

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
 Data File : VY022119.D
 Acq On : 02 May 2025 10:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 03 02:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	360455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	570969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	519282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	263357	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	162010	48.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.634	113	178727	47.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.103	98	670593	47.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.408	95	235461	49.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	133738	43.543	ug/l	99
3) Chloromethane	2.068	50	188216	43.037	ug/l	99
4) Vinyl Chloride	2.202	62	236560	44.017	ug/l	99
5) Bromomethane	2.592	94	200685	43.343	ug/l	100
6) Chloroethane	2.733	64	163106	44.563	ug/l	98
7) Trichlorofluoromethane	3.056	101	317713	44.832	ug/l	98
8) Diethyl Ether	3.452	74	92064	49.912	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	179351	46.653	ug/l	99
10) Methyl Iodide	4.001	142	237483	53.355	ug/l	99
11) Tert butyl alcohol	4.879	59	48977	267.949	ug/l	100
12) 1,1-Dichloroethene	3.787	96	172050	48.014	ug/l	97
13) Acrolein	3.653	56	44690	136.224	ug/l	97
14) Allyl chloride	4.385	41	200496	48.053	ug/l	98
15) Acrylonitrile	5.061	53	164157	243.100	ug/l	100
16) Acetone	3.873	43	109843	252.240	ug/l	95
17) Carbon Disulfide	4.104	76	504364	44.144	ug/l	99
18) Methyl Acetate	4.385	43	96326	61.935	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	436787	54.461	ug/l	98
20) Methylene Chloride	4.610	84	200730	47.679	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	194761	48.532	ug/l	99
22) Diisopropyl ether	6.019	45	467363	50.334	ug/l	99
23) Vinyl Acetate	5.958	43	1238000	247.398	ug/l	99
24) 1,1-Dichloroethane	5.909	63	314172	48.814	ug/l	98
25) 2-Butanone	6.890	43	187834	247.497	ug/l	97
26) 2,2-Dichloropropane	6.884	77	286563	50.800	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	229297	51.100	ug/l	100
28) Bromochloromethane	7.238	49	122562	49.027	ug/l	94
29) Tetrahydrofuran	7.262	42	126677	256.996	ug/l	95
30) Chloroform	7.421	83	361467	50.632	ug/l	97
31) Cyclohexane	7.701	56	251348	45.668	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	328570	50.872	ug/l	99
36) 1,1-Dichloropropene	7.835	75	241085	47.580	ug/l	100
37) Ethyl Acetate	6.982	43	86073	47.298	ug/l	97
38) Carbon Tetrachloride	7.817	117	298330	49.273	ug/l	99
39) Methylcyclohexane	9.110	83	308462	48.375	ug/l	97
40) Benzene	8.079	78	765775	48.347	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	52636	52.911	ug/l	98
42) 1,2-Dichloroethane	8.152	62	199762	50.939	ug/l	99
43) Isopropyl Acetate	8.195	43	179537	51.373	ug/l	99
44) Trichloroethene	8.866	130	214824	48.966	ug/l	97
45) 1,2-Dichloropropane	9.140	63	171050	48.833	ug/l	99
46) Dibromomethane	9.231	93	109796	50.074	ug/l	98
47) Bromodichloromethane	9.420	83	277344	50.632	ug/l	100
48) Methyl methacrylate	9.219	41	82061	50.793	ug/l	94
49) 1,4-Dioxane	9.231	88	24167	1034.081	ug/l #	96
51) 4-Methyl-2-Pentanone	10.000	43	480789	262.438	ug/l	100
52) Toluene	10.170	92	513310	50.065	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	241919	51.489	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	281472	50.397	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	146011	49.851	ug/l	97
56) Ethyl methacrylate	10.439	69	180514	53.894	ug/l	97
57) 1,3-Dichloropropane	10.719	76	234959	50.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	437480	267.142	ug/l	99
59) 2-Hexanone	10.762	43	319192	264.152	ug/l	100
60) Dibromochloromethane	10.914	129	205255	50.617	ug/l	100
61) 1,2-Dibromoethane	11.012	107	140502	50.813	ug/l	100
64) Tetrachloroethene	10.646	164	241840	49.368	ug/l	98
65) Chlorobenzene	11.444	112	575703	49.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	207113	50.661	ug/l	99
67) Ethyl Benzene	11.518	91	968706	50.995	ug/l	99
68) m/p-Xylenes	11.627	106	769944	101.858	ug/l	99
69) o-Xylene	11.957	106	363730	52.207	ug/l	99
70) Styrene	11.969	104	614740	52.552	ug/l	99
71) Bromoform	12.133	173	122153	51.392	ug/l #	100
73) Isopropylbenzene	12.255	105	953243	54.177	ug/l	100
74) N-amyl acetate	12.072	43	164911	54.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	152489	51.404	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	114326m	50.681	ug/l	
77) Bromobenzene	12.530	156	233646	52.552	ug/l	99
78) n-propylbenzene	12.597	91	1116491	53.284	ug/l	100
79) 2-Chlorotoluene	12.676	91	644165	52.862	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	784334	54.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	49097	52.413	ug/l	99
82) 4-Chlorotoluene	12.780	91	671998	53.049	ug/l	99
83) tert-Butylbenzene	12.999	119	709525	54.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	788661	54.388	ug/l	99
85) sec-Butylbenzene	13.176	105	1027164	53.988	ug/l	99
86) p-Isopropyltoluene	13.292	119	863360	53.440	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	452469	50.107	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	447467	50.034	ug/l	99
89) n-Butylbenzene	13.615	91	761262	52.717	ug/l	99
90) Hexachloroethane	13.877	117	181534	51.142	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	403723	51.260	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25081	53.143	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	238016	53.330	ug/l	99
94) Hexachlorobutadiene	15.023	225	140513	51.171	ug/l	99
95) Naphthalene	15.145	128	426928	57.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	208289	54.065	ug/l	97

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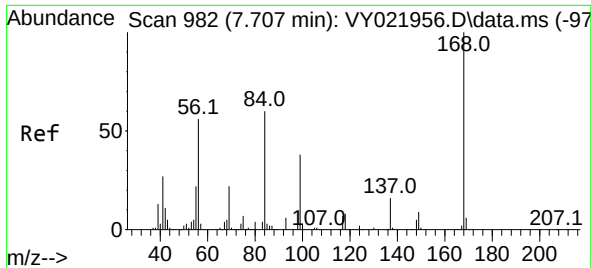
Manual Integrations
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Supervised By :Mahesh Dadoda 05/05/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

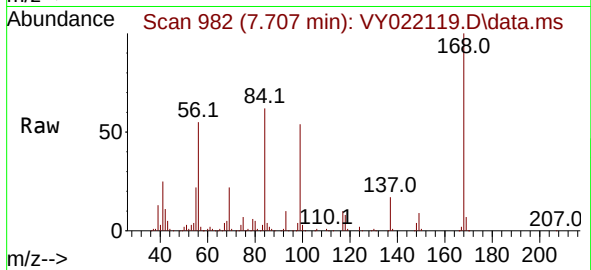
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022119.D
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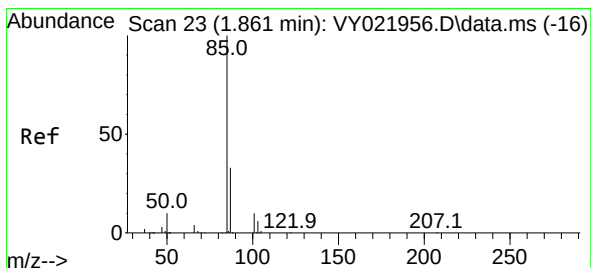
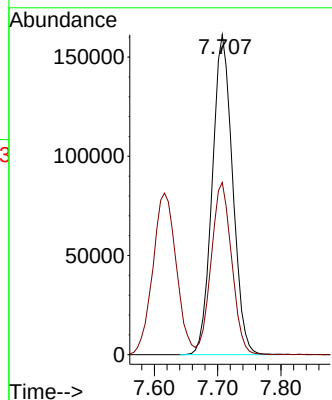
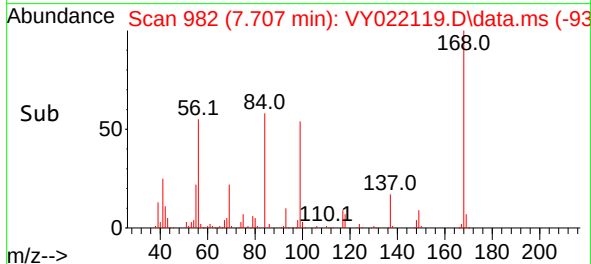
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 36045
Ion Ratio Lower Upper
168 100
99 53.7 43.1 64.7

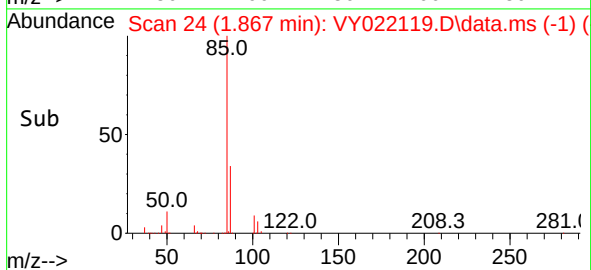
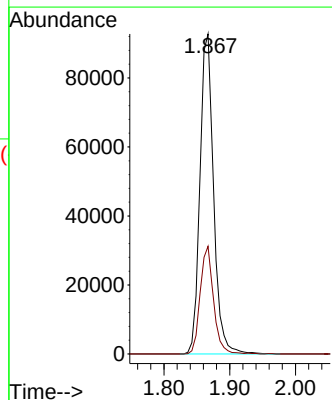
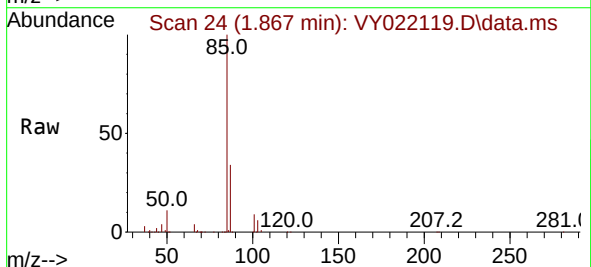
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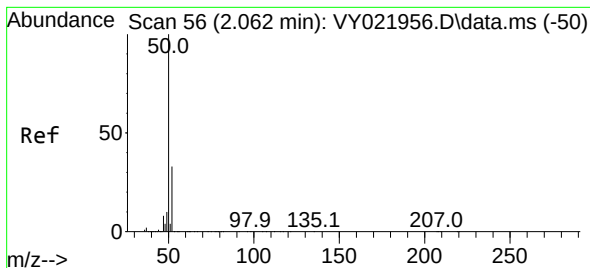
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#2
Dichlorodifluoromethane
Concen: 43.543 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Tgt Ion: 85 Resp: 133738
Ion Ratio Lower Upper
85 100
87 33.7 16.6 49.7





#3

Chloromethane

Concen: 43.037 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 188210

Ion Ratio Lower Upper

50 100

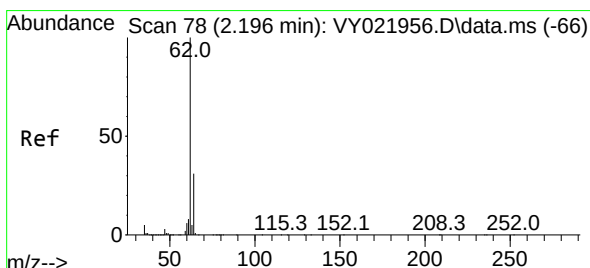
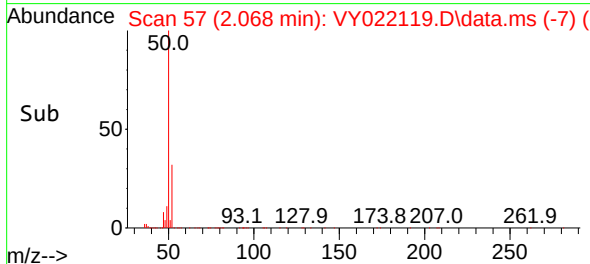
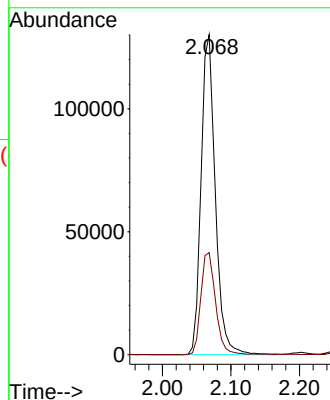
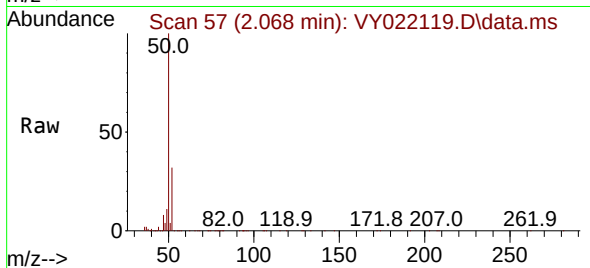
52 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#4

Vinyl Chloride

Concen: 44.017 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.006 min

Lab File: VY022119.D

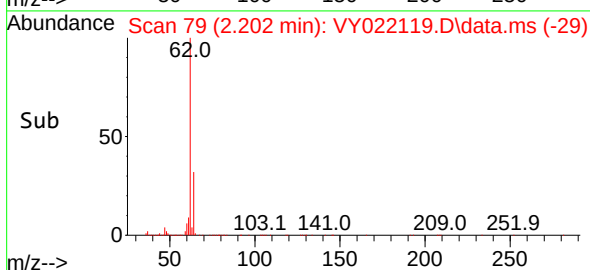
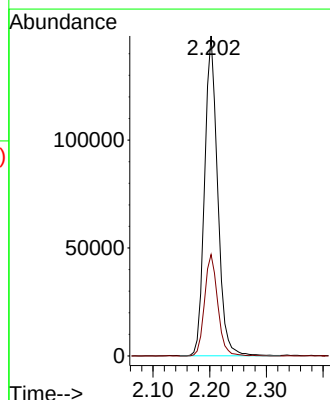
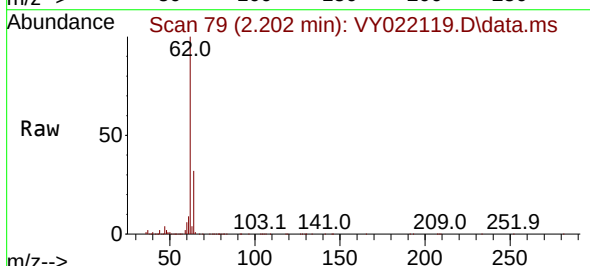
Acq: 02 May 2025 10:56

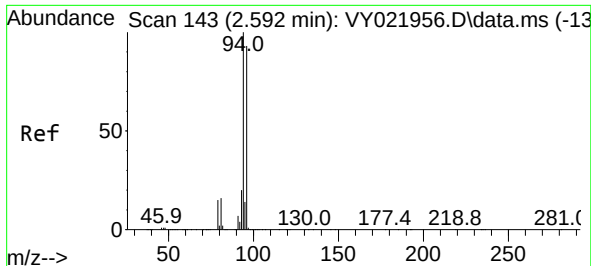
Tgt Ion: 62 Resp: 236560

Ion Ratio Lower Upper

62 100

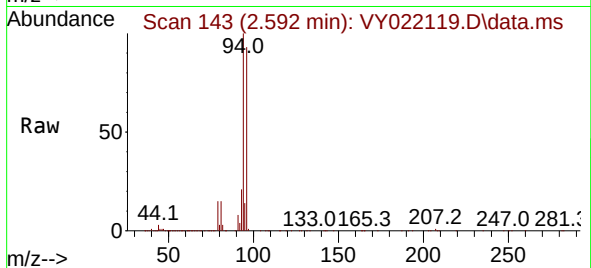
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 43.343 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

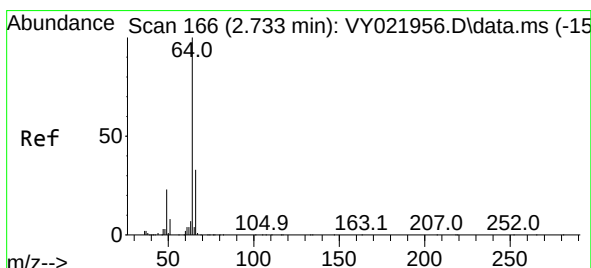
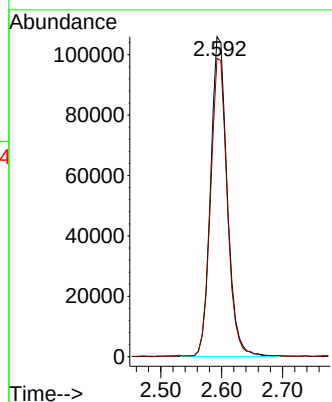
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



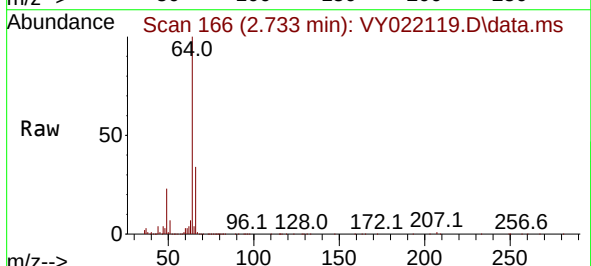
Tgt Ion: 94 Resp: 200685
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8

Manual Integrations APPROVED

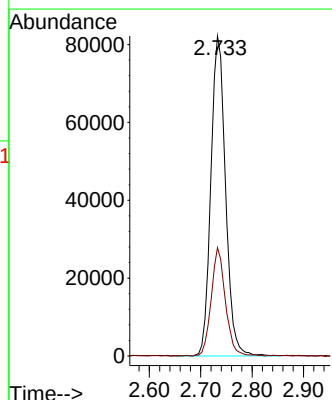
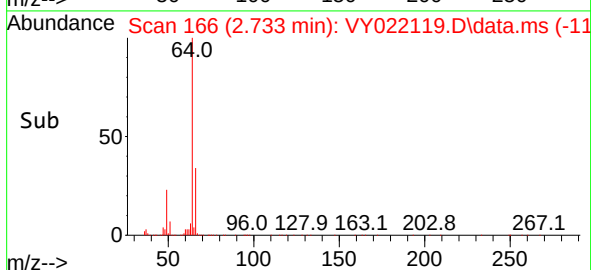
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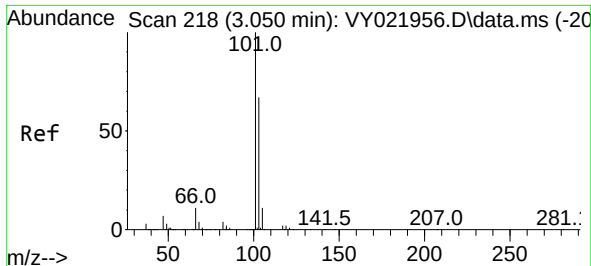


#6
Chloroethane
Concen: 44.563 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



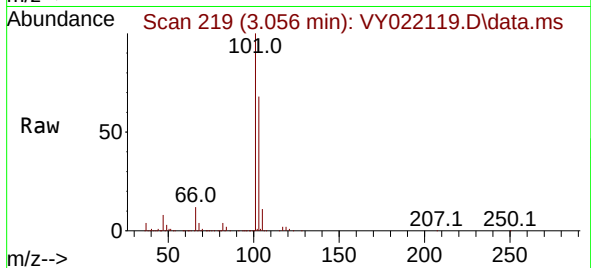
Tgt Ion: 64 Resp: 163106
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 44.832 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022119.D
 Acq: 02 May 2025 10:56

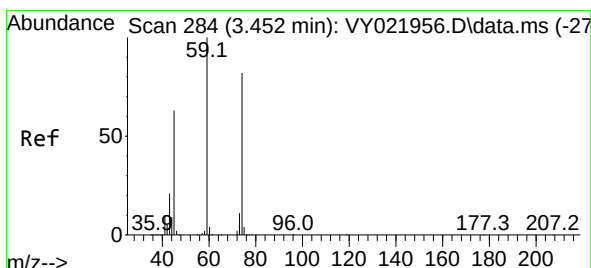
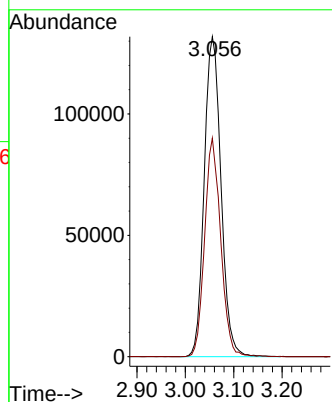
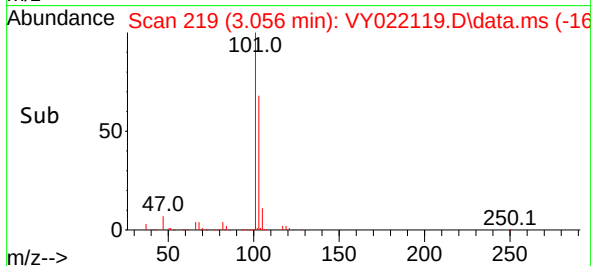
Instrument :
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Tgt Ion:101 Resp: 31771
 Ion Ratio Lower Upper
 101 100
 103 68.3 53.6 80.4

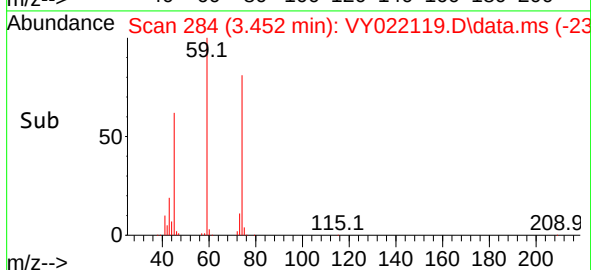
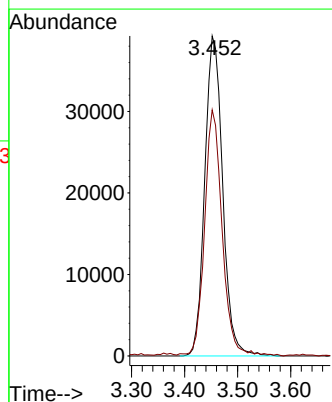
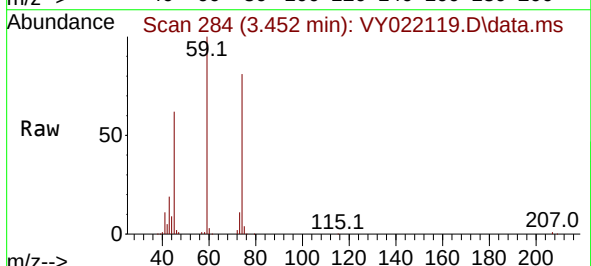
Manual Integrations
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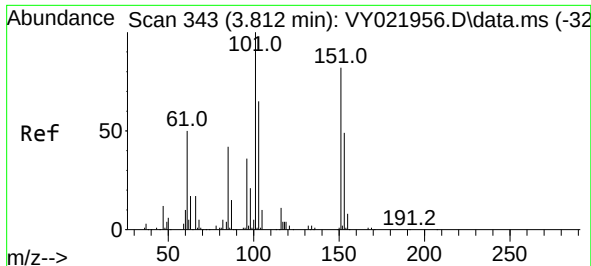
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#8
 Diethyl Ether
 Concen: 49.912 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022119.D
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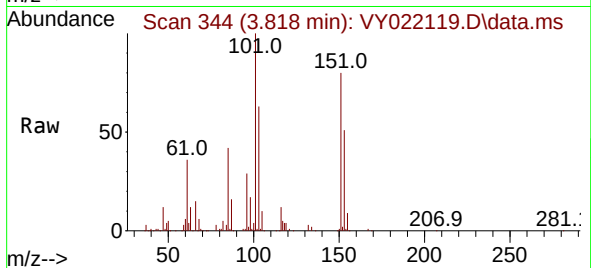
Tgt Ion: 74 Resp: 92064
 Ion Ratio Lower Upper
 74 100
 45 75.8 39.1 117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.653 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

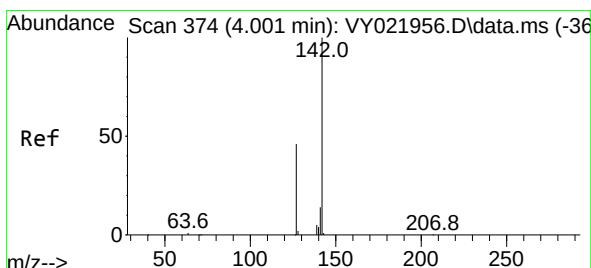
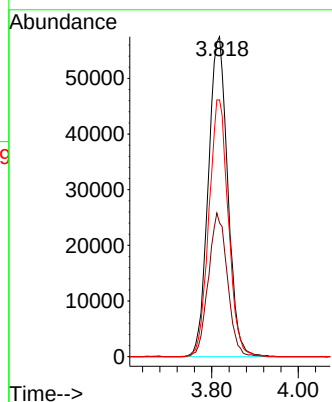
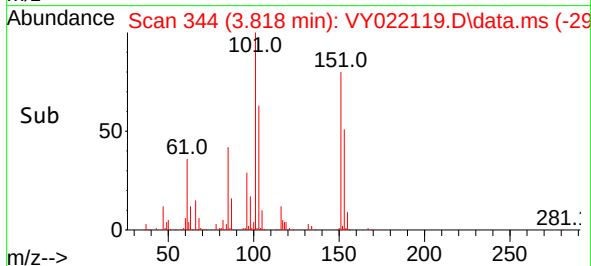
Instrument :
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Tgt Ion:101 Resp: 17935
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 80.0 63.7 95.5

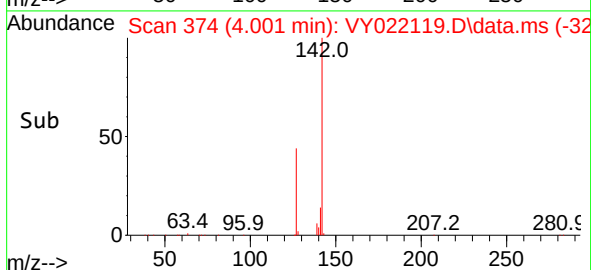
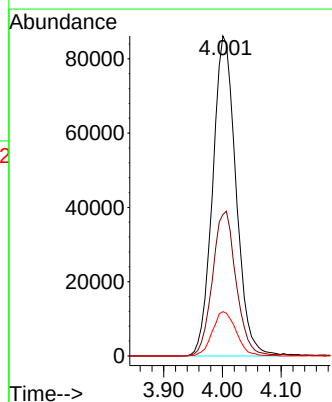
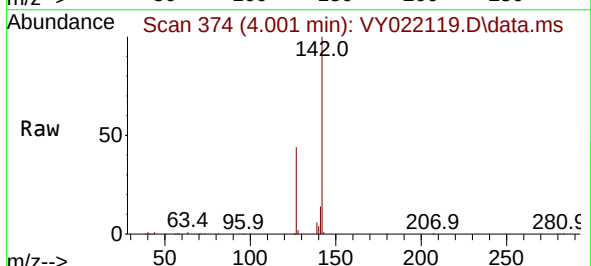
Manual Integrations
APPROVED

