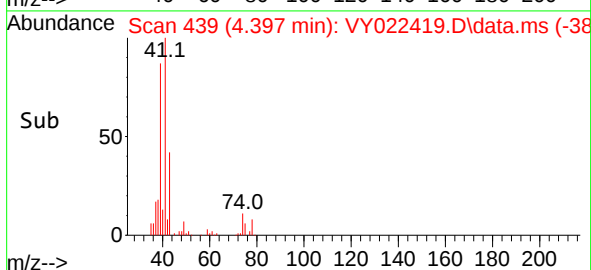
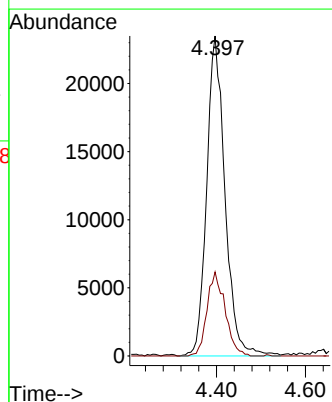
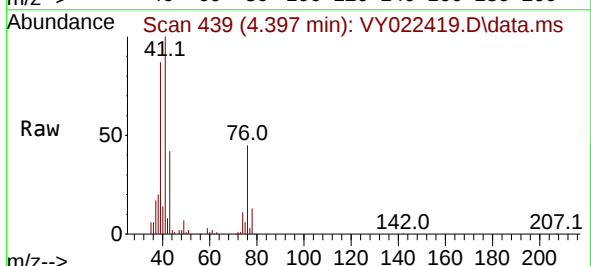
Manual Integrations
APPROVED

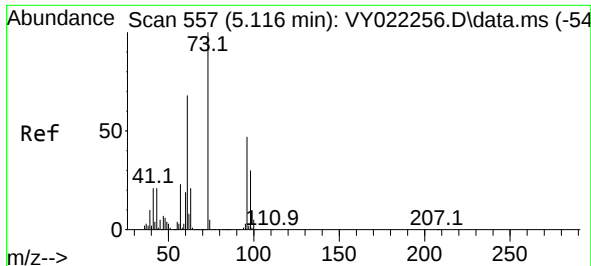
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#18
Methyl Acetate
Concen: 54.790 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

Tgt Ion: 43 Resp: 67406
Ion Ratio Lower Upper
43 100
74 26.0 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 55.592 ug/l

RT: 5.128 min Scan# 511

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 31219

Ion Ratio Lower Upper

73 100

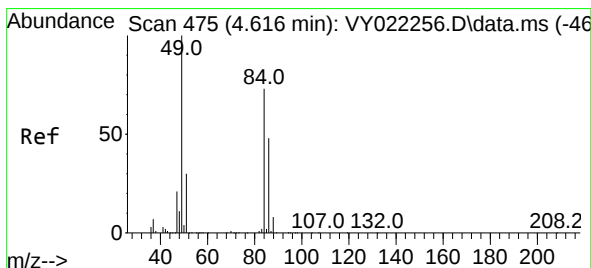
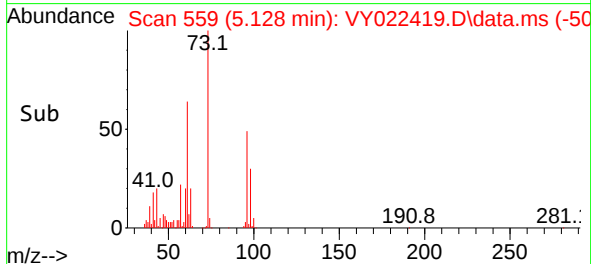
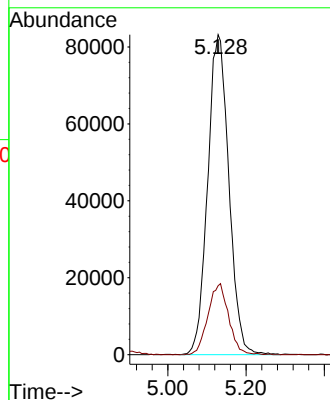
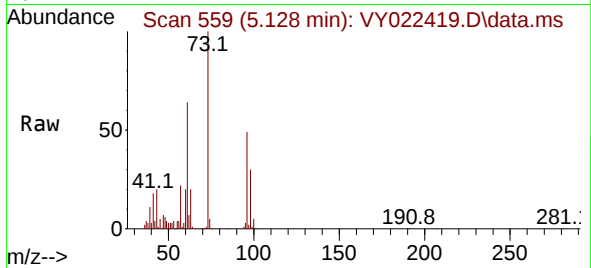
57 21.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#20

Methylene Chloride

Concen: 50.340 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Tgt Ion: 84 Resp: 126923

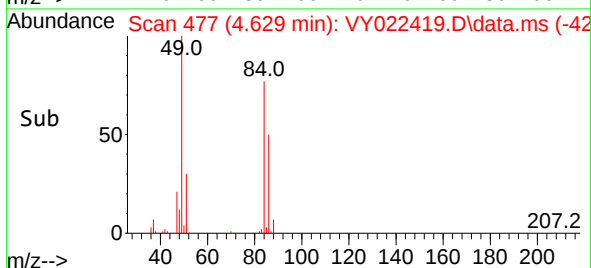
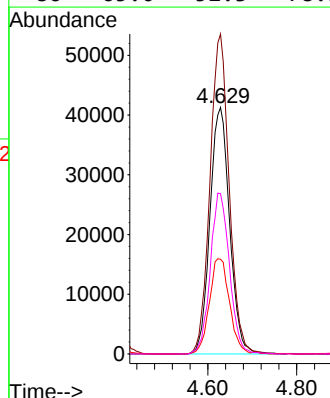
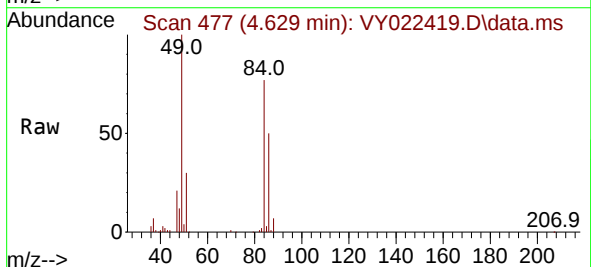
Ion Ratio Lower Upper

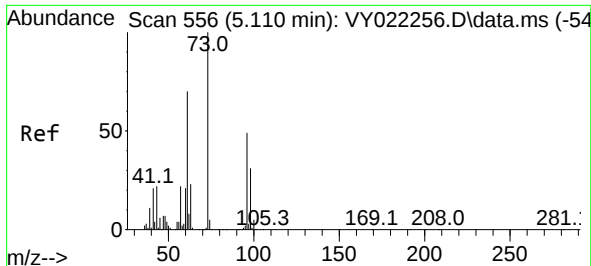
84 100

49 129.8 109.6 164.4

51 38.4 32.4 48.6

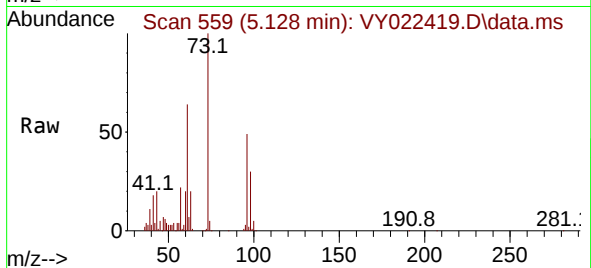
86 65.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 55.161 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

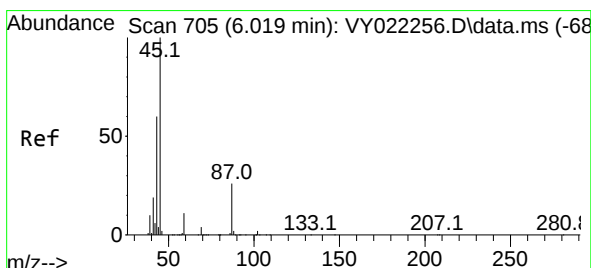
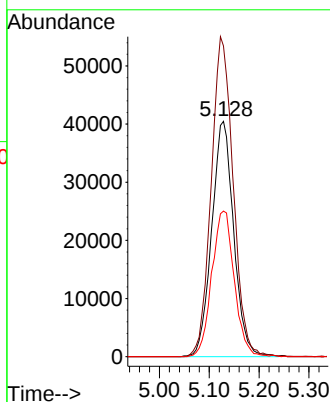
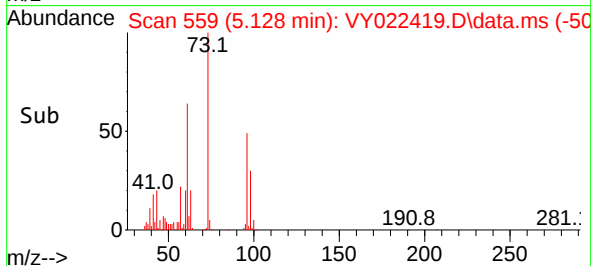
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 12400
Ion Ratio Lower Upper
96 100
61 132.0 113.4 170.0
98 61.9 50.9 76.3

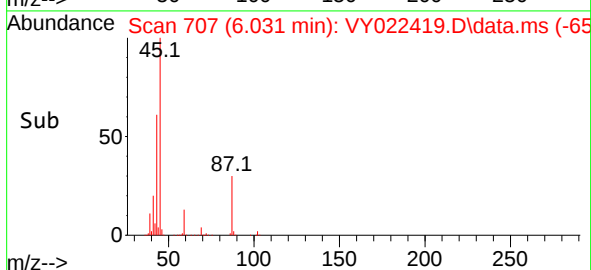
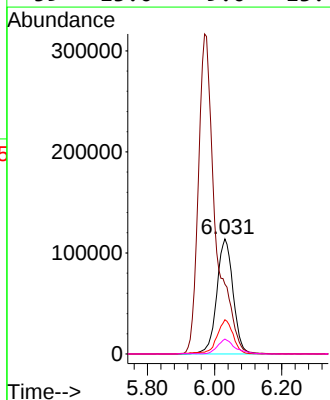
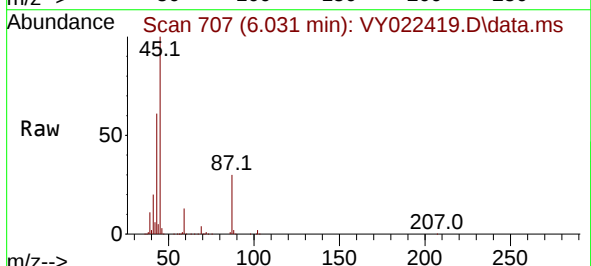
Manual Integrations
APPROVED

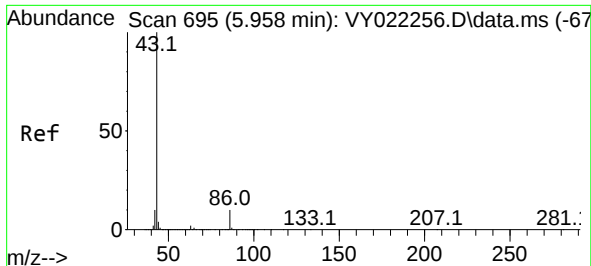
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#22
Diisopropyl ether
Concen: 50.858 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

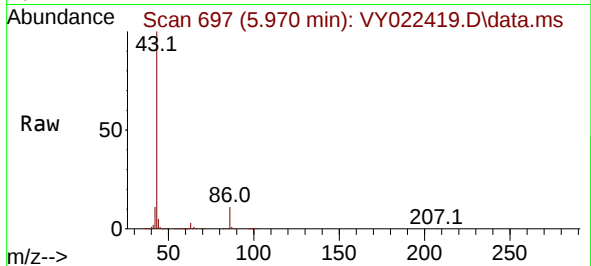
Tgt Ion: 45 Resp: 383549
Ion Ratio Lower Upper
45 100
43 60.6 48.2 72.2
87 29.8 21.4 32.0
59 13.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 245.783 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05

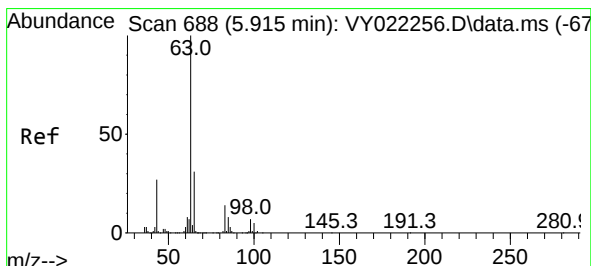
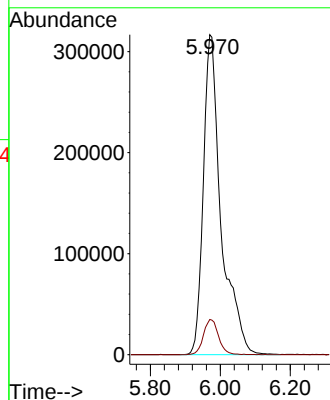
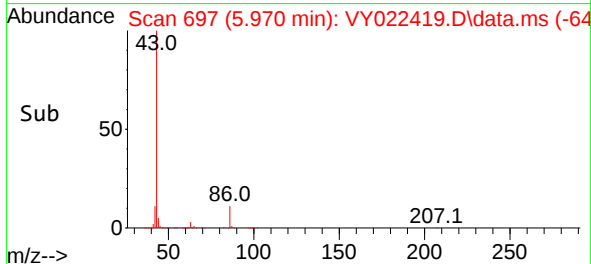
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



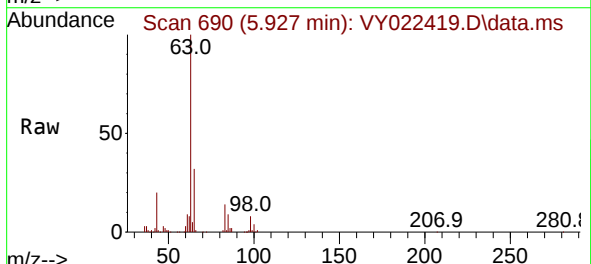
Tgt Ion: 43 Resp: 1119820
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

Manual Integrations
 APPROVED

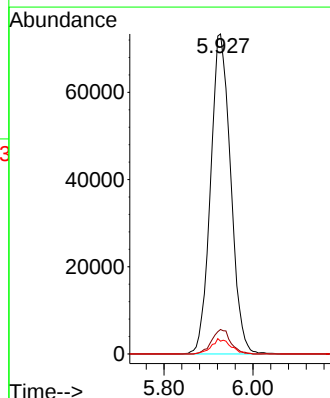
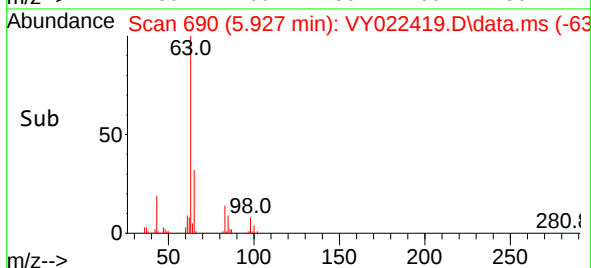
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025

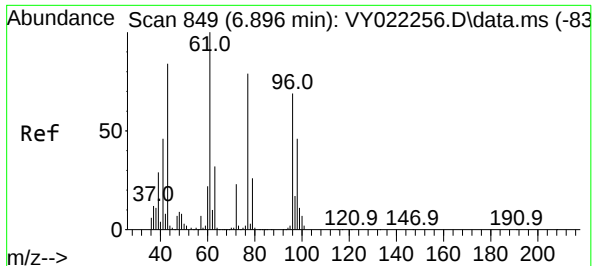


#24
 1,1-Dichloroethane
 Concen: 54.648 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05



Tgt Ion: 63 Resp: 230248
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.0 2.4 7.2





#25

2-Butanone

Concen: 245.808 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 160434

Ion Ratio Lower Upper

43 100

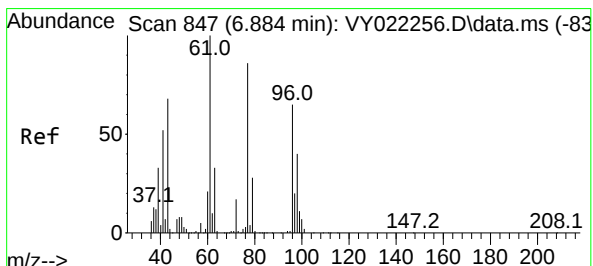
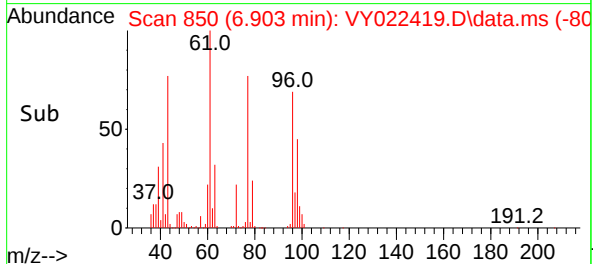
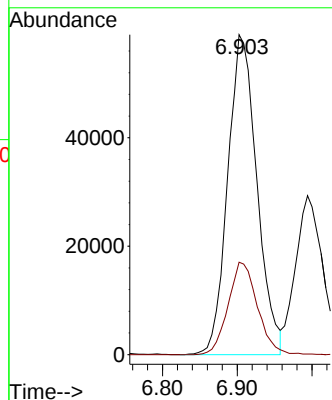
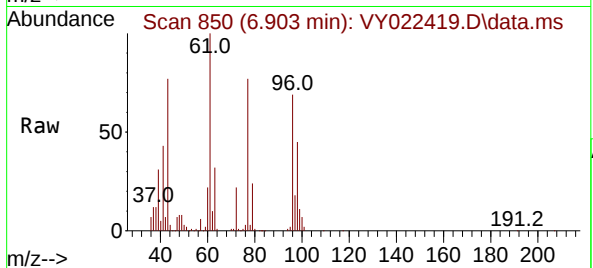
72 28.9 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#26

2,2-Dichloropropane

Concen: 50.072 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY022419.D

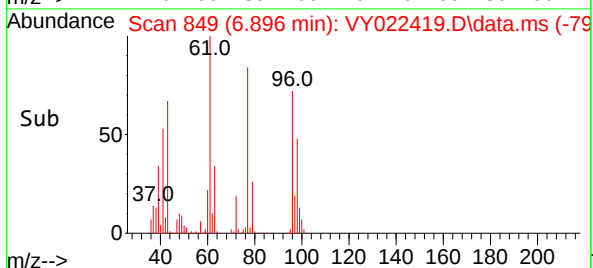
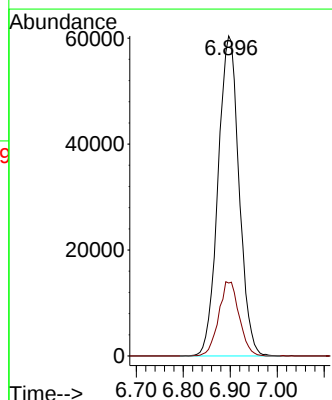
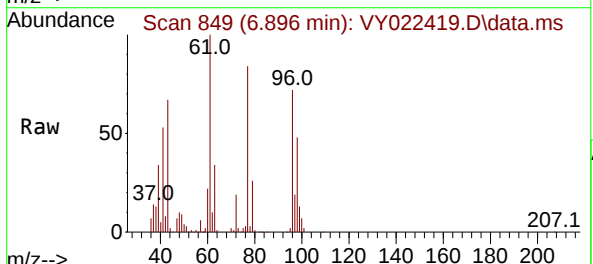
Acq: 23 May 2025 21:05

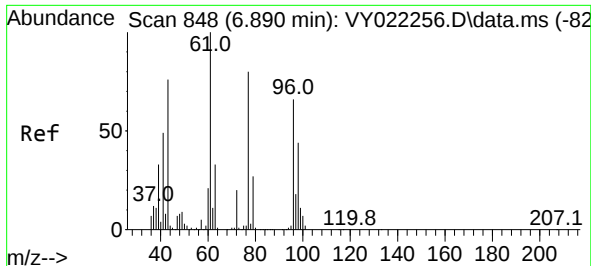
Tgt Ion: 77 Resp: 187644

Ion Ratio Lower Upper

77 100

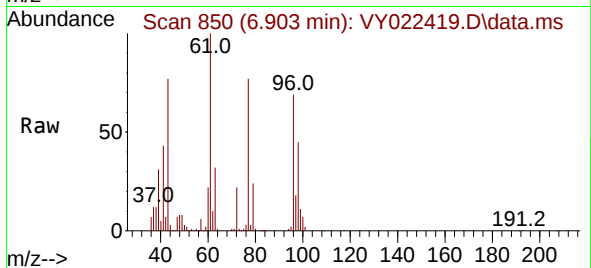
97 22.7 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 56.905 ug/l
 RT: 6.903 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05

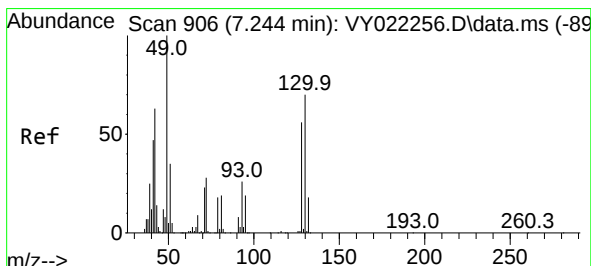
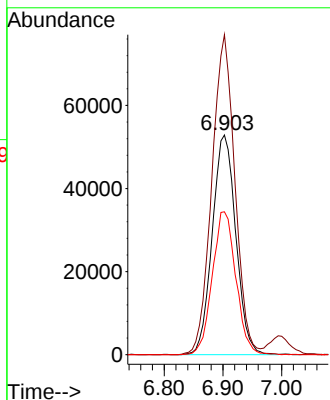
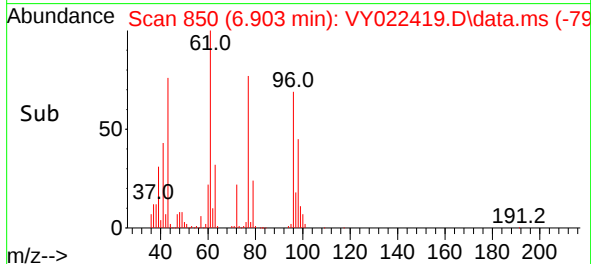
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 147625
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 302.6
 98 64.9 0.0 128.8

