

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061025\
 Data File : VY022638.D
 Acq On : 10 Jun 2025 09:46
 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 : John Carlone 06/10/2025
 Supervised By : Semsettin Yesilyurt 06/11/2025

Quant Time: Jun 11 01:45:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	156937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	225714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	106365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	94302	53.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.460%	
35) Dibromofluoromethane	7.640	113	86194	54.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.109	98	344471	54.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.408	95	102229	53.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.760%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	61760	43.956	ug/l 95
3) Chloromethane	2.068	50	209542	50.481	ug/l 99
4) Vinyl Chloride	2.202	62	254149	52.779	ug/l 100
5) Bromomethane	2.598	94	198064	42.914	ug/l 98
6) Chloroethane	2.739	64	169109	51.165	ug/l 96
7) Trichlorofluoromethane	3.056	101	203786	49.851	ug/l 99
8) Diethyl Ether	3.464	74	44229	48.043	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.818	101	83421	48.452	ug/l 99
10) Methyl Iodide	4.007	142	87809	47.128	ug/l 98
11) Tert butyl alcohol	4.879	59	27520	219.517	ug/l 97
12) 1,1-Dichloroethene	3.793	96	79244	48.151	ug/l 97
13) Acrolein	3.665	56	19223	123.037	ug/l 98
14) Allyl chloride	4.391	41	121675	47.095	ug/l 99
15) Acrylonitrile	5.068	53	93383	239.510	ug/l 99
16) Acetone	3.879	43	76468	214.517	ug/l 98
17) Carbon Disulfide	4.110	76	244568	46.417	ug/l 97
18) Methyl Acetate	4.385	43	51038	48.350	ug/l 96
19) Methyl tert-butyl Ether	5.122	73	219222	47.293	ug/l 100
20) Methylene Chloride	4.616	84	94882	46.859	ug/l 96
21) trans-1,2-Dichloroethene	5.116	96	90887	49.344	ug/l 98
22) Diisopropyl ether	6.025	45	280851	48.837	ug/l 97
23) Vinyl Acetate	5.964	43	804216	236.272	ug/l 100
24) 1,1-Dichloroethane	5.921	63	170497	50.325	ug/l 98
25) 2-Butanone	6.903	43	118552	230.564	ug/l 96
26) 2,2-Dichloropropane	6.890	77	146347	48.890	ug/l 100
27) cis-1,2-Dichloroethene	6.896	96	106950	50.236	ug/l 98
28) Bromochloromethane	7.250	49	75081	50.840	ug/l 99
29) Tetrahydrofuran	7.268	42	76591	230.952	ug/l 99
30) Chloroform	7.427	83	173124	51.591	ug/l 91
31) Cyclohexane	7.707	56	146344	43.389	ug/l 98
32) 1,1,1-Trichloroethane	7.622	97	149907	50.323	ug/l 99
36) 1,1-Dichloropropene	7.841	75	127010	49.654	ug/l 99
37) Ethyl Acetate	6.988	43	54224	47.536	ug/l 99
38) Carbon Tetrachloride	7.823	117	131106	49.963	ug/l 96
39) Methylcyclohexane	9.116	83	162316	47.220	ug/l 94
40) Benzene	8.085	78	388031	51.361	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	32517m	48.803	ug/l	
42) 1,2-Dichloroethane	8.165	62	103994	50.413	ug/l	99
43) Isopropyl Acetate	8.201	43	116798	47.409	ug/l	99
44) Trichloroethene	8.866	130	92489	50.089	ug/l	97
45) 1,2-Dichloropropane	9.146	63	92040	51.549	ug/l	97
46) Dibromomethane	9.231	93	51301	51.071	ug/l	98
47) Bromodichloromethane	9.427	83	134915	52.969	ug/l	96
48) Methyl methacrylate	9.225	41	54428	47.073	ug/l	97
49) 1,4-Dioxane	9.231	88	10517	883.755	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	298121	242.715	ug/l	98
52) Toluene	10.170	92	243711	51.331	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	118344	49.589	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	141566	50.959	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	65808	51.378	ug/l	98
56) Ethyl methacrylate	10.439	69	89401	48.292	ug/l	99
57) 1,3-Dichloropropane	10.719	76	116244	51.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	229160	272.642	ug/l	99
59) 2-Hexanone	10.762	43	196265	238.922	ug/l	100
60) Dibromochloromethane	10.914	129	82115	50.447	ug/l	99
61) 1,2-Dibromoethane	11.018	107	59927	51.332	ug/l	98
64) Tetrachloroethene	10.646	164	102192	52.632	ug/l	98
65) Chlorobenzene	11.444	112	251105	50.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	84097	49.980	ug/l	99
67) Ethyl Benzene	11.518	91	468984	50.623	ug/l	99
68) m/p-Xylenes	11.627	106	354329	100.892	ug/l	100
69) o-Xylene	11.957	106	167581	50.895	ug/l	97
70) Styrene	11.969	104	277948	51.067	ug/l	99
71) Bromoform	12.133	173	42786	47.785	ug/l #	98
73) Isopropylbenzene	12.255	105	432034	49.474	ug/l	99
74) N-amyl acetate	12.072	43	104724	47.528	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	68774	47.985	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	54641m	44.903	ug/l	
77) Bromobenzene	12.536	156	92002	49.926	ug/l	100
78) n-propylbenzene	12.597	91	532182	49.896	ug/l	99
79) 2-Chlorotoluene	12.682	91	280347	49.593	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	341028	49.743	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	23322	46.284	ug/l	99
82) 4-Chlorotoluene	12.780	91	292896	50.226	ug/l	100
83) tert-Butylbenzene	12.999	119	307856	50.032	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	341482	49.801	ug/l	99
85) sec-Butylbenzene	13.176	105	469437	49.813	ug/l	100
86) p-Isopropyltoluene	13.292	119	382970	49.302	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	187358	50.181	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	183407	50.647	ug/l	99
89) n-Butylbenzene	13.615	91	375235	50.915	ug/l	99
90) Hexachloroethane	13.883	117	75927	50.207	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	158543	50.014	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10737	51.454	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	86385	49.965	ug/l	99
94) Hexachlorobutadiene	15.023	225	47839	50.133	ug/l	98
95) Naphthalene	15.145	128	159650	48.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	72438	48.889	ug/l	98