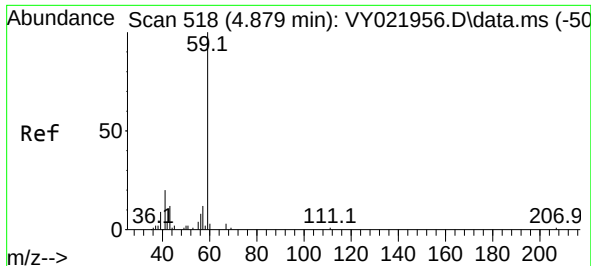
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#10
Methyl Iodide
Concen: 53.355 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Tgt Ion:142 Resp: 237483
Ion Ratio Lower Upper
142 100
127 45.8 36.2 54.2
141 14.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 267.949 ug/l

RT: 4.879 min Scan# 518

Delta R.T. 0.000 min

Lab File: VY022119.D

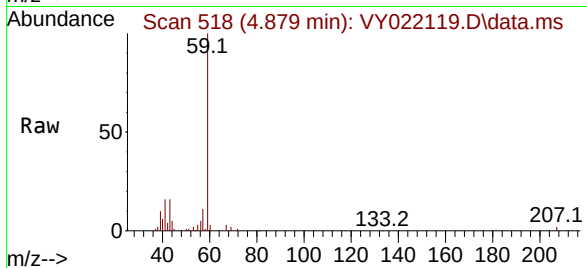
Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

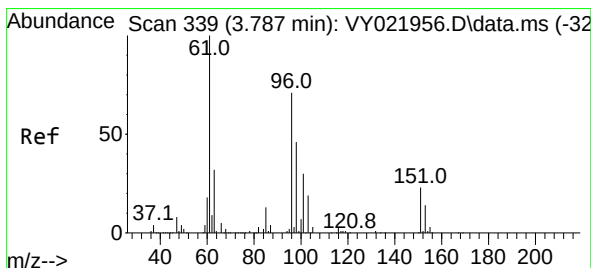
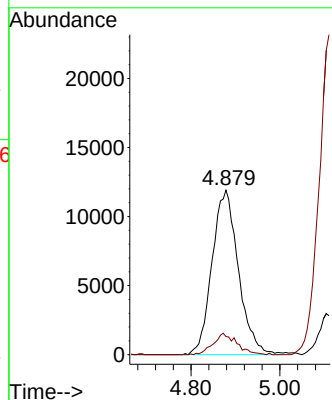
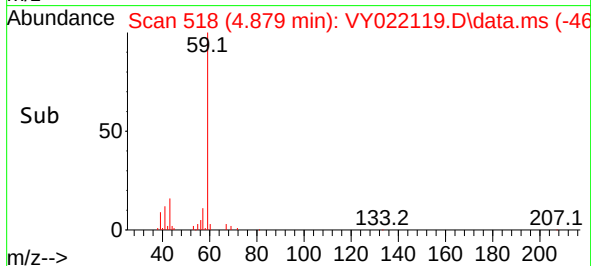


Tgt Ion:	59	Resp:	4897
Ion Ratio	Lower	Upper	
59	100		
57	11.7	9.3	13.9

Manual Integrations

APPROVED

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



#12

1,1-Dichloroethene

Concen: 48.014 ug/l

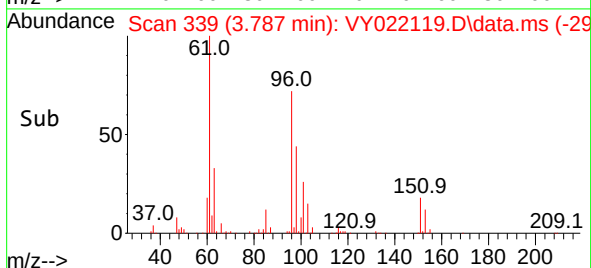
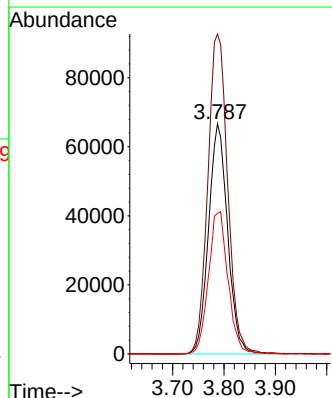
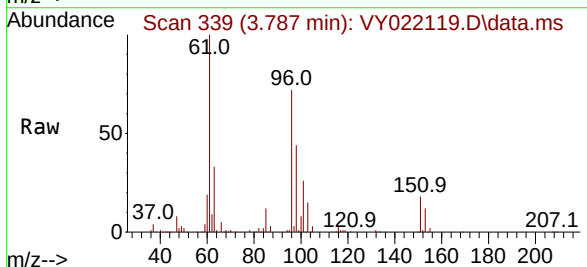
RT: 3.787 min Scan# 339

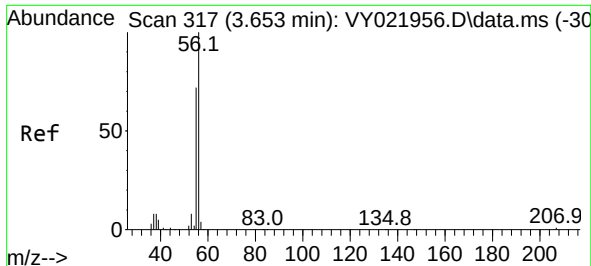
Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

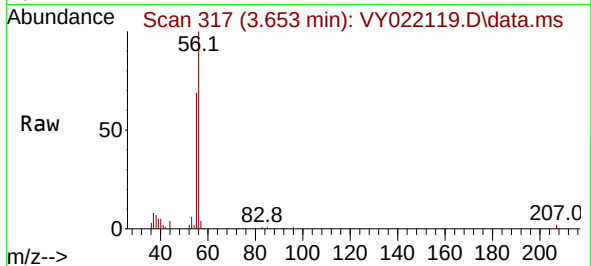
Tgt Ion:	96	Resp:	172050
Ion Ratio	Lower	Upper	
96	100		
61	138.9	113.0	169.4
98	61.1	51.4	77.2





#13
Acrolein
Concen: 136.224 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

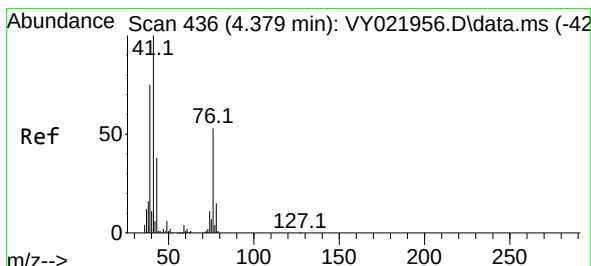
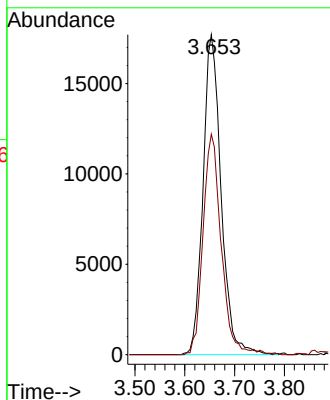
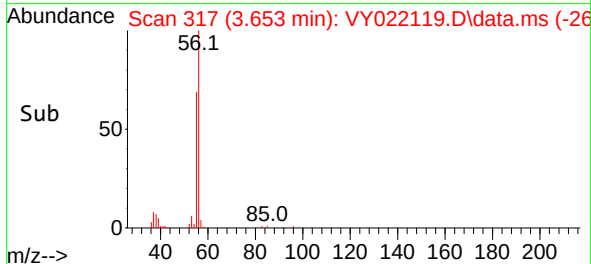
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



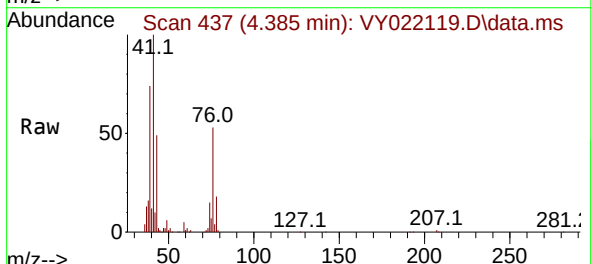
Tgt Ion: 56 Resp: 44690
Ion Ratio Lower Upper
56 100
55 69.2 57.4 86.0

Manual Integrations
APPROVED

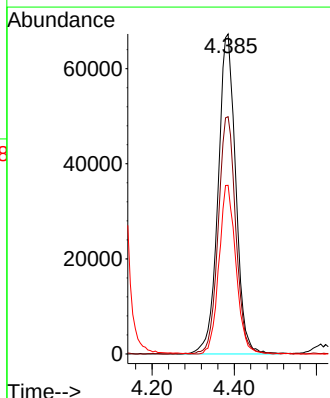
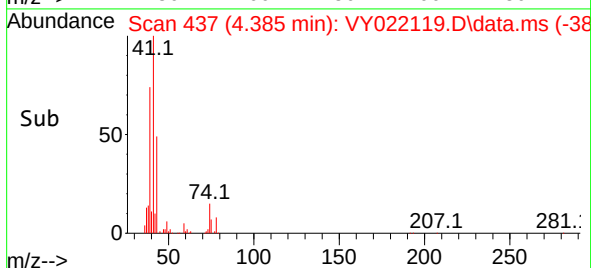
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

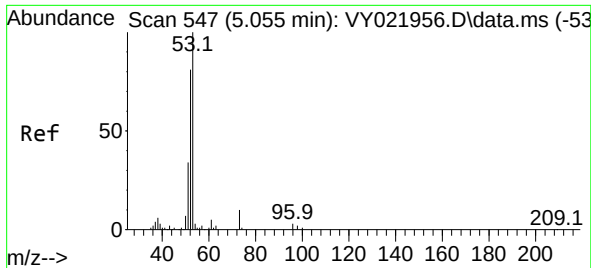


#14
Allyl chloride
Concen: 48.053 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



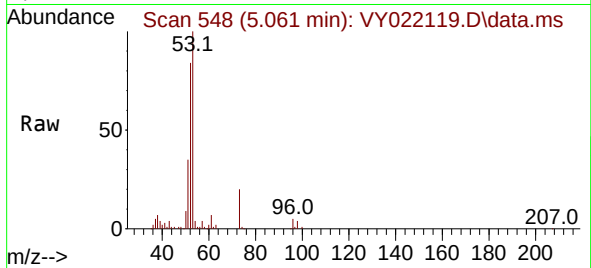
Tgt Ion: 41 Resp: 200496
Ion Ratio Lower Upper
41 100
39 73.9 57.2 85.8
76 50.8 39.7 59.5





#15
Acrylonitrile
Concen: 243.100 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

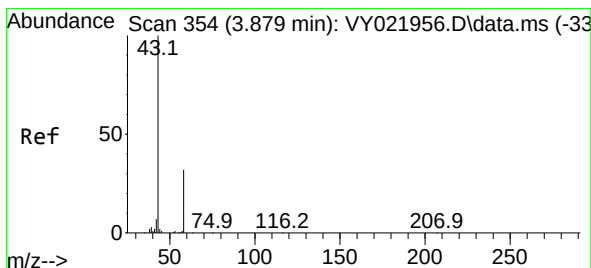
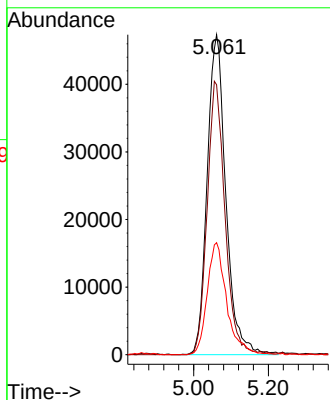
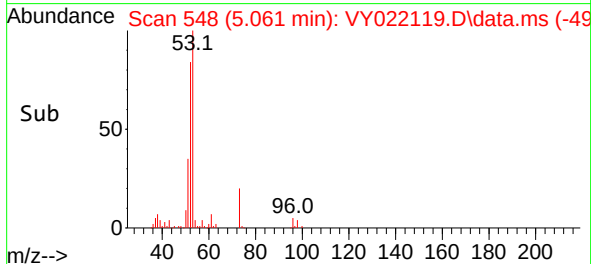
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 16415
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 36.6 28.9 43.3

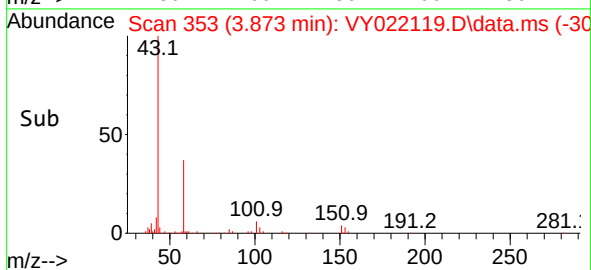
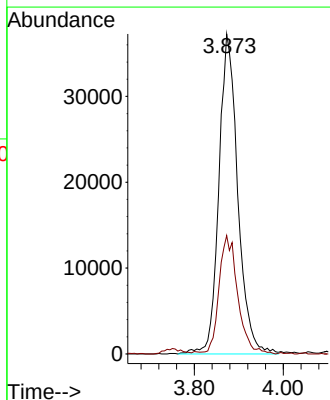
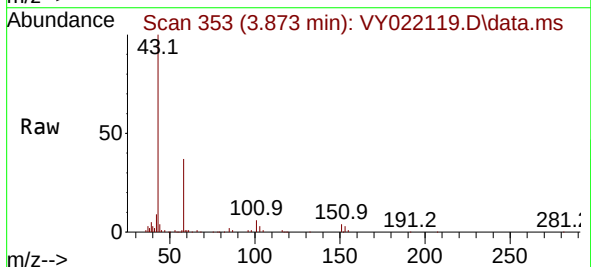
Manual Integrations
APPROVED

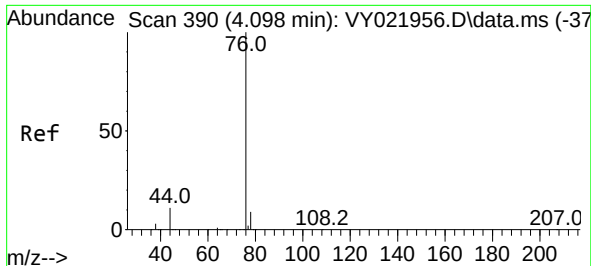
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#16
Acetone
Concen: 252.240 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

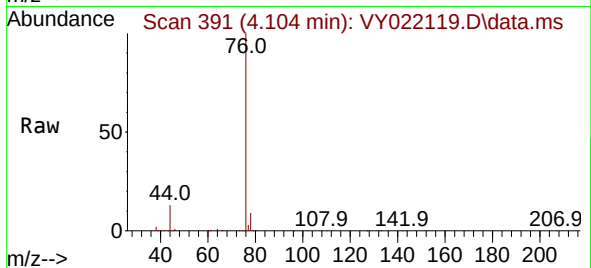
Tgt Ion: 43 Resp: 109843
Ion Ratio Lower Upper
43 100
58 36.8 27.0 40.4





#17
Carbon Disulfide
Concen: 44.144 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

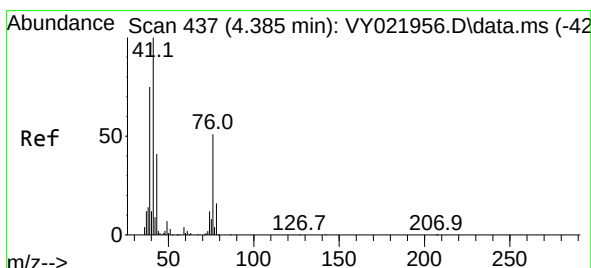
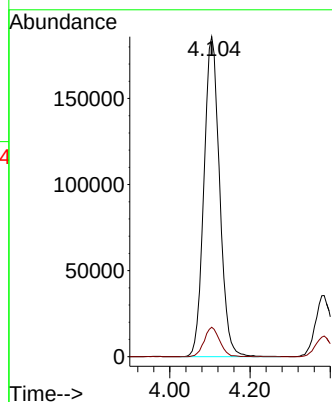
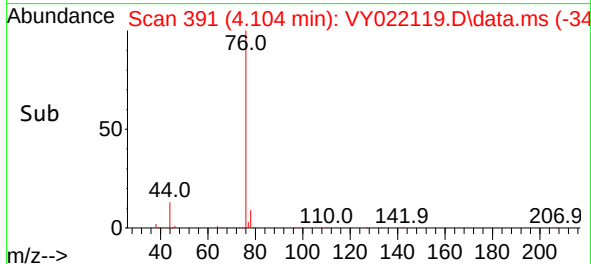
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 50436
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

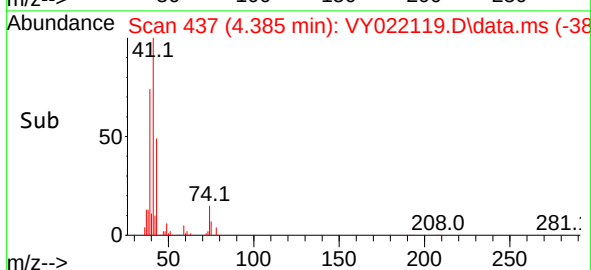
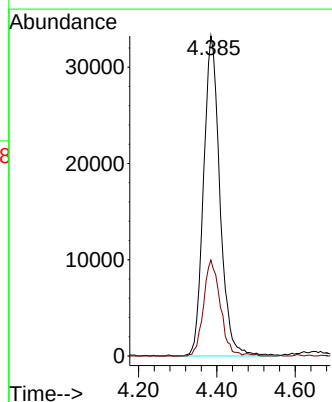
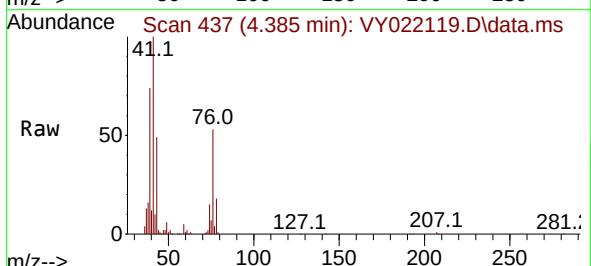
Manual Integrations
APPROVED

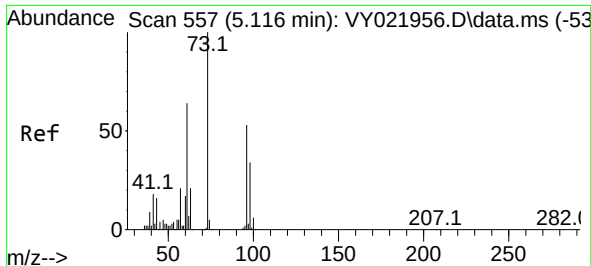
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#18
Methyl Acetate
Concen: 61.935 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

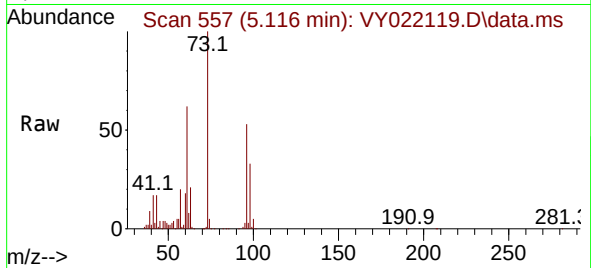
Tgt Ion: 43 Resp: 96326
Ion Ratio Lower Upper
43 100
74 30.5 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 54.461 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

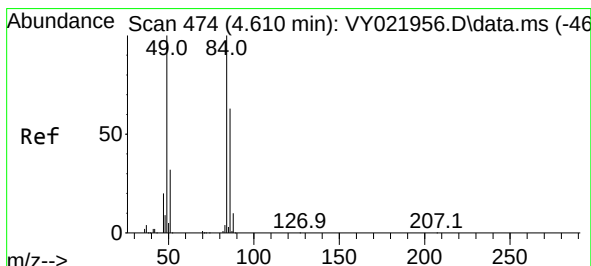
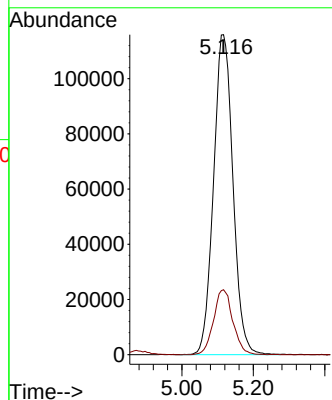
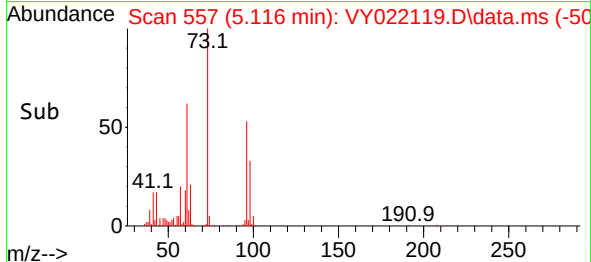
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 43678
Ion Ratio Lower Upper
73 100
57 20.3 16.9 25.3

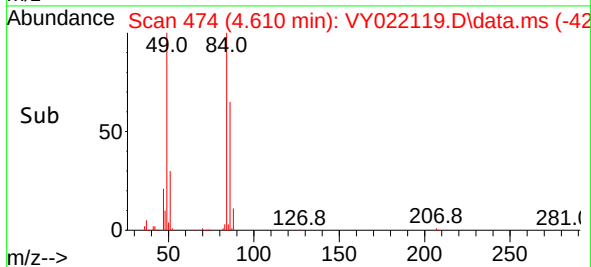
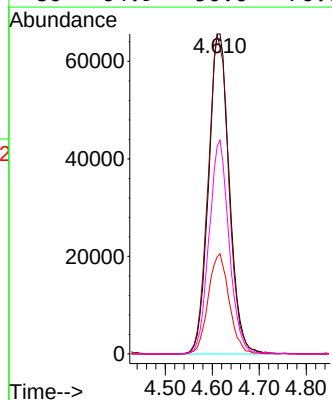
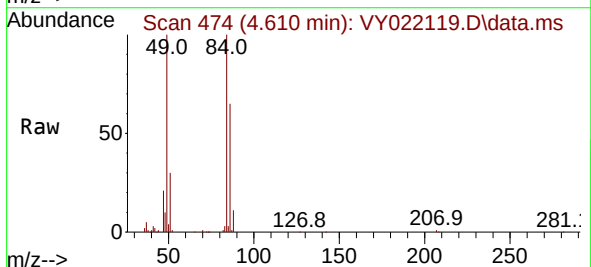
Manual Integrations
APPROVED

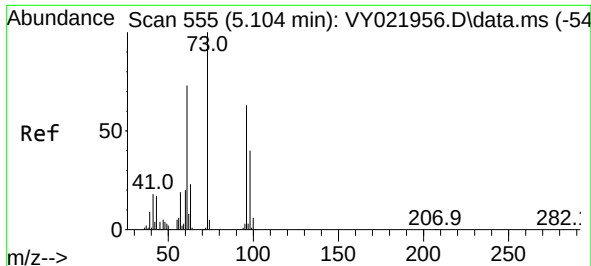
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#20
Methylene Chloride
Concen: 47.679 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

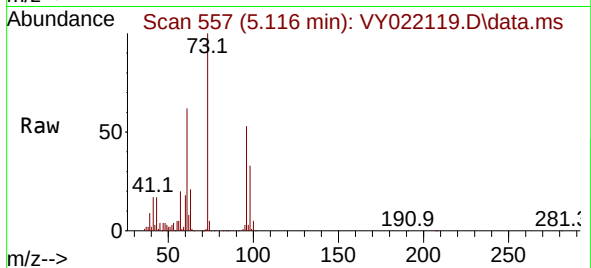
Tgt Ion: 84 Resp: 200730
Ion Ratio Lower Upper
84 100
49 99.6 79.9 119.9
51 30.3 25.4 38.0
86 64.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.532 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. 0.012 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

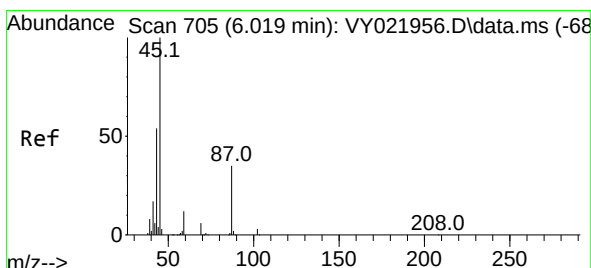
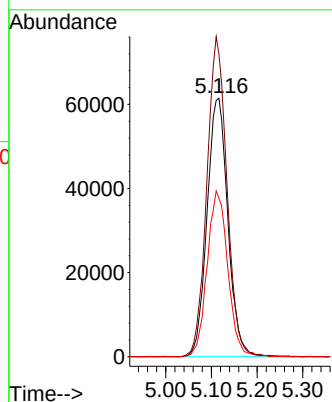
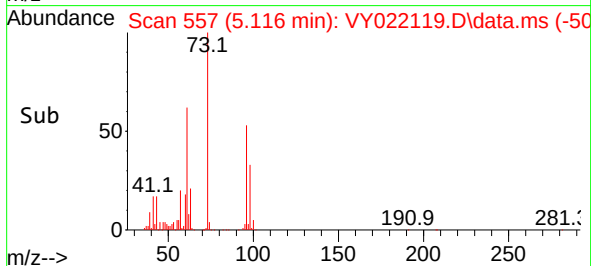
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 19476
Ion Ratio Lower Upper
96 100
61 116.9 92.6 138.8
98 61.3 50.2 75.4

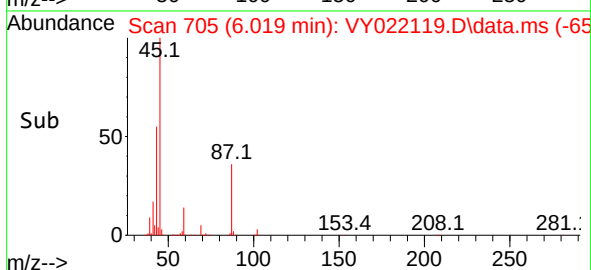
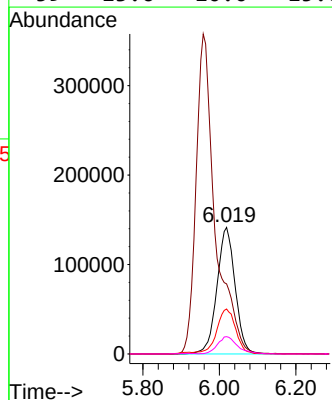
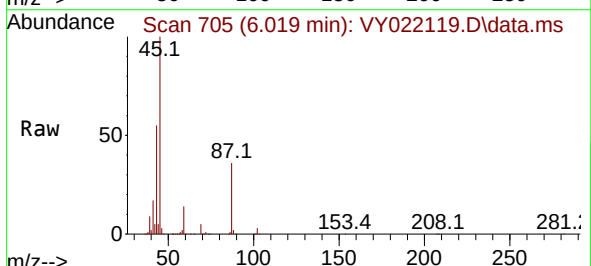
Manual Integrations
APPROVED