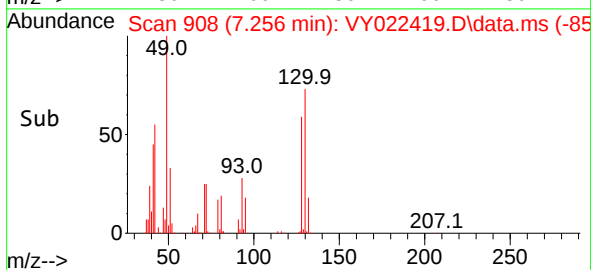
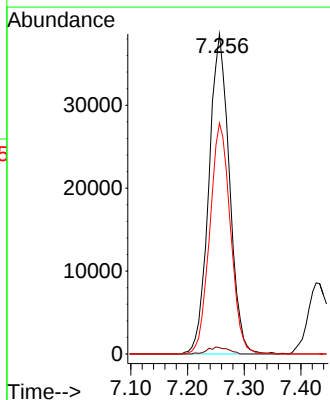
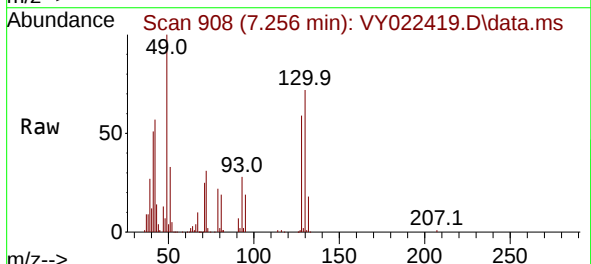
Manual Integrations
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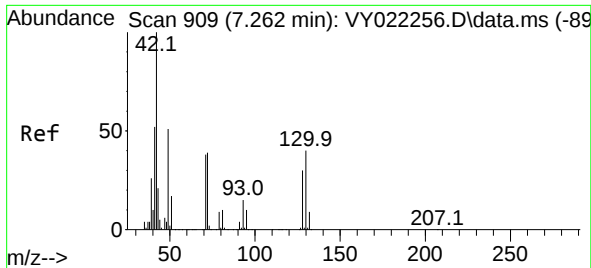
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025



#28
 Bromochloromethane
 Concen: 53.972 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05

Tgt Ion: 49 Resp: 96996
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 72.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 254.973 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 107064

Ion Ratio Lower Upper

42 100

72 47.7 33.8 50.6

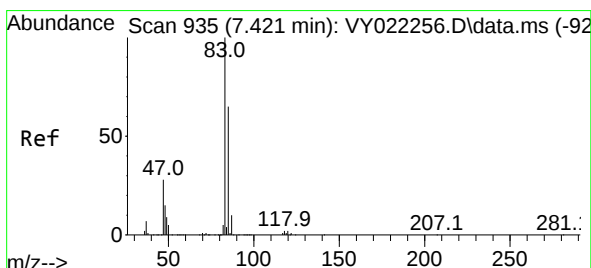
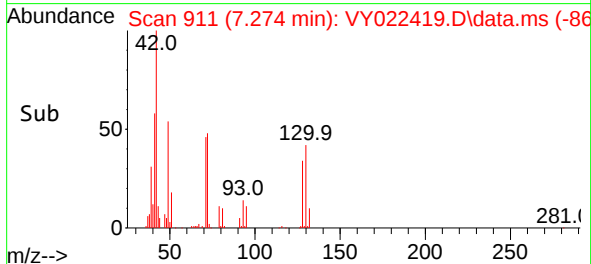
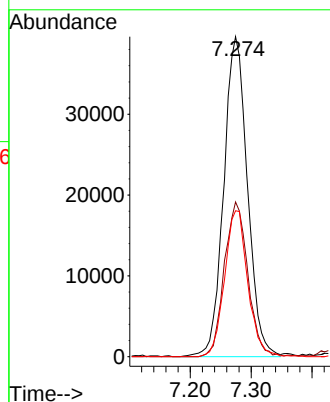
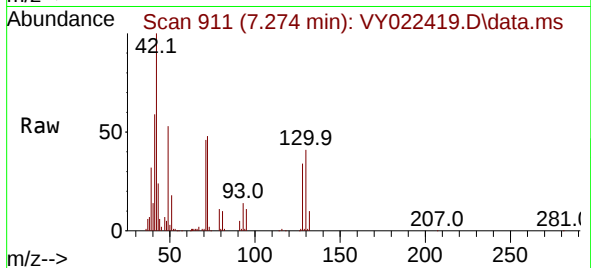
71 44.7 31.5 47.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#30

Chloroform

Concen: 56.544 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY022419.D

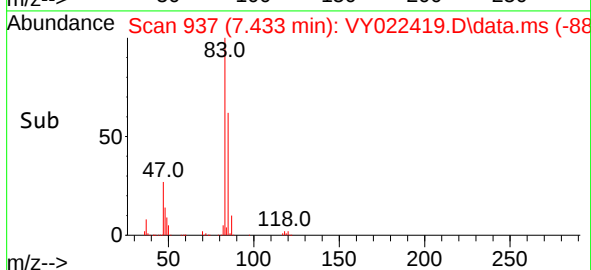
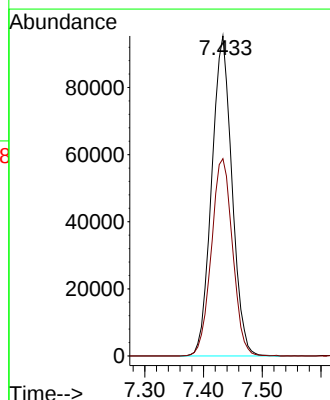
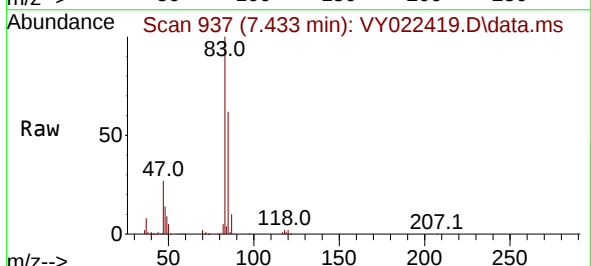
Acq: 23 May 2025 21:05

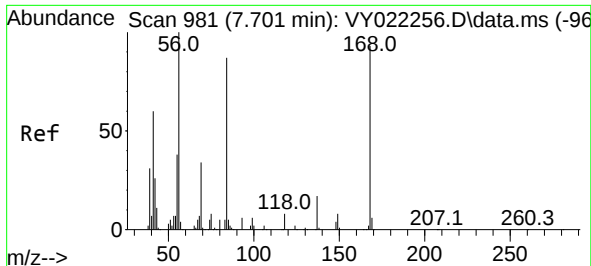
Tgt Ion: 83 Resp: 228513

Ion Ratio Lower Upper

83 100

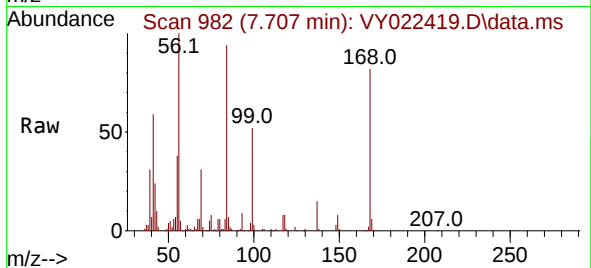
85 61.6 51.8 77.8





#31
Cyclohexane
Concen: 47.672 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

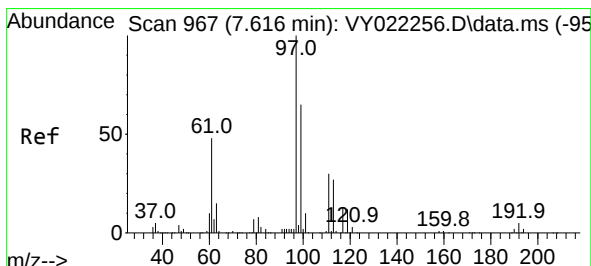
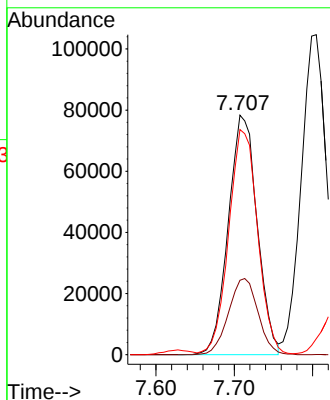
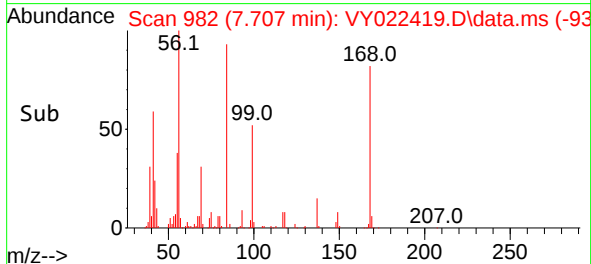
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



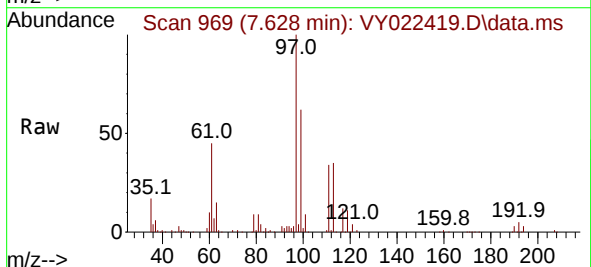
Tgt Ion: 56 Resp: 200680
Ion Ratio Lower Upper
56 100
69 31.1 27.4 41.2
84 91.9 70.0 105.0

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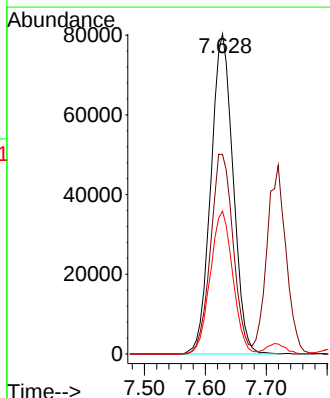
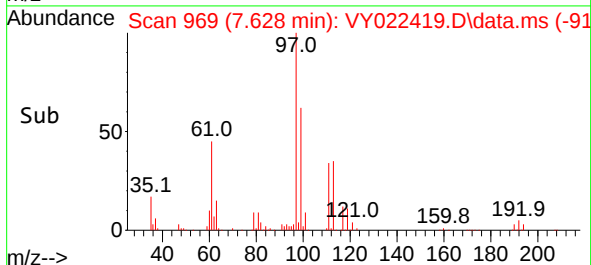
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

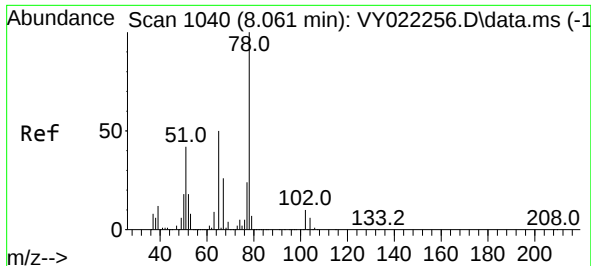


#32
1,1,1-Trichloroethane
Concen: 54.799 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



Tgt Ion: 97 Resp: 203180
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 45.3 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 54.908 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11426

Ion Ratio Lower Upper

65 100

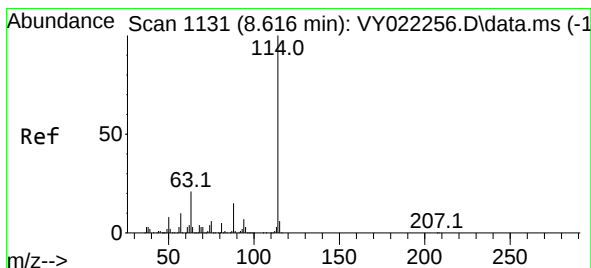
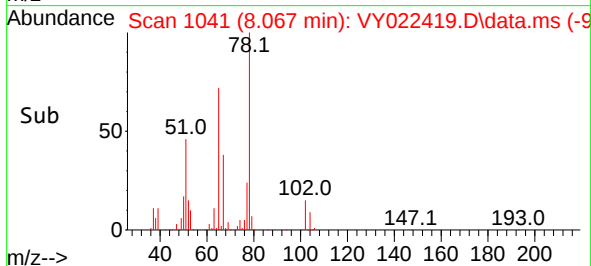
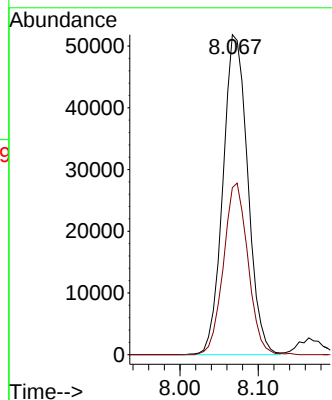
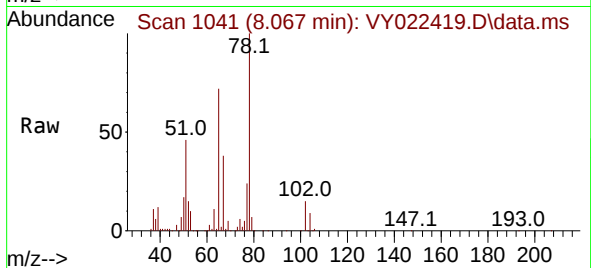
67 52.8 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

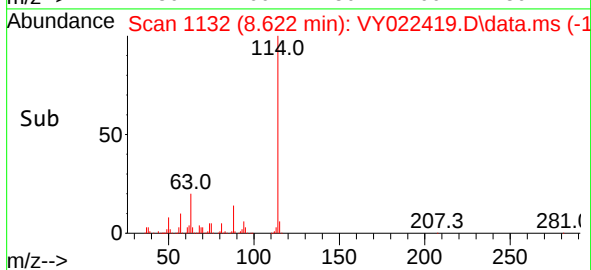
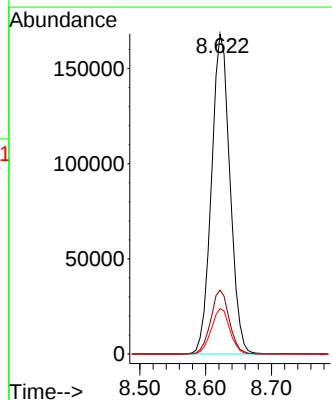
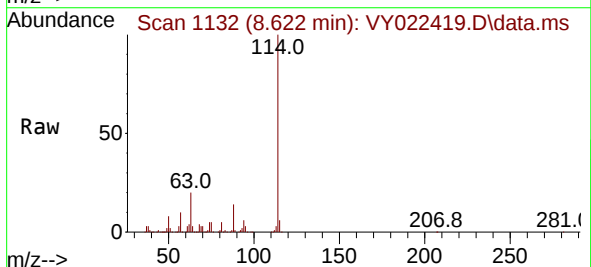
Tgt Ion:114 Resp: 328619

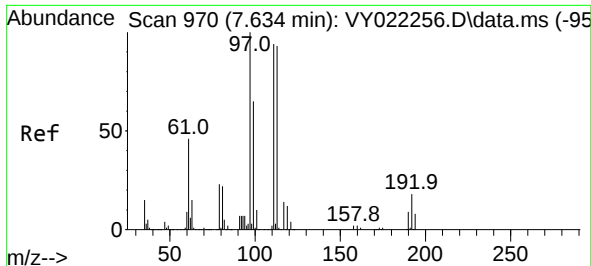
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

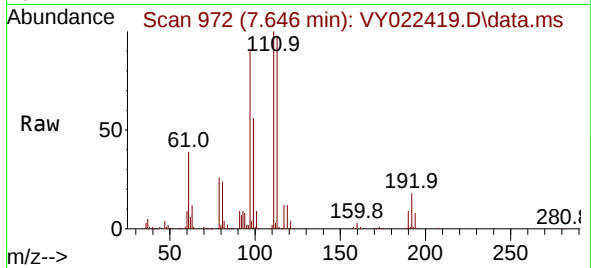
88 14.2 0.0 29.4





#35
Dibromofluoromethane
Concen: 56.277 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

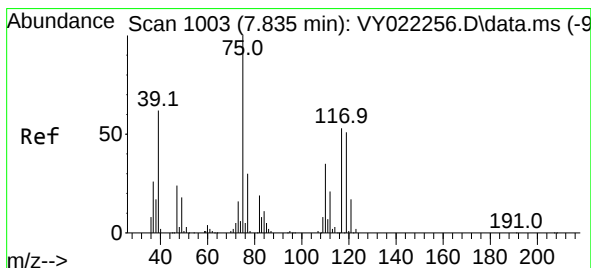
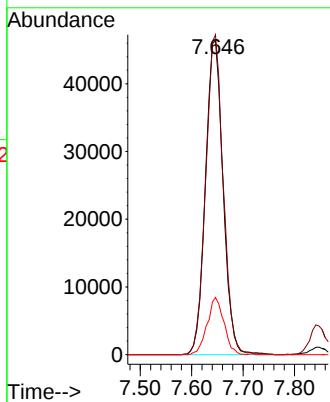
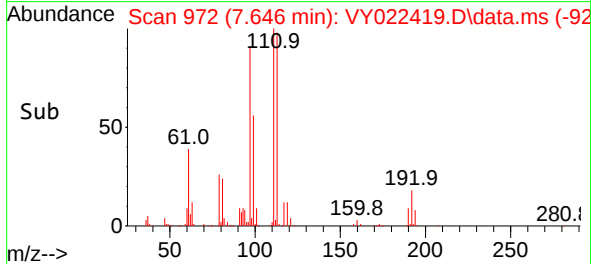
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



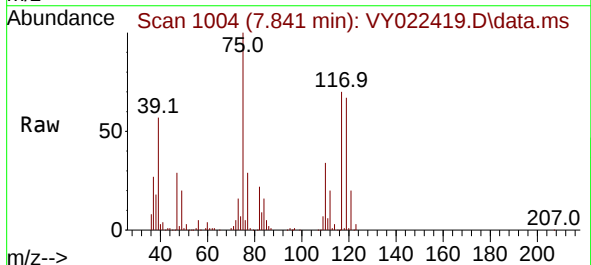
Tgt Ion:113 Resp: 11038
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 17.4 15.2 22.8

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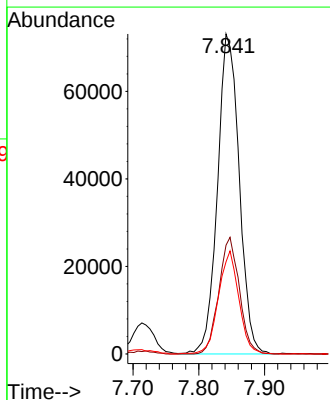
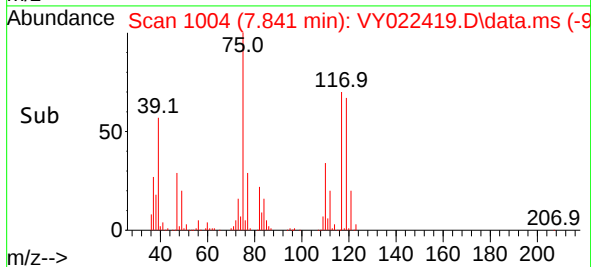
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

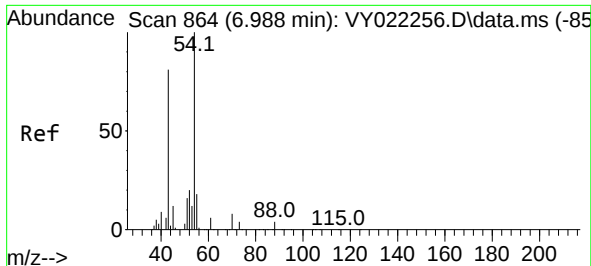


#36
1,1-Dichloropropene
Concen: 52.050 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



Tgt Ion: 75 Resp: 168154
Ion Ratio Lower Upper
75 100
110 34.5 16.6 49.8
77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 49.449 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

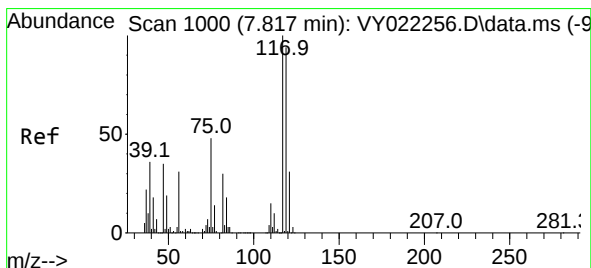
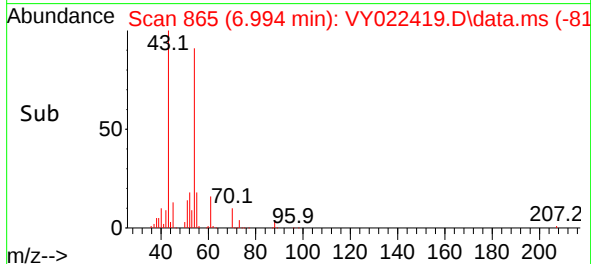
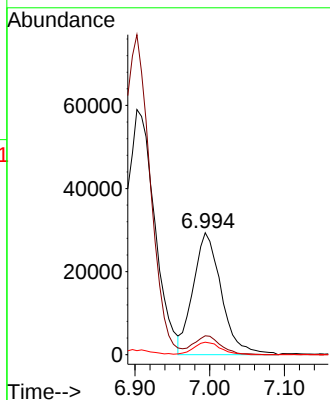
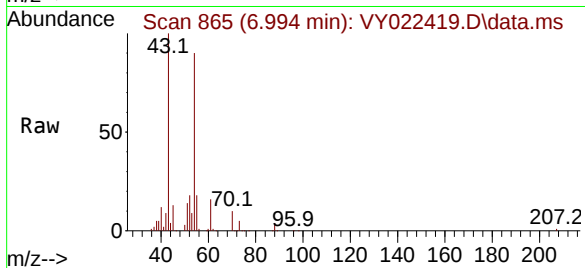
Tgt Ion: 43 Resp: 7686

Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.2	15.2
70	9.7	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#38

Carbon Tetrachloride

Concen: 52.656 ug/l

RT: 7.829 min Scan# 1002

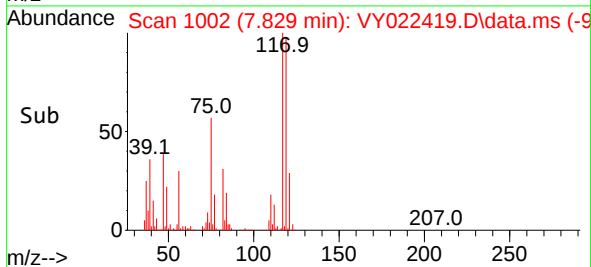
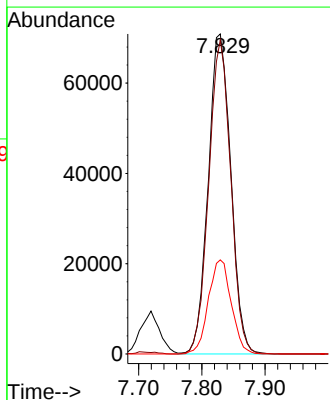
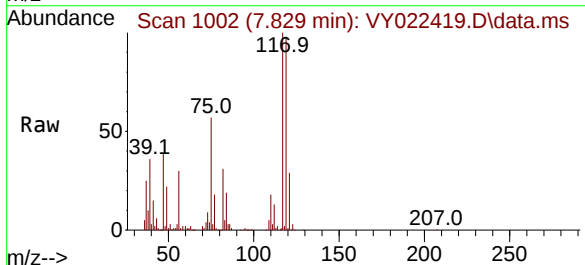
Delta R.T. 0.012 min

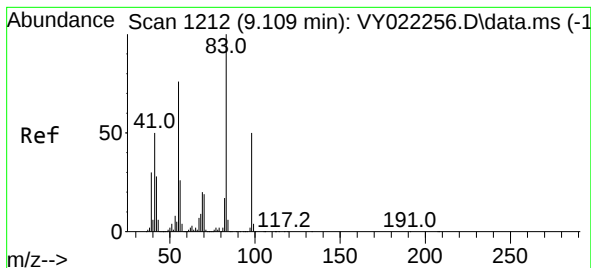
Lab File: VY022419.D

Acq: 23 May 2025 21:05

Tgt Ion:117 Resp: 176086

Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.3	112.9
121	29.4	24.7	37.1





#39

Methylcyclohexane

Concen: 51.480 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022419.D

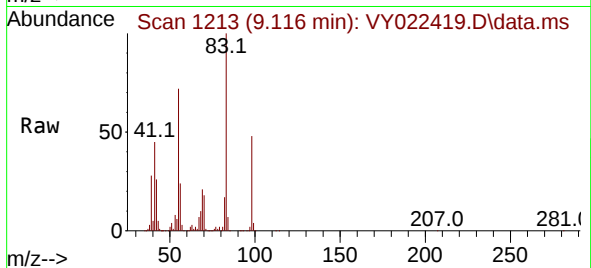
Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 22344

Ion Ratio Lower Upper

83 100

55 72.2 60.6 90.8

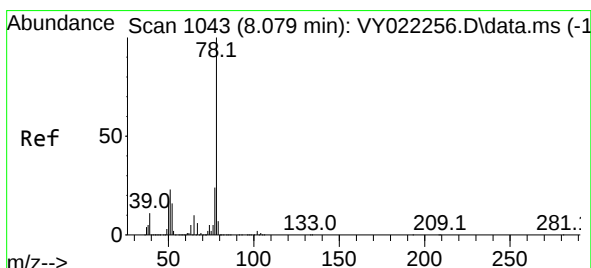
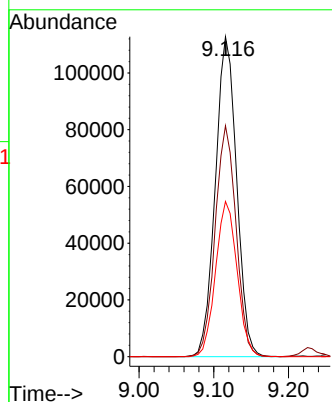
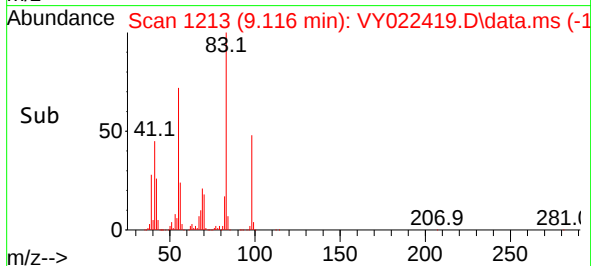
98 48.5 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#40

Benzene

Concen: 54.034 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022419.D

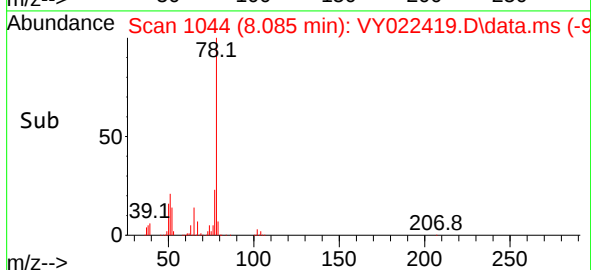
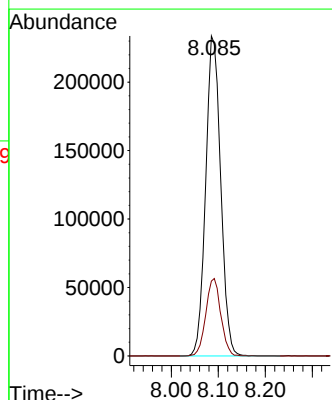
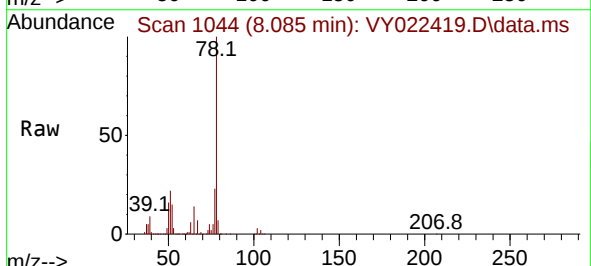
Acq: 23 May 2025 21:05

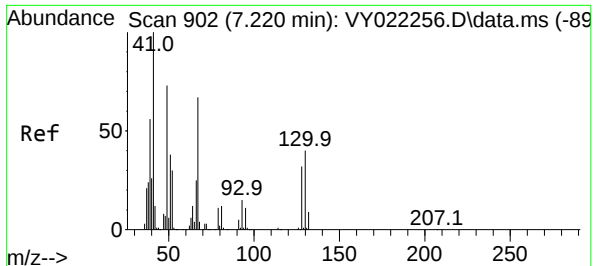
Tgt Ion: 78 Resp: 517497

Ion Ratio Lower Upper

78 100

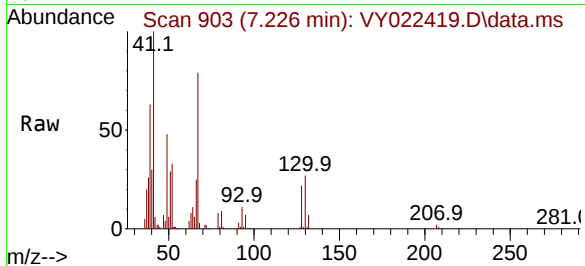
77 23.4 18.9 28.3





#41
Methacrylonitrile
Concen: 44.335 ug/l m
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

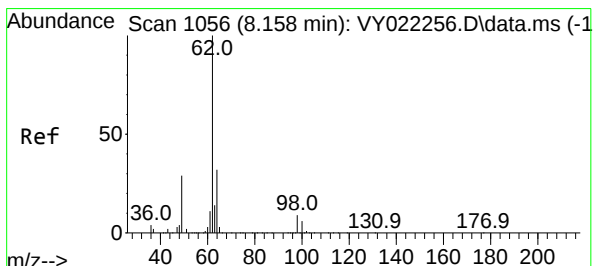
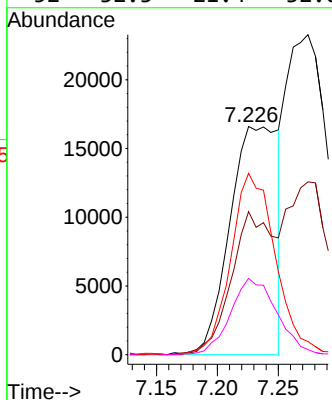
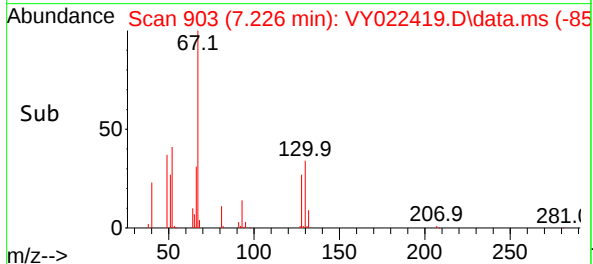
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 45714
Ion Ratio Lower Upper
41 100
39 56.3 39.1 58.7
67 74.6 47.1 70.7
52 32.3 21.4 32.0#

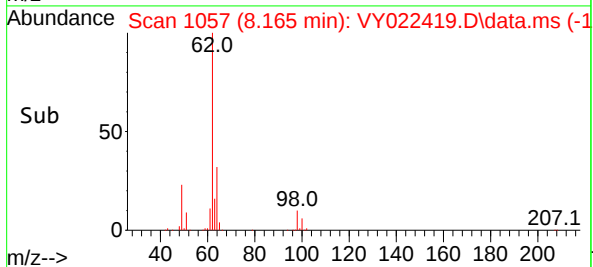
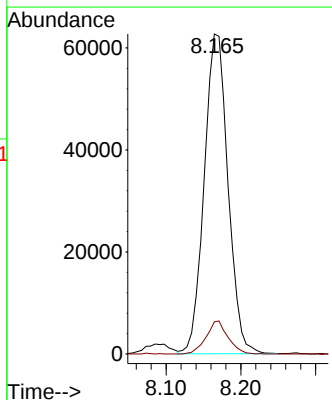
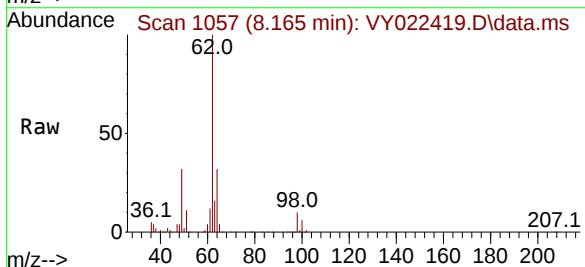
Manual Integrations
APPROVED

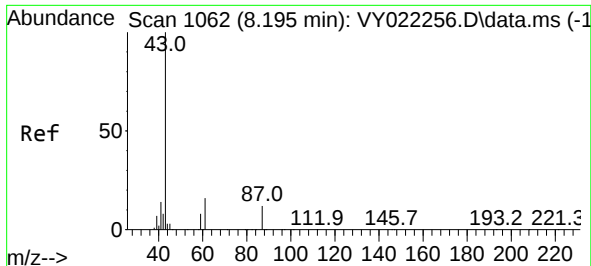
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#42
1,2-Dichloroethane
Concen: 53.602 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

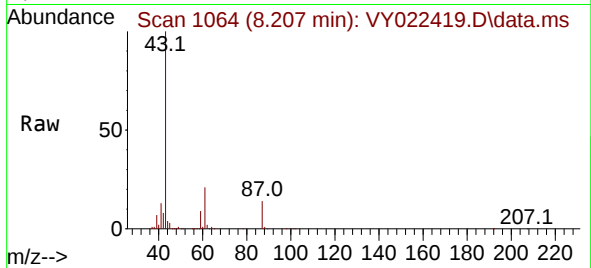
Tgt Ion: 62 Resp: 138825
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 48.817 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

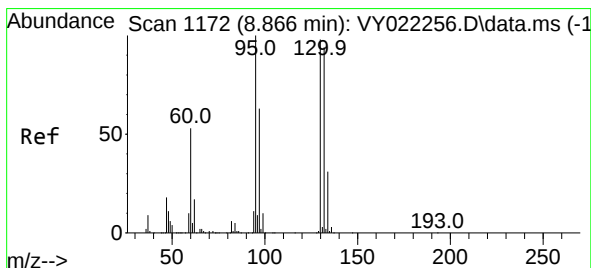
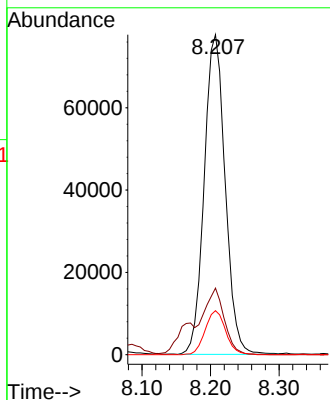
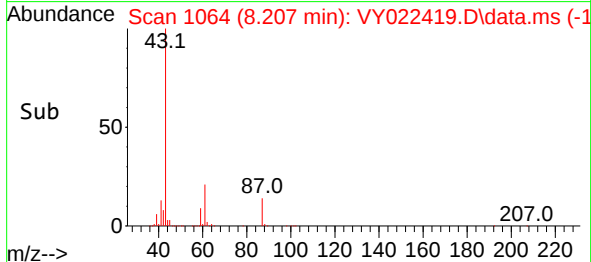
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 165490
Ion Ratio Lower Upper
43 100
61 20.6 15.1 22.7
87 13.5 9.7 14.5

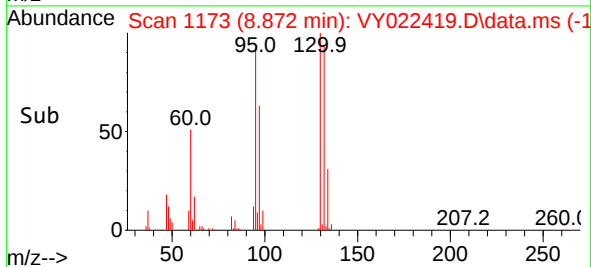
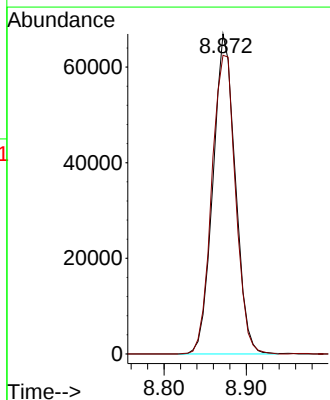
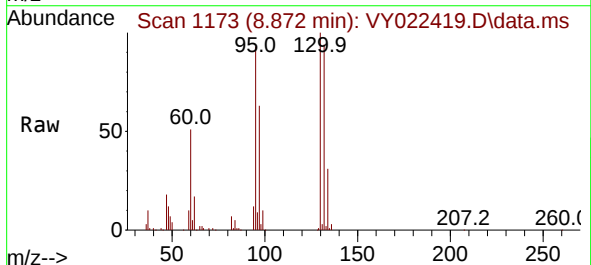
Manual Integrations
APPROVED

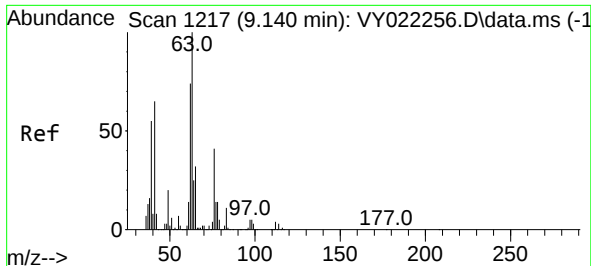
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#44
Trichloroethene
Concen: 52.965 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

Tgt Ion:130 Resp: 126129
Ion Ratio Lower Upper
130 100
95 93.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 53.082 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 122560

Ion Ratio Lower Upper

63 100

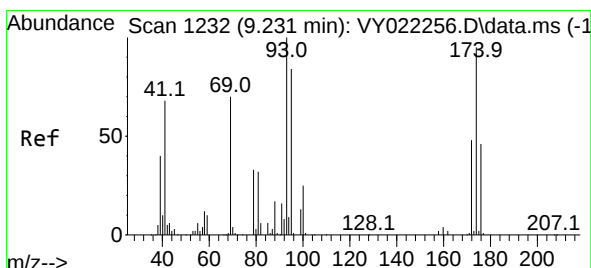
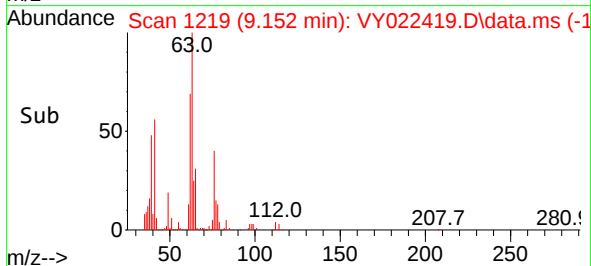
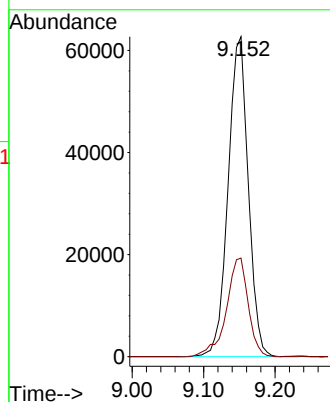
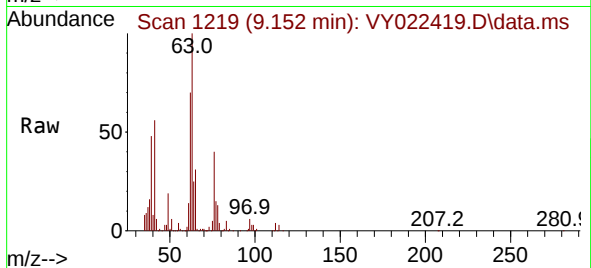
65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#46

Dibromomethane

Concen: 55.024 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

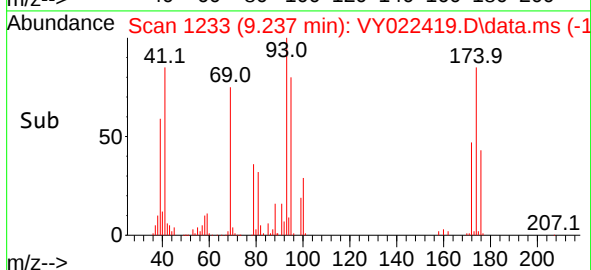
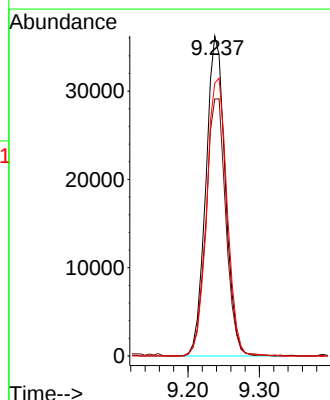
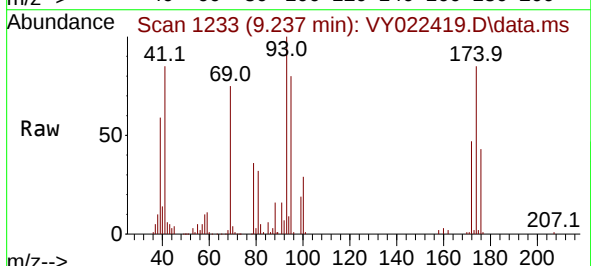
Tgt Ion: 93 Resp: 68525