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

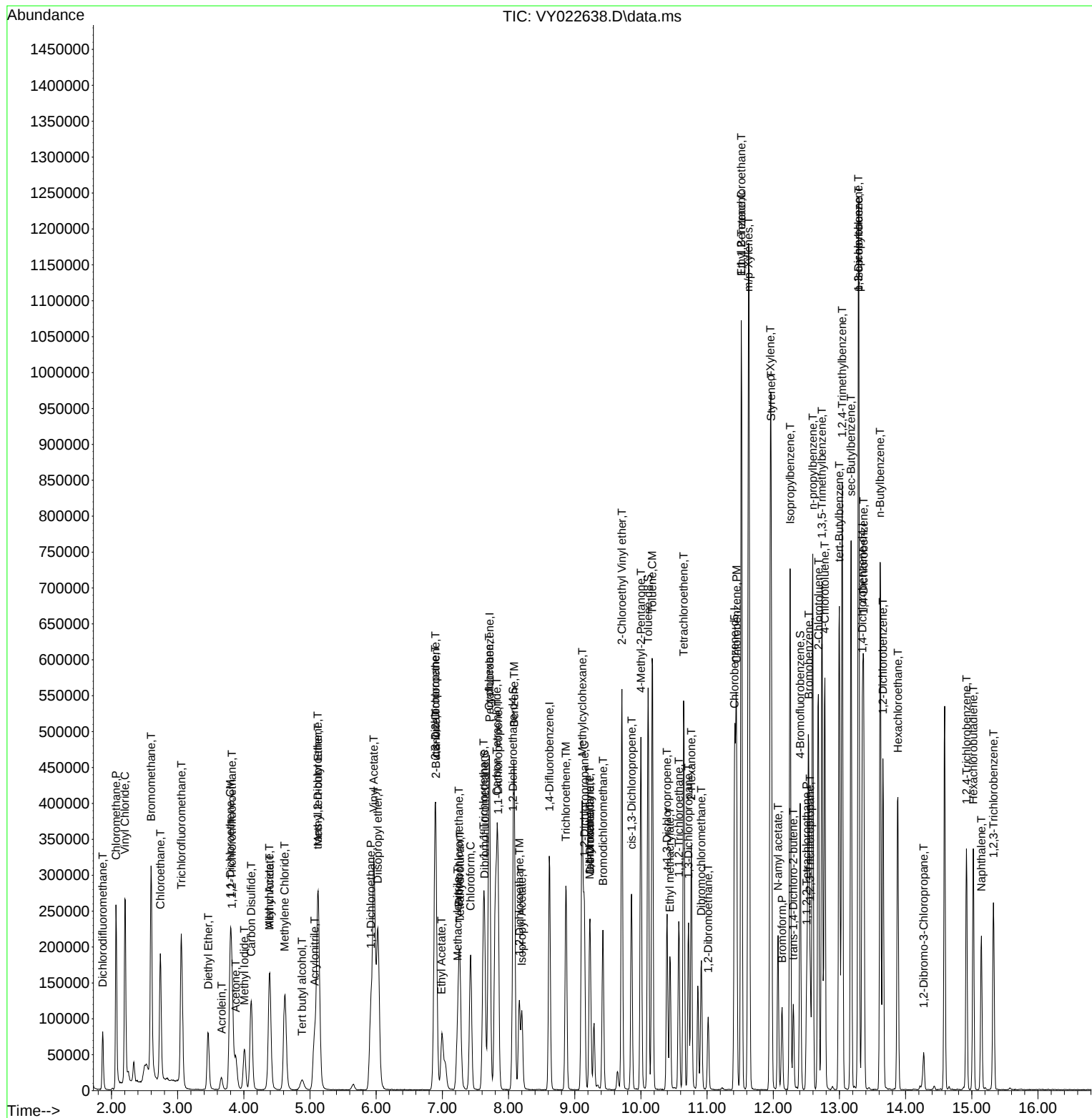
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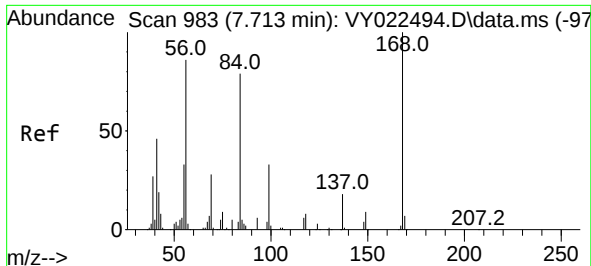
Instrument :
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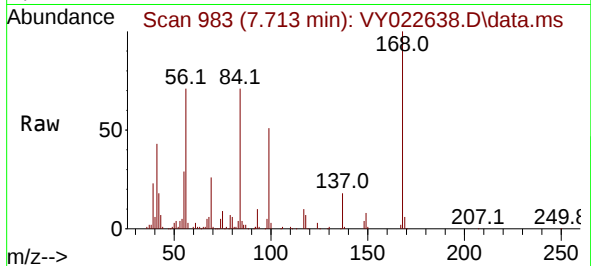