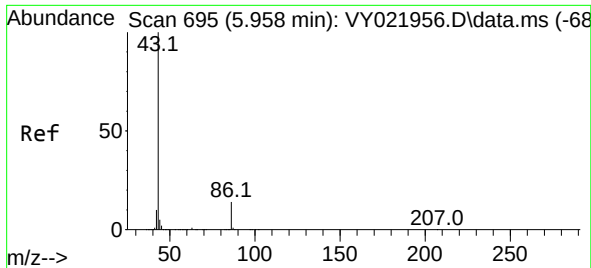
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#22
Diisopropyl ether
Concen: 50.334 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

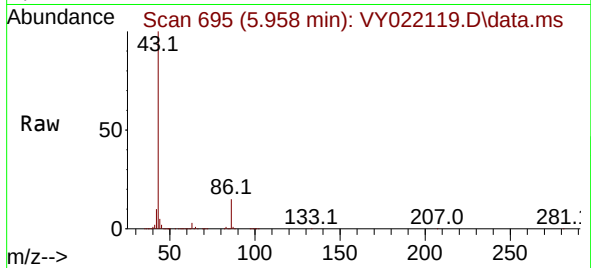
Tgt Ion: 45 Resp: 467363
Ion Ratio Lower Upper
45 100
43 54.9 43.6 65.4
87 35.5 28.2 42.4
59 13.6 10.0 15.0





#23
 Vinyl Acetate
 Concen: 247.398 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022119.D
 Acq: 02 May 2025 10:56

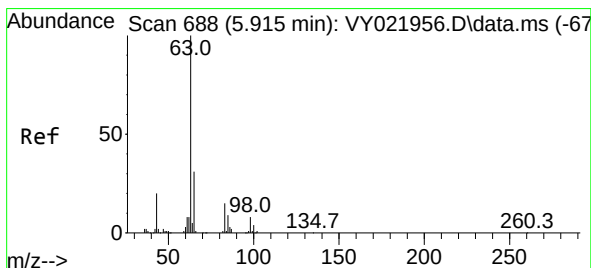
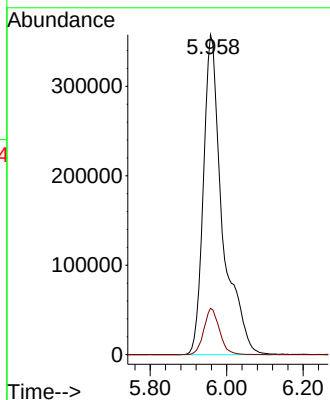
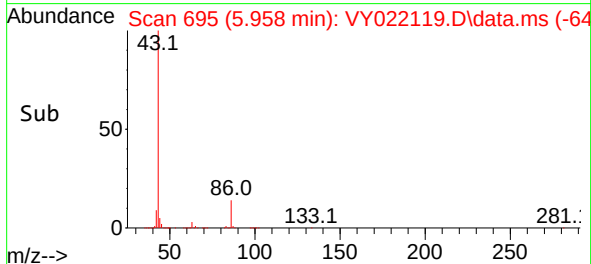
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



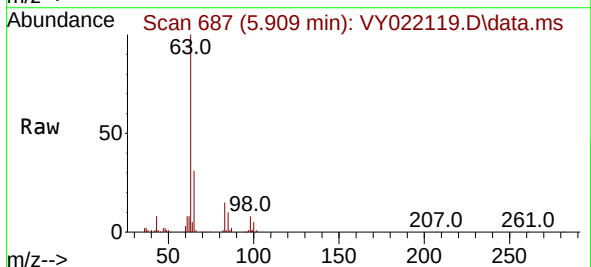
Tgt Ion: 43 Resp: 1238000
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.1 16.7

Manual Integrations
 APPROVED

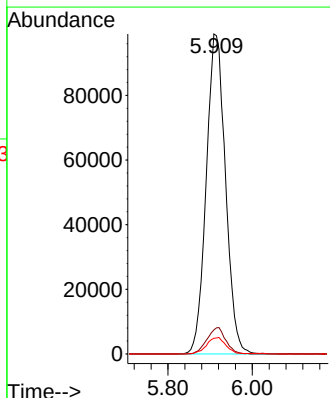
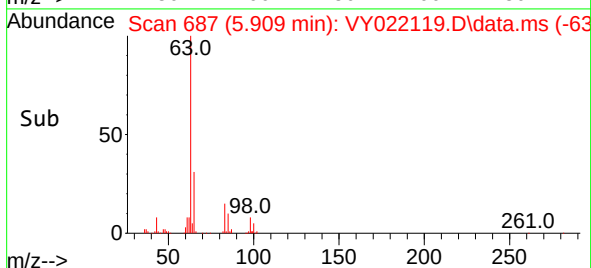
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

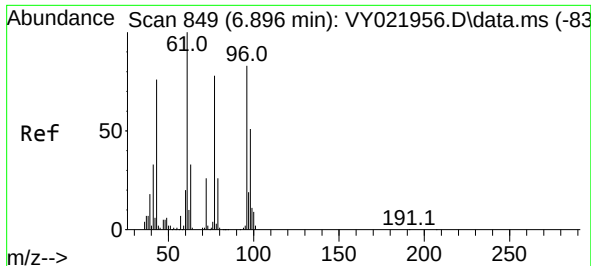


#24
 1,1-Dichloroethane
 Concen: 48.814 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022119.D
 Acq: 02 May 2025 10:56



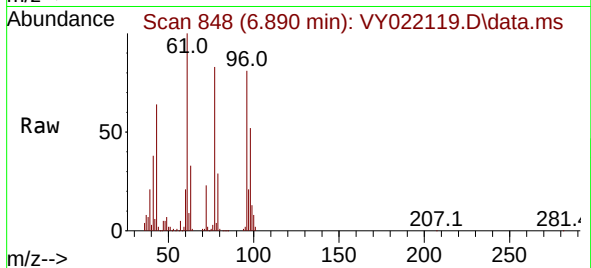
Tgt Ion: 63 Resp: 314172
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 4.9 2.0 6.0





#25
2-Butanone
Concen: 247.497 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

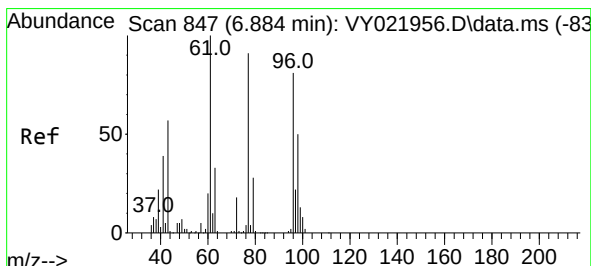
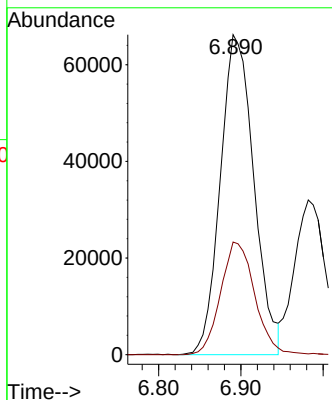
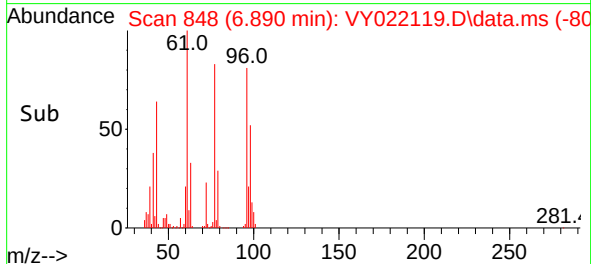
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



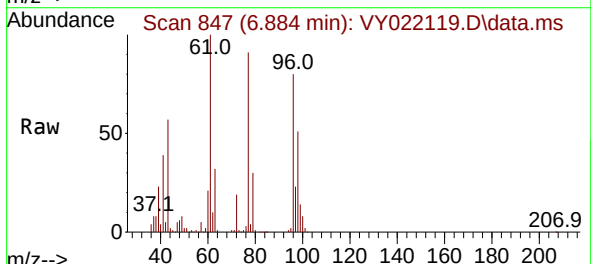
Tgt Ion: 43 Resp: 187834
Ion Ratio Lower Upper
43 100
72 35.2 27.0 40.4

Manual Integrations
APPROVED

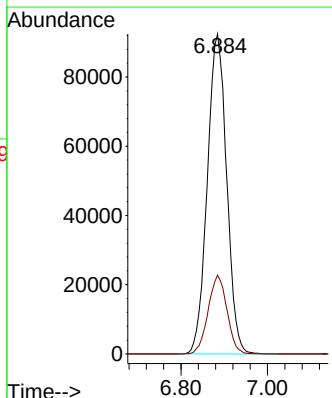
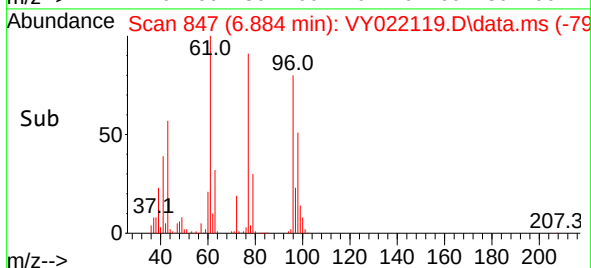
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

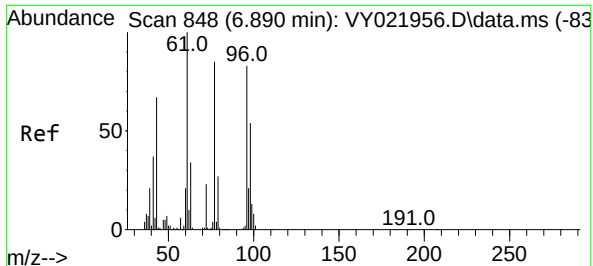


#26
2,2-Dichloropropane
Concen: 50.800 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



Tgt Ion: 77 Resp: 286563
Ion Ratio Lower Upper
77 100
97 24.0 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 51.100 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

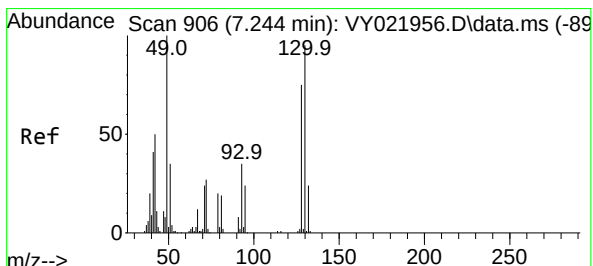
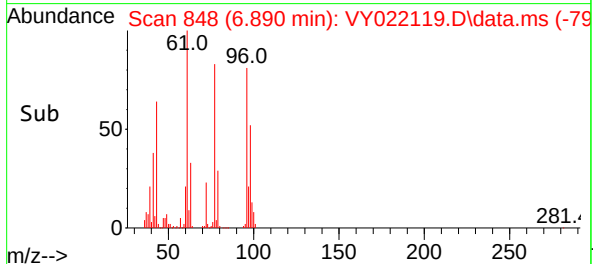
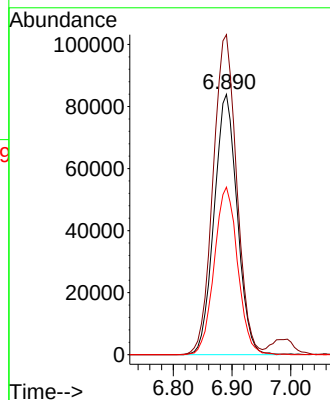
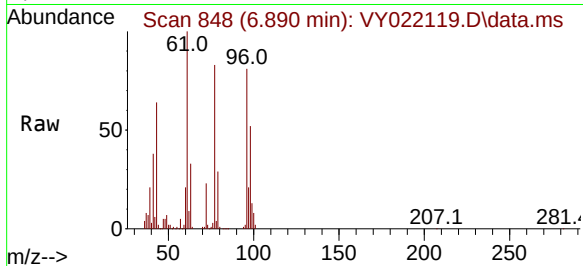
VSTDCCC050

Tgt Ion:	96	Resp:	22929
Ion Ratio	Lower	Upper	
96	100		
61	125.7	0.0	251.4
98	65.3	0.0	128.4

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 49.027 ug/l

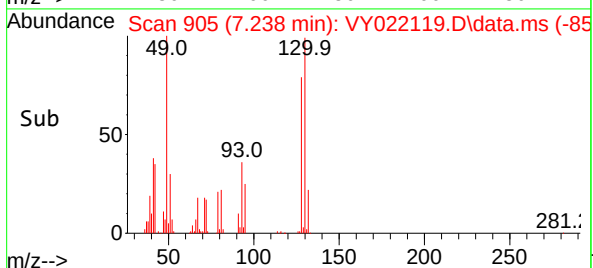
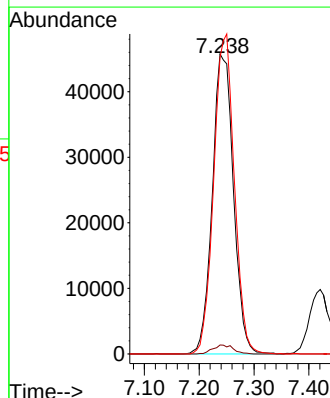
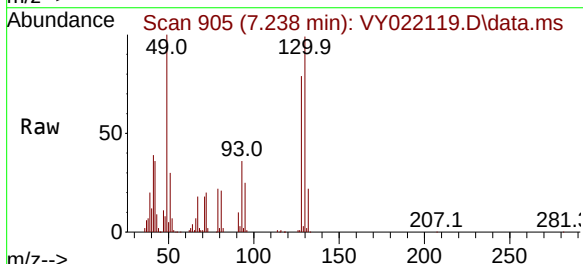
RT: 7.238 min Scan# 905

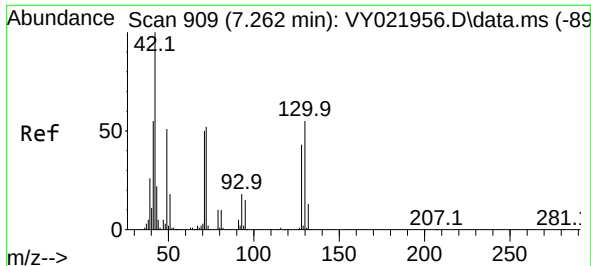
Delta R.T. -0.006 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

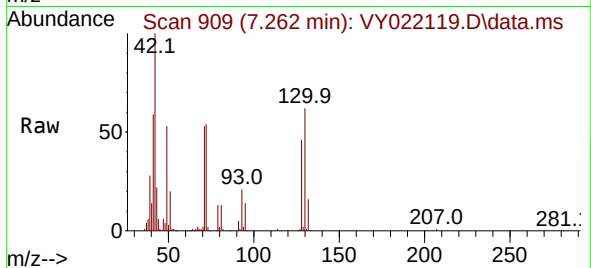
Tgt Ion:	49	Resp:	122562
Ion Ratio	Lower	Upper	
49	100		
129	2.9	0.0	5.0
130	103.6	78.2	117.4





#29
Tetrahydrofuran
Concen: 256.996 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

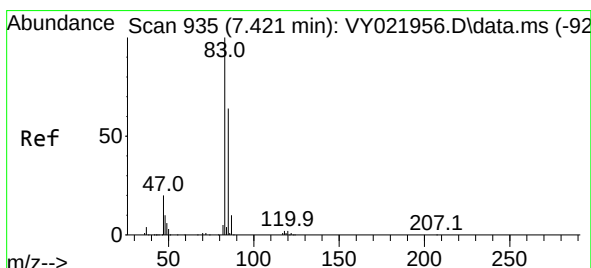
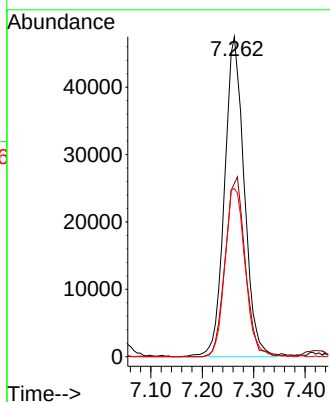
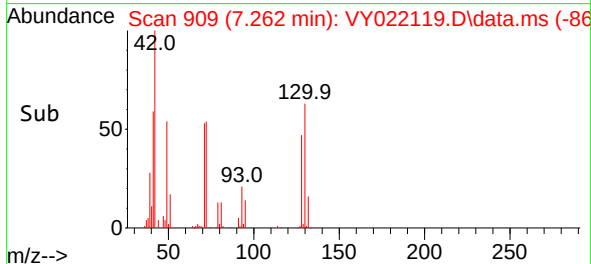
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 12667
Ion Ratio Lower Upper
42 100
72 56.8 42.6 63.8
71 54.3 40.6 61.0

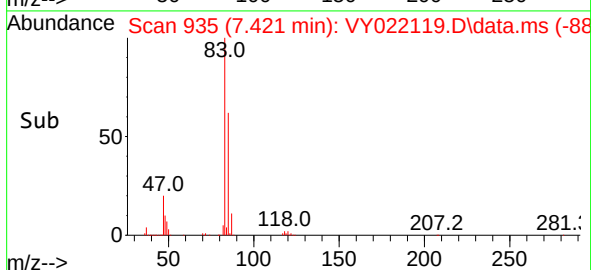
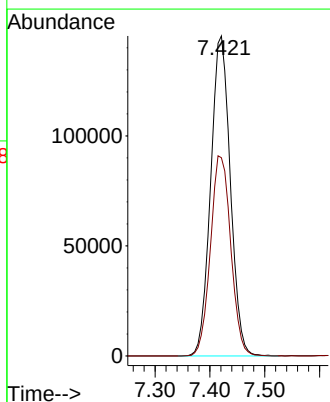
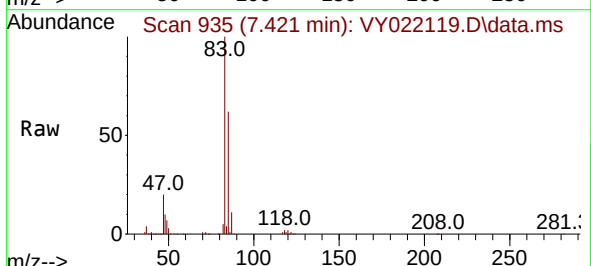
Manual Integrations
APPROVED

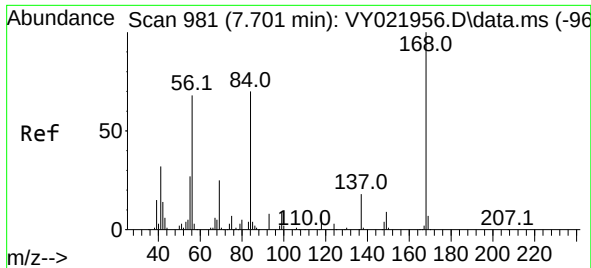
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#30
Chloroform
Concen: 50.632 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

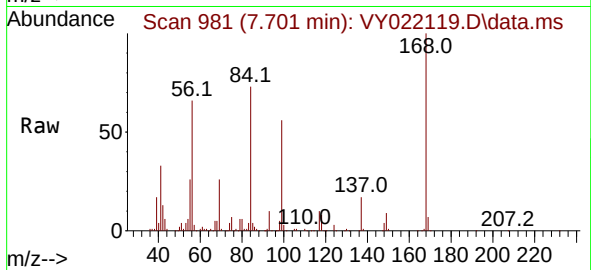
Tgt Ion: 83 Resp: 361467
Ion Ratio Lower Upper
83 100
85 61.9 51.3 76.9





#31
Cyclohexane
Concen: 45.668 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

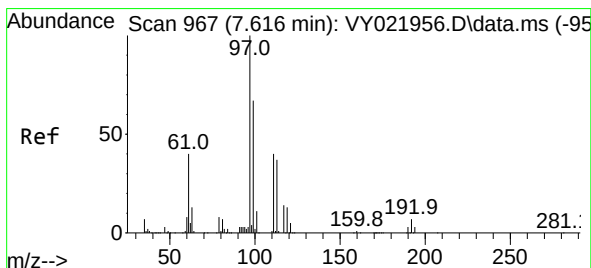
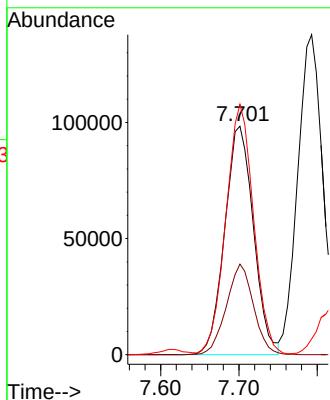
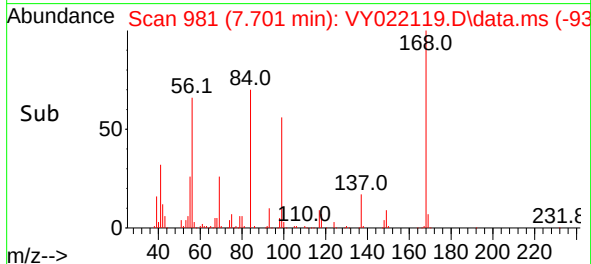
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



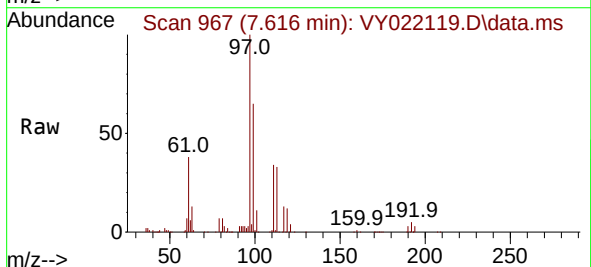
Tgt Ion: 56 Resp: 251348
Ion Ratio Lower Upper
56 100
69 39.7 29.4 44.2
84 107.5 82.2 123.4

Manual Integrations
APPROVED

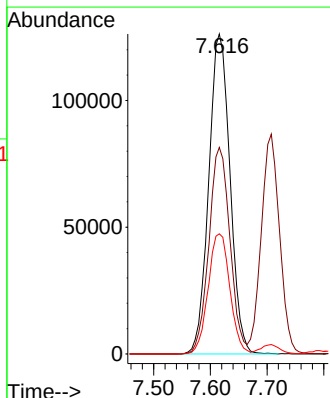
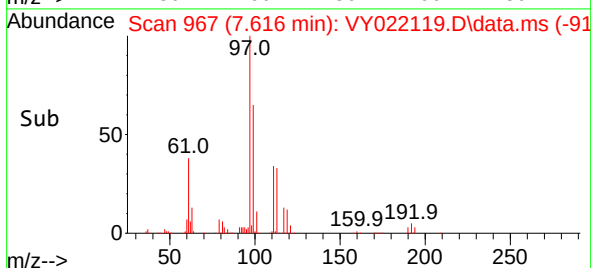
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

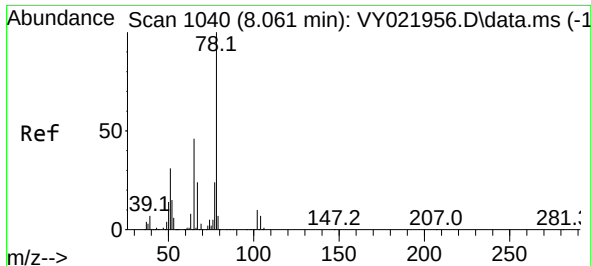


#32
1,1,1-Trichloroethane
Concen: 50.872 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



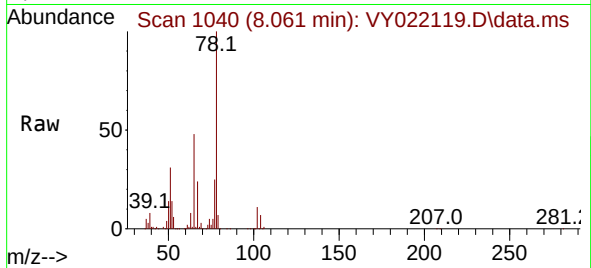
Tgt Ion: 97 Resp: 328570
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 38.3 31.4 47.2





#33
1,2-Dichloroethane-d4
Concen: 48.660 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

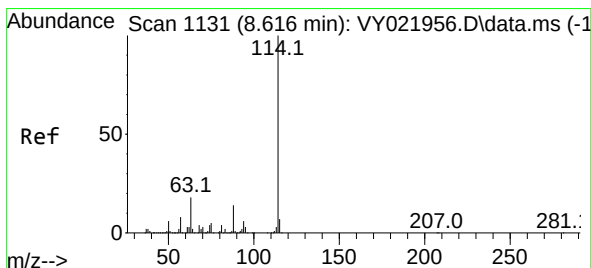
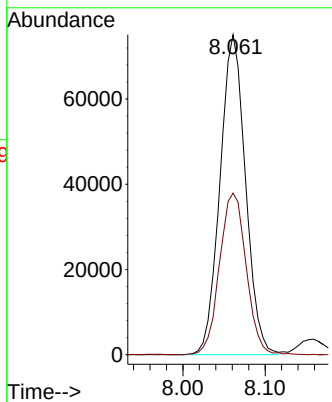
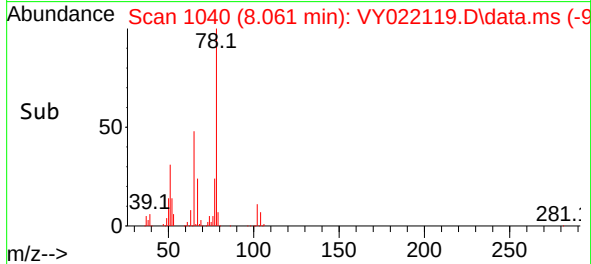
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



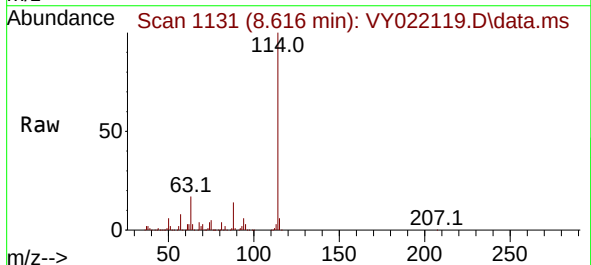
Tgt Ion: 65 Resp: 162010
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8

Manual Integrations
APPROVED

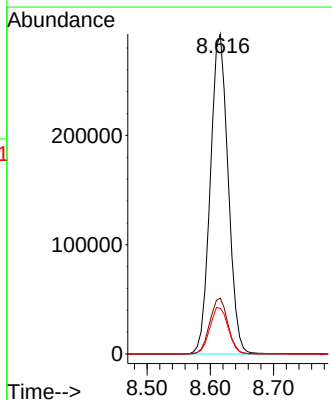
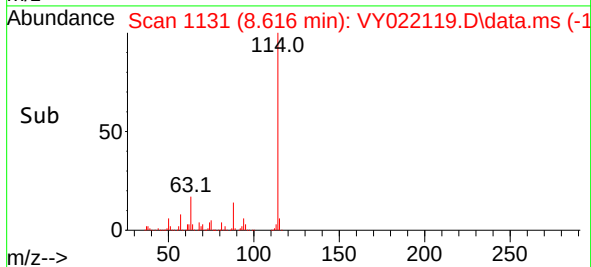
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