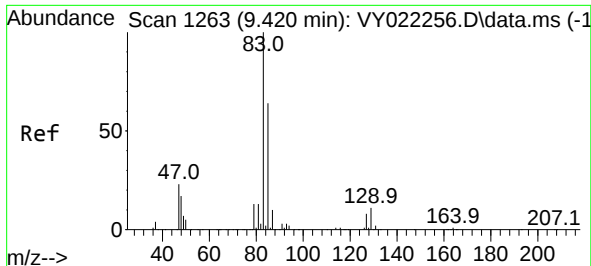
Ion Ratio Lower Upper

93 100

95 82.0 65.2 97.8

174 90.8 74.3 111.5





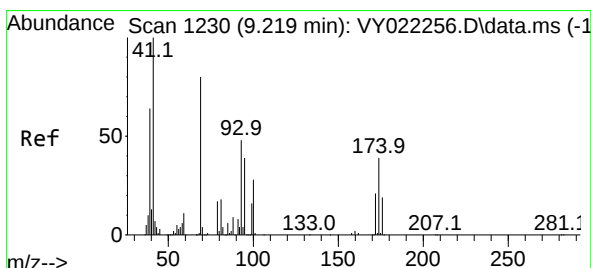
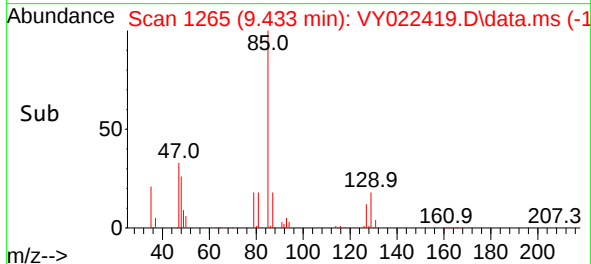
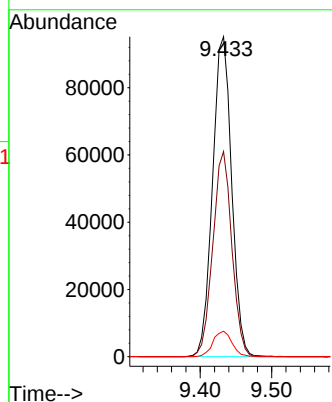
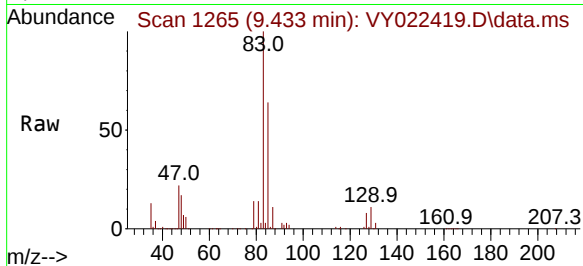
#47
Bromodichloromethane
Concen: 54.621 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 17647
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 7.9 6.6 10.0

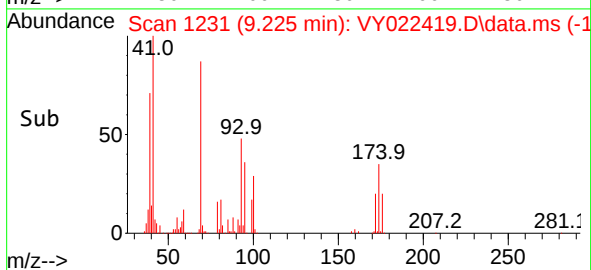
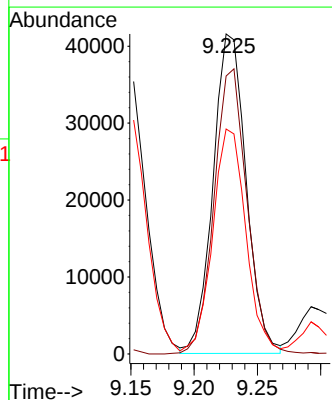
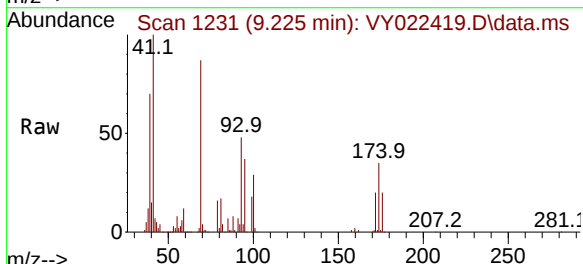
Manual Integrations
APPROVED

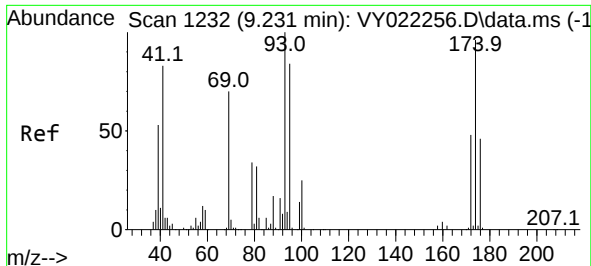
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#48
Methyl methacrylate
Concen: 47.724 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

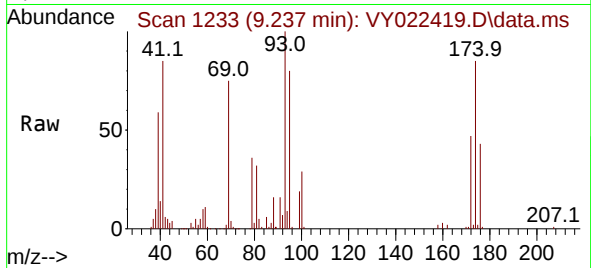
Tgt Ion: 41 Resp: 75659
Ion Ratio Lower Upper
41 100
69 88.9 63.5 95.3
39 68.8 50.8 76.2





#49
1,4-Dioxane
Concen: 1075.695 ug/l
RT: 9.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

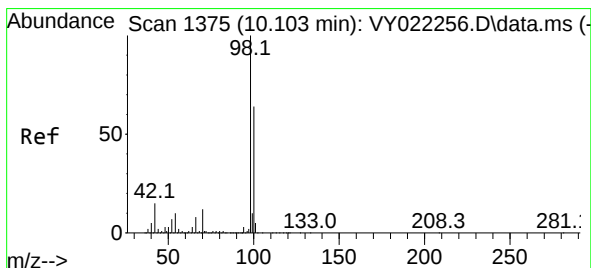
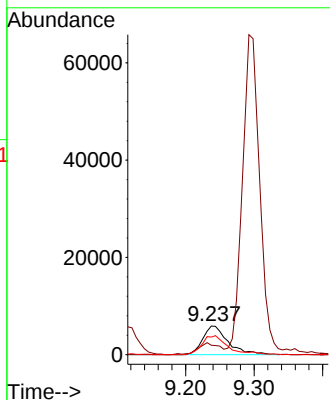
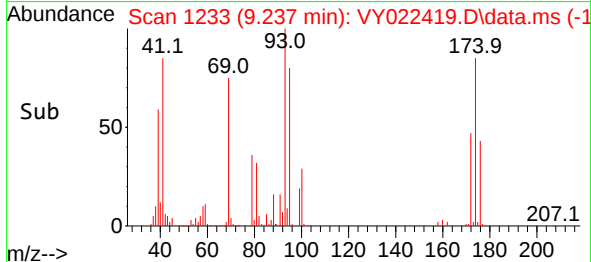
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



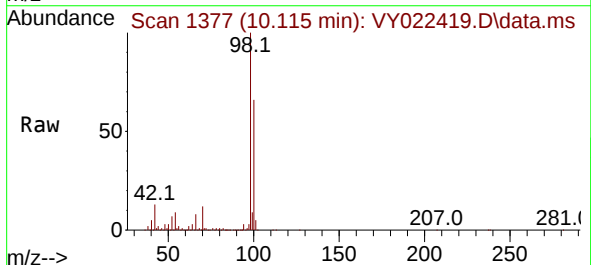
Tgt Ion: 88 Resp: 15134
Ion Ratio Lower Upper
88 100
43 34.4 28.5 42.7
58 68.6 61.4 92.2

Manual Integrations
APPROVED

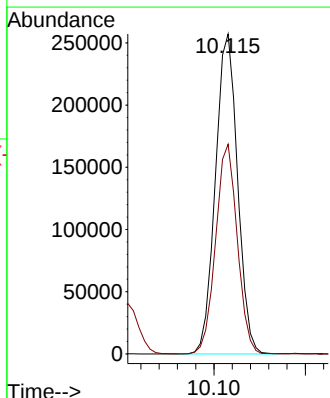
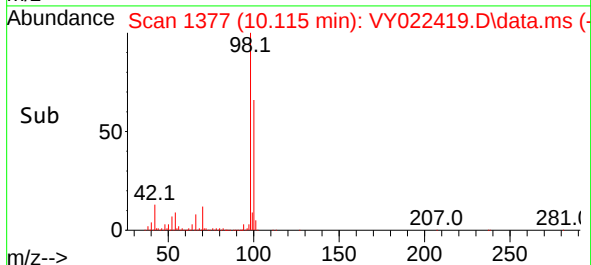
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

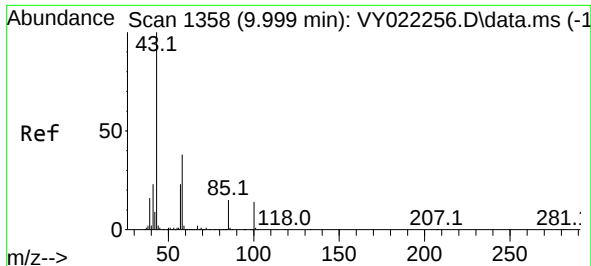


#50
Toluene-d8
Concen: 53.924 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



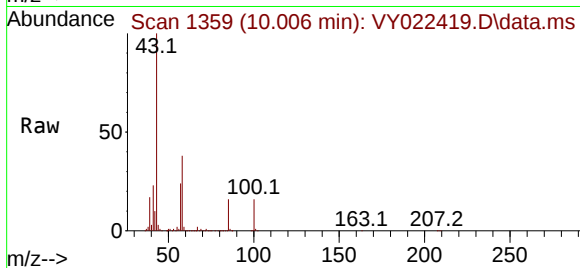
Tgt Ion: 98 Resp: 433174
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 251.669 ug/l
RT: 10.006 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

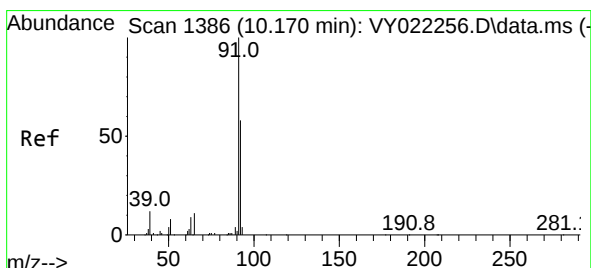
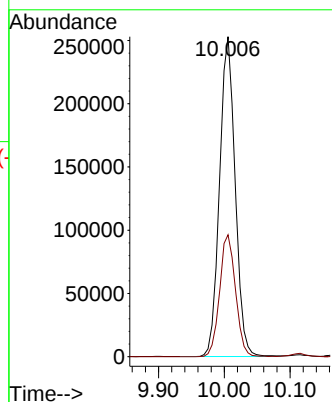
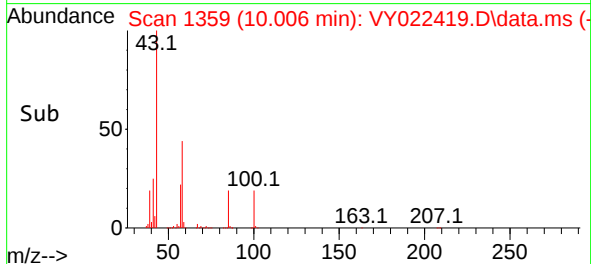
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



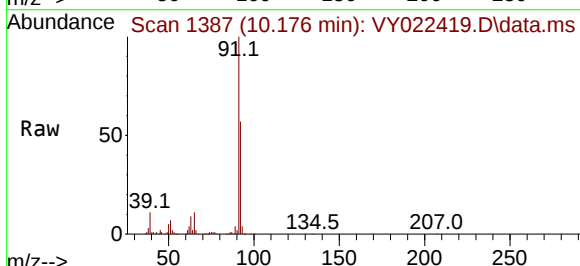
Tgt Ion: 43 Resp: 41862
Ion Ratio Lower Upper
43 100
58 38.7 29.4 44.2

Manual Integrations
APPROVED

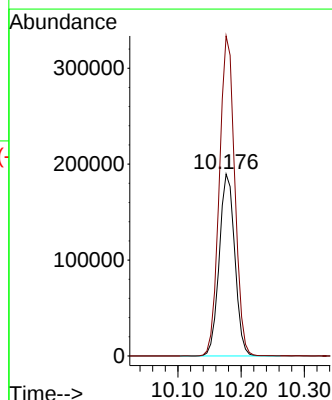
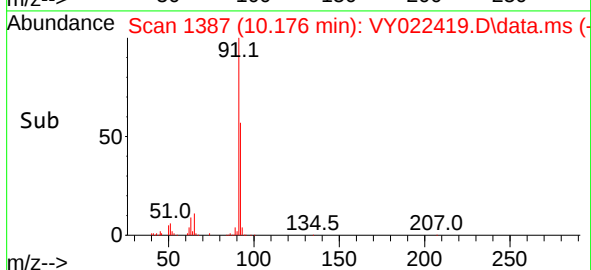
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

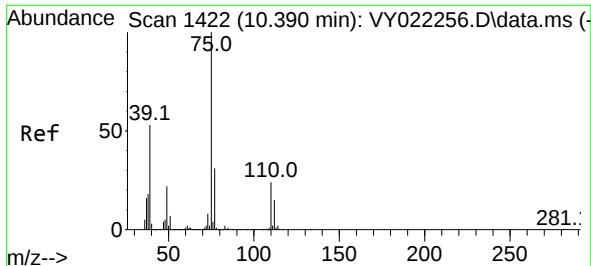


#52
Toluene
Concen: 53.021 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



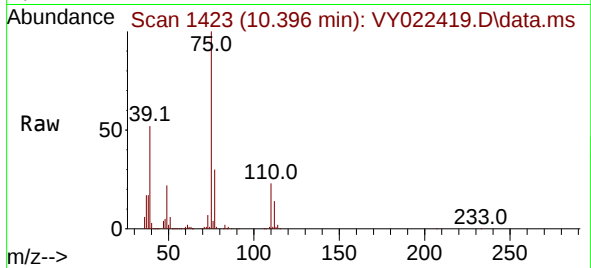
Tgt Ion: 92 Resp: 321553
Ion Ratio Lower Upper
92 100
91 174.9 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 50.611 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

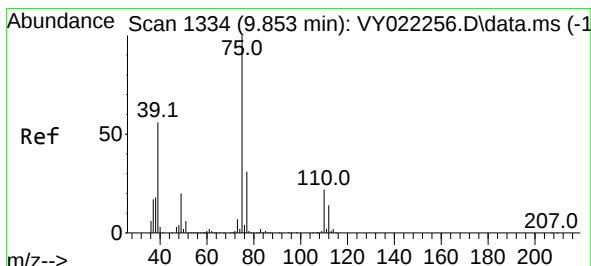
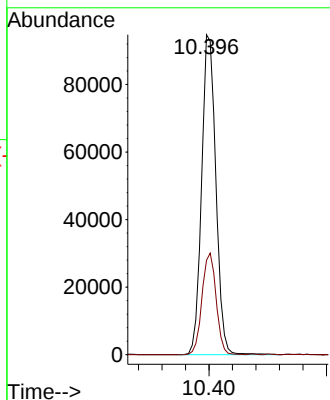
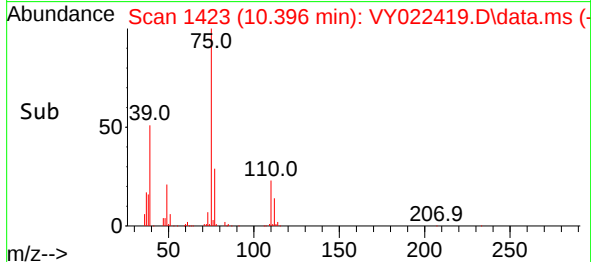
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 159570
Ion Ratio Lower Upper
75 100
77 29.5 25.0 37.6

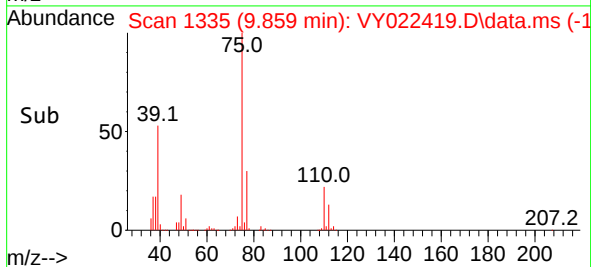
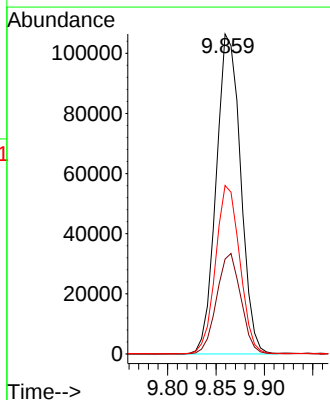
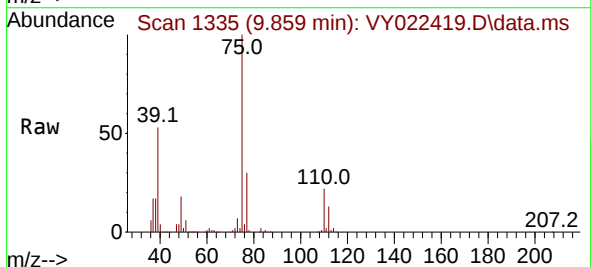
Manual Integrations
APPROVED

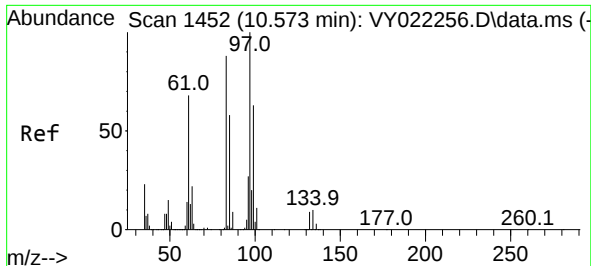
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#54
cis-1,3-Dichloropropene
Concen: 51.692 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

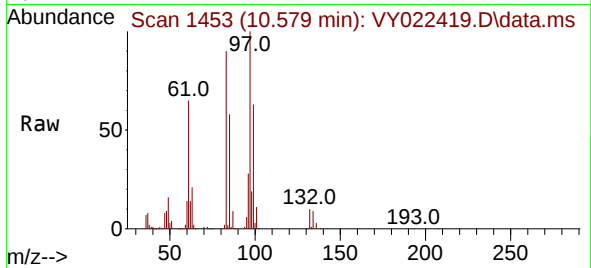
Tgt Ion: 75 Resp: 186733
Ion Ratio Lower Upper
75 100
77 29.6 25.1 37.7
39 52.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 54.714 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

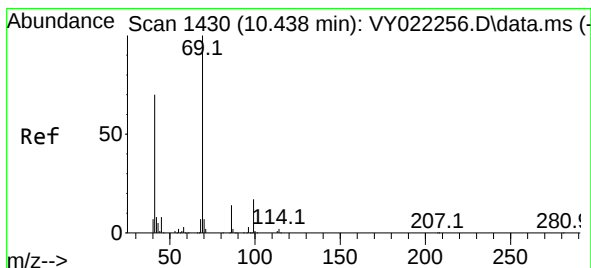
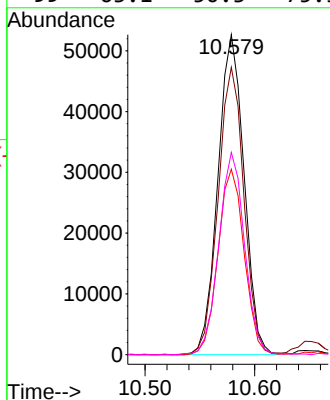
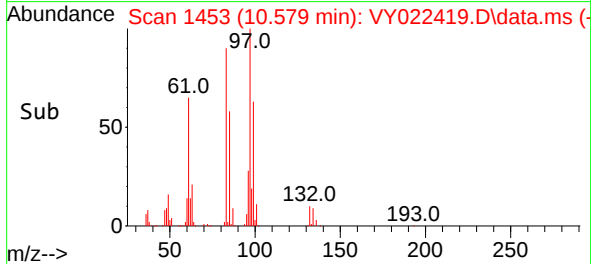
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



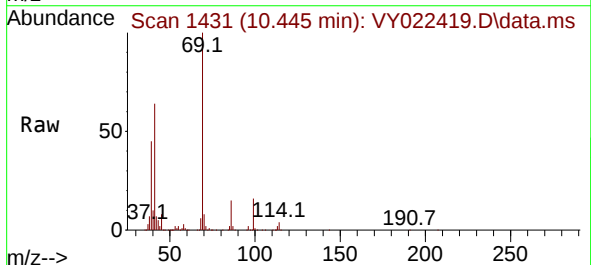
Tgt Ion: 97 Resp: 8725
Ion Ratio Lower Upper
97 100
83 89.8 70.3 105.5
85 58.0 46.2 69.4
99 63.1 50.3 75.5

Manual Integrations
APPROVED

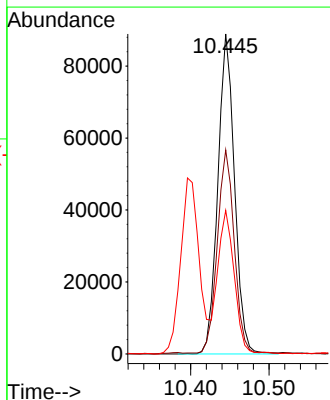
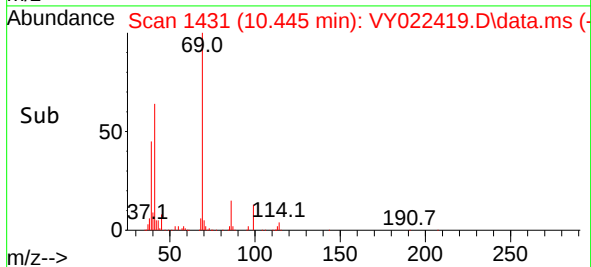
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

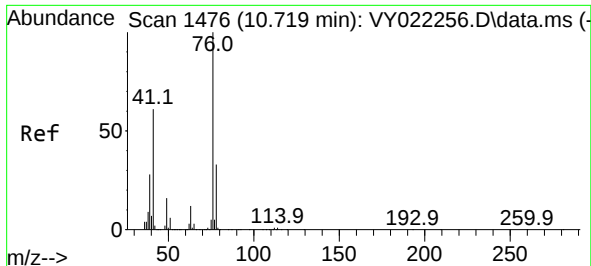


#56
Ethyl methacrylate
Concen: 53.108 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