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

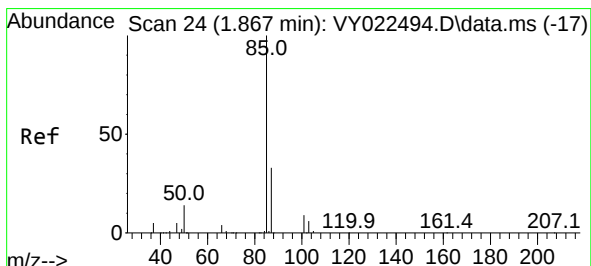
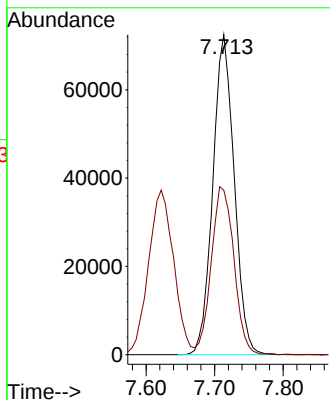
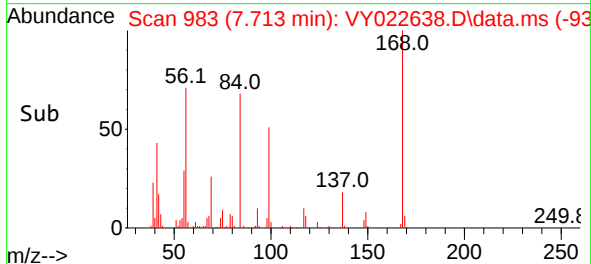
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 15693
Ion Ratio Lower Upper
168 100
99 51.4 44.3 66.5