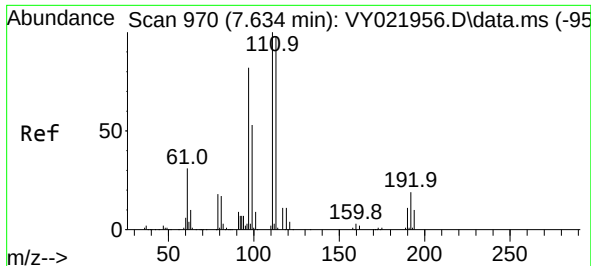


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



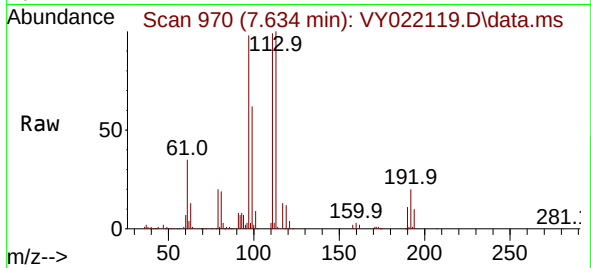
Tgt Ion:114 Resp: 570969
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.4
88 14.3 0.0 28.2





#35
Dibromofluoromethane
Concen: 47.381 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

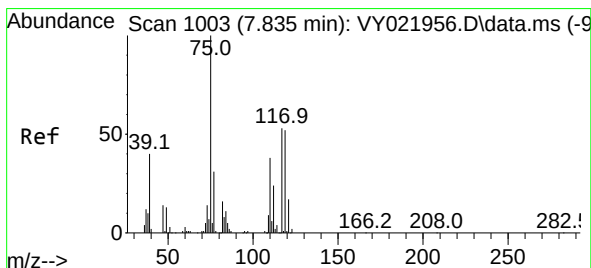
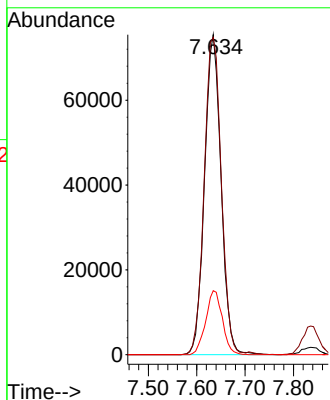
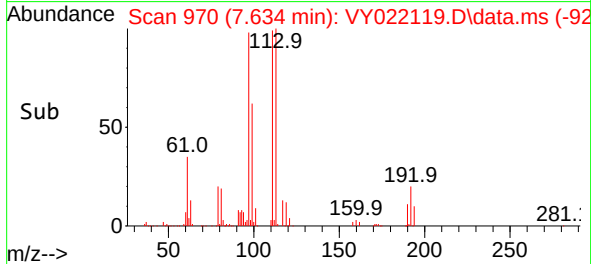
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



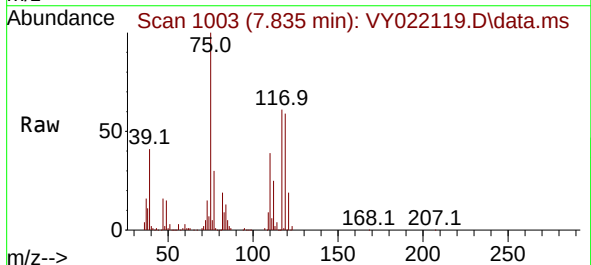
Tgt Ion: 113 Resp: 17872
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.2 15.6 23.4

Manual Integrations
APPROVED

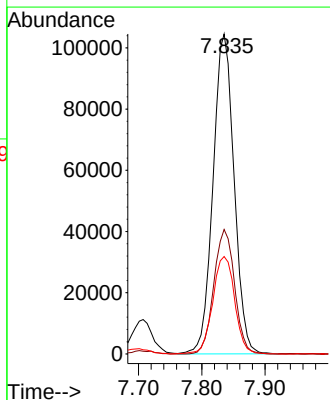
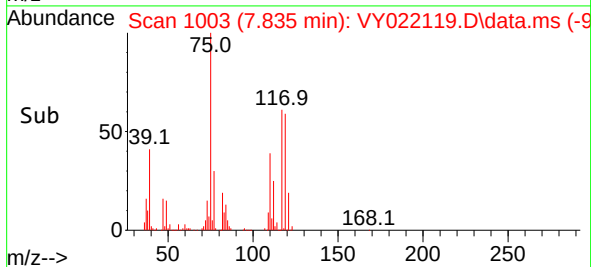
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

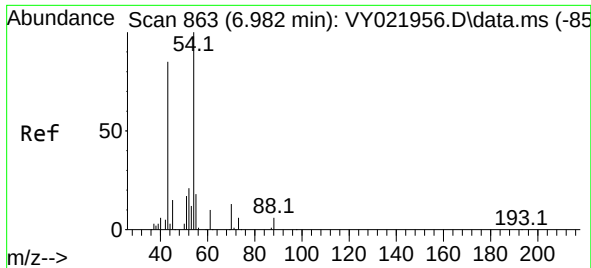


#36
1,1-Dichloropropene
Concen: 47.580 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



Tgt Ion: 75 Resp: 241085
Ion Ratio Lower Upper
75 100
110 38.4 19.1 57.3
77 31.8 25.5 38.3





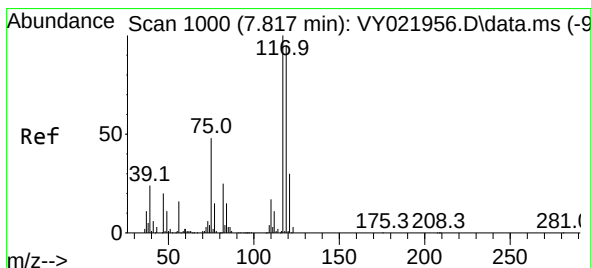
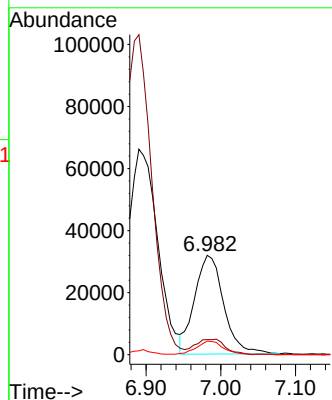
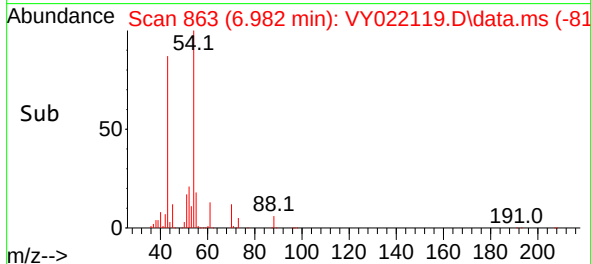
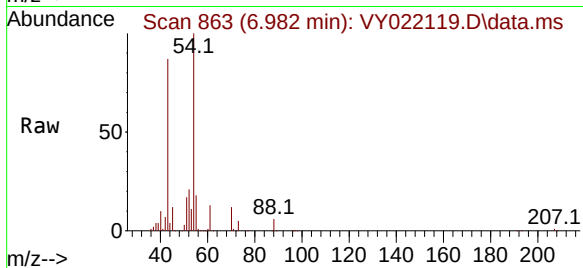
#37
Ethyl Acetate
Concen: 47.298 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 8607
Ion Ratio Lower Upper
43 100
61 16.3 13.8 20.6
70 13.1 9.2 13.8

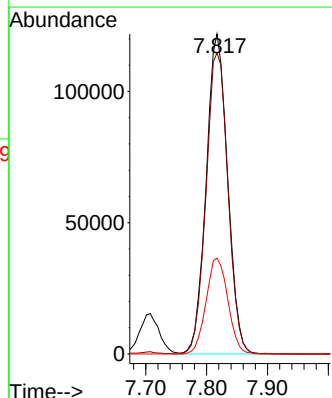
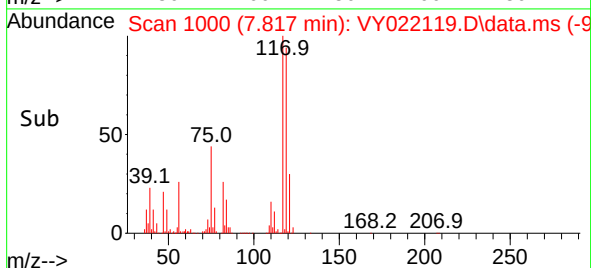
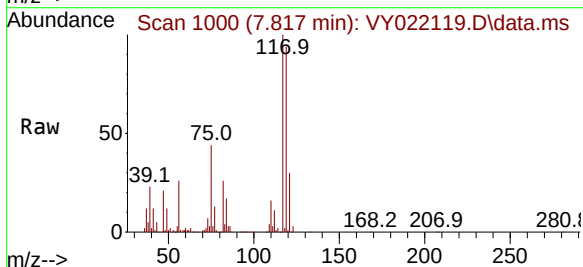
Manual Integrations
APPROVED

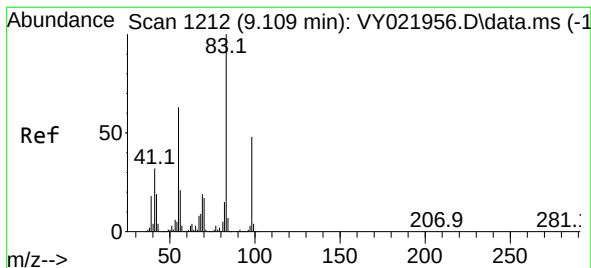
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#38
Carbon Tetrachloride
Concen: 49.273 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Tgt Ion:117 Resp: 298330
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.4
121 29.9 24.0 36.0





#39

Methylcyclohexane

Concen: 48.375 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022119.D

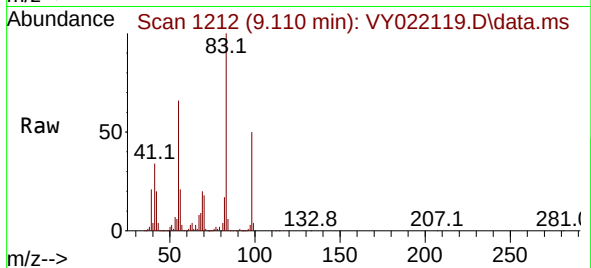
Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 308462

Ion Ratio Lower Upper

83 100

55 66.0 50.6 75.8

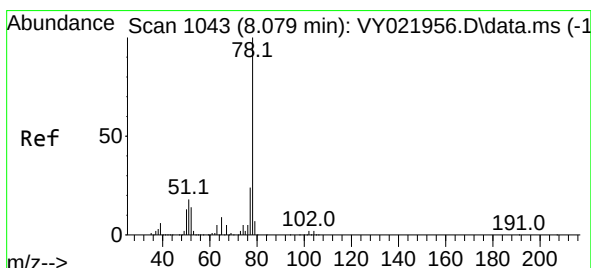
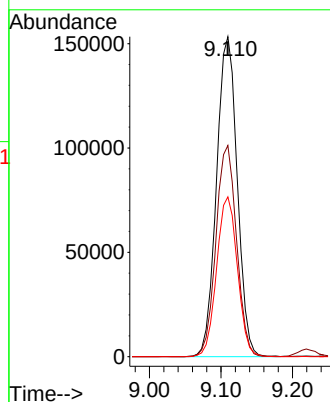
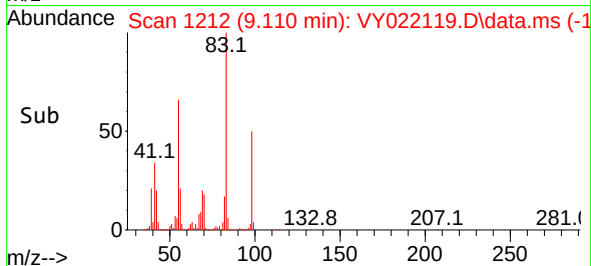
98 50.0 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#40

Benzene

Concen: 48.347 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022119.D

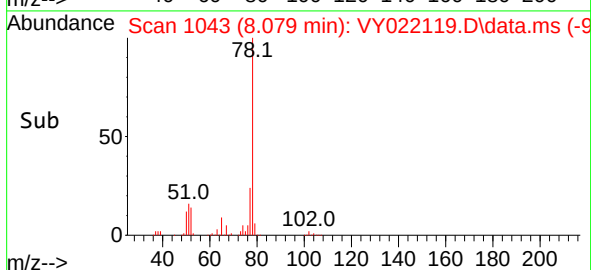
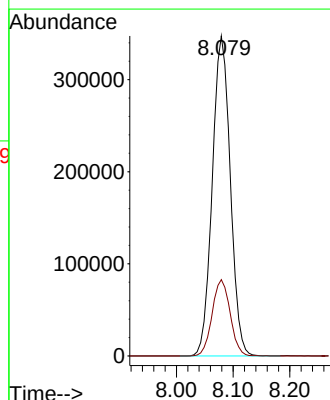
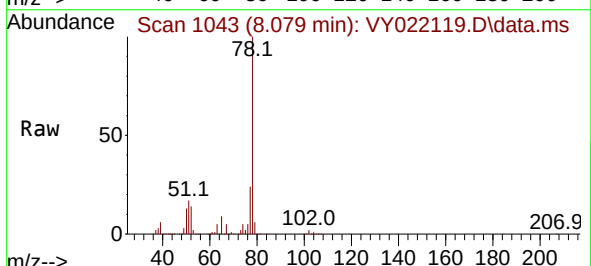
Acq: 02 May 2025 10:56

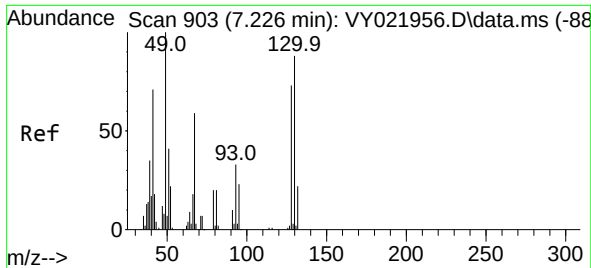
Tgt Ion: 78 Resp: 765775

Ion Ratio Lower Upper

78 100

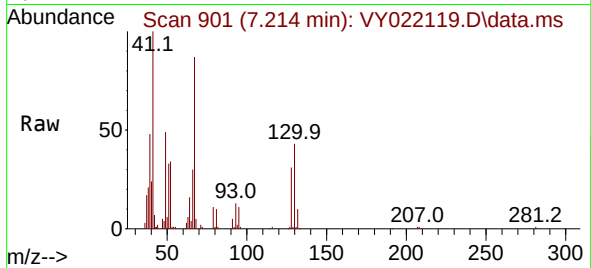
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 52.911 ug/l
RT: 7.214 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

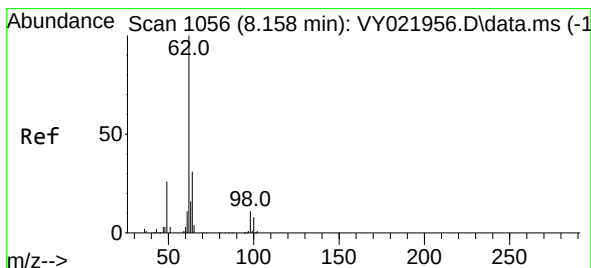
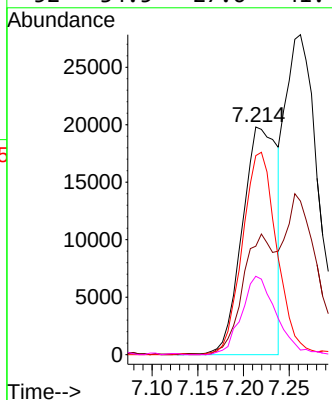
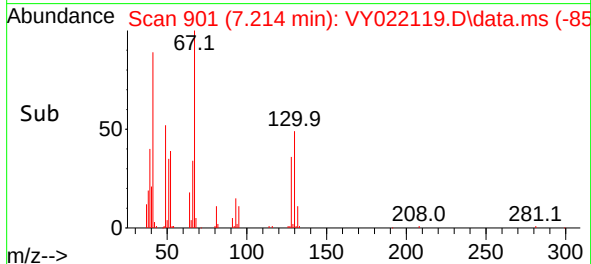
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 52630
Ion Ratio Lower Upper
41 100
39 44.7 36.6 55.0
67 88.2 72.2 108.4
52 34.5 27.6 41.4

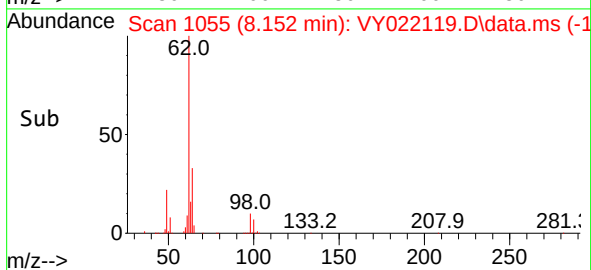
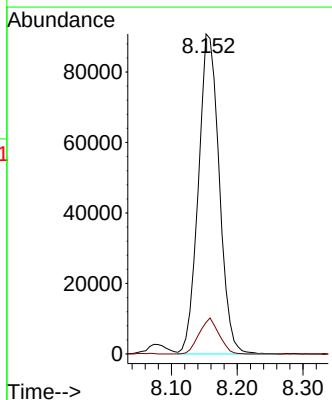
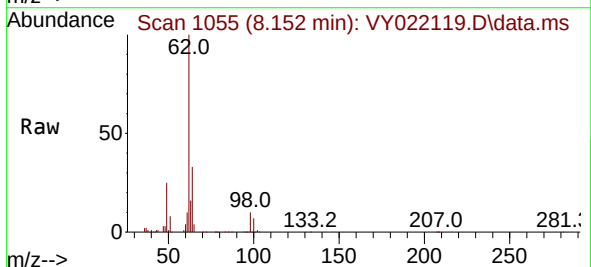
Manual Integrations
APPROVED

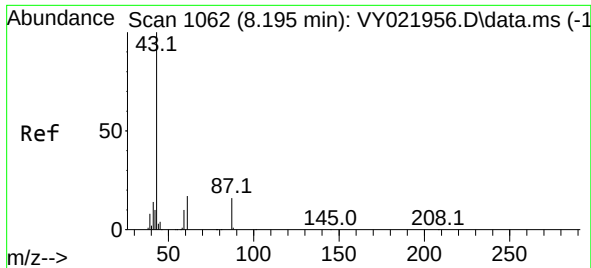
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#42
1,2-Dichloroethane
Concen: 50.939 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

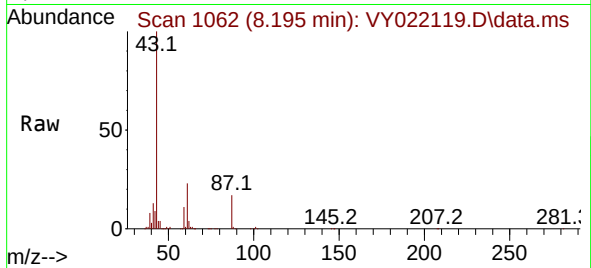
Tgt Ion: 62 Resp: 199762
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0





#43
Isopropyl Acetate
Concen: 51.373 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

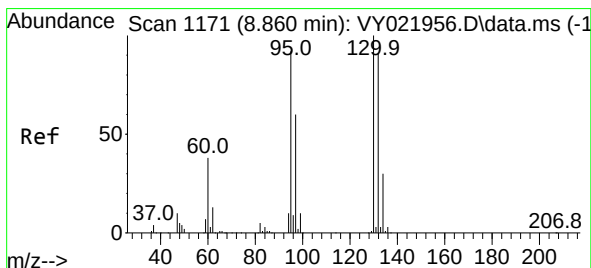
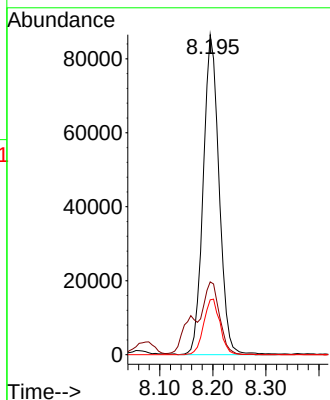
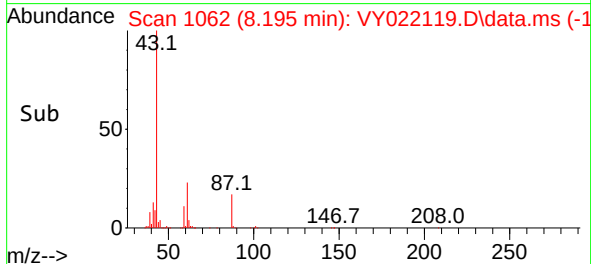
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 17953
Ion Ratio Lower Upper
43 100
61 23.6 18.9 28.3
87 17.8 13.7 20.5

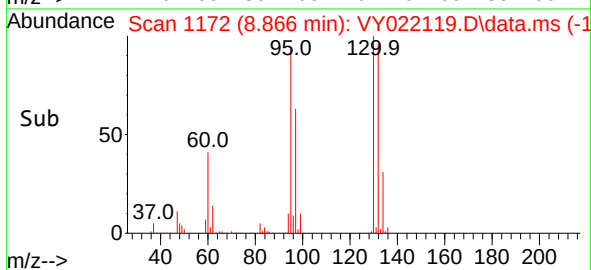
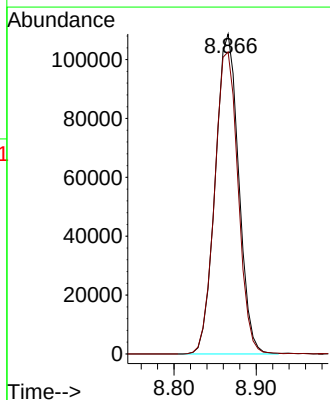
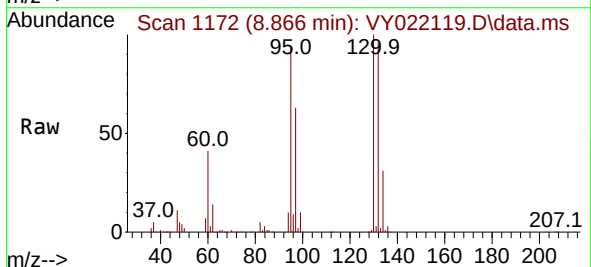
Manual Integrations
APPROVED

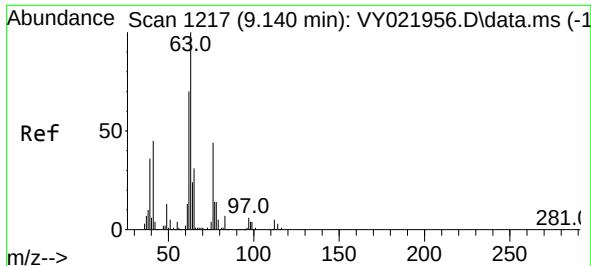
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#44
Trichloroethene
Concen: 48.966 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Tgt Ion:130 Resp: 214824
Ion Ratio Lower Upper
130 100
95 94.4 0.0 183.2





#45

1,2-Dichloropropane

Concen: 48.833 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 171050

Ion Ratio Lower Upper

63 100

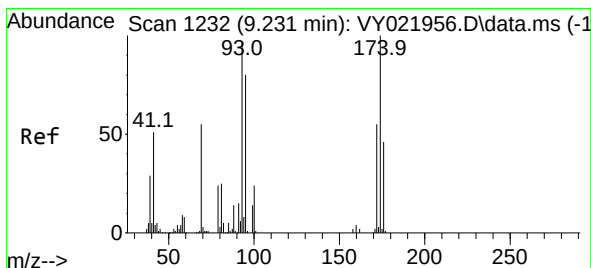
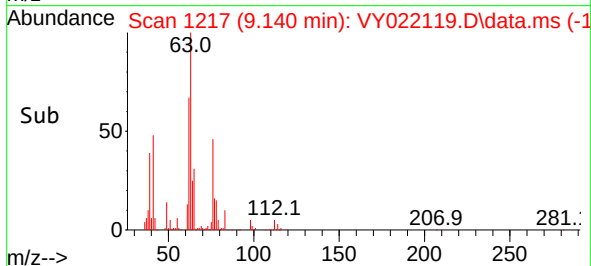
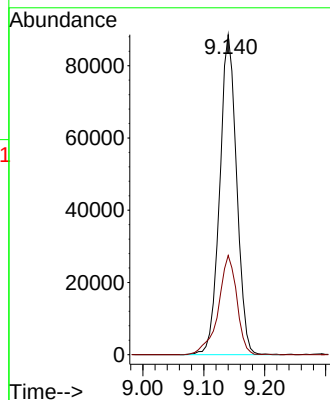
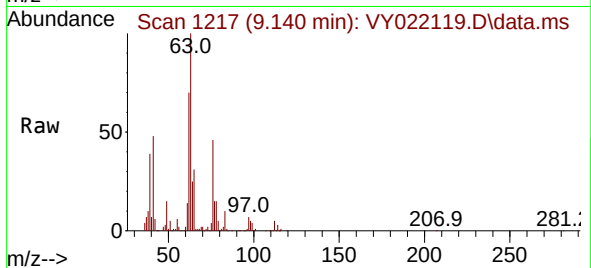
65 31.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#46

Dibromomethane

Concen: 50.074 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

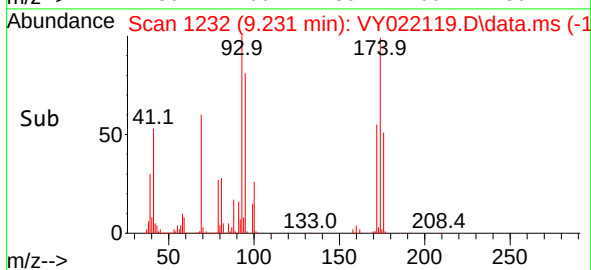
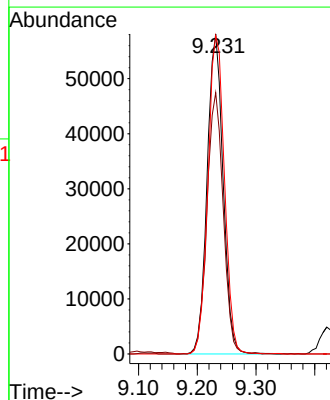
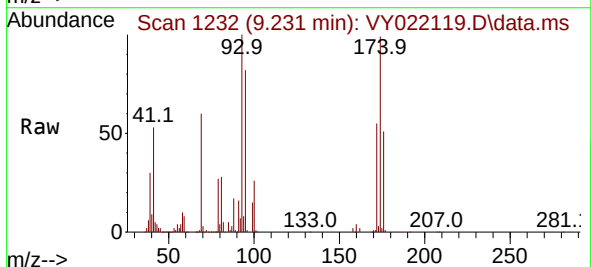
Tgt Ion: 93 Resp: 109796

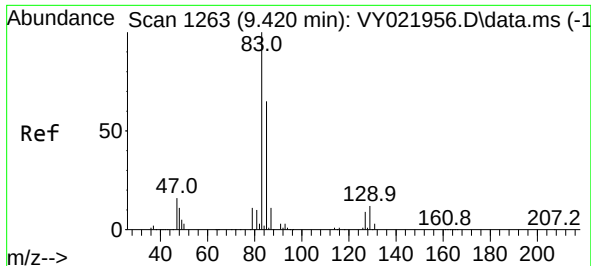
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