Tgt Ion: 69 Resp: 131927
Ion Ratio Lower Upper
69 100
41 64.5 56.5 84.7
39 43.3 37.1 55.7





#57

1,3-Dichloropropane

Concen: 54.669 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 154902

Ion Ratio Lower Upper

76 100

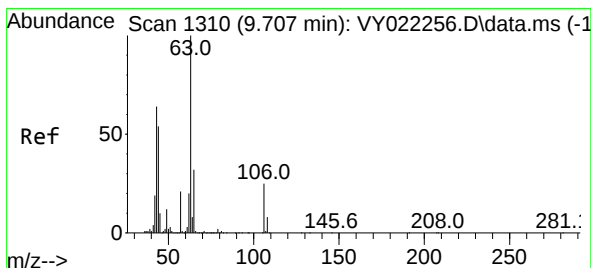
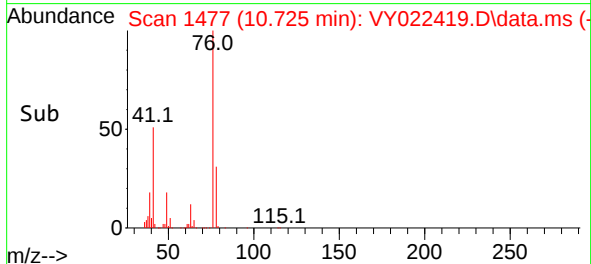
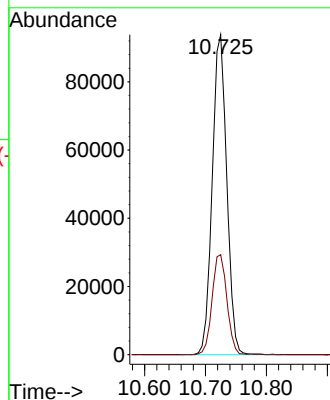
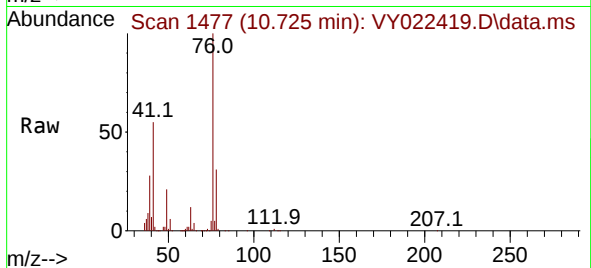
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 285.424 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022419.D

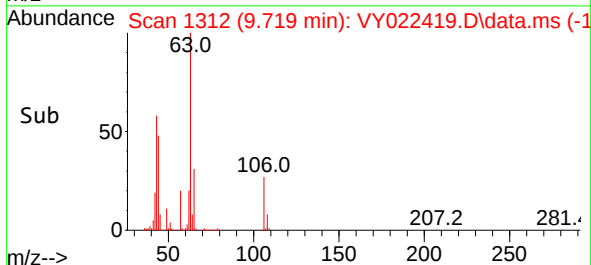
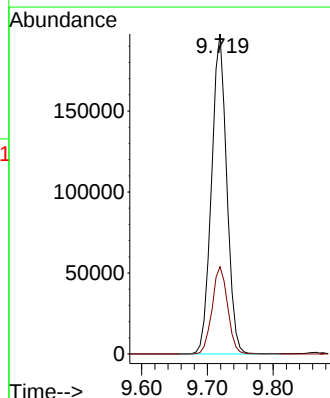
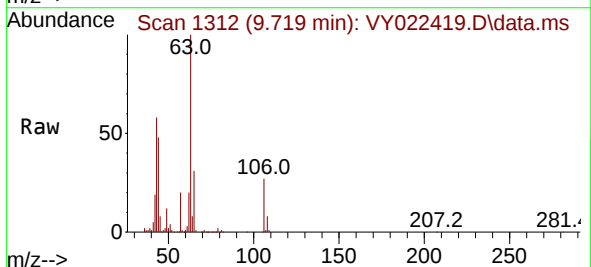
Acq: 23 May 2025 21:05

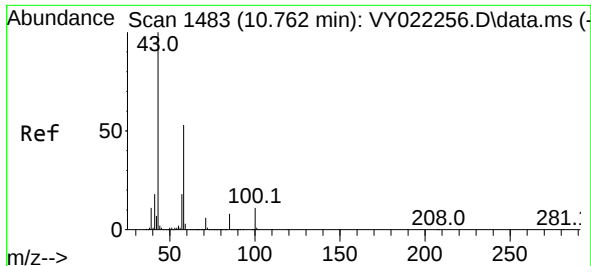
Tgt Ion: 63 Resp: 318247

Ion Ratio Lower Upper

63 100

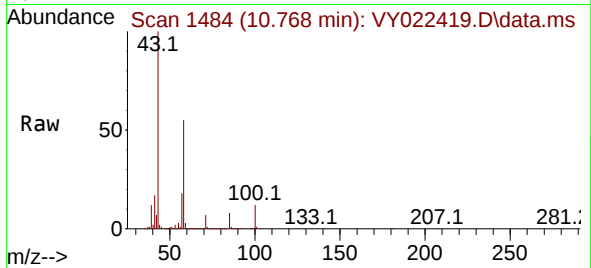
106 27.6 21.0 31.4





#59
2-Hexanone
Concen: 247.514 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

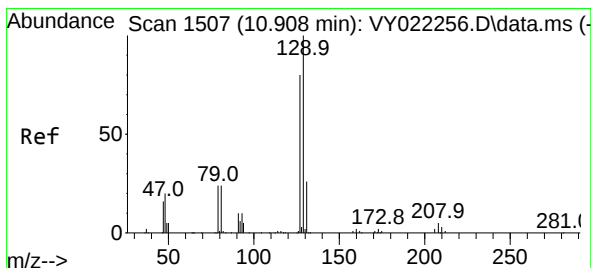
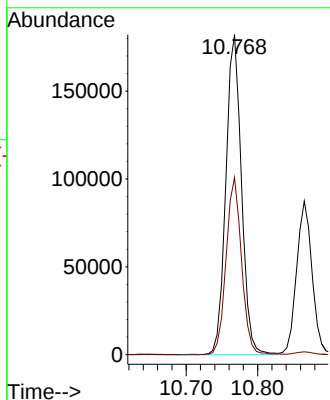
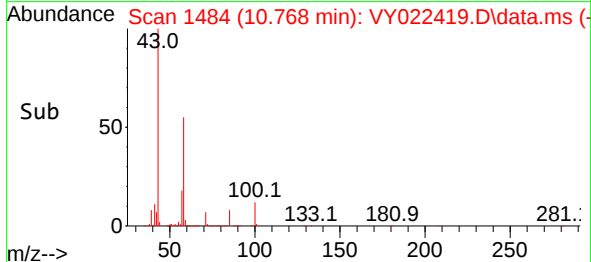
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



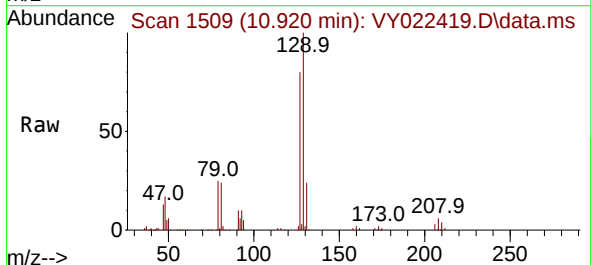
Tgt Ion: 43 Resp: 276044
Ion Ratio Lower Upper
43 100
58 54.7 26.1 78.3

Manual Integrations
APPROVED

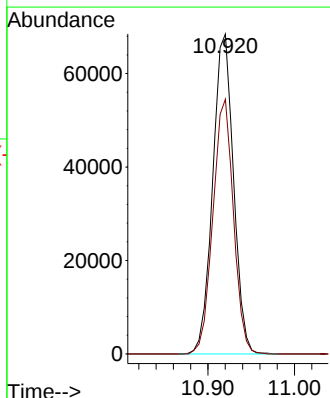
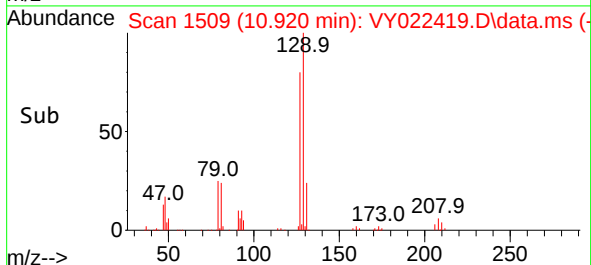
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

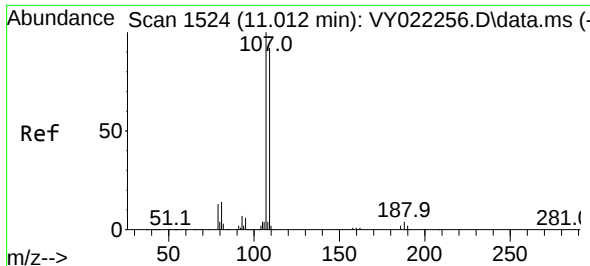


#60
Dibromochloromethane
Concen: 55.133 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



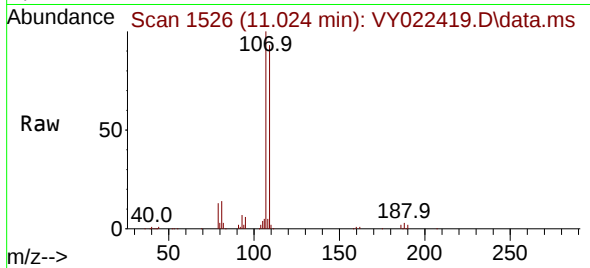
Tgt Ion:129 Resp: 114120
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 55.980 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

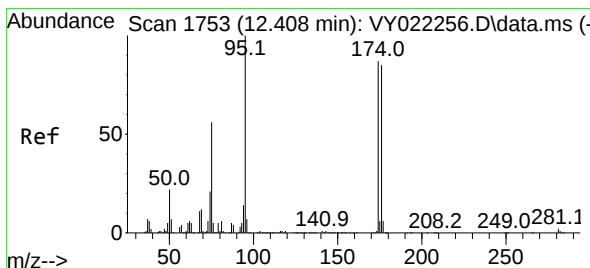
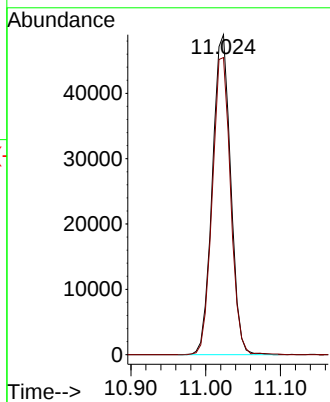
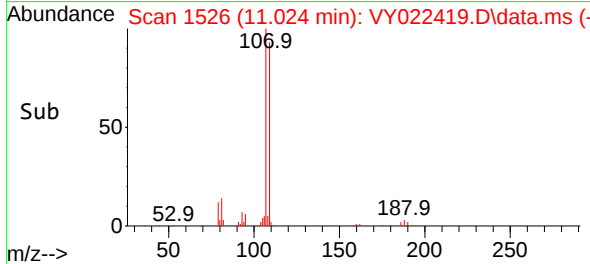
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 8320
Ion Ratio Lower Upper
107 100
109 92.9 74.6 111.8

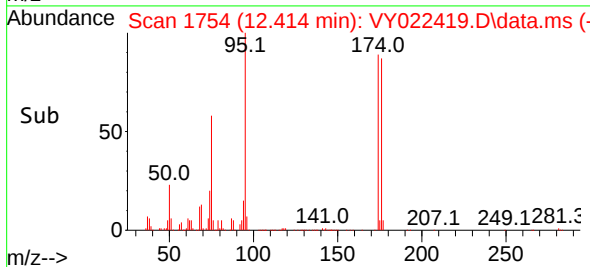
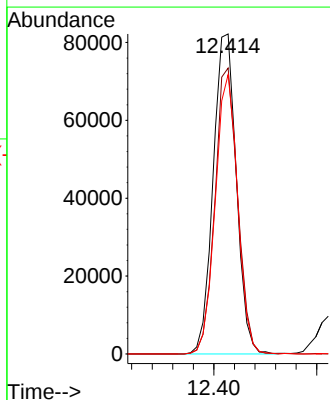
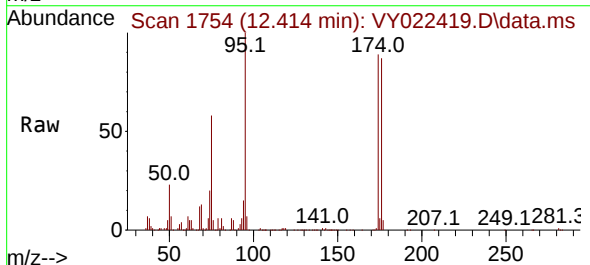
Manual Integrations
APPROVED

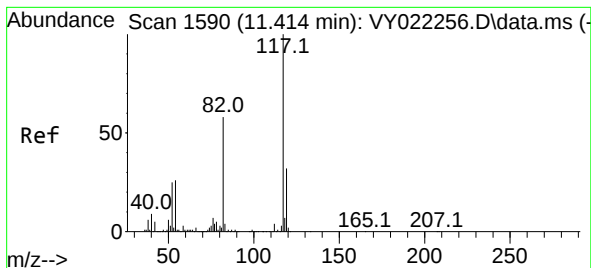
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#62
4-Bromofluorobenzene
Concen: 50.386 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

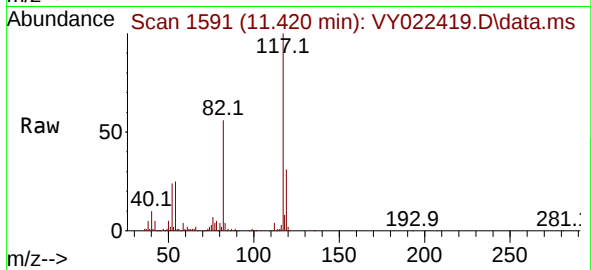
Tgt Ion: 95 Resp: 128293
Ion Ratio Lower Upper
95 100
174 87.6 0.0 166.8
176 84.5 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

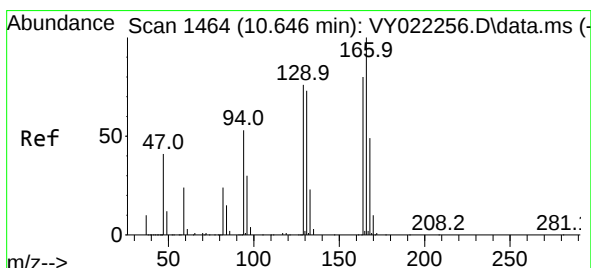
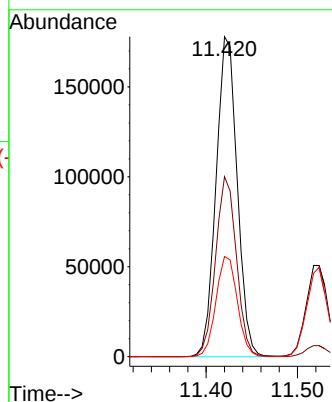
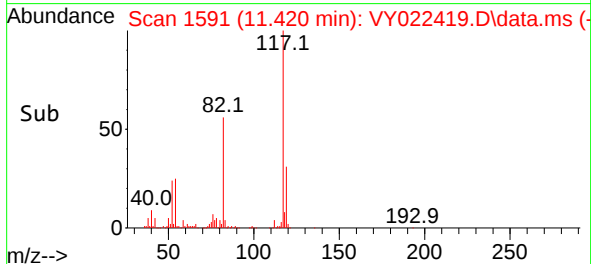
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



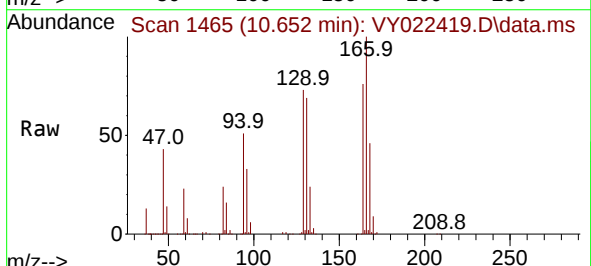
Tgt Ion:117 Resp: 286352
Ion Ratio Lower Upper
117 100
82 56.2 46.6 70.0
119 31.3 25.8 38.6

Manual Integrations
APPROVED

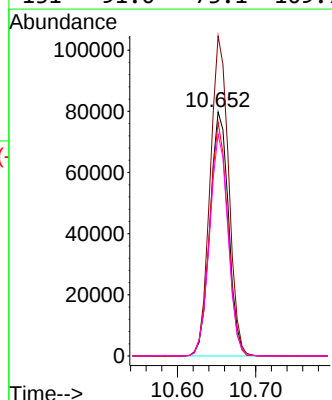
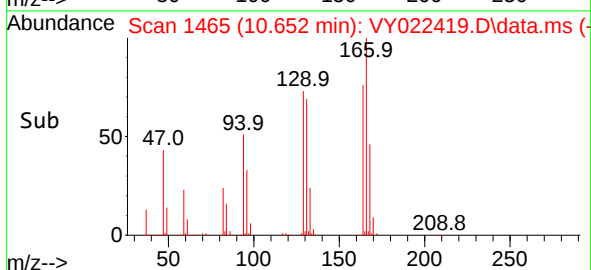
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

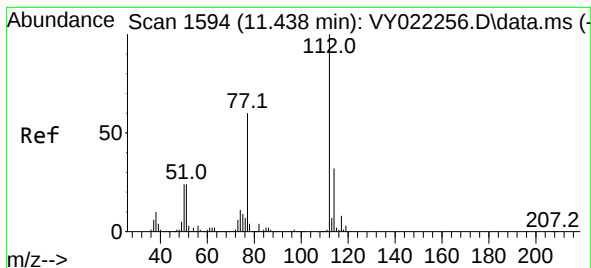


#64
Tetrachloroethene
Concen: 49.735 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



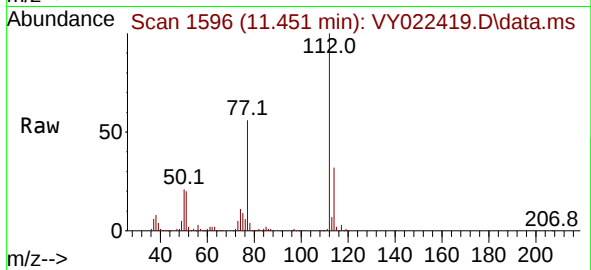
Tgt Ion:164 Resp: 131639
Ion Ratio Lower Upper
164 100
166 131.2 100.4 150.6
129 95.7 76.4 114.6
131 91.0 73.1 109.7





#65
Chlorobenzene
Concen: 53.600 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

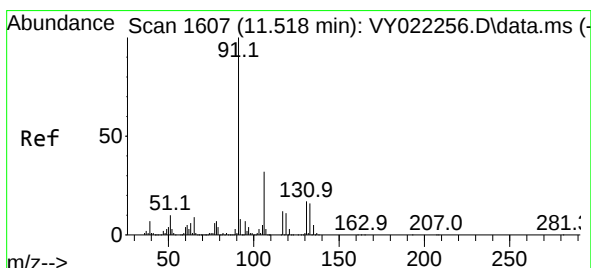
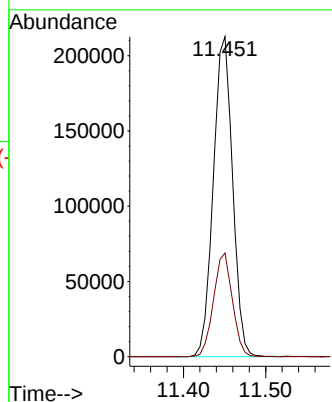
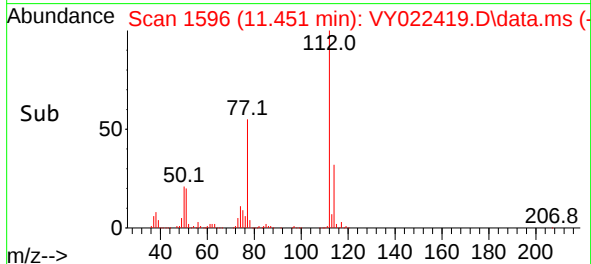
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



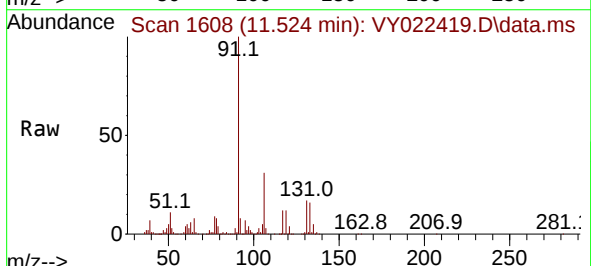
Tgt Ion:112 Resp: 346274
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

Manual Integrations
APPROVED

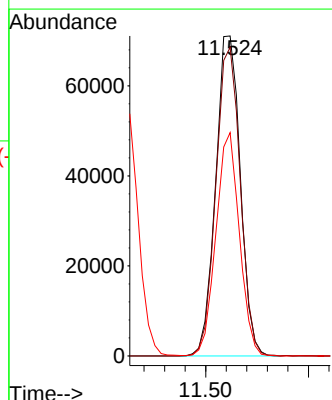
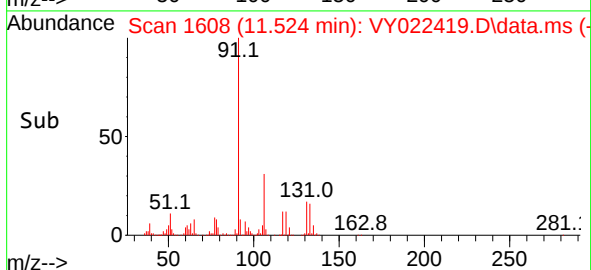
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