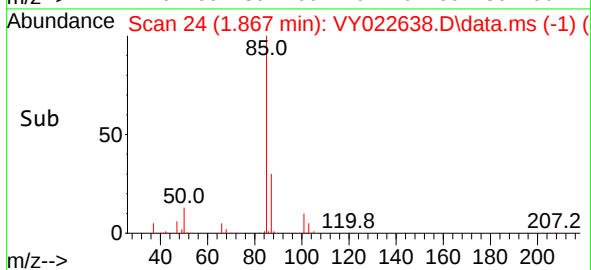
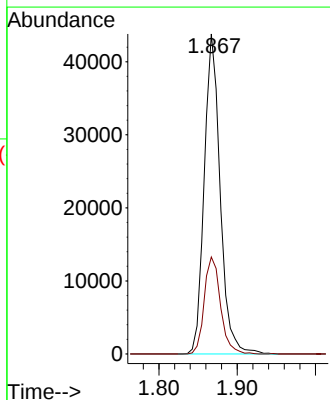
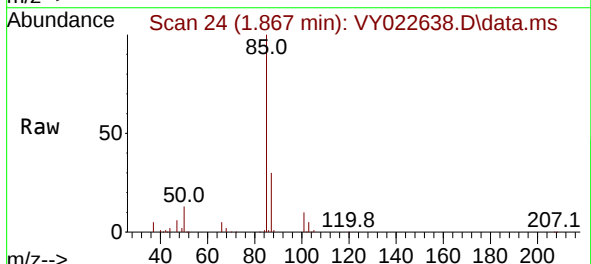
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#2
Dichlorodifluoromethane
Concen: 43.956 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

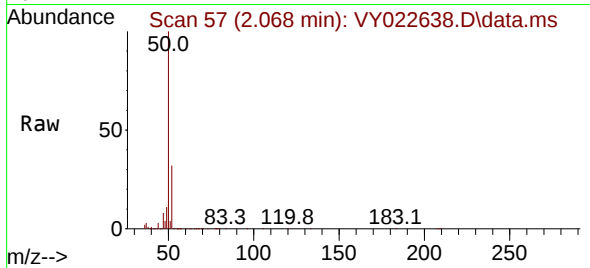
Tgt Ion: 85 Resp: 61760
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.0





#3
Chloromethane
Concen: 50.481 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

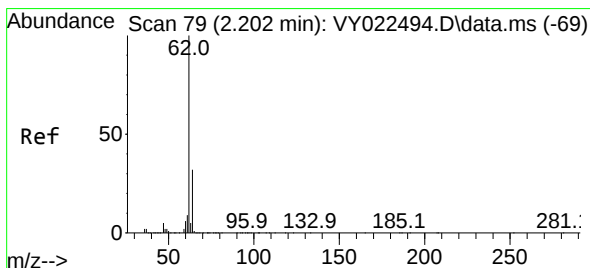
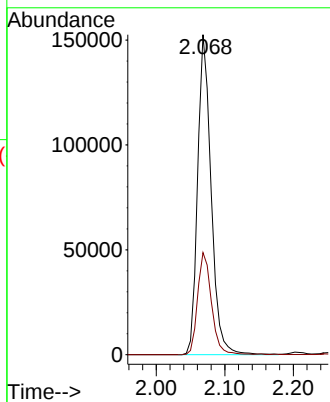
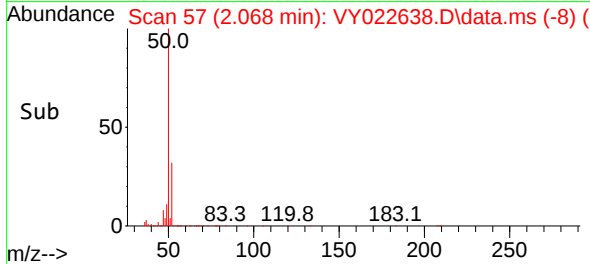
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MSVOA_Y
ClientSampleId :
VSTDCCC050