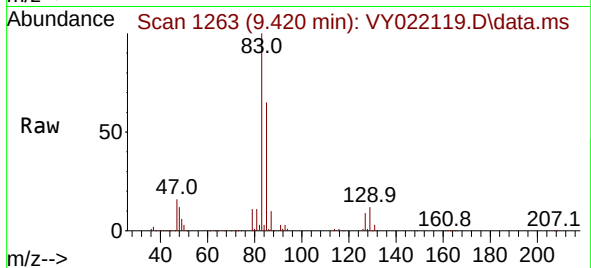
174 102.8 84.6 127.0





#47
Bromodichloromethane
Concen: 50.632 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

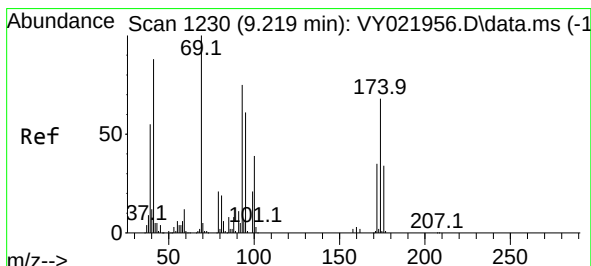
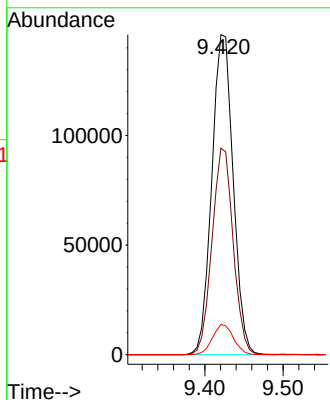
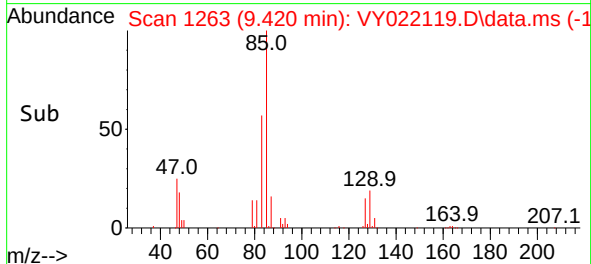
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 277344
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8
127 9.4 7.0 10.6

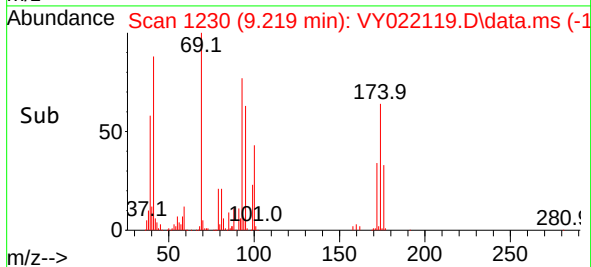
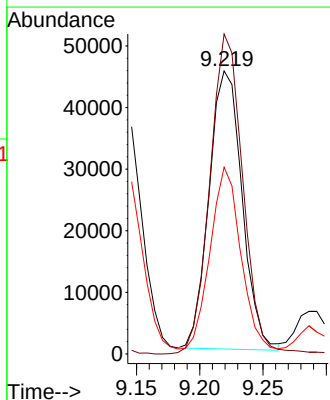
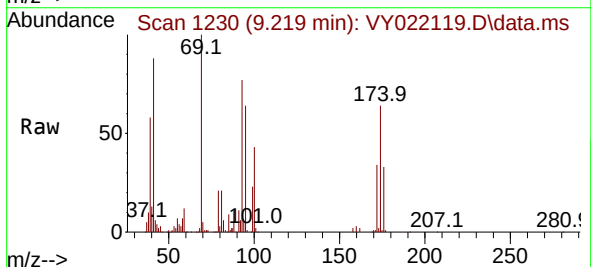
Manual Integrations
APPROVED

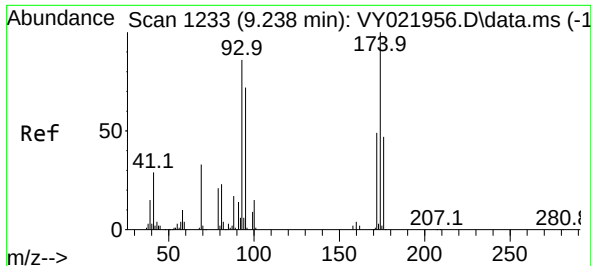
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#48
Methyl methacrylate
Concen: 50.793 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Tgt Ion: 41 Resp: 82061
Ion Ratio Lower Upper
41 100
69 114.7 85.5 128.3
39 60.5 46.2 69.4





#49

1,4-Dioxane

Concen: 1034.081 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

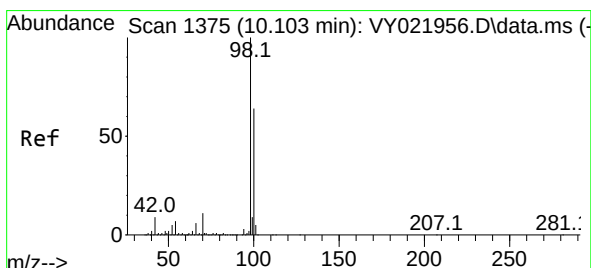
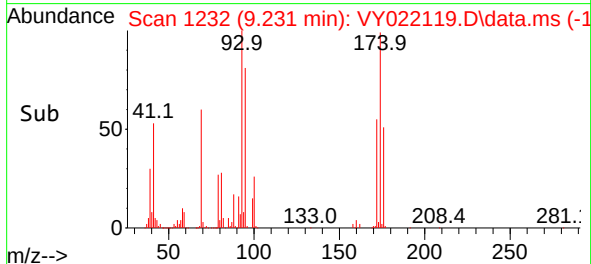
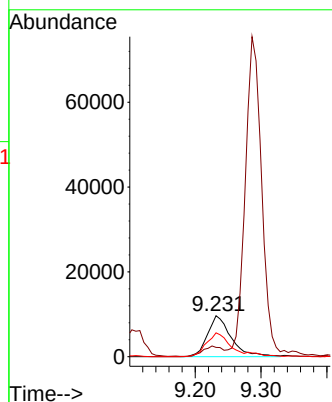
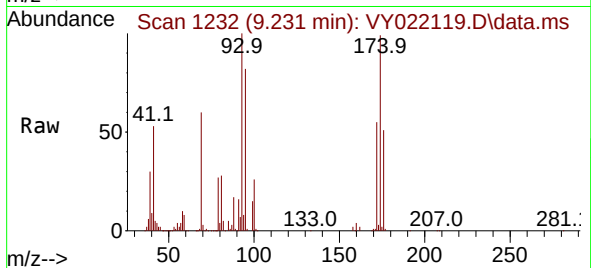
VSTDCCC050

Tgt Ion:	88	Resp:	2416
Ion	Ratio	Lower	Upper
88	100		
43	19.8	21.3	31.9
58	62.8	50.5	75.7

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 47.155 ug/l

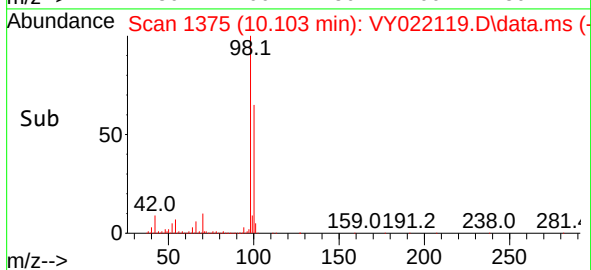
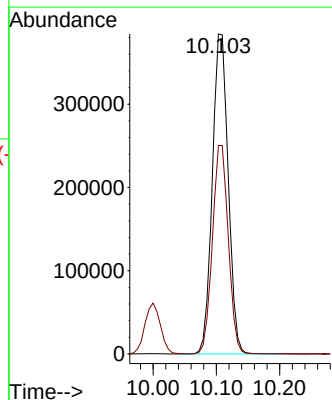
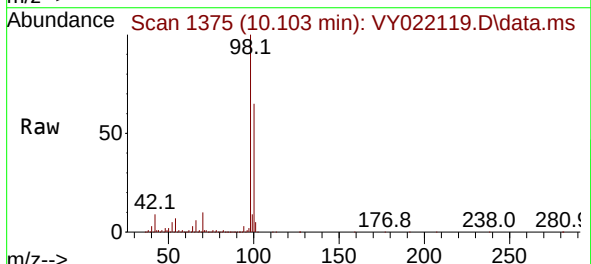
RT: 10.103 min Scan# 1375

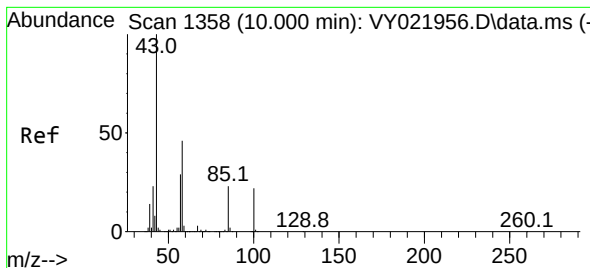
Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

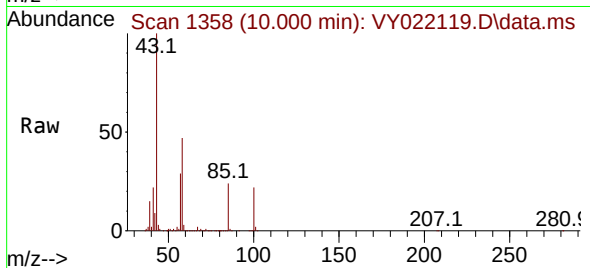
Tgt Ion:	98	Resp:	670593
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 262.438 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

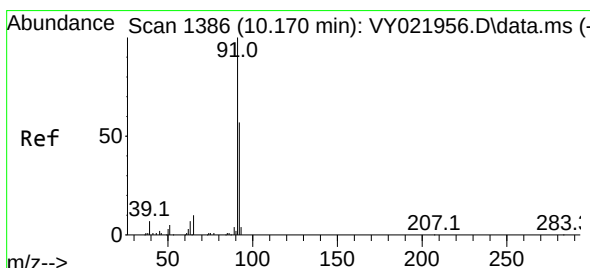
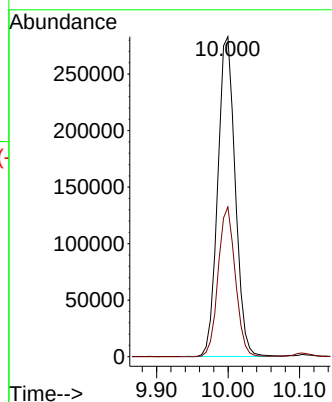
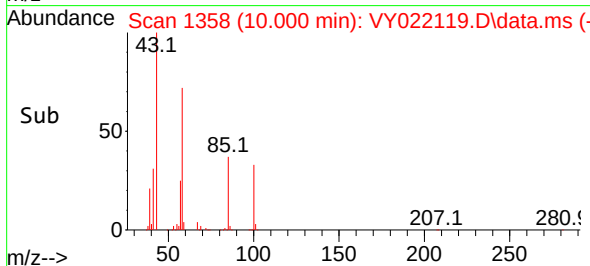
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 480789
Ion Ratio Lower Upper
43 100
58 46.0 36.6 55.0

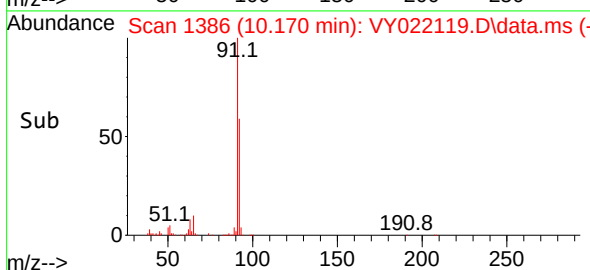
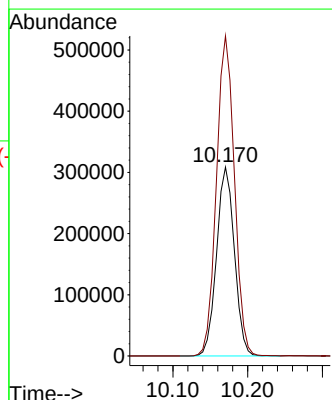
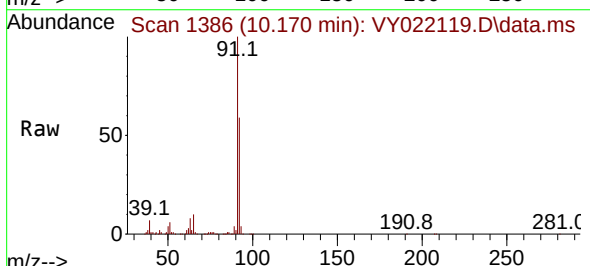
Manual Integrations
APPROVED

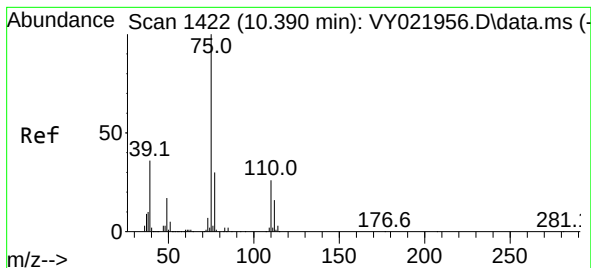
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#52
Toluene
Concen: 50.065 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

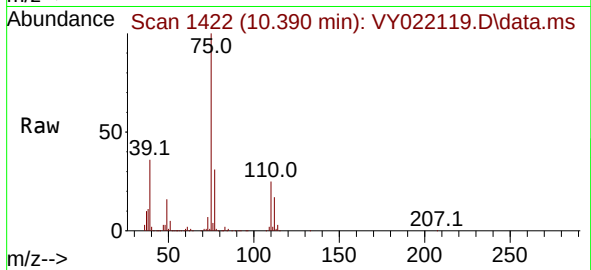
Tgt Ion: 92 Resp: 513310
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 51.489 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022119.D
 Acq: 02 May 2025 10:56

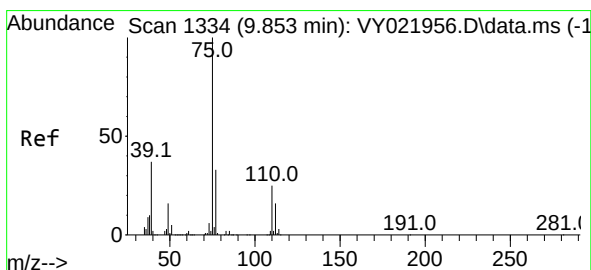
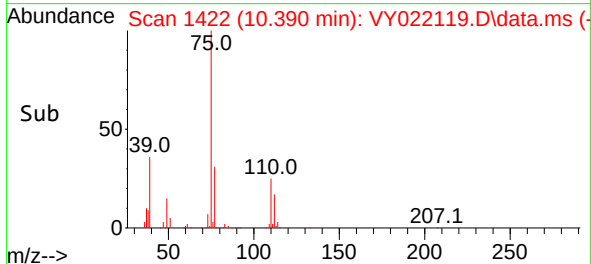
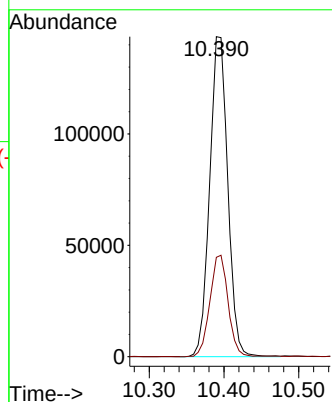
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 241919
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.0 36.0

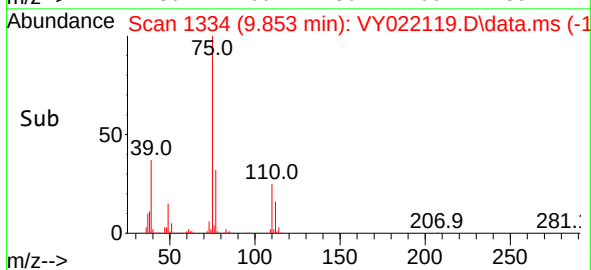
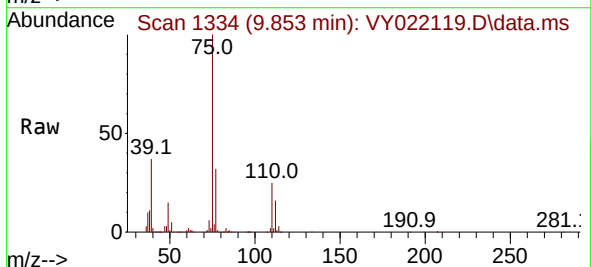
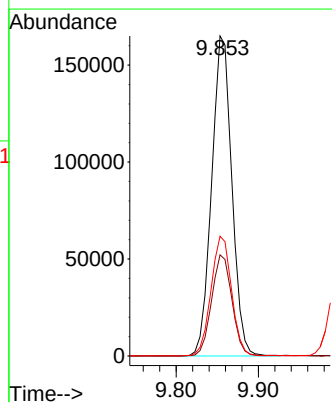
Manual Integrations
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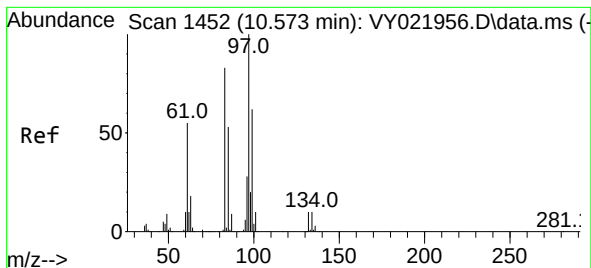
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#54
 cis-1,3-Dichloropropene
 Concen: 50.397 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022119.D
 Acq: 02 May 2025 10:56

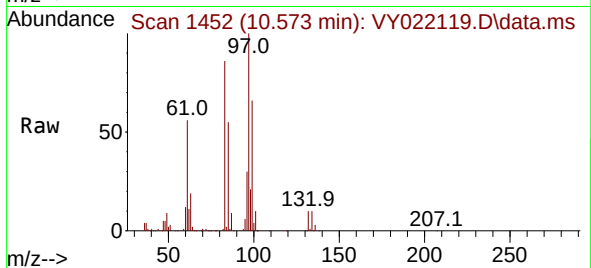
Tgt Ion: 75 Resp: 281472
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 40.0
 39 37.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 49.851 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

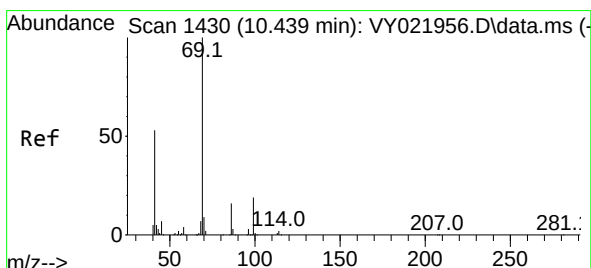
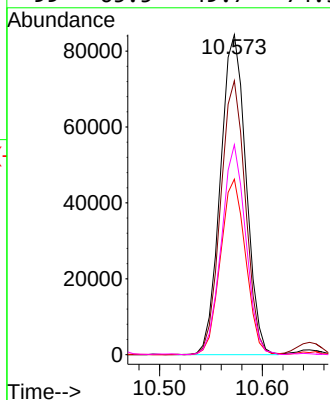
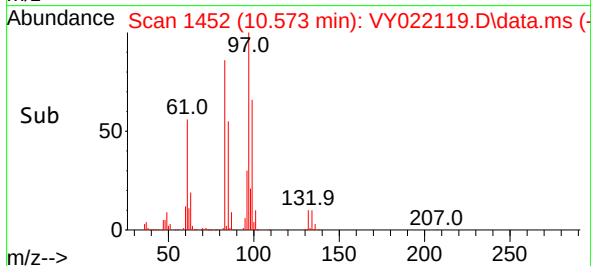


Tgt Ion: 97 Resp: 14601

Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.7	100.1
85	54.8	42.6	64.0
99	65.5	49.7	74.5

Manual Integrations
APPROVED

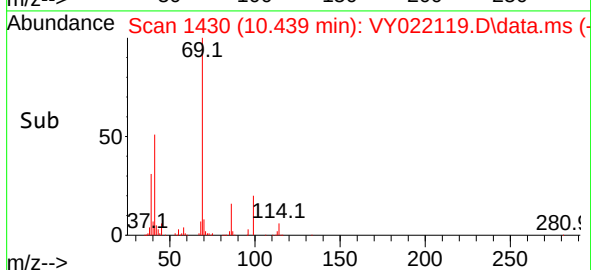
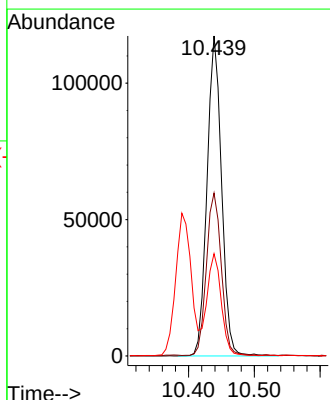
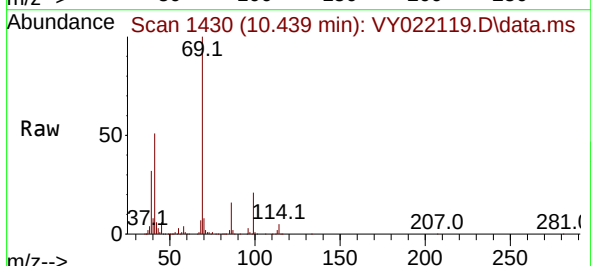
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

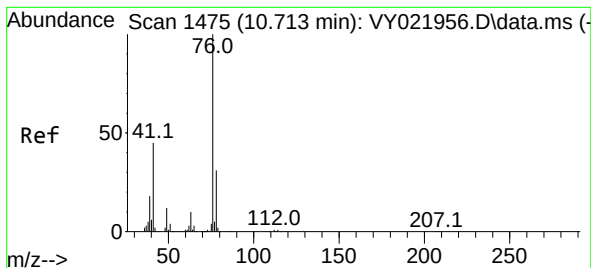


#56
Ethyl methacrylate
Concen: 53.894 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

Tgt Ion: 69 Resp: 180514

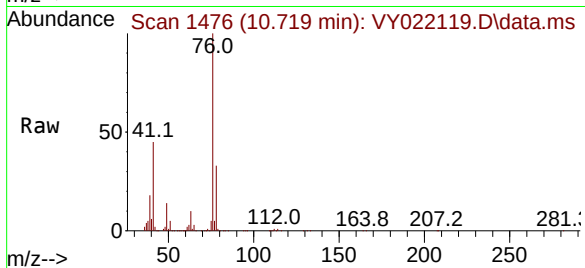
Ion	Ratio	Lower	Upper
69	100		
41	51.9	40.7	61.1
39	31.9	23.3	34.9





#57
1,3-Dichloropropane
Concen: 50.040 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

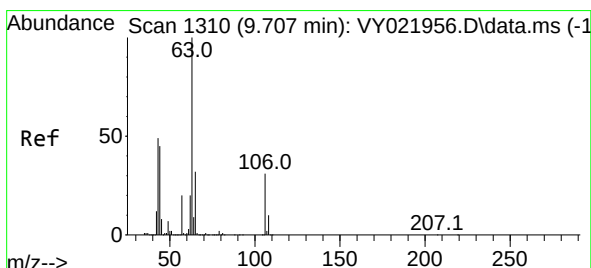
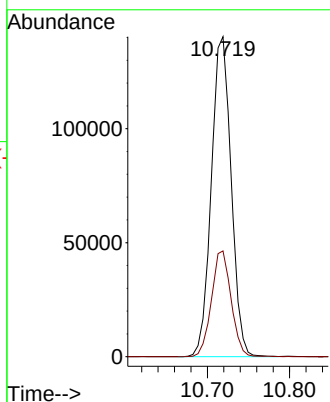
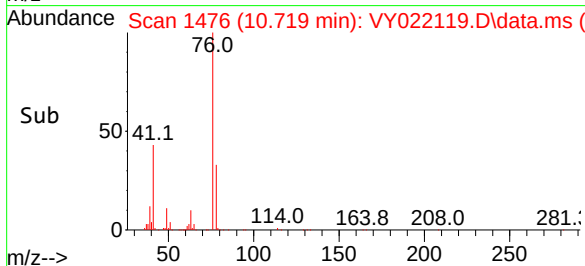
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 234959
Ion Ratio Lower Upper
76 100
78 32.8 26.6 39.8

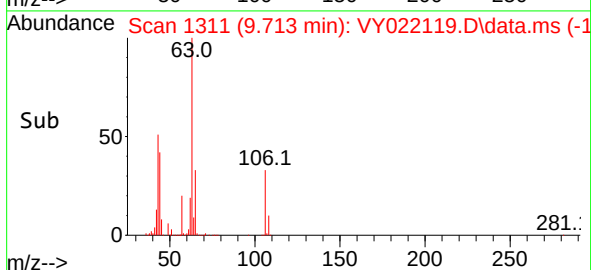
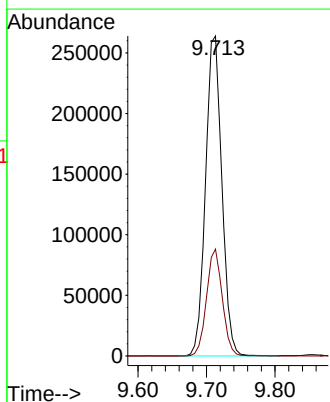
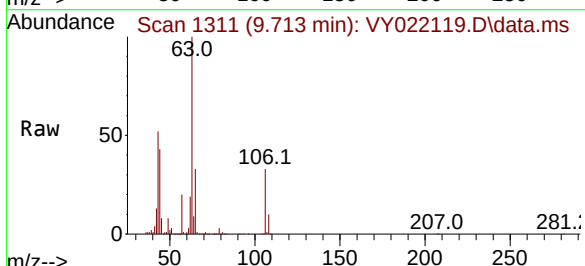
Manual Integrations
APPROVED

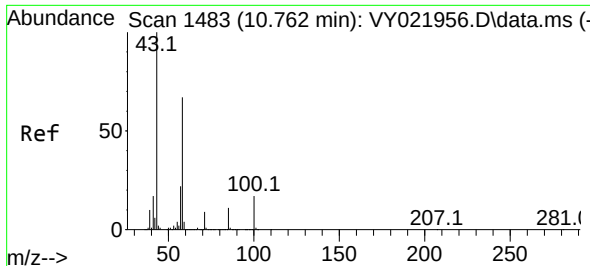
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 267.142 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

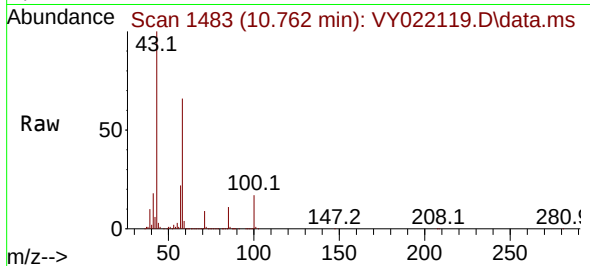
Tgt Ion: 63 Resp: 437480
Ion Ratio Lower Upper
63 100
106 32.3 25.3 37.9





#59
2-Hexanone
Concen: 264.152 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