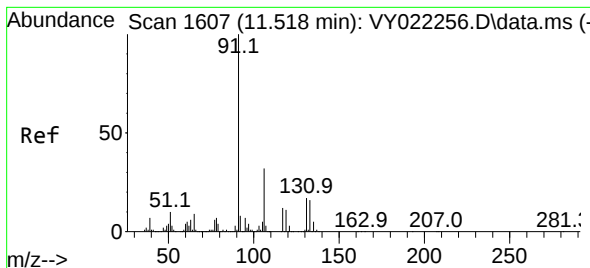


#66
1,1,1,2-Tetrachloroethane
Concen: 53.225 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



Tgt Ion:131 Resp: 118210
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 66.5 33.1 99.2





#67

Ethyl Benzene

Concen: 52.133 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 63075

Ion Ratio Lower Upper

91 100

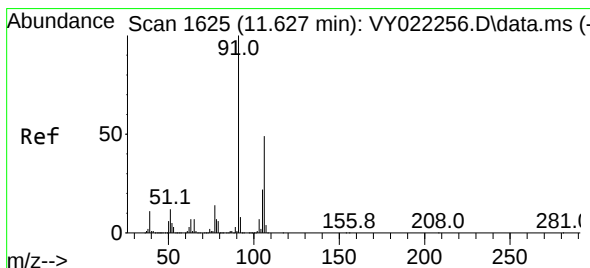
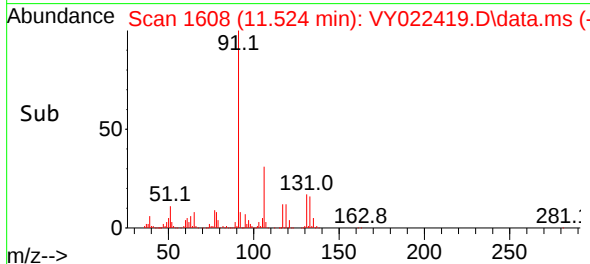
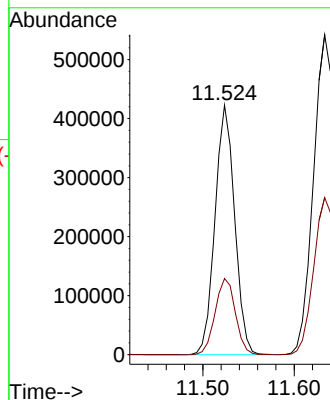
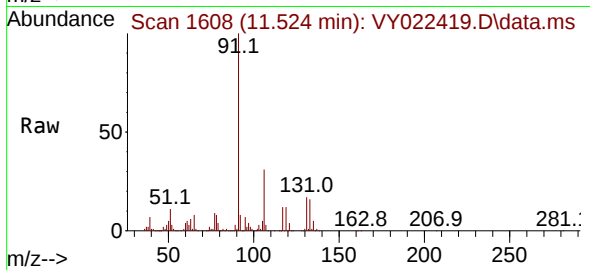
106 30.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#68

m/p-Xylenes

Concen: 103.825 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022419.D

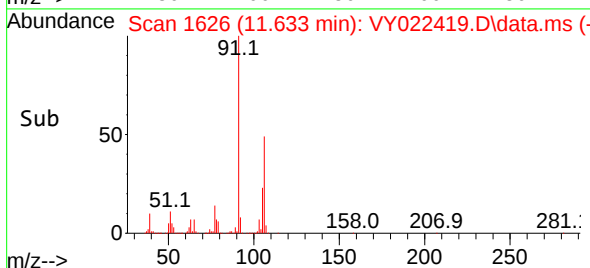
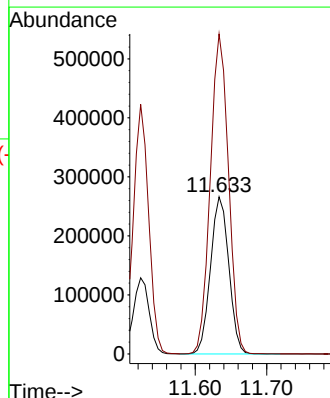
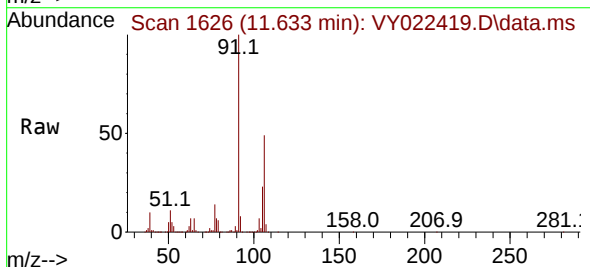
Acq: 23 May 2025 21:05

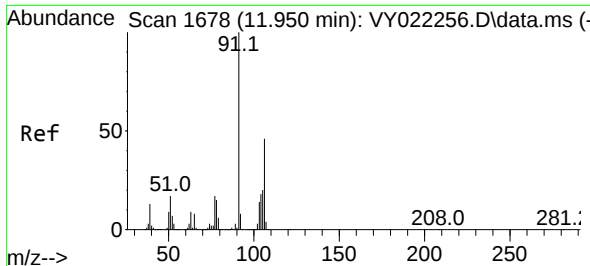
Tgt Ion:106 Resp: 473349

Ion Ratio Lower Upper

106 100

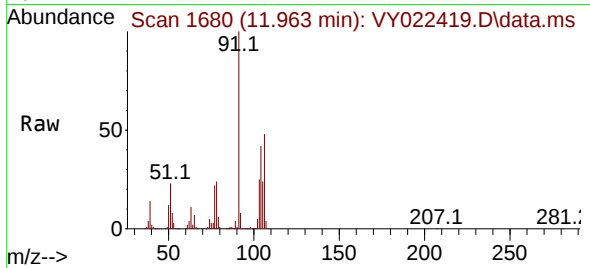
91 202.2 163.0 244.4





#69
o-Xylene
Concen: 52.372 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

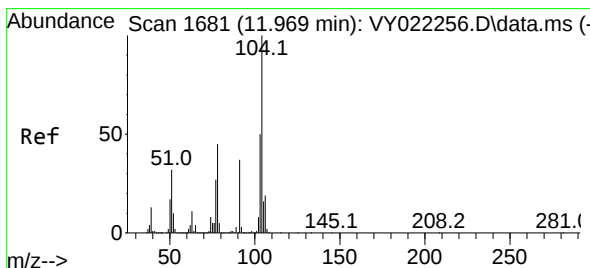
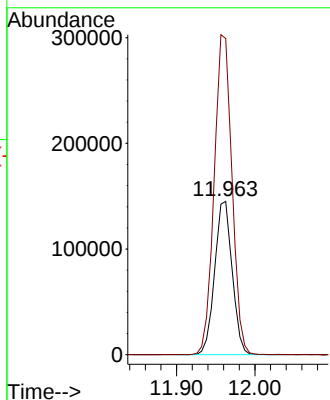
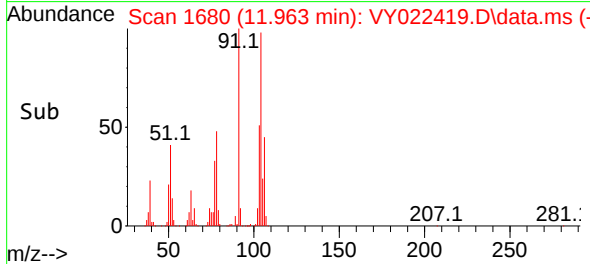
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 225904
Ion Ratio Lower Upper
106 100
91 211.8 108.3 324.8

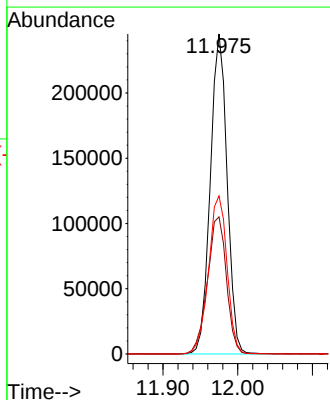
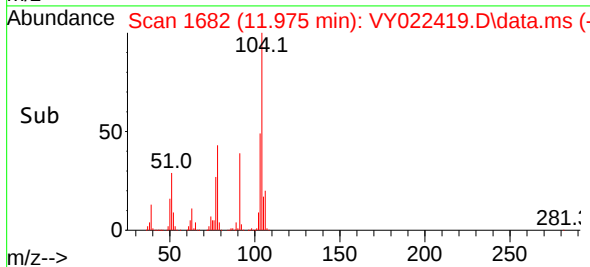
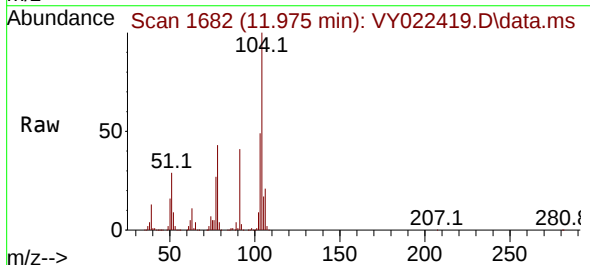
Manual Integrations
APPROVED

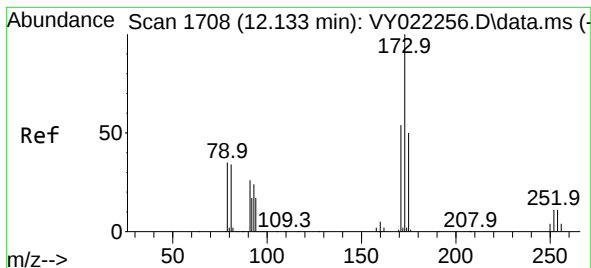
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#70
Styrene
Concen: 52.878 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

Tgt Ion:104 Resp: 384747
Ion Ratio Lower Upper
104 100
78 48.4 40.9 61.3
103 54.4 43.7 65.5





#71

Bromoform

Concen: 52.537 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

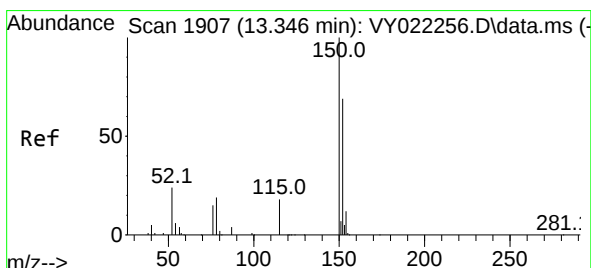
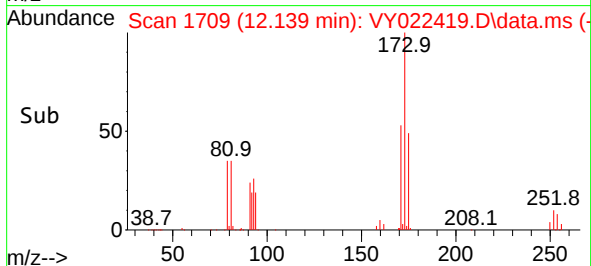
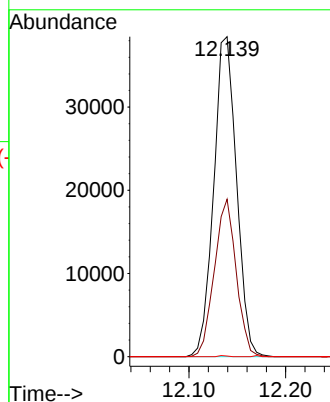
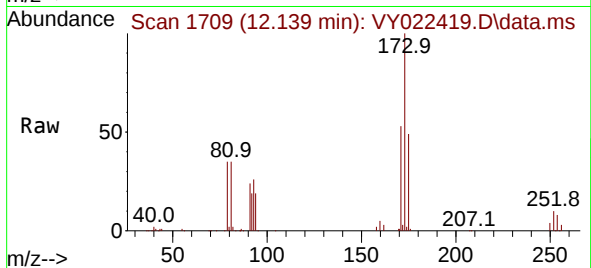
Tgt Ion:173 Resp: 62980

Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.7	74.1
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

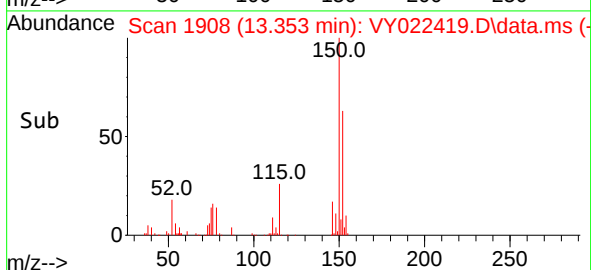
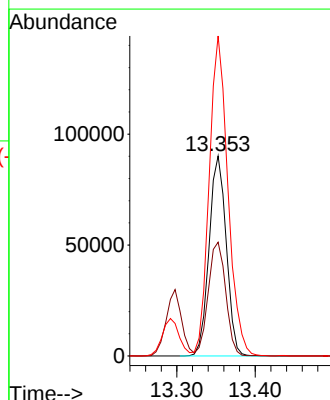
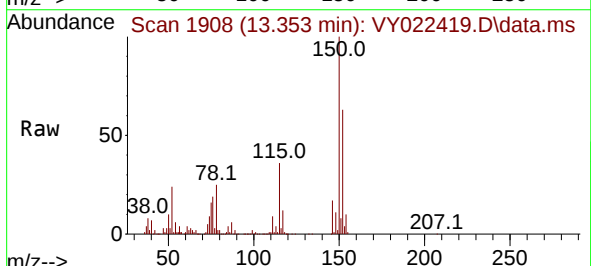
Delta R.T. 0.006 min

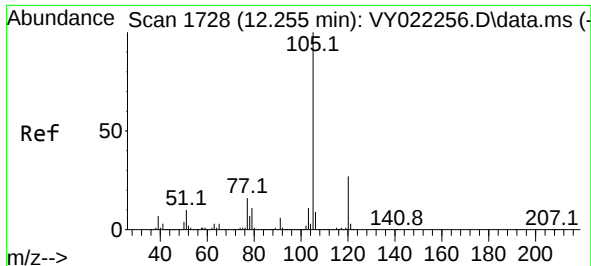
Lab File: VY022419.D

Acq: 23 May 2025 21:05

Tgt Ion:152 Resp: 137202

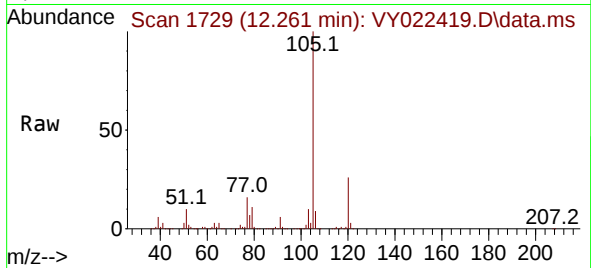
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.4	88.2
150	174.5	0.0	353.8





#73
Isopropylbenzene
Concen: 52.375 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

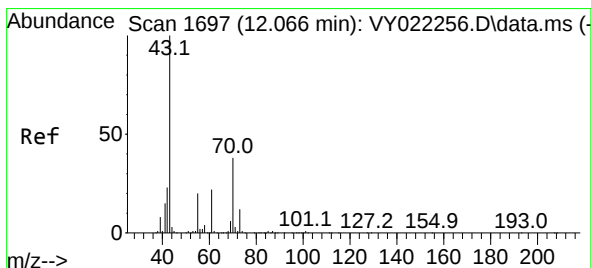
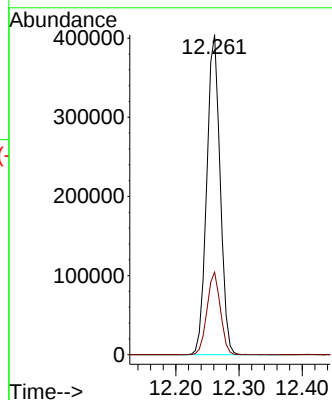
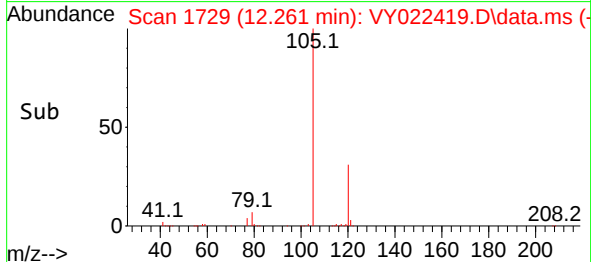
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



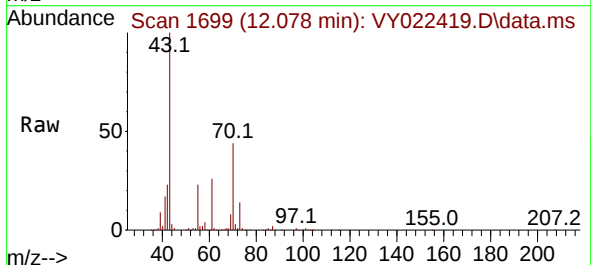
Tgt Ion:105 Resp: 595320
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6

Manual Integrations
APPROVED

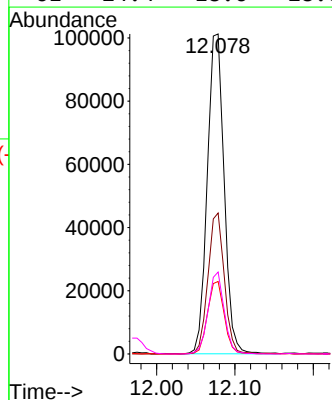
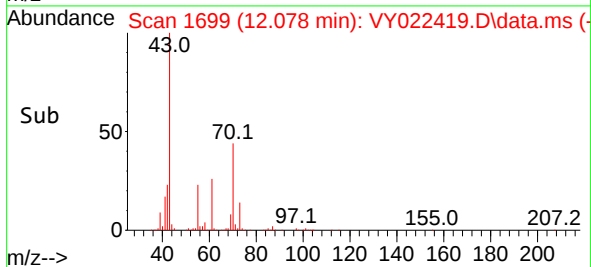
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

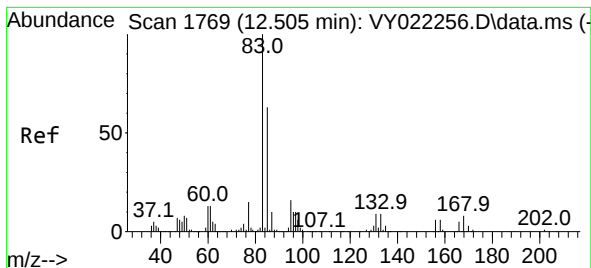


#74
N-ethyl acetate
Concen: 46.439 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.012 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



Tgt Ion: 43 Resp: 150966
Ion Ratio Lower Upper
43 100
70 42.9 31.4 47.0
55 22.5 17.0 25.6
61 24.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.360 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

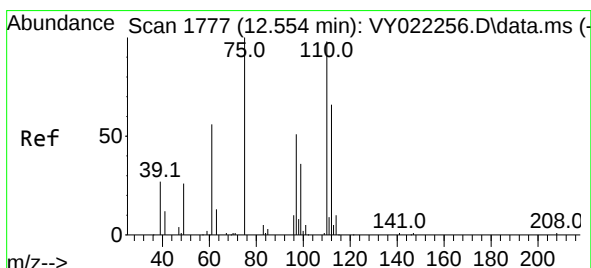
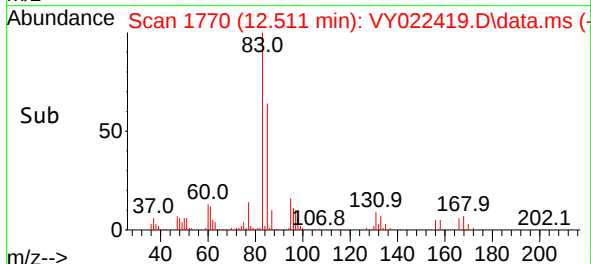
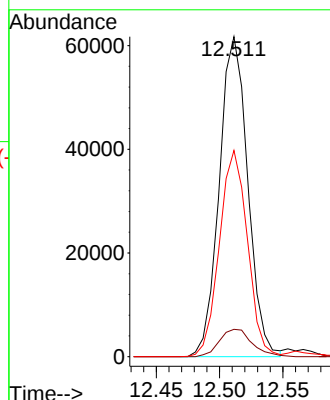
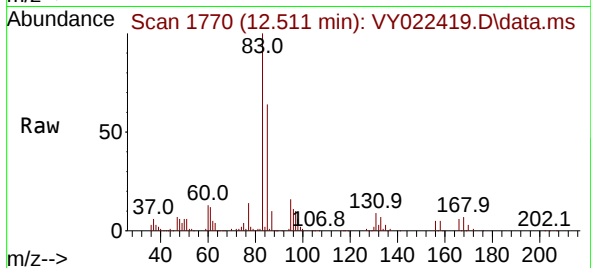
VSTDCCC050EC

Tgt Ion: 83	Resp: 9677
Ion Ratio	Lower Upper
83	100
131	9.8 4.9 14.7
85	63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#76