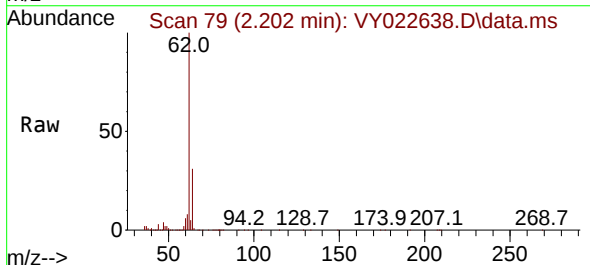
Tgt Ion: 50 Resp: 20954
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0

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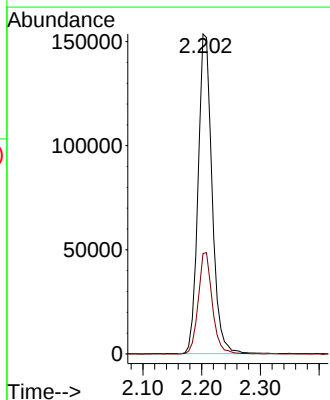
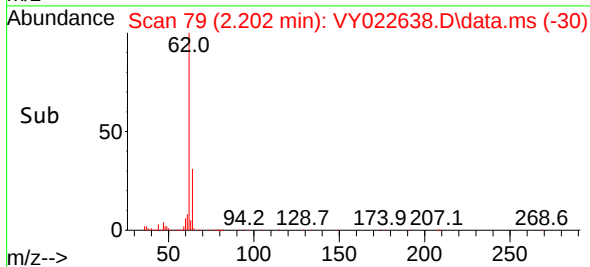
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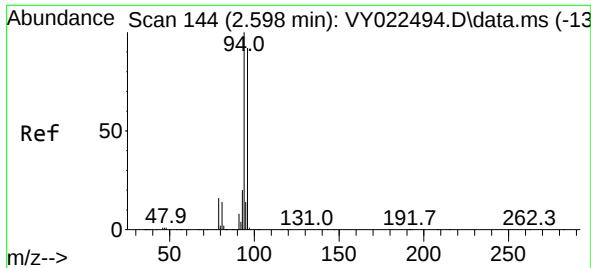


#4
Vinyl Chloride
Concen: 52.779 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



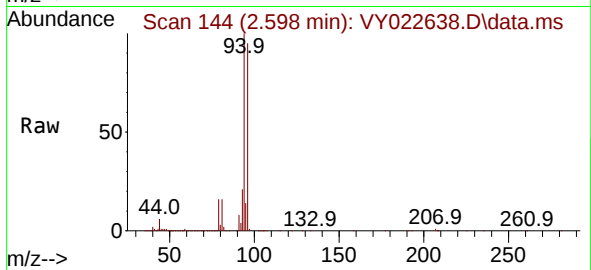
Tgt Ion: 62 Resp: 254149
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9





#5
Bromomethane
Concen: 42.914 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

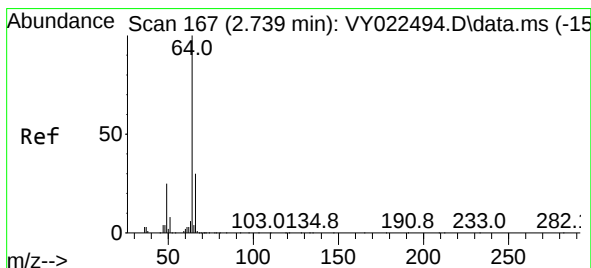
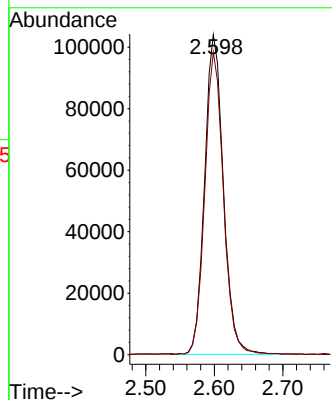
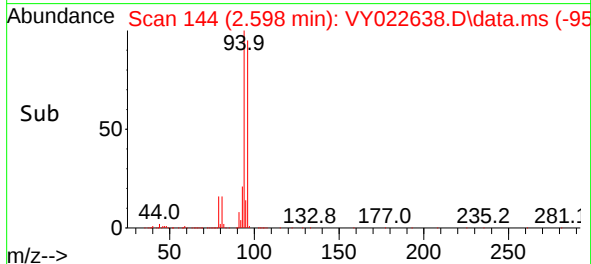
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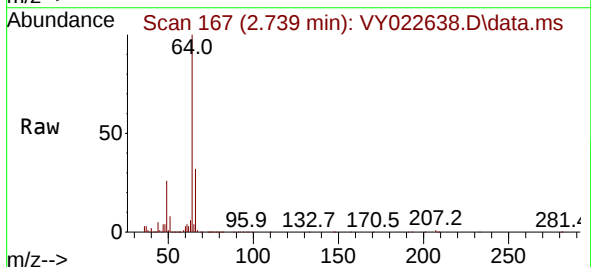
Tgt Ion: 94 Resp: 198064
Ion Ratio Lower Upper
94 100
96 94.4 74.0 111.0