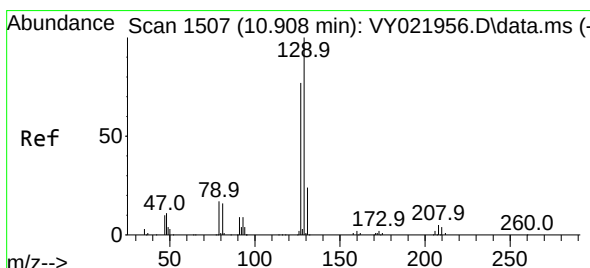
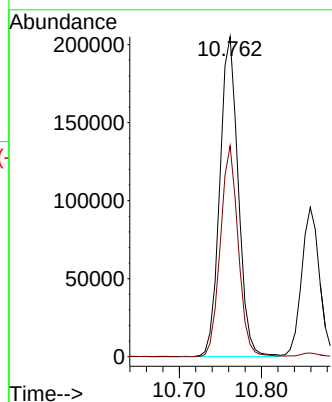
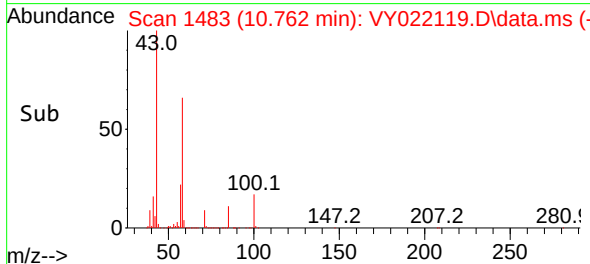
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 319192
Ion Ratio Lower Upper
43 100
58 64.0 32.0 96.0

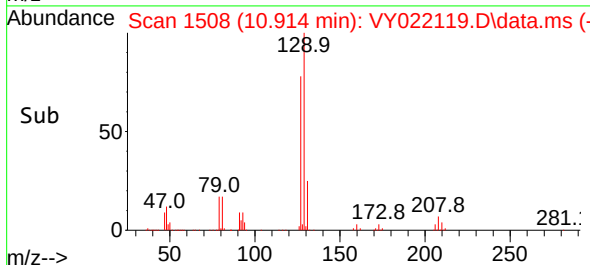
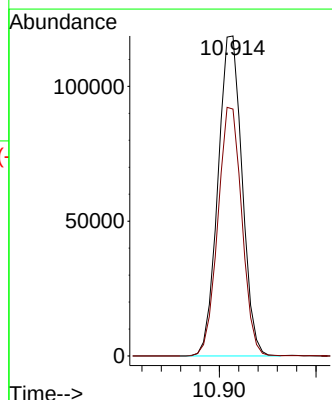
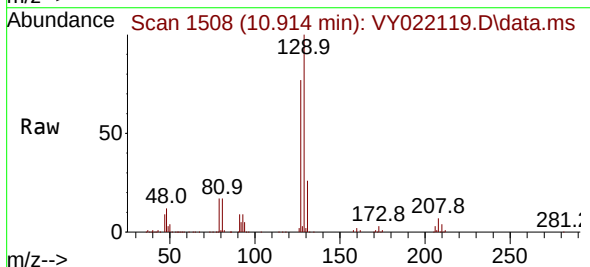
Manual Integrations
APPROVED

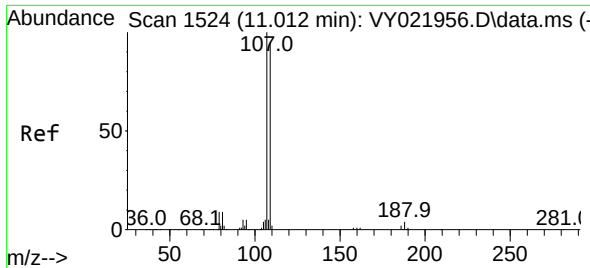
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#60
Dibromochloromethane
Concen: 50.617 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

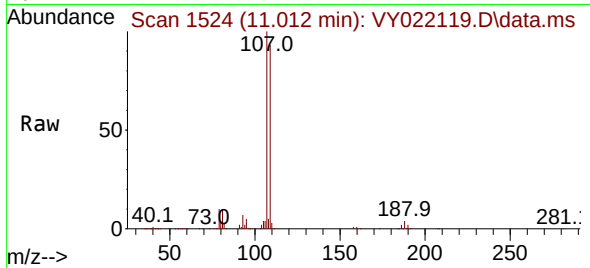
Tgt Ion:129 Resp: 205255
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61
1,2-Dibromoethane
Concen: 50.813 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

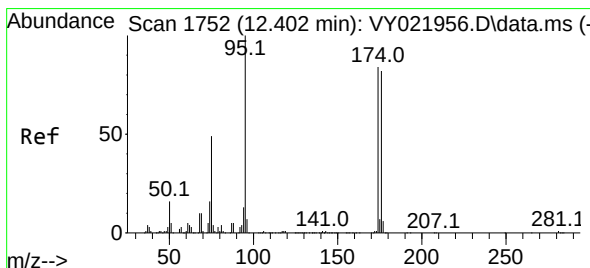
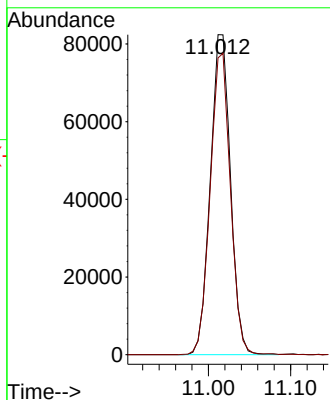
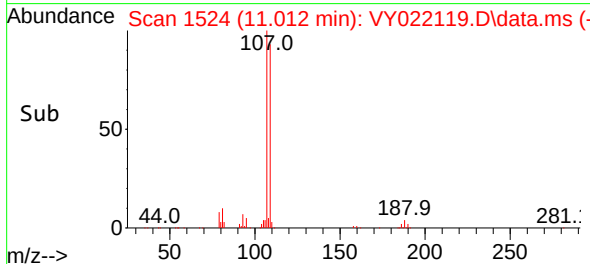
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



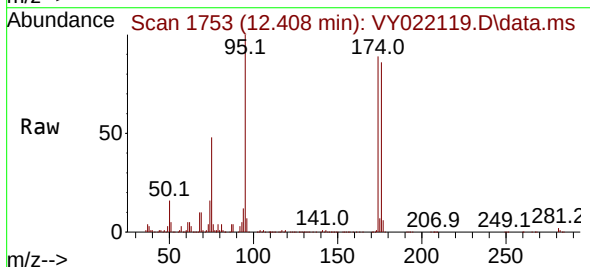
Tgt Ion:107 Resp: 140502
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.8

Manual Integrations
APPROVED

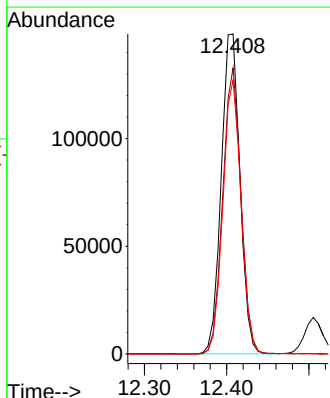
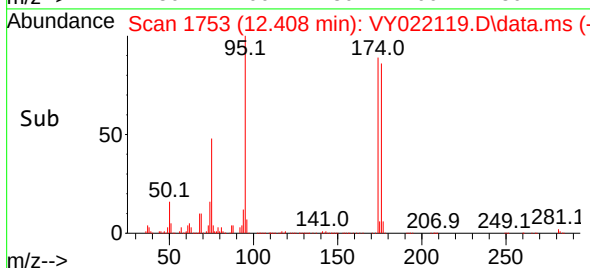
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

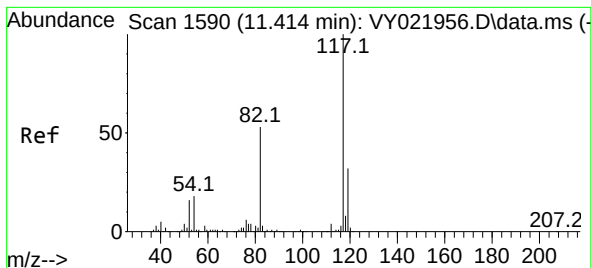


#62
4-Bromofluorobenzene
Concen: 49.184 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



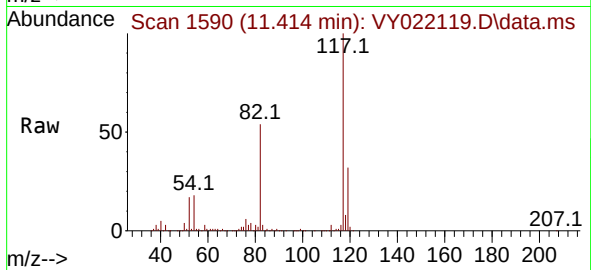
Tgt Ion: 95 Resp: 235461
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.0
176 83.1 0.0 171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

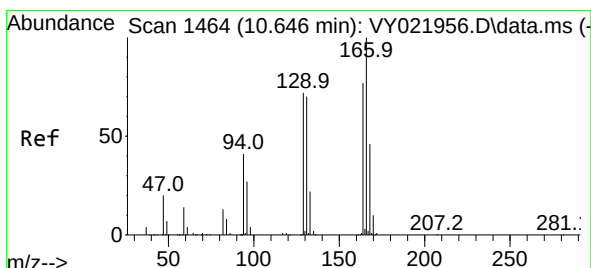
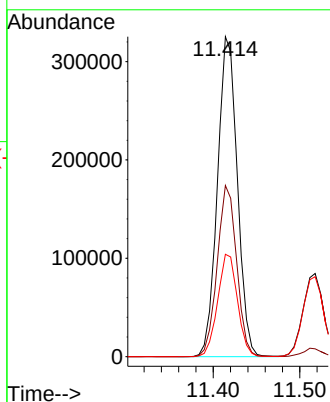
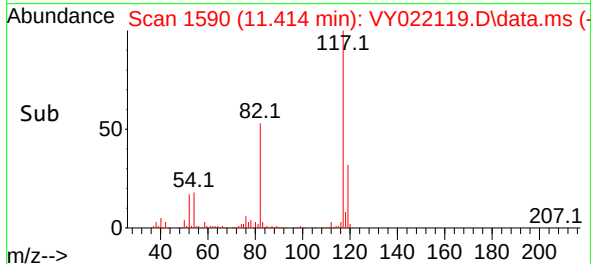
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



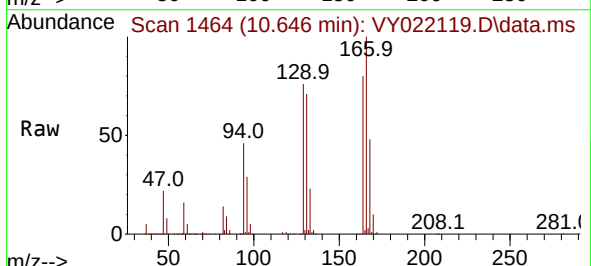
Tgt Ion:117 Resp: 51928
Ion Ratio Lower Upper
117 100
82 53.5 42.1 63.1
119 32.0 25.7 38.5

Manual Integrations
APPROVED

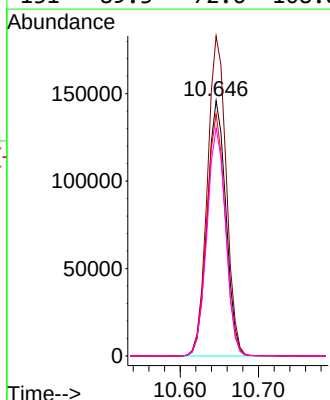
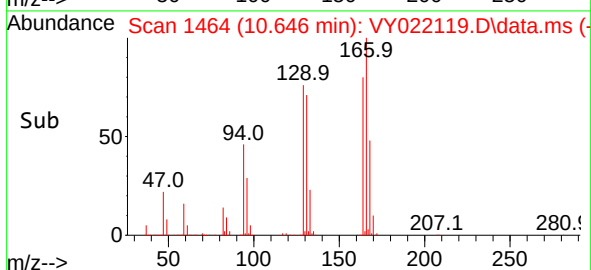
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

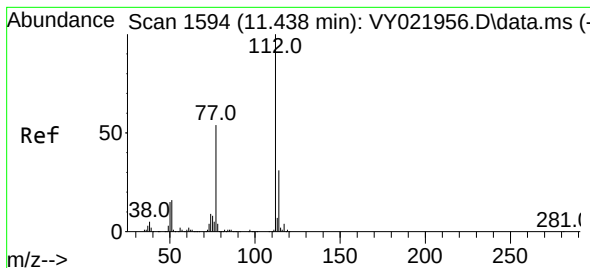


#64
Tetrachloroethene
Concen: 49.368 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



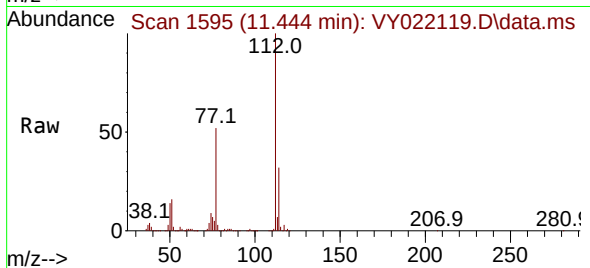
Tgt Ion:164 Resp: 241840
Ion Ratio Lower Upper
164 100
166 125.4 103.6 155.4
129 94.8 74.2 111.4
131 89.3 72.6 108.8





#65
Chlorobenzene
Concen: 49.576 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

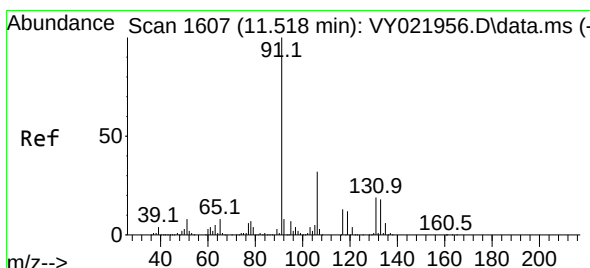
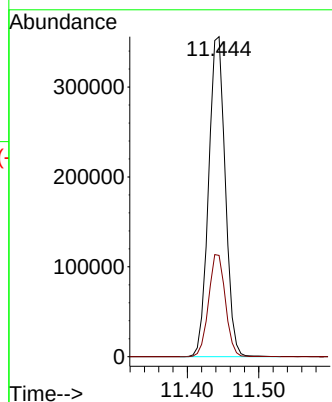
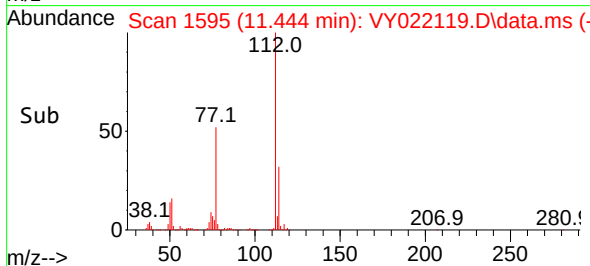
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



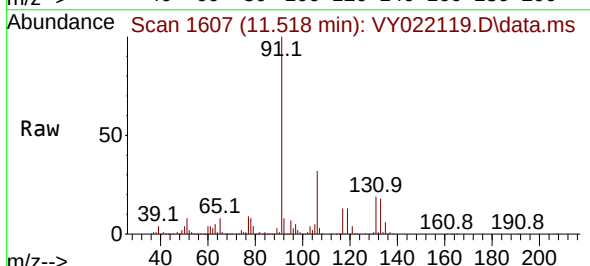
Tgt Ion:112 Resp: 57570
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

Manual Integrations
APPROVED

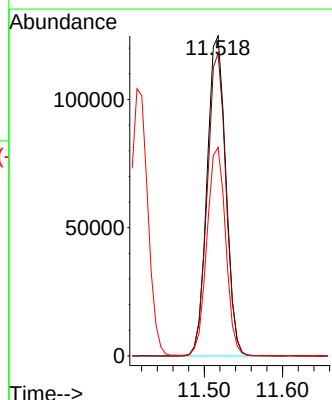
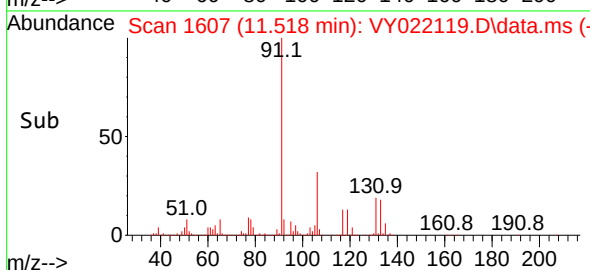
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

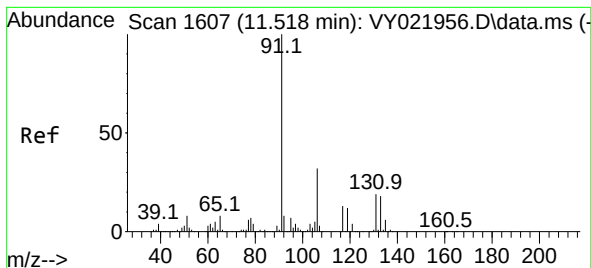


#66
1,1,1,2-Tetrachloroethane
Concen: 50.661 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



Tgt Ion:131 Resp: 207113
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 65.1 32.4 97.0





#67

Ethyl Benzene

Concen: 50.995 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 968700

Ion Ratio Lower Upper

91 100

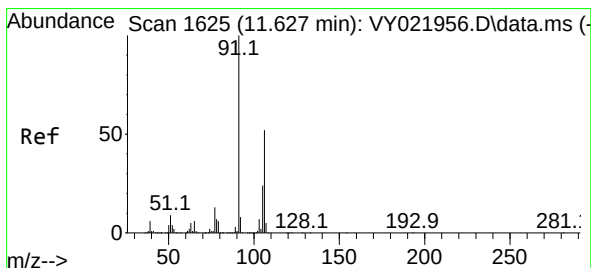
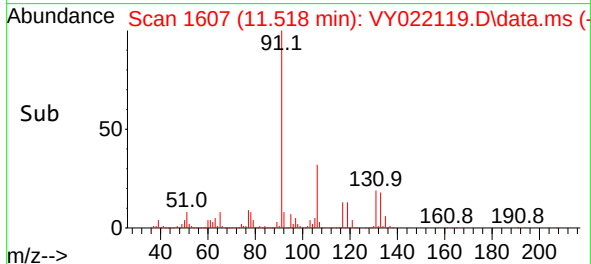
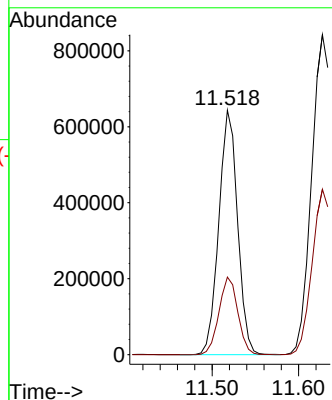
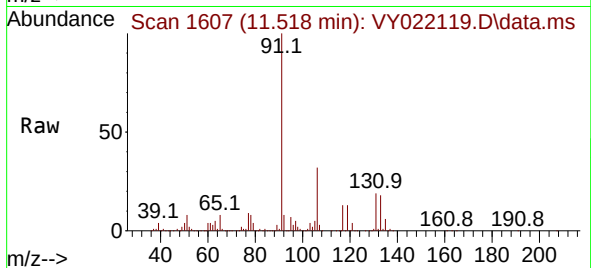
106 31.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#68

m/p-Xylenes

Concen: 101.858 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022119.D

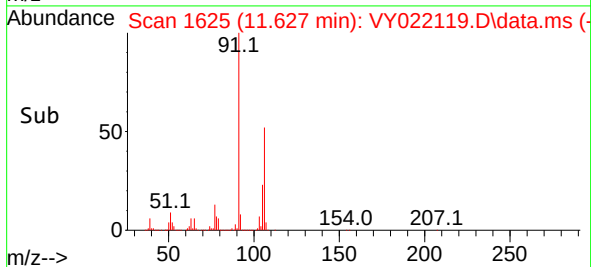
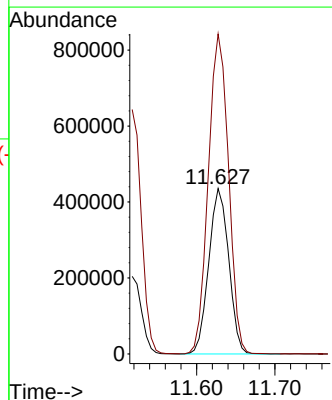
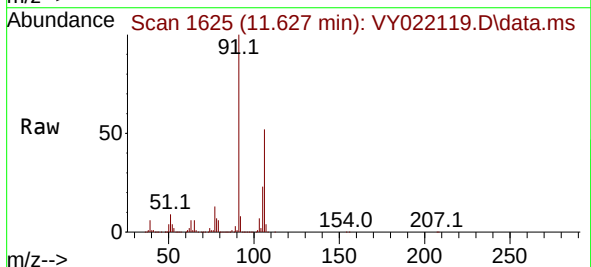
Acq: 02 May 2025 10:56

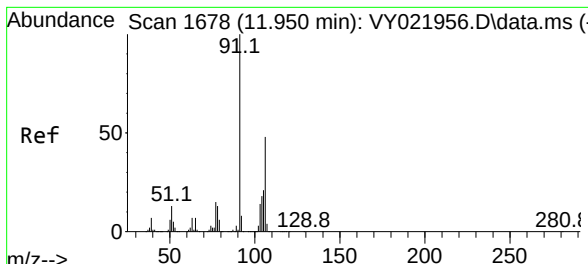
Tgt Ion:106 Resp: 769944

Ion Ratio Lower Upper

106 100

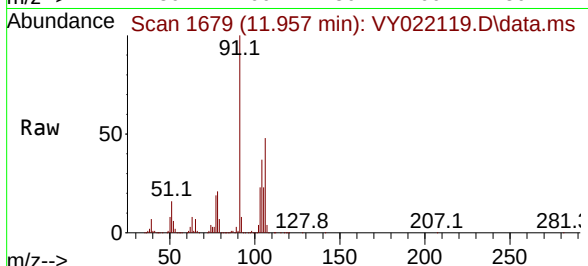
91 196.3 156.2 234.2





#69
o-Xylene
Concen: 52.207 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

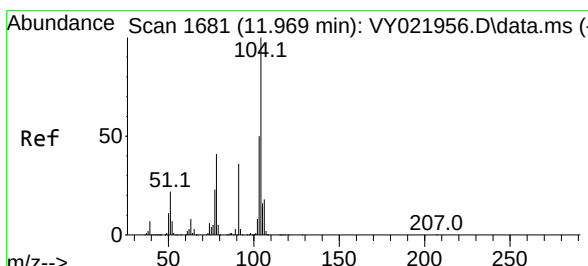
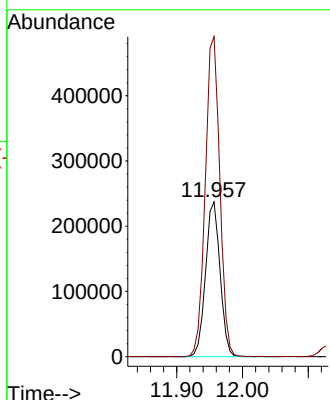
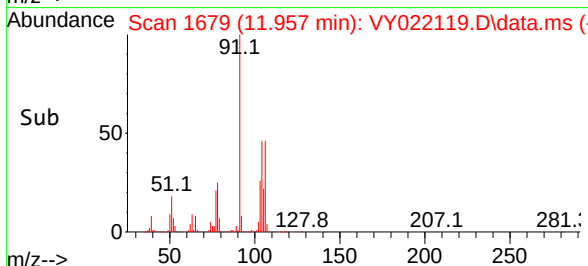
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



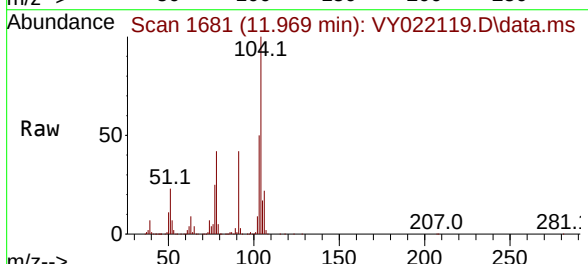
Tgt Ion:106 Resp: 363730
Ion Ratio Lower Upper
106 100
91 207.2 103.0 308.9

Manual Integrations
APPROVED

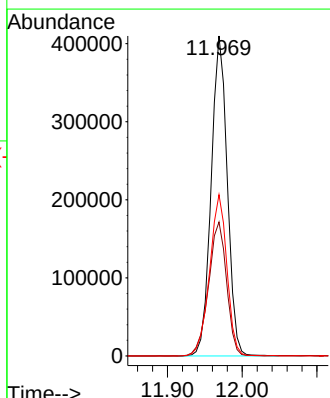
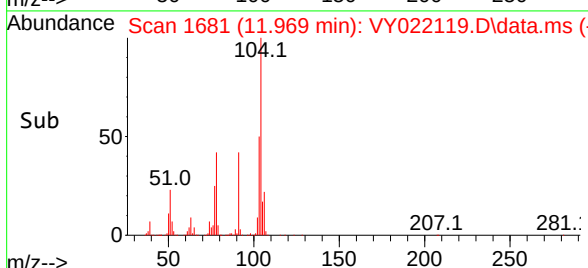
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

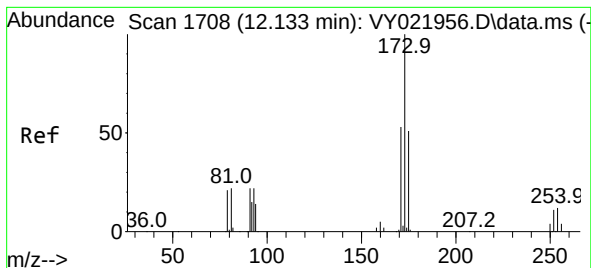


#70
Styrene
Concen: 52.552 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



Tgt Ion:104 Resp: 614740
Ion Ratio Lower Upper
104 100
78 46.8 36.6 54.8
103 54.0 43.8 65.8





#71

Bromoform

Concen: 51.392 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

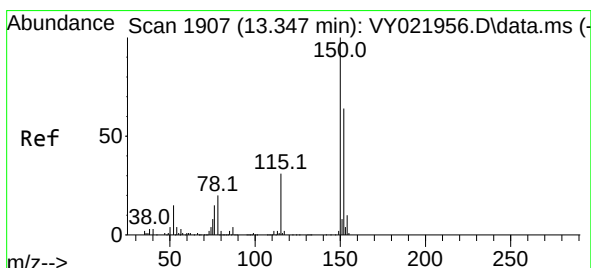
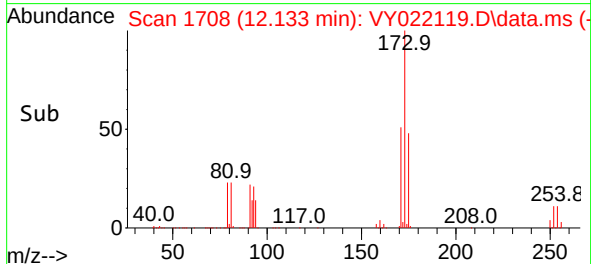
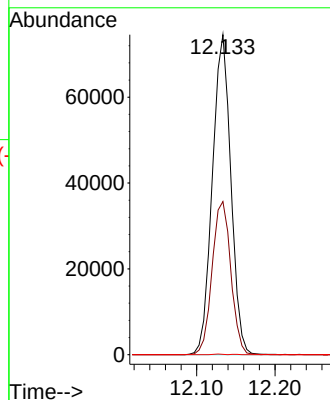
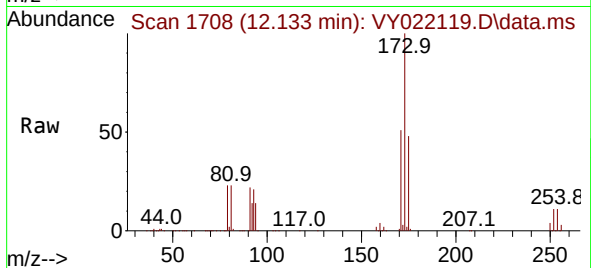
VSTDCCC050