1,2,3-Trichloropropane

Concen: 49.574 ug/l m

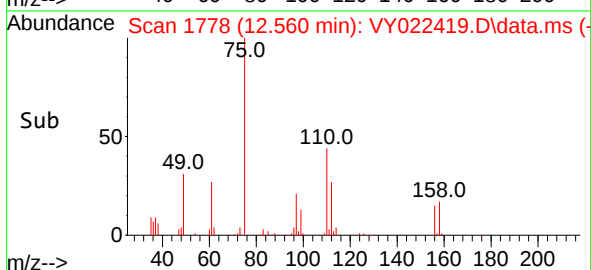
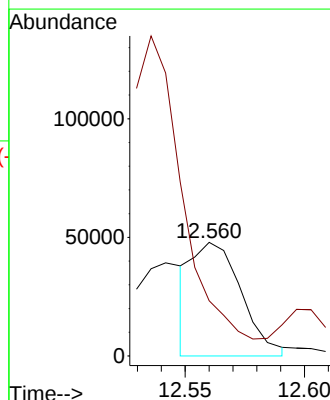
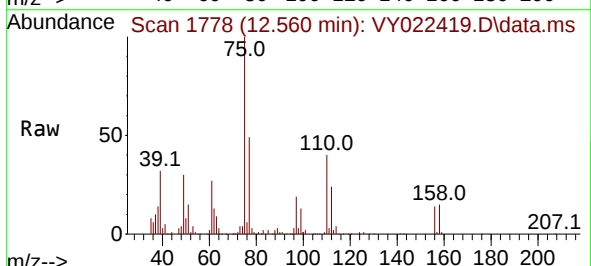
RT: 12.560 min Scan# 1778

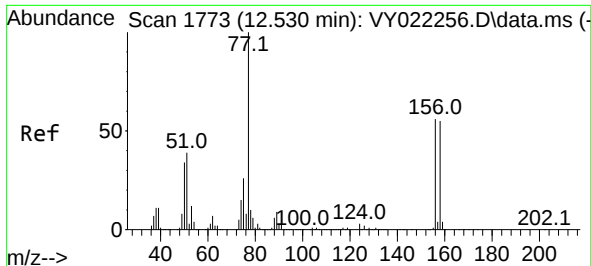
Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

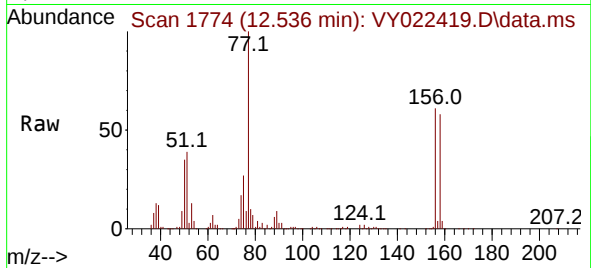
Tgt Ion: 75	Resp: 68908
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.120 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

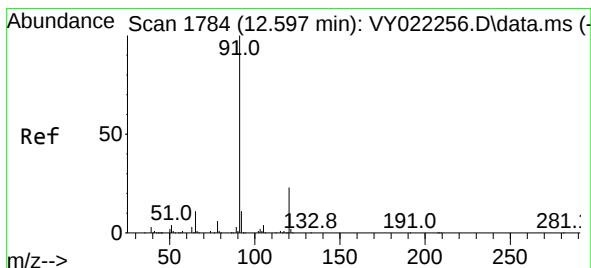
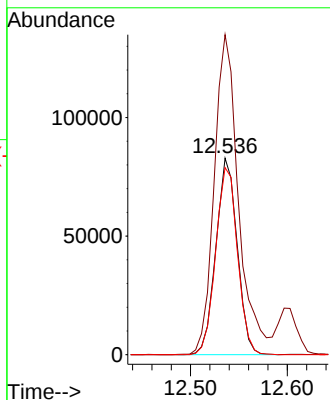
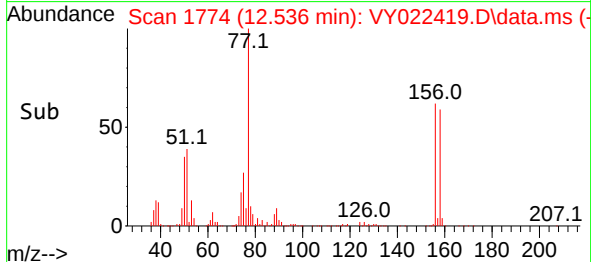
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



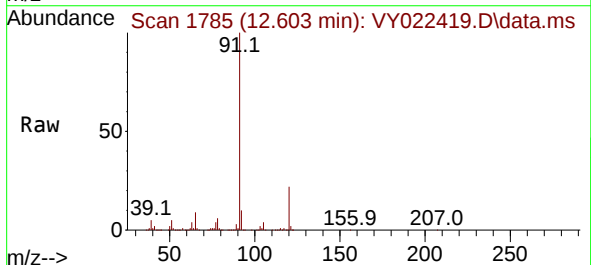
Tgt Ion:156 Resp: 126529
Ion Ratio Lower Upper
156 100
77 184.9 94.5 283.6
158 97.7 48.4 145.3

Manual Integrations
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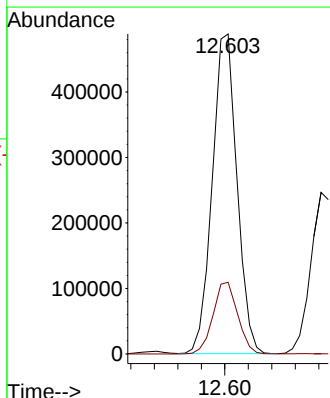
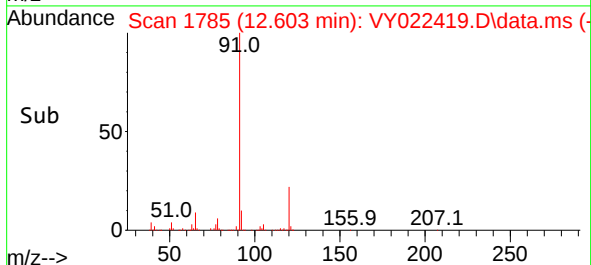
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

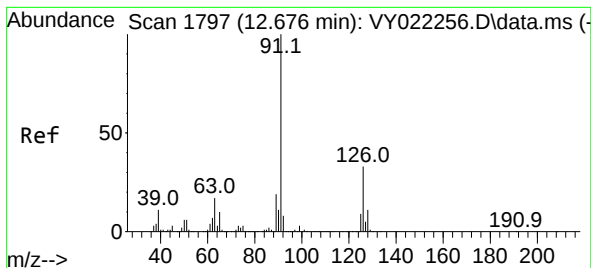


#78
n-propylbenzene
Concen: 52.044 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



Tgt Ion: 91 Resp: 713535
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 50.777 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 38256

Ion Ratio Lower Upper

91 100

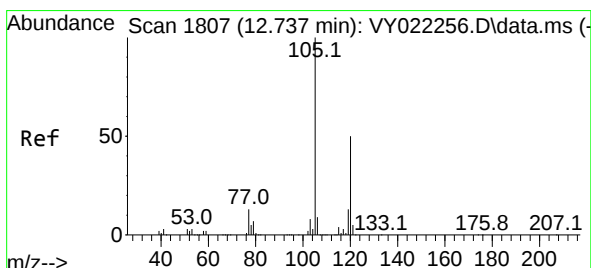
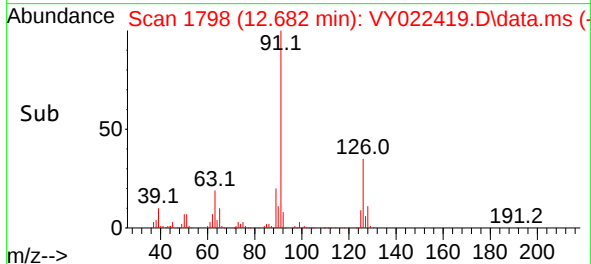
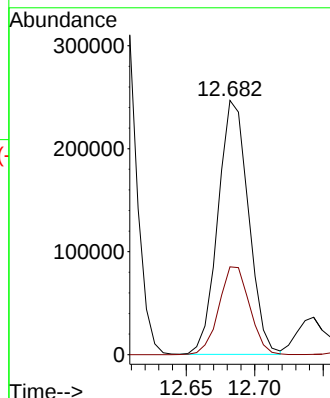
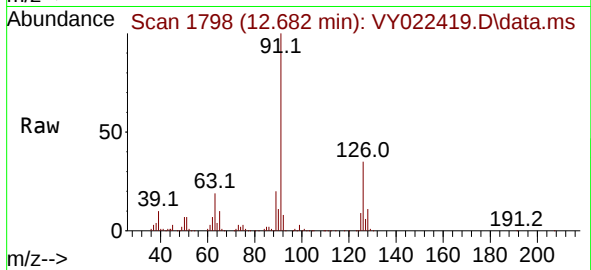
126 34.8 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#80

1,3,5-Trimethylbenzene

Concen: 50.822 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY022419.D

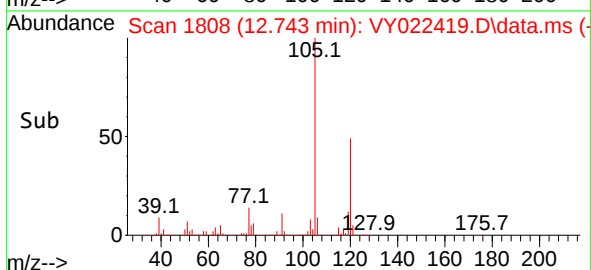
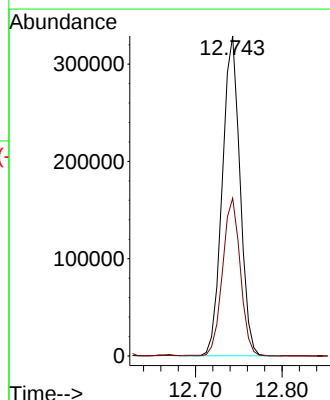
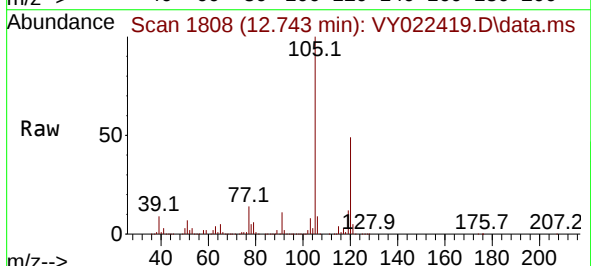
Acq: 23 May 2025 21:05

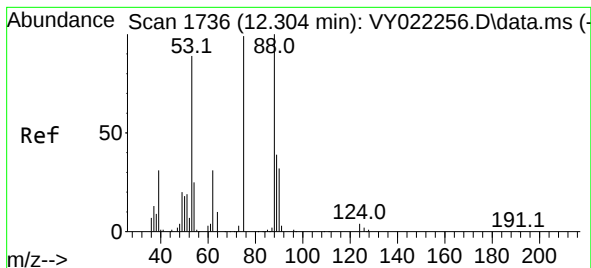
Tgt Ion:105 Resp: 466319

Ion Ratio Lower Upper

105 100

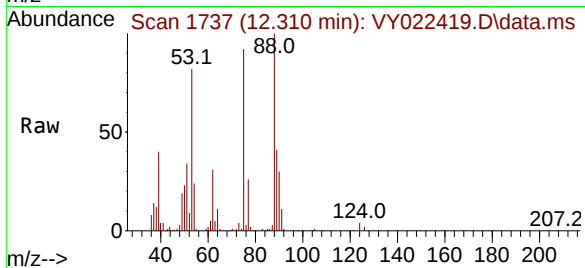
120 49.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.849 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

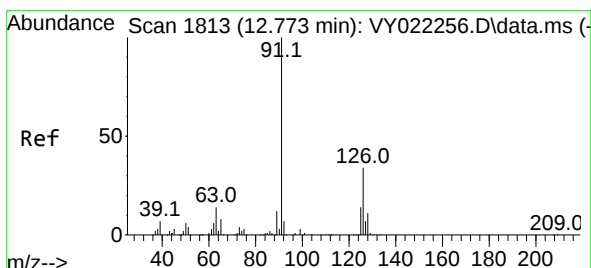
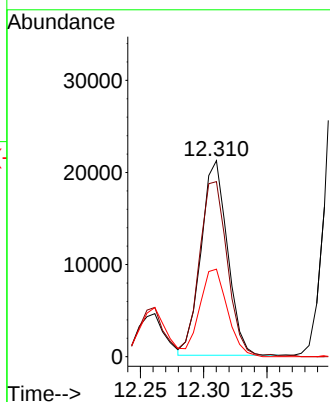
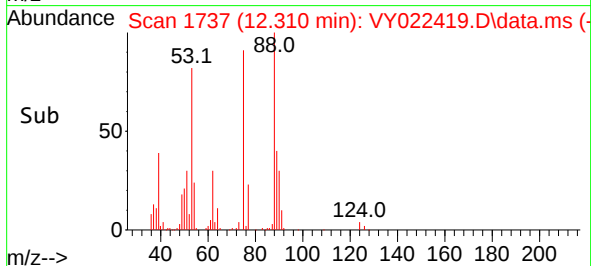
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 30774
Ion Ratio Lower Upper
75 100
53 95.8 75.8 113.8
89 46.5 36.2 54.2

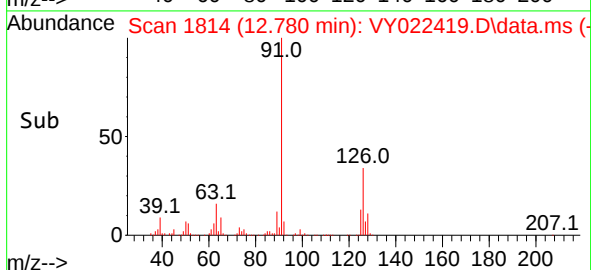
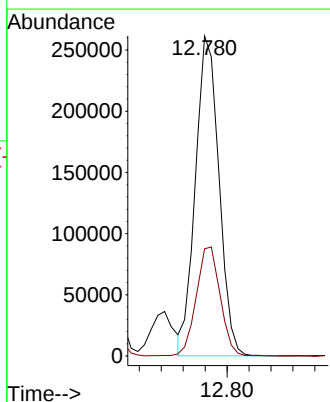
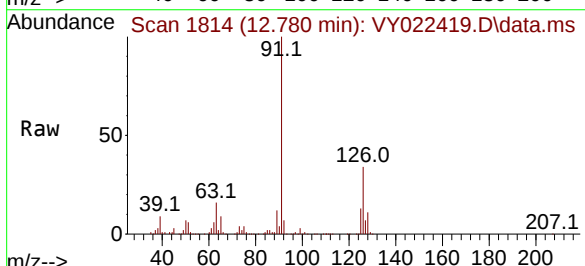
Manual Integrations
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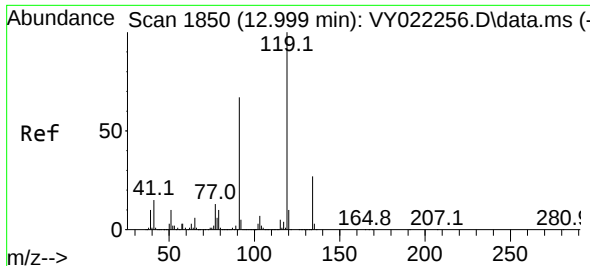
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#82
4-Chlorotoluene
Concen: 50.304 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

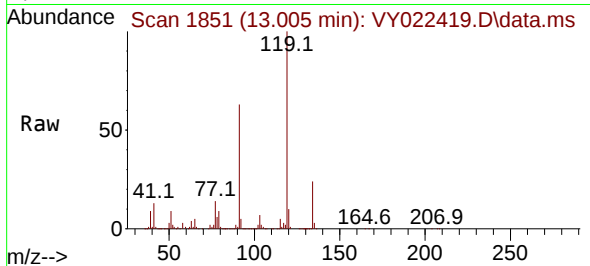
Tgt Ion: 91 Resp: 389835
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4





#83
tert-Butylbenzene
Concen: 52.759 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

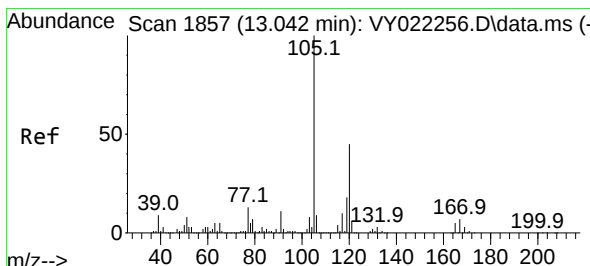
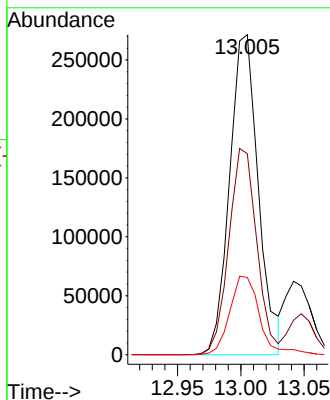
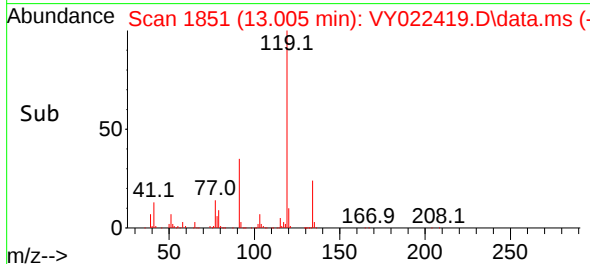
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



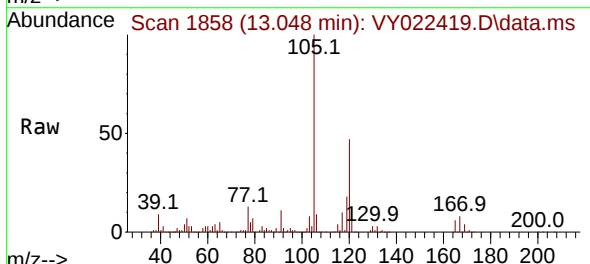
Tgt Ion:119 Resp: 430259
Ion Ratio Lower Upper
119 100
91 62.8 32.8 98.3
134 25.5 12.9 38.6

Manual Integrations
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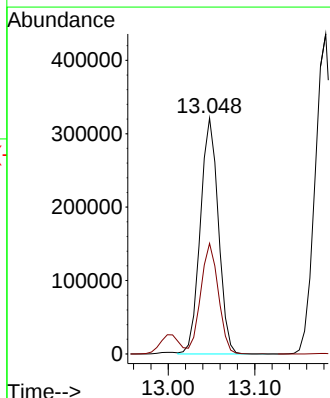
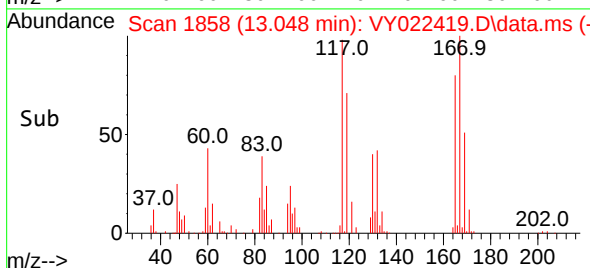
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

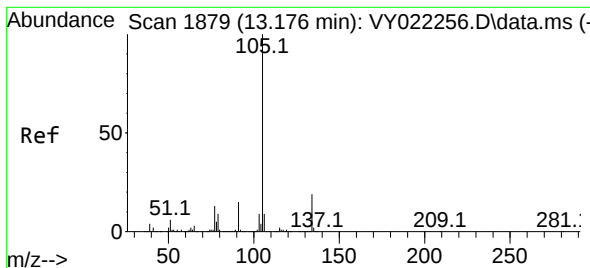


#84
1,2,4-Trimethylbenzene
Concen: 50.919 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



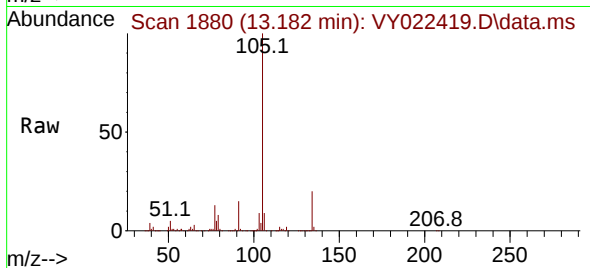
Tgt Ion:105 Resp: 463785
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 52.239 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05

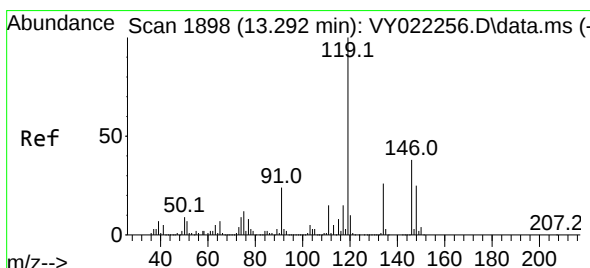
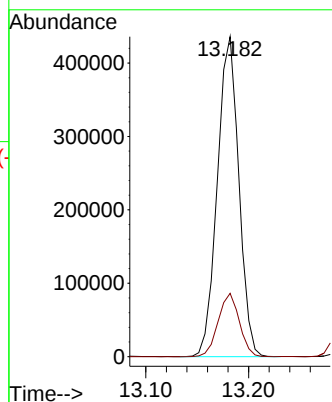
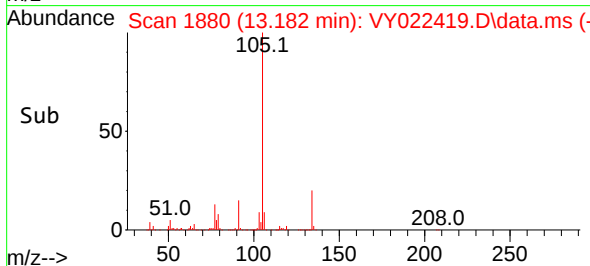
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



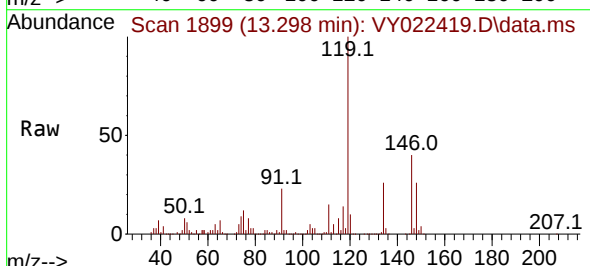
Tgt Ion:105 Resp: 63239
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5