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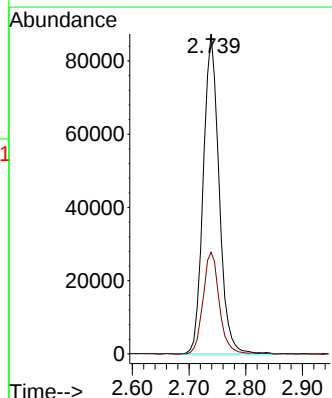
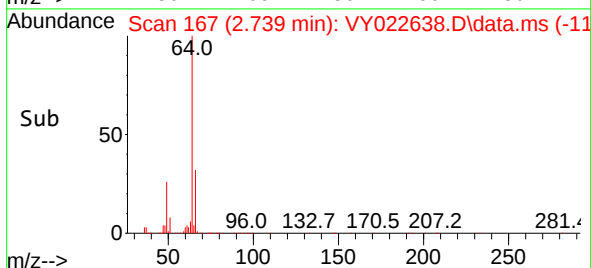
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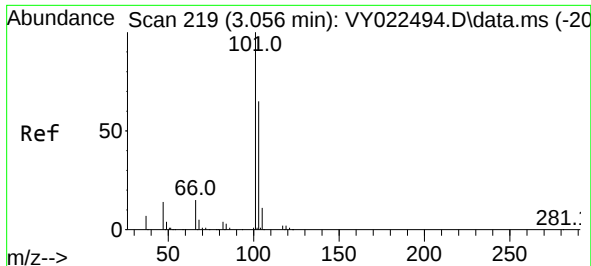


#6
Chloroethane
Concen: 51.165 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022638.D
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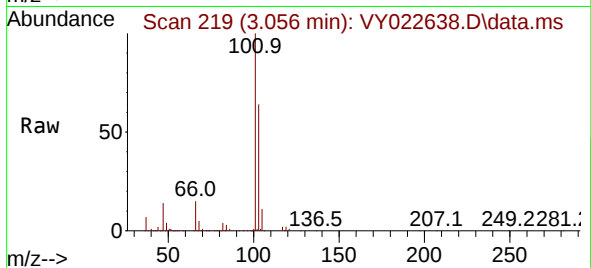
Tgt Ion: 64 Resp: 169109
Ion Ratio Lower Upper
64 100
66 31.7 23.8 35.6





#7
Trichlorofluoromethane
Concen: 49.851 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