Tgt Ion:173	Resp: 12215
Ion Ratio	Lower Upper
173	100
175	48.5 24.3 72.8
254	0.1 0.0 0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

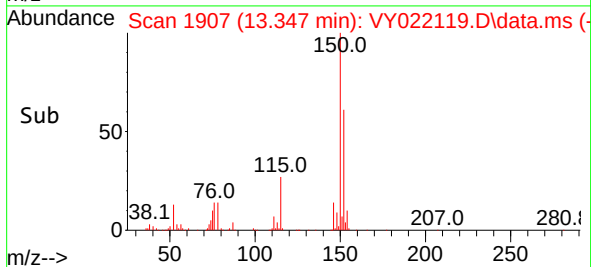
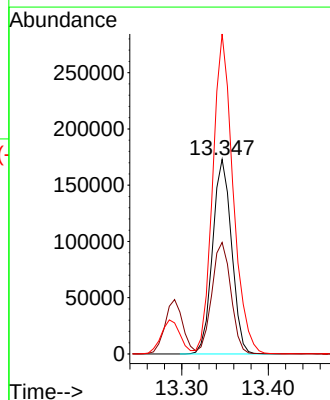
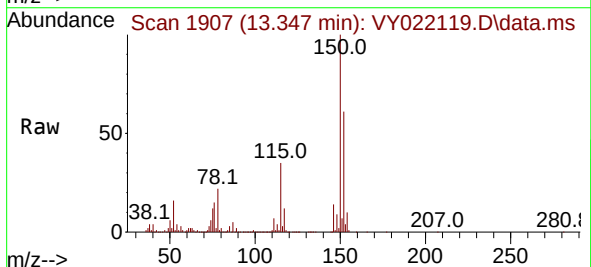
RT: 13.347 min Scan# 1907

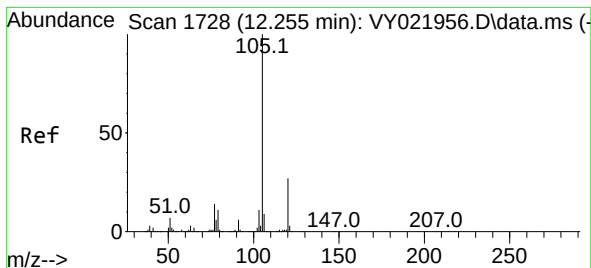
Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Tgt Ion:152	Resp: 263357
Ion Ratio	Lower Upper
152	100
115	57.4 28.0 84.0
150	175.8 0.0 345.6





#73

Isopropylbenzene

Concen: 54.177 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 95324

Ion Ratio Lower Upper

105 100

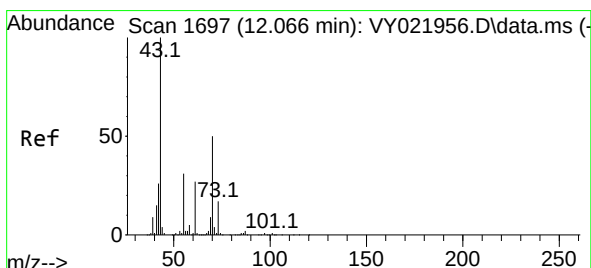
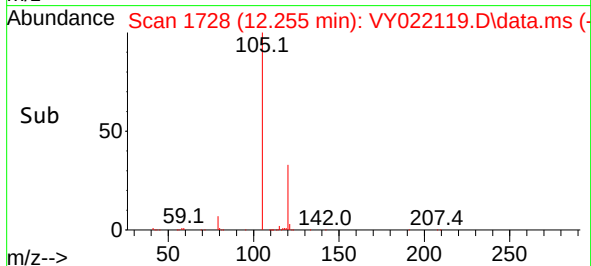
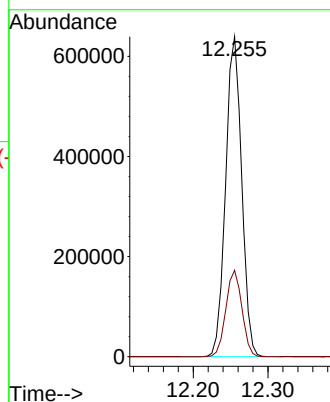
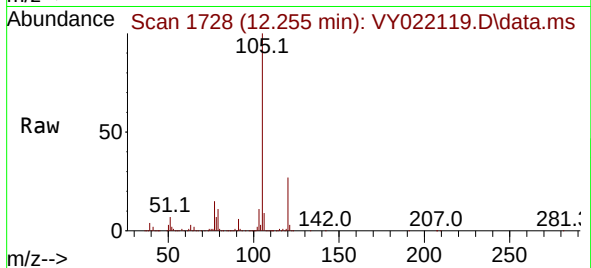
120 27.0 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#74

N-ethyl acetate

Concen: 54.552 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Tgt Ion: 43 Resp: 164911

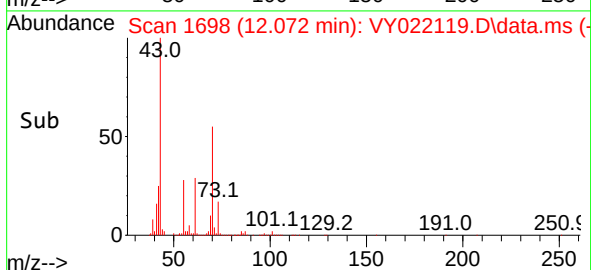
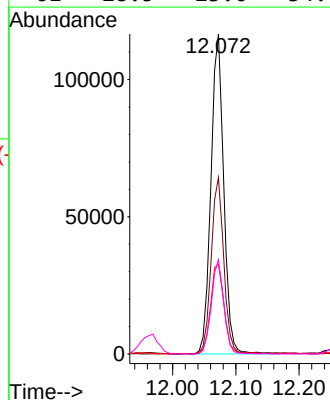
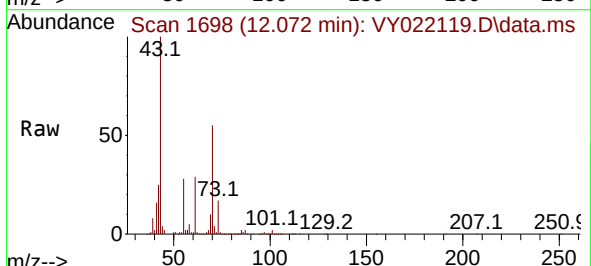
Ion Ratio Lower Upper

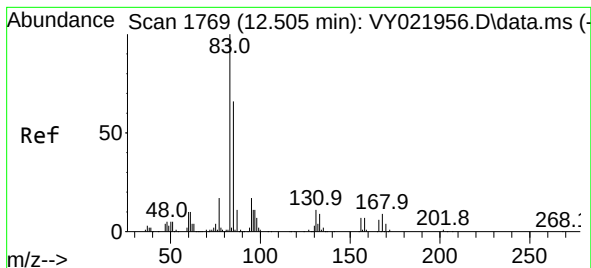
43 100

70 54.4 43.2 64.8

55 29.5 25.7 38.5

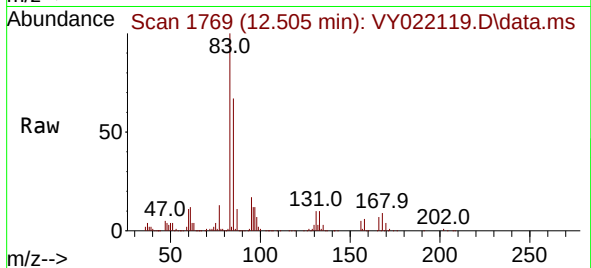
61 28.5 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.404 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

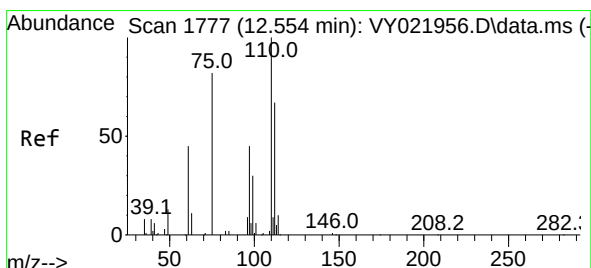
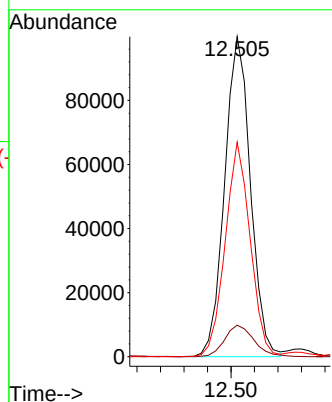
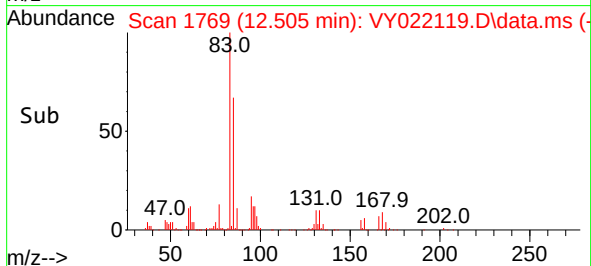
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



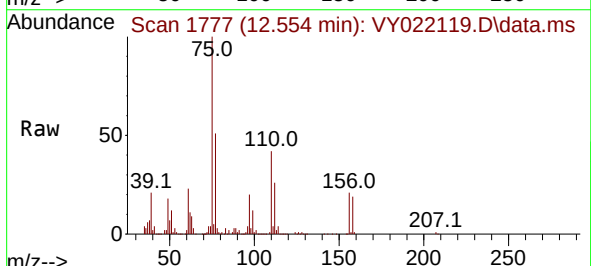
Tgt Ion: 83 Resp: 152489
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.4
85 64.8 32.3 96.8

Manual Integrations
APPROVED

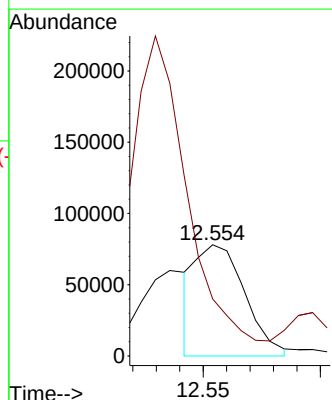
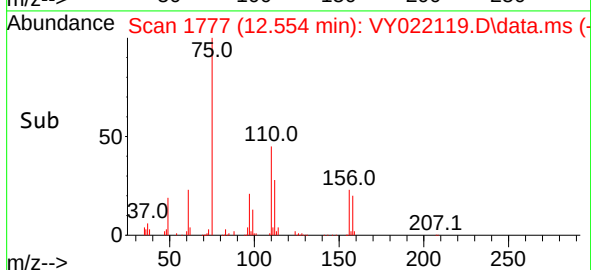
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

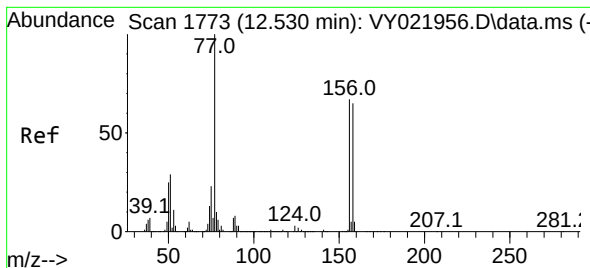


#76
1,2,3-Trichloropropane
Concen: 50.681 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



Tgt Ion: 75 Resp: 114326
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.552 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 233640

Ion Ratio Lower Upper

156 100

77 167.1 82.7 248.1

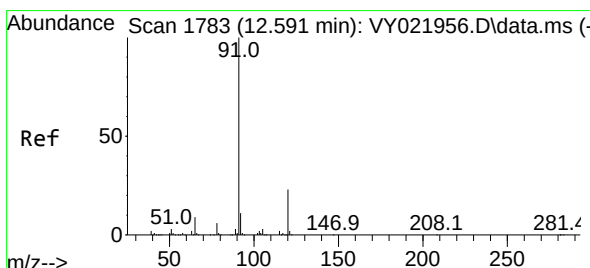
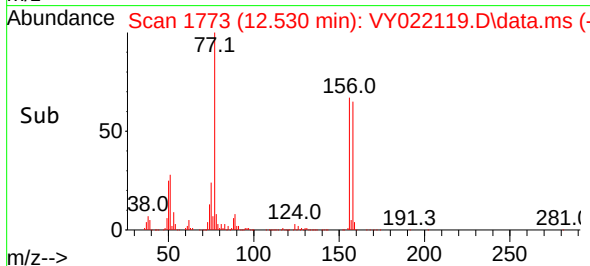
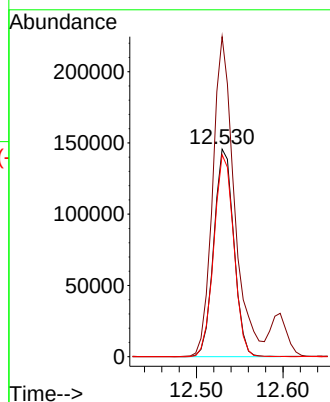
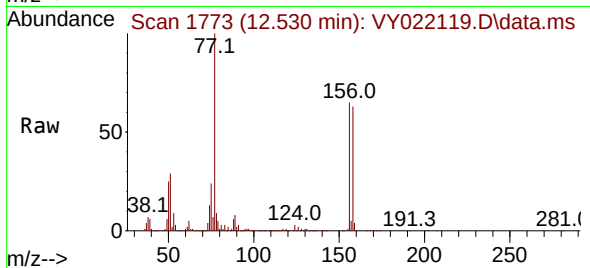
158 97.1 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#78

n-propylbenzene

Concen: 53.284 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022119.D

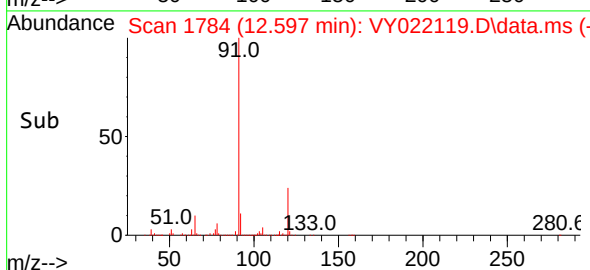
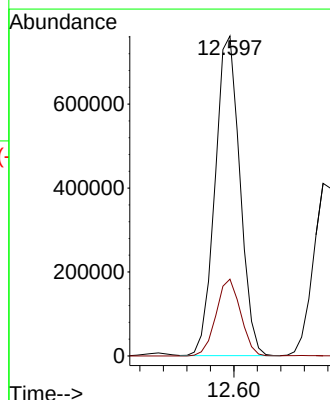
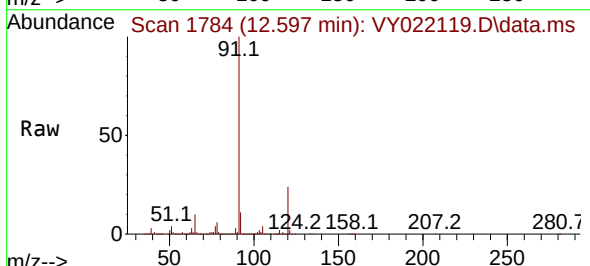
Acq: 02 May 2025 10:56

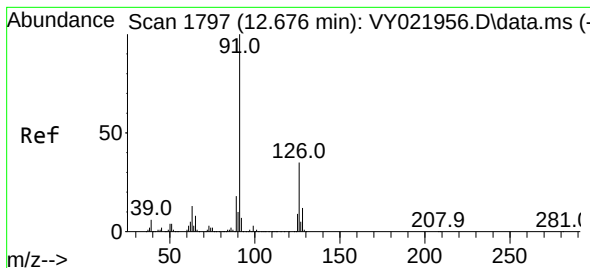
Tgt Ion: 91 Resp: 1116491

Ion Ratio Lower Upper

91 100

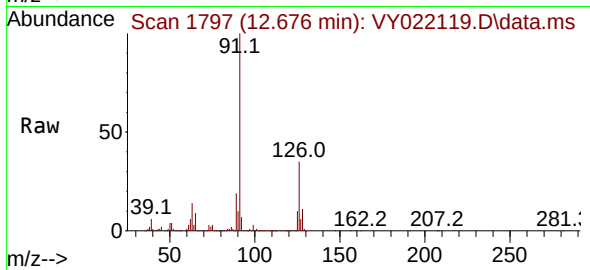
120 23.8 11.9 35.5





#79
2-Chlorotoluene
Concen: 52.862 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

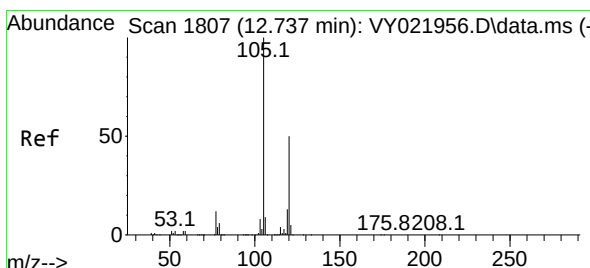
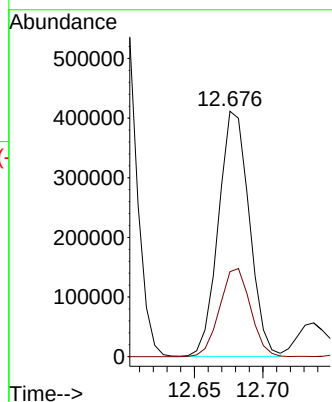
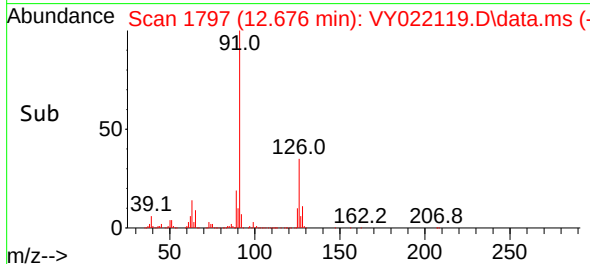
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



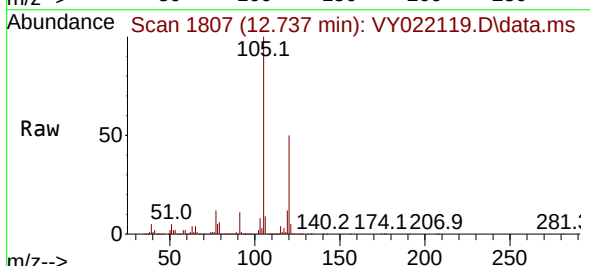
Tgt Ion: 91 Resp: 64416
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8

Manual Integrations
APPROVED

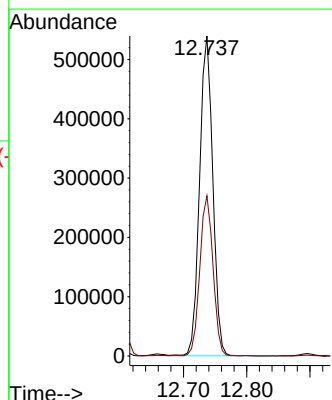
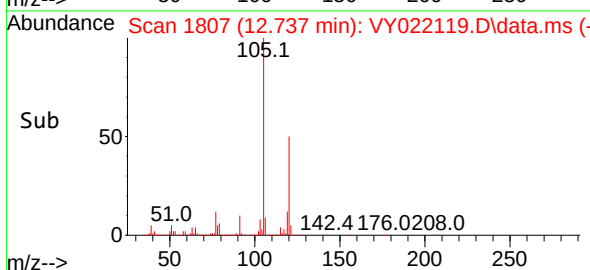
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

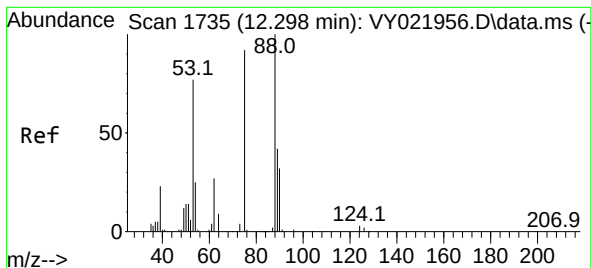


#80
1,3,5-Trimethylbenzene
Concen: 54.102 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



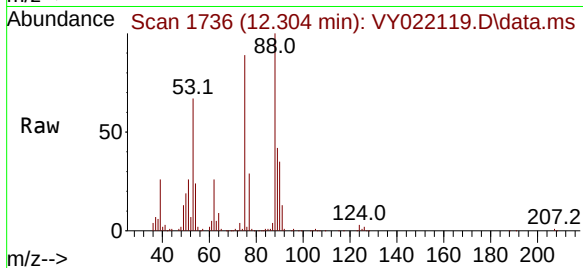
Tgt Ion:105 Resp: 784334
Ion Ratio Lower Upper
105 100
120 50.3 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.413 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

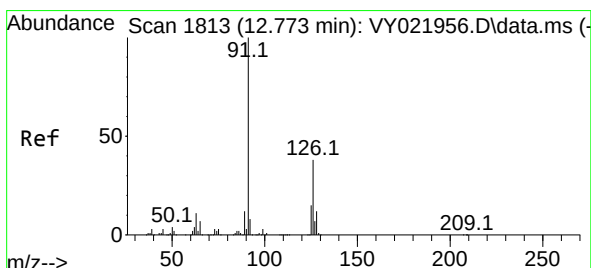
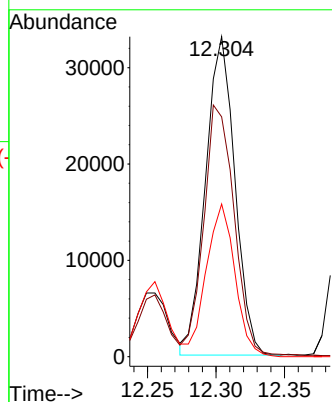
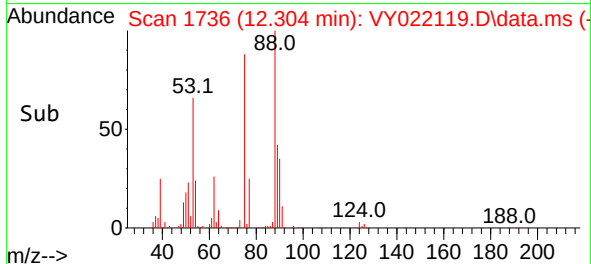
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4909
Ion Ratio Lower Upper
75 100
53 82.1 66.0 99.0
89 47.4 37.2 55.8

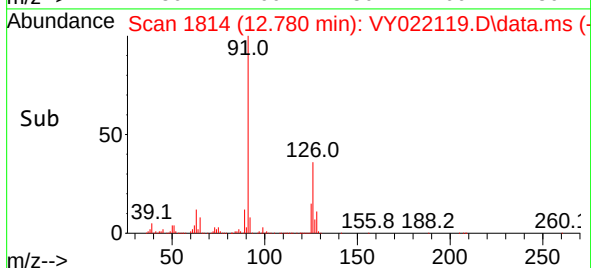
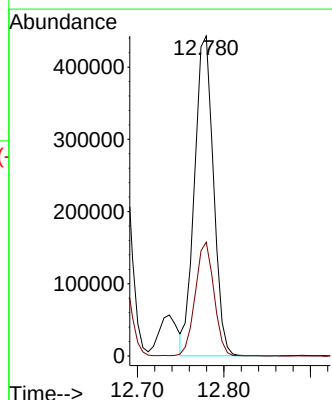
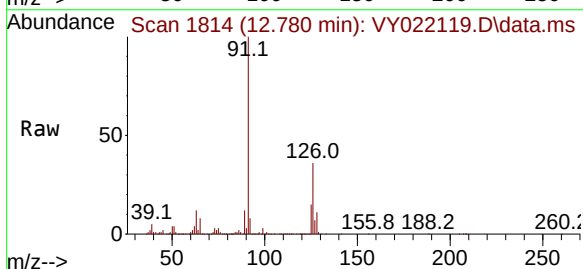
Manual Integrations
APPROVED

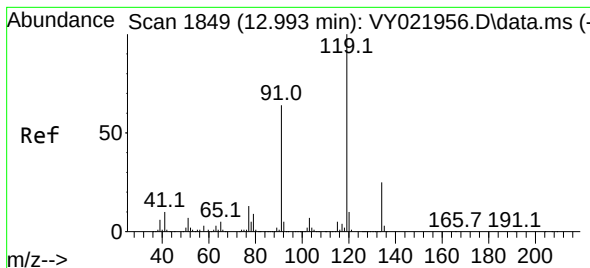
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#82
4-Chlorotoluene
Concen: 53.049 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

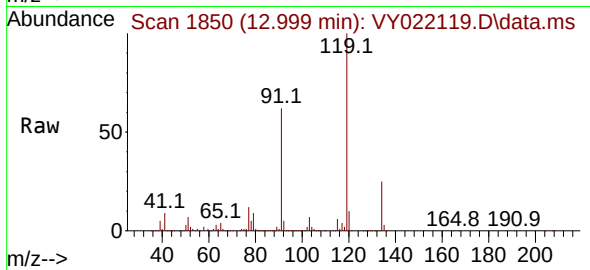
Tgt Ion: 91 Resp: 671998
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8





#83
tert-Butylbenzene
Concen: 54.571 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

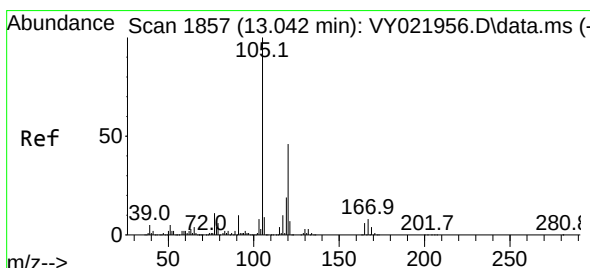
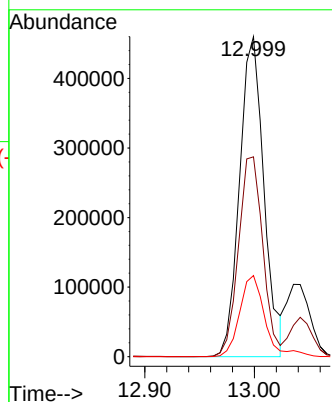
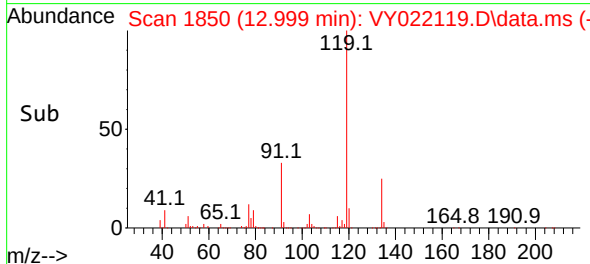
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