Manual Integrations
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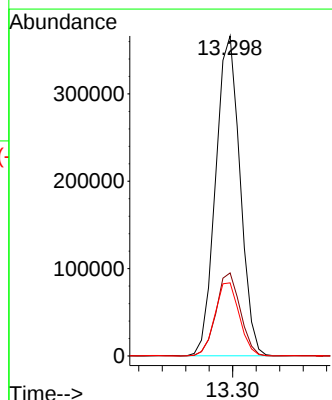
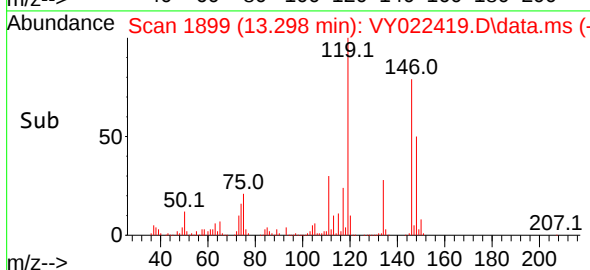
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025

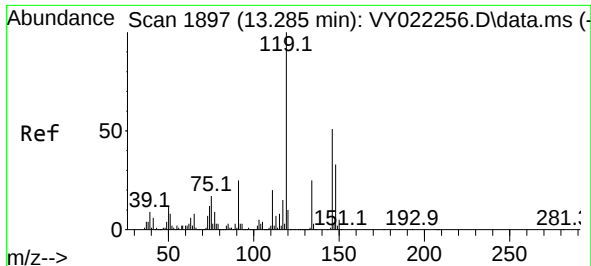


#86
 p-Isopropyltoluene
 Concen: 51.884 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022419.D
 Acq: 23 May 2025 21:05



Tgt Ion:119 Resp: 528265
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.302 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022419.D

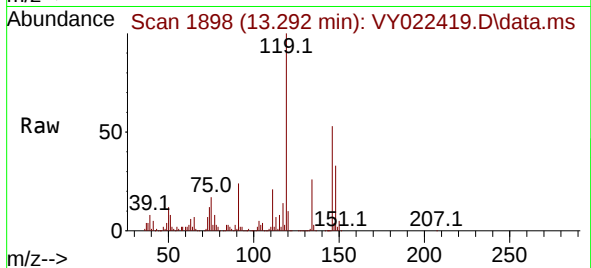
Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 25920

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

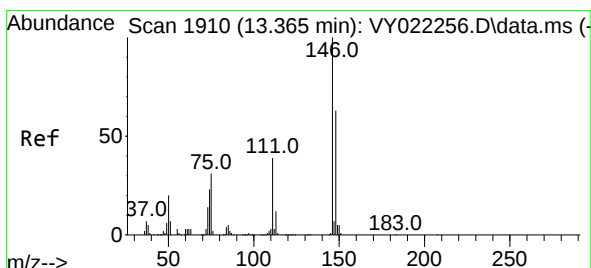
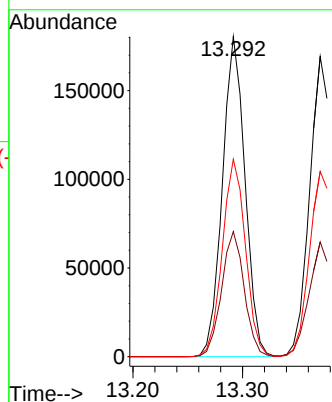
148 63.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#88

1,4-Dichlorobenzene

Concen: 52.297 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

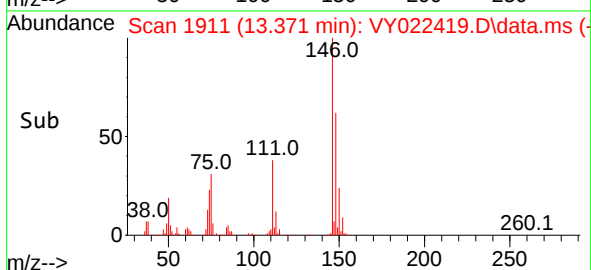
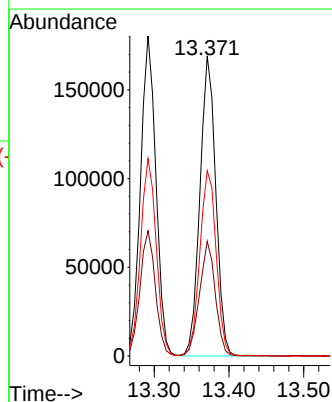
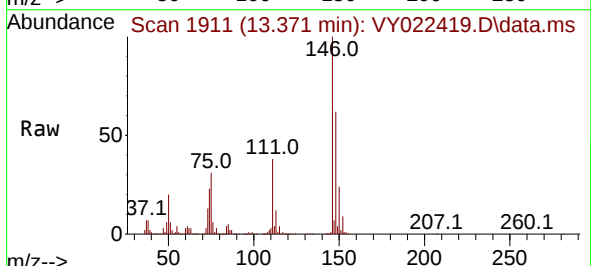
Tgt Ion:146 Resp: 249302

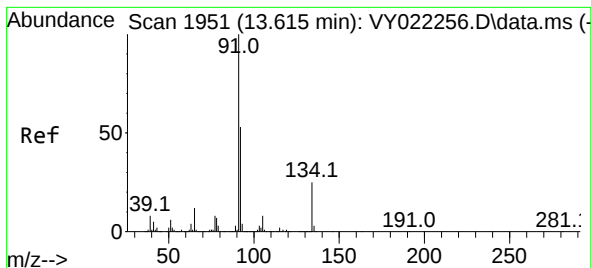
Ion Ratio Lower Upper

146 100

111 38.1 20.0 59.9

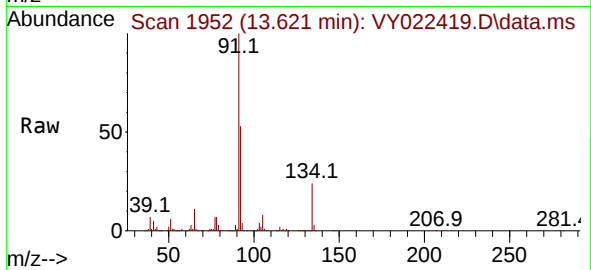
148 63.9 32.1 96.5





#89
n-Butylbenzene
Concen: 50.922 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

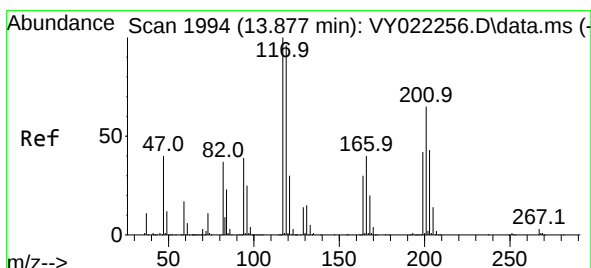
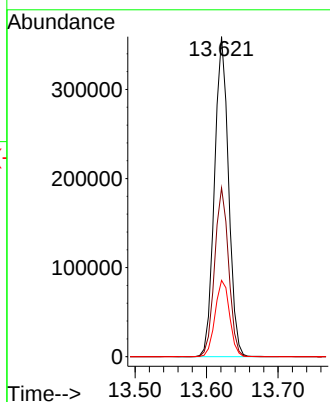
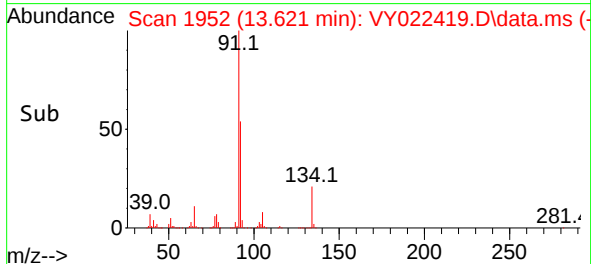
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 490497
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 24.6 12.4 37.4

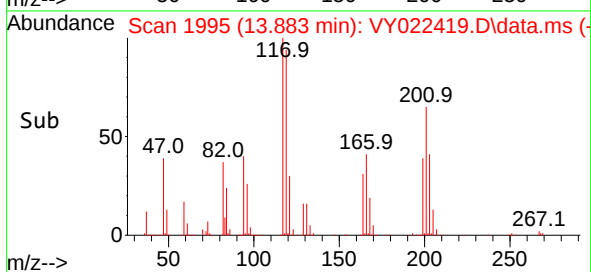
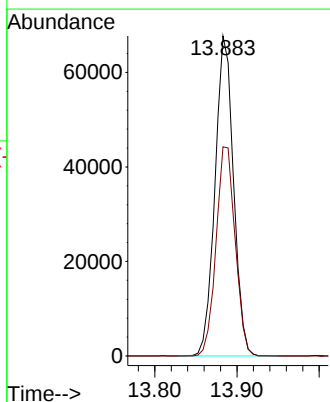
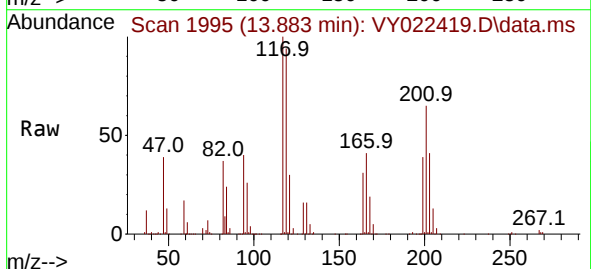
Manual Integrations
APPROVED

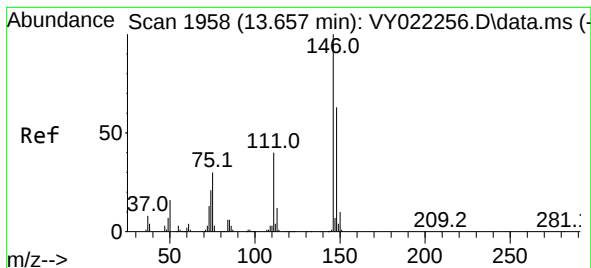
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#90
Hexachloroethane
Concen: 51.508 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

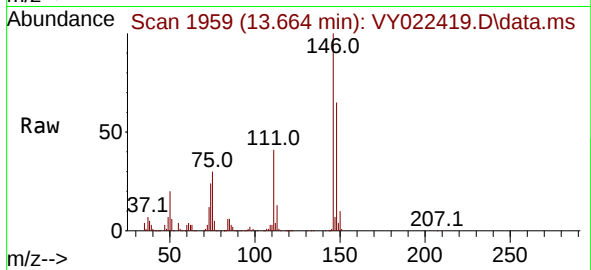
Tgt Ion:117 Resp: 105863
Ion Ratio Lower Upper
117 100
201 67.5 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 53.038 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05

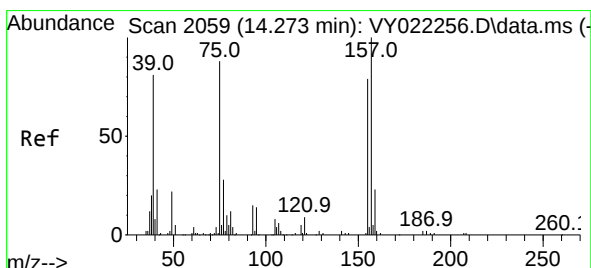
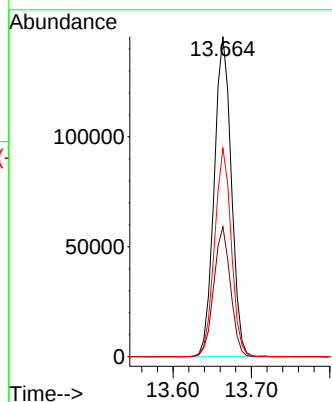
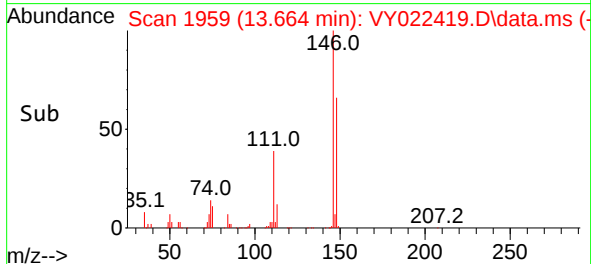
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



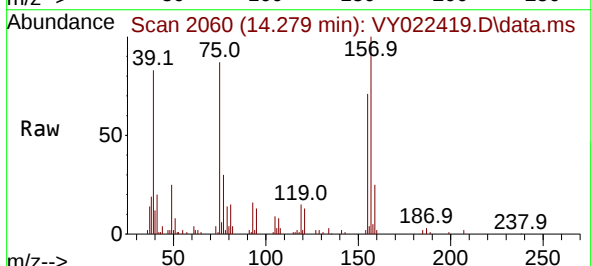
Tgt Ion:146 Resp: 220789
Ion Ratio Lower Upper
146 100
111 39.6 20.5 61.5
148 63.7 32.0 96.0

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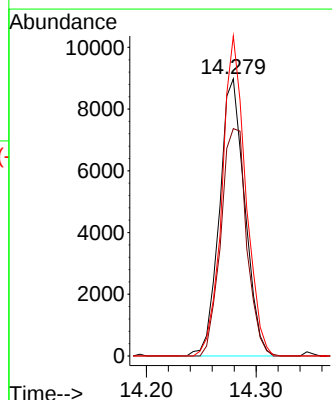
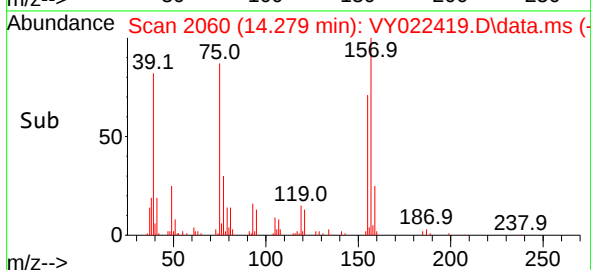
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

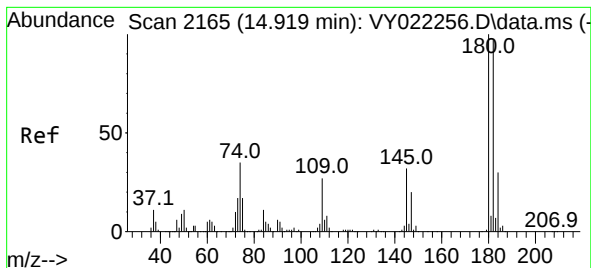


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.067 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022419.D
Acq: 23 May 2025 21:05



Tgt Ion: 75 Resp: 14395
Ion Ratio Lower Upper
75 100
155 83.6 43.4 130.1
157 107.5 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 51.582 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

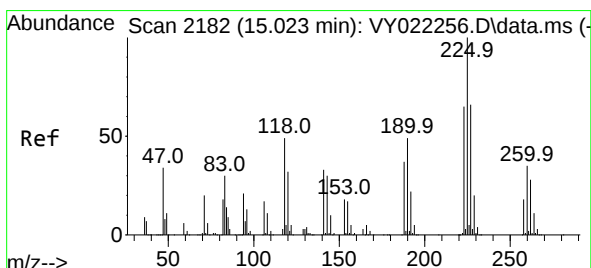
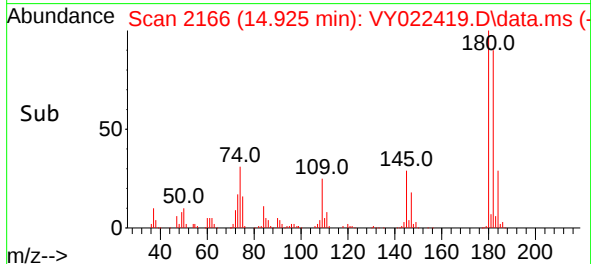
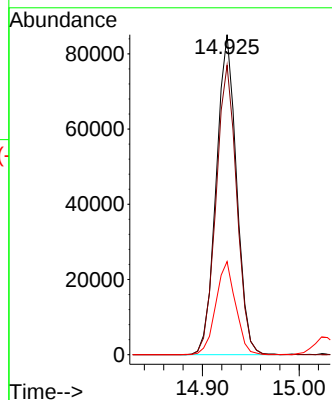
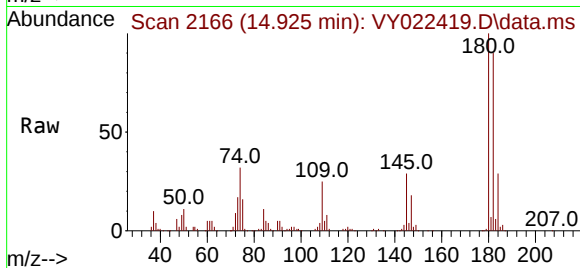
VSTDCCC050EC

Tgt Ion:180	Resp:	12403
Ion Ratio	Lower	Upper
180	100	
182	91.9	48.0 144.0
145	28.4	15.0 45.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#94

Hexachlorobutadiene

Concen: 48.374 ug/l

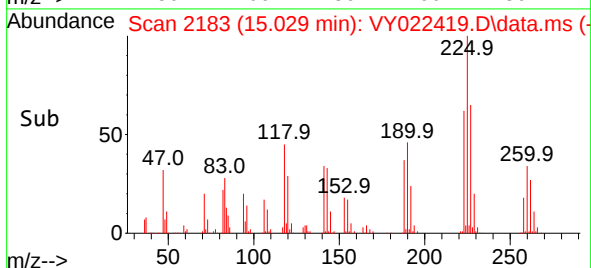
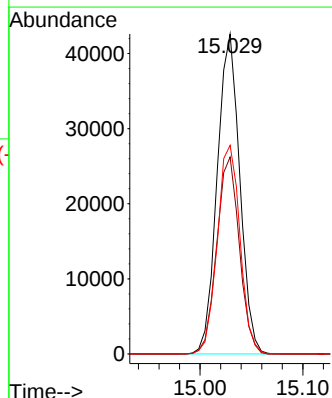
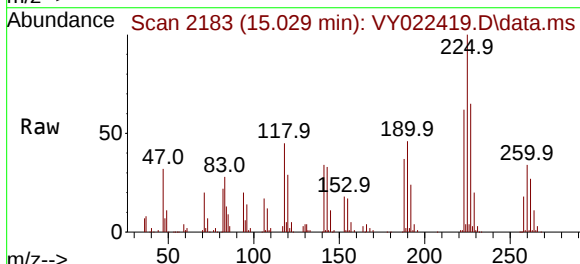
RT: 15.029 min Scan# 2183

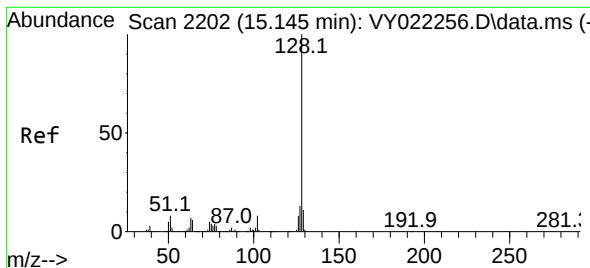
Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Tgt Ion:225	Resp:	64868
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.5 94.5
227	65.6	32.1 96.3





#95

Naphthalene

Concen: 52.156 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Instrument :

MSVOA_Y

ClientSampleId :

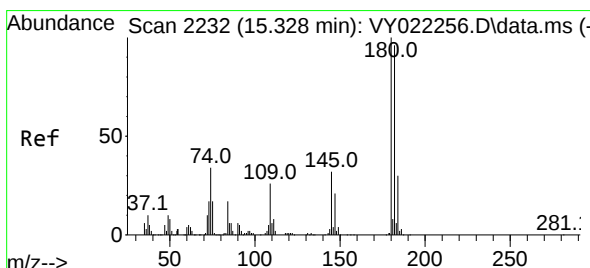
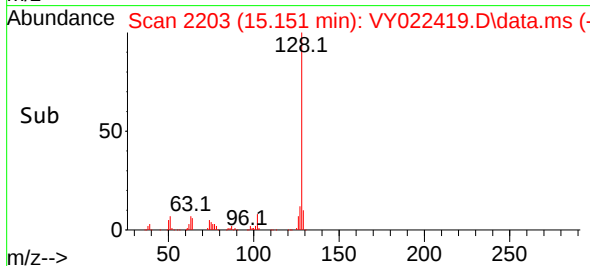
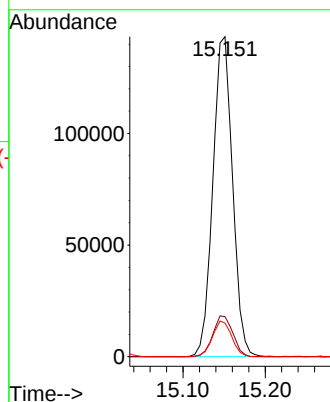
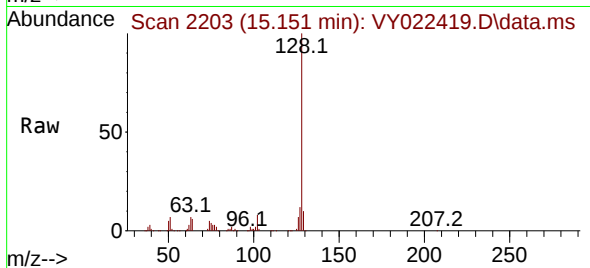
VSTDCCC050EC

Tgt Ion:128	Resp: 23799
Ion Ratio	Lower Upper
128 100	
127 13.0	10.2 15.2
129 10.9	8.8 13.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.056 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022419.D

Acq: 23 May 2025 21:05

Tgt Ion:180	Resp: 104147
Ion Ratio	Lower Upper
180 100	
182 92.9	47.1 141.3
145 30.2	15.9 47.6