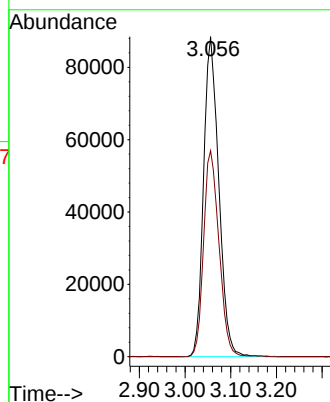
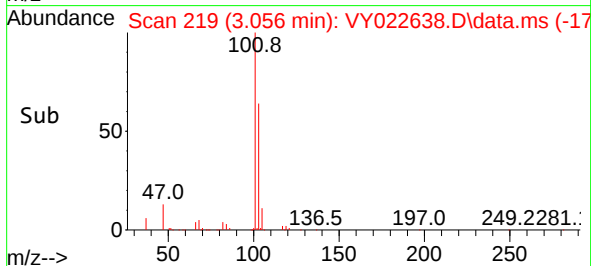
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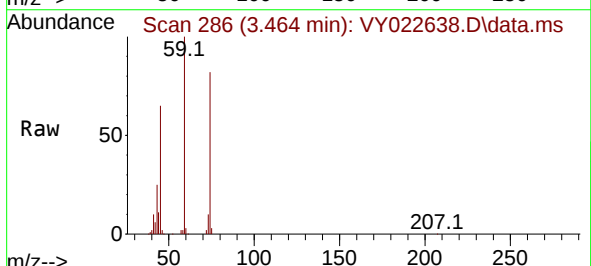
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Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

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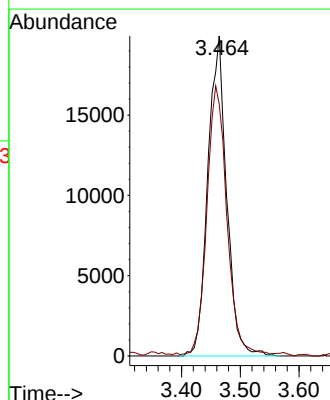
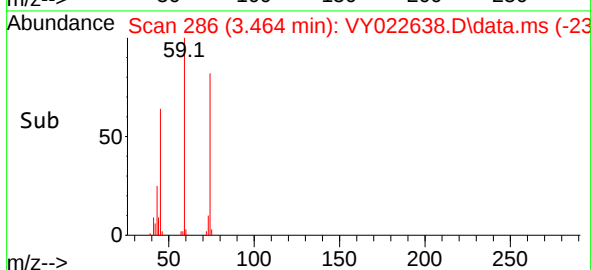
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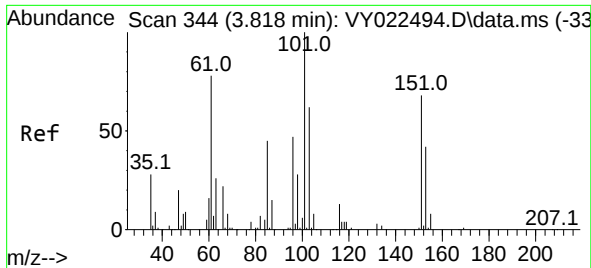


#8
Diethyl Ether
Concen: 48.043 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



Tgt Ion: 74 Resp: 44229
Ion Ratio Lower Upper
74 100
45 88.7 45.9 137.6





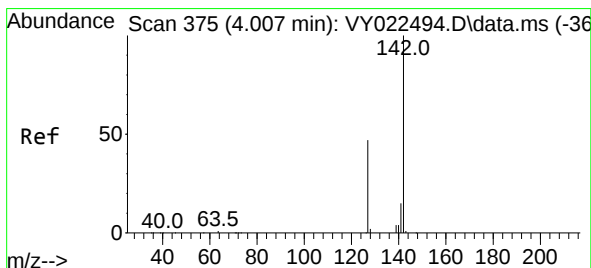
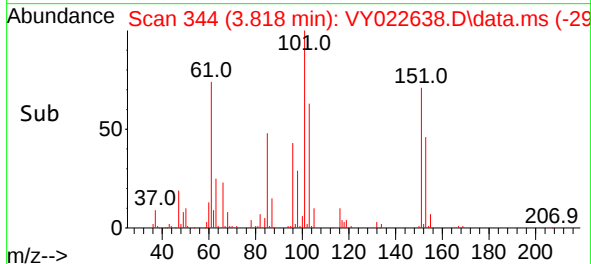
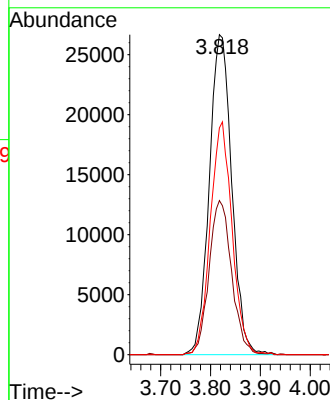
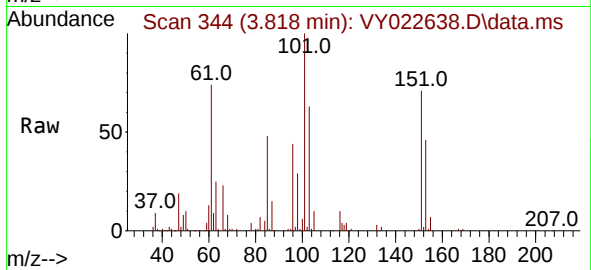
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.452 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8342
Ion Ratio Lower Upper
101 100
85 48.5 39.3 58.9
151 70.8 57.8 86.8