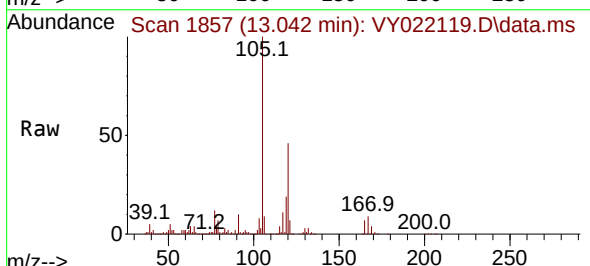
Tgt Ion:119 Resp: 709529
Ion Ratio Lower Upper
119 100
91 62.6 30.3 90.9
134 26.2 12.9 38.7

Manual Integrations
APPROVED

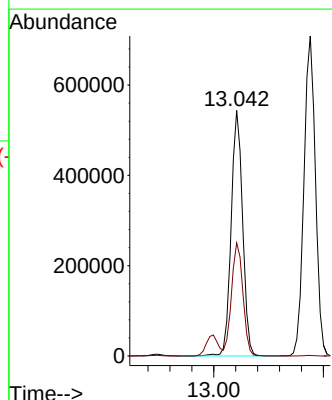
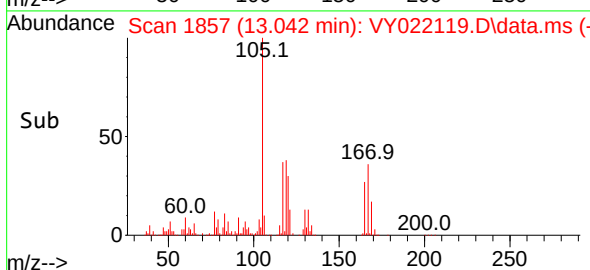
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

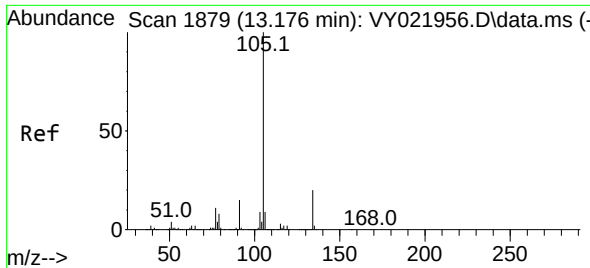


#84
1,2,4-Trimethylbenzene
Concen: 54.388 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



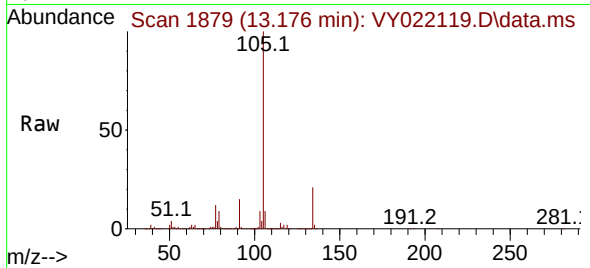
Tgt Ion:105 Resp: 788661
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 53.988 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022119.D
 Acq: 02 May 2025 10:56

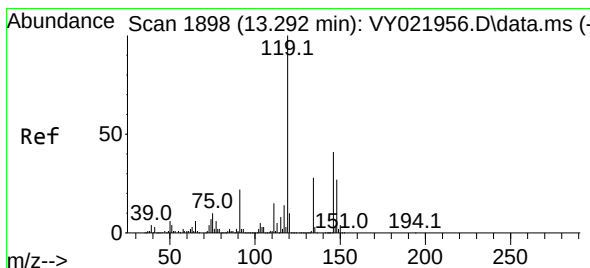
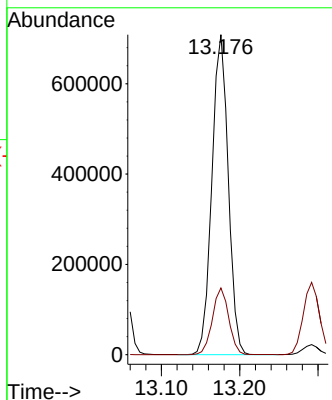
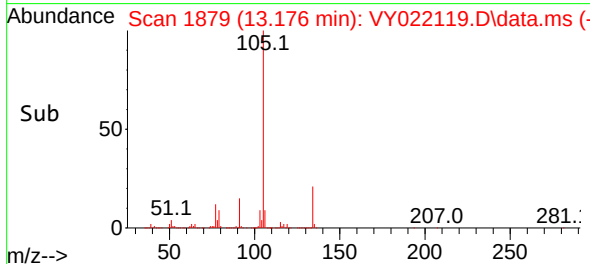
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



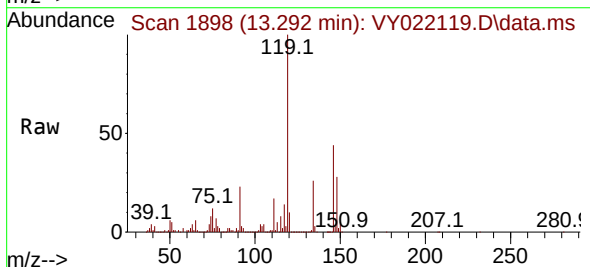
Tgt Ion:105 Resp: 1027164
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9

Manual Integrations
 APPROVED

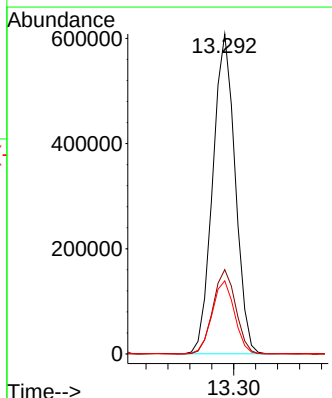
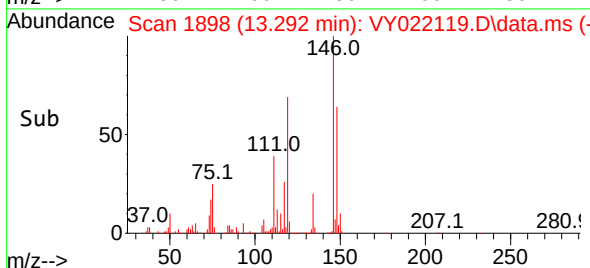
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

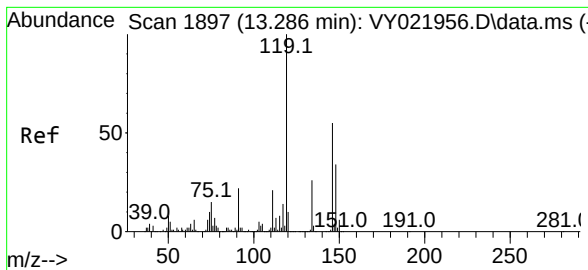


#86
 p-Isopropyltoluene
 Concen: 53.440 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022119.D
 Acq: 02 May 2025 10:56



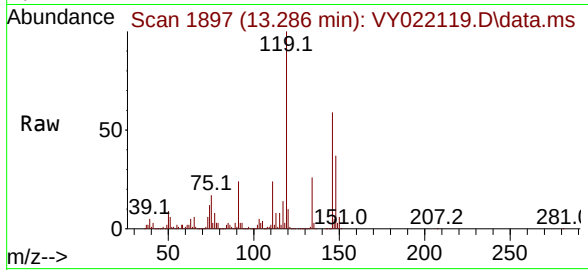
Tgt Ion:119 Resp: 863360
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 22.8 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 50.107 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

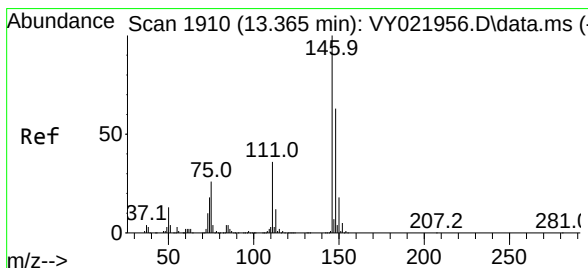
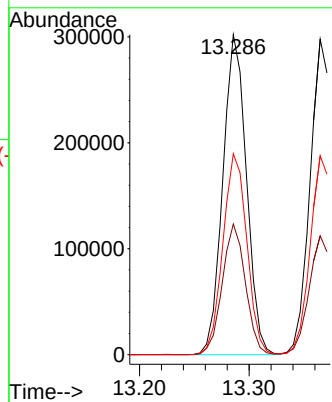
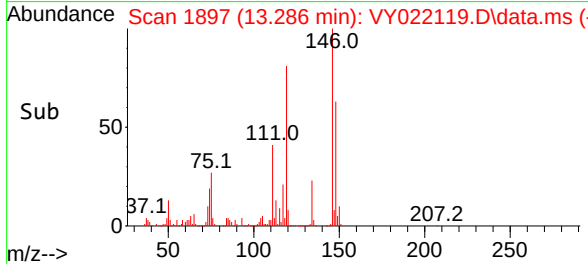
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



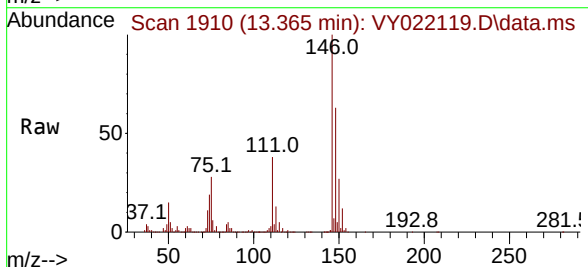
Tgt Ion:146 Resp: 452469
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.5
148 63.7 32.0 96.2

Manual Integrations
APPROVED

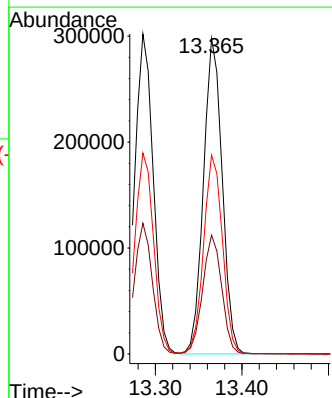
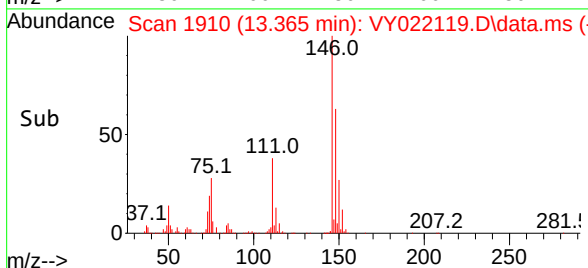
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

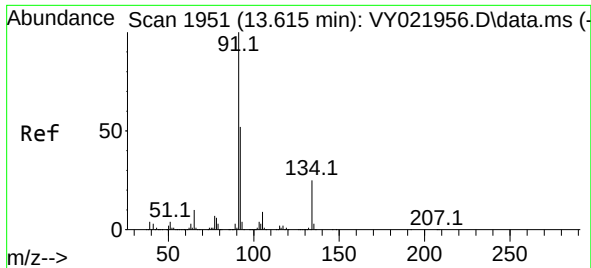


#88
1,4-Dichlorobenzene
Concen: 50.034 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



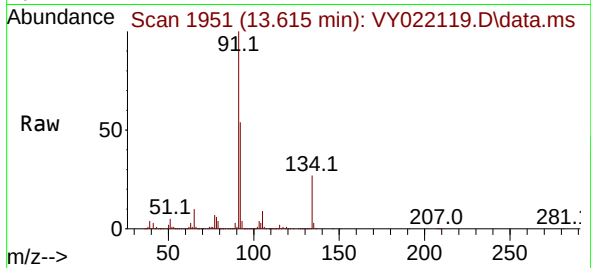
Tgt Ion:146 Resp: 447467
Ion Ratio Lower Upper
146 100
111 38.2 19.2 57.6
148 63.4 32.0 96.0





#89
n-Butylbenzene
Concen: 52.717 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

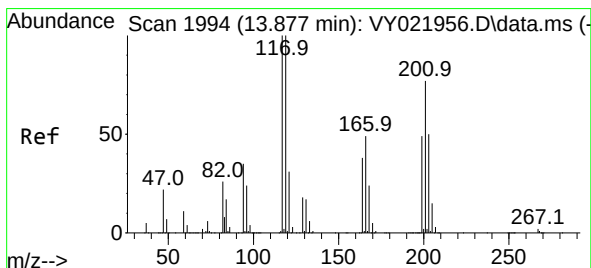
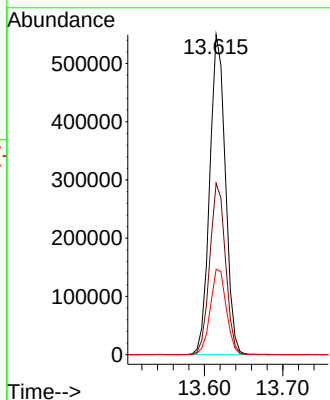
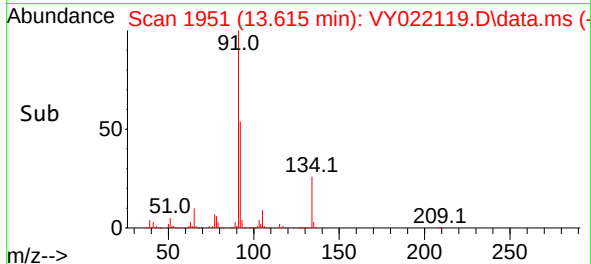
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 761262
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.5
134 27.3 13.4 40.1

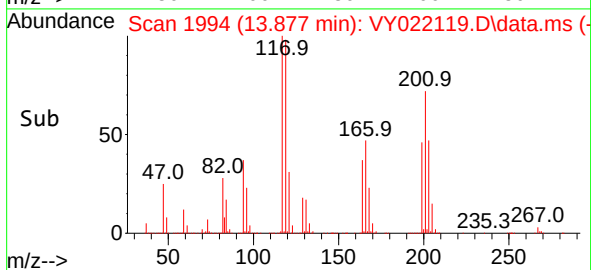
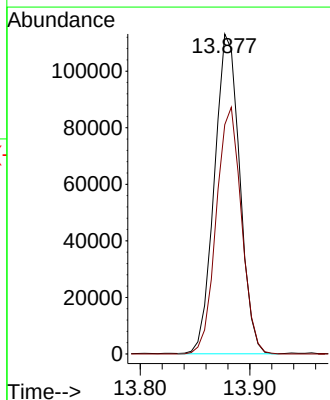
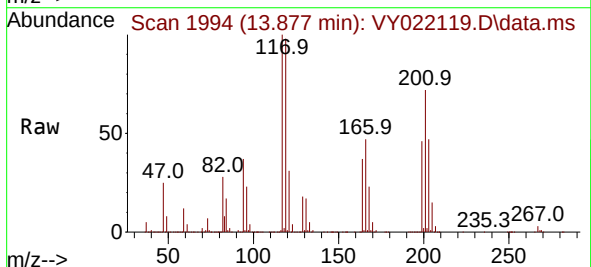
Manual Integrations
APPROVED

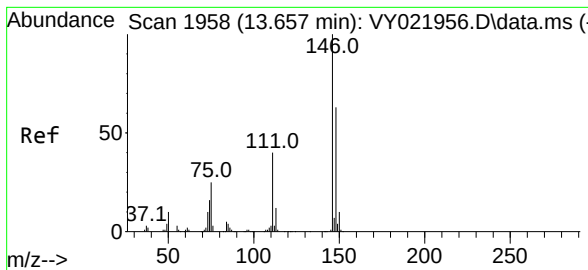
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#90
Hexachloroethane
Concen: 51.142 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

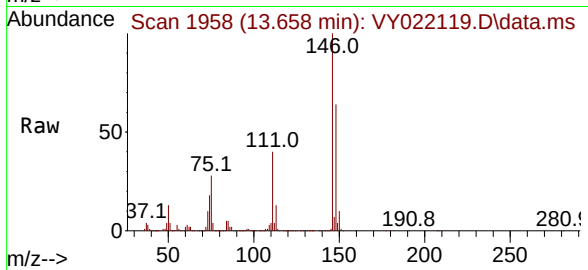
Tgt Ion:117 Resp: 181534
Ion Ratio Lower Upper
117 100
201 76.7 38.7 116.1





#91
1,2-Dichlorobenzene
Concen: 51.260 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56

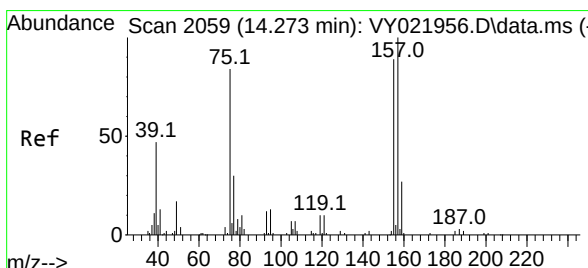
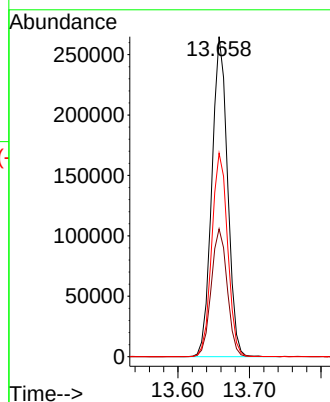
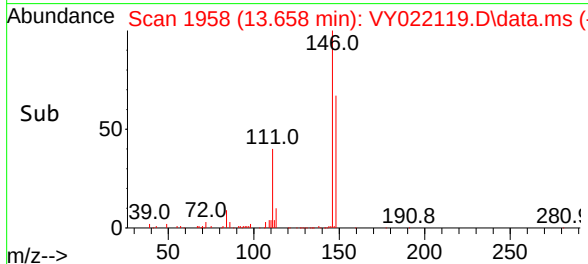
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



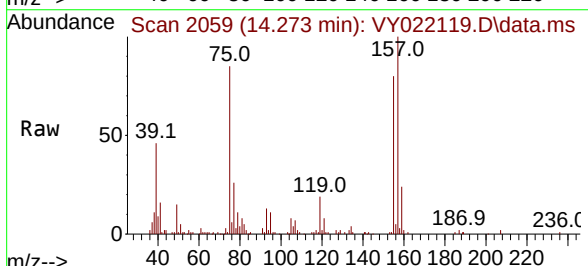
Tgt Ion:146 Resp: 40372
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.1
148 64.2 32.1 96.3

Manual Integrations
APPROVED

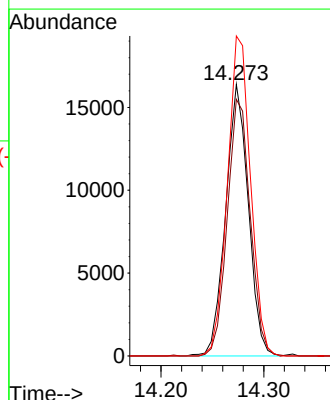
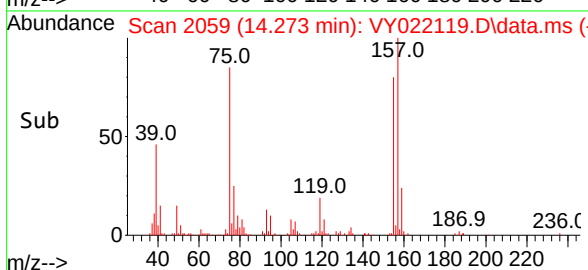
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

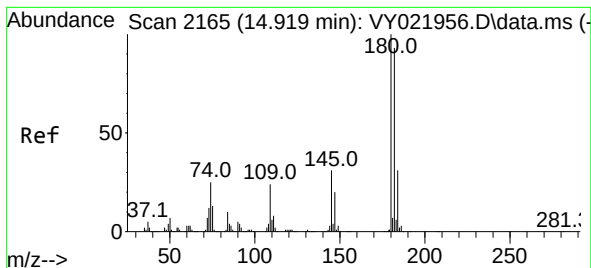


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.143 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022119.D
Acq: 02 May 2025 10:56



Tgt Ion: 75 Resp: 25081
Ion Ratio Lower Upper
75 100
155 95.9 50.7 152.3
157 120.6 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 53.330 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

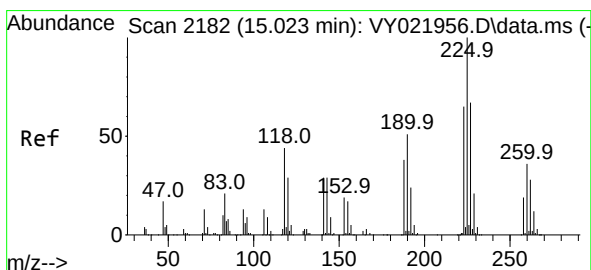
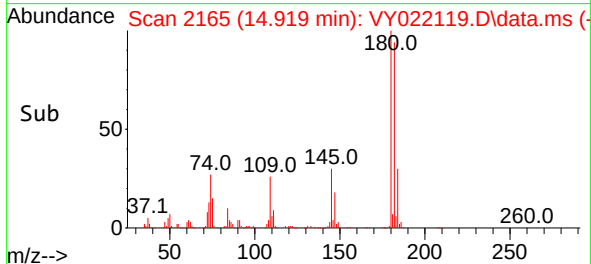
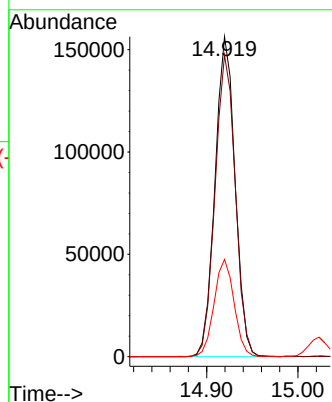
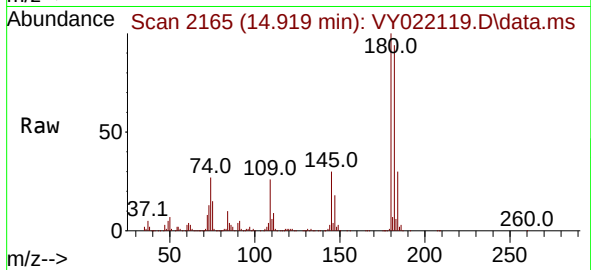
Tgt Ion:180 Resp: 238010

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.4
145	30.5	15.0	45.0

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 51.171 ug/l

RT: 15.023 min Scan# 2182

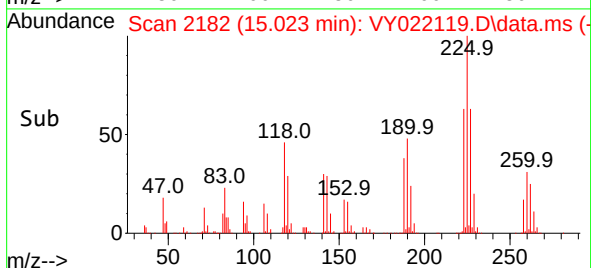
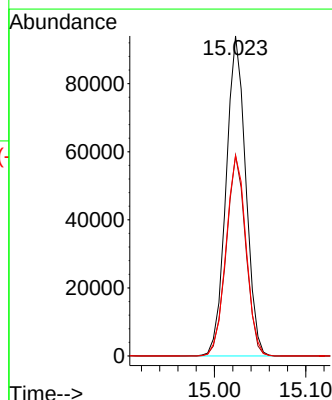
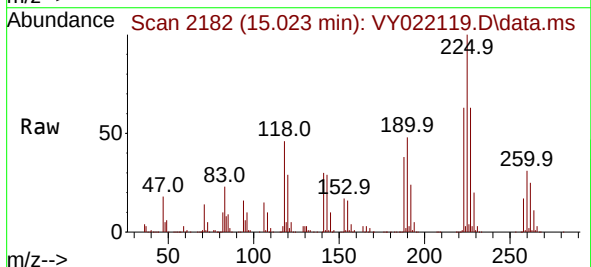
Delta R.T. 0.000 min

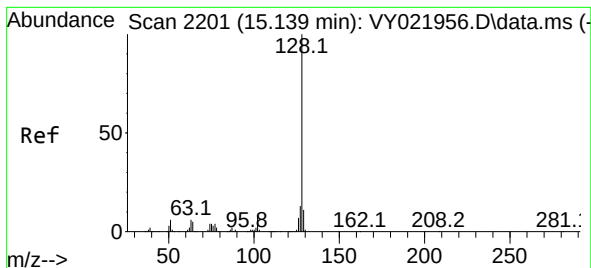
Lab File: VY022119.D

Acq: 02 May 2025 10:56

Tgt Ion:225 Resp: 140513

Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.5
227	63.9	32.3	96.9





#95

Naphthalene

Concen: 57.585 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

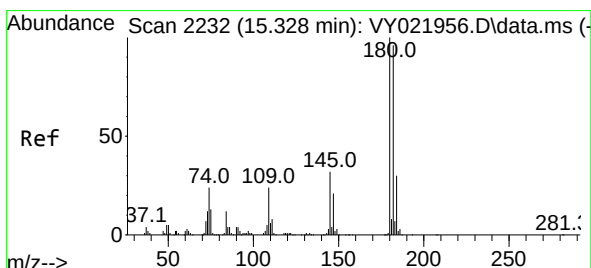
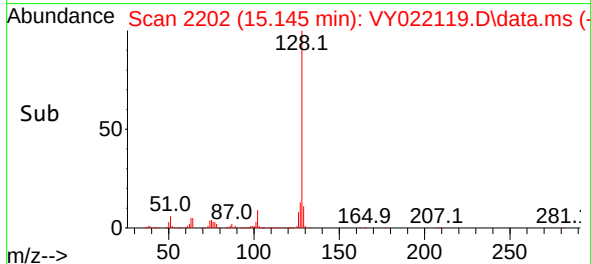
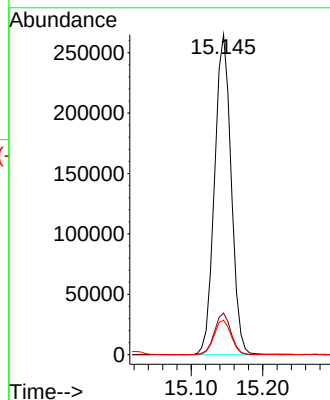
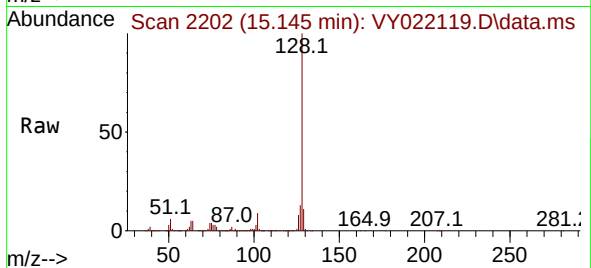
VSTDCCC050

Tgt Ion:128	Resp: 426928
Ion Ratio	Lower Upper
128 100	
127 12.9	10.6 16.0
129 11.1	8.9 13.3

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 54.065 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022119.D

Acq: 02 May 2025 10:56

Tgt Ion:180	Resp: 208289
Ion Ratio	Lower Upper
180 100	
182 93.1	48.1 144.4
145 32.3	16.0 48.0