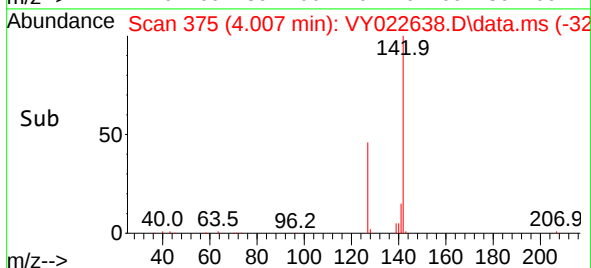
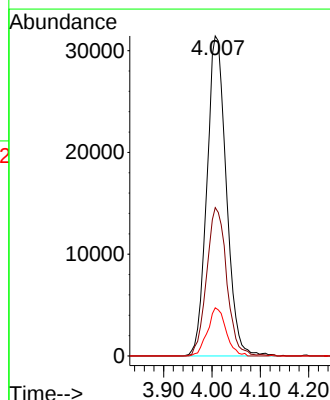
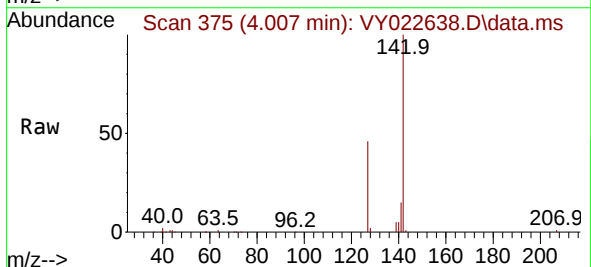
Manual Integrations
APPROVED

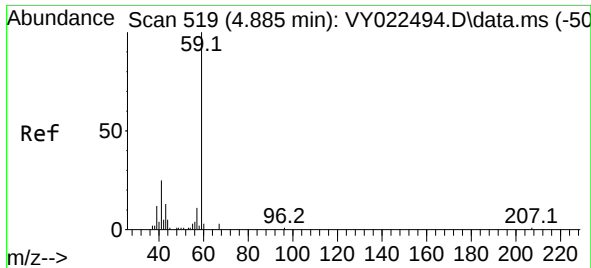
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#10
Methyl Iodide
Concen: 47.128 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

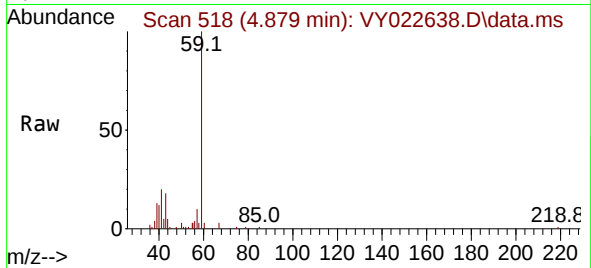
Tgt Ion:142 Resp: 87809
Ion Ratio Lower Upper
142 100
127 47.8 37.1 55.7
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 219.517 ug/l
RT: 4.879 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

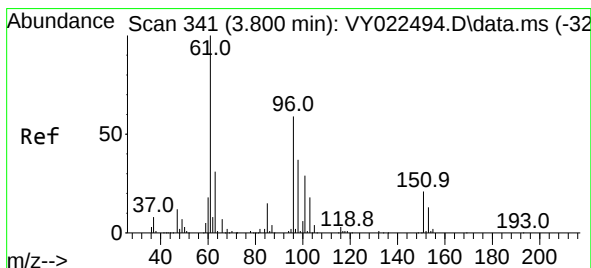
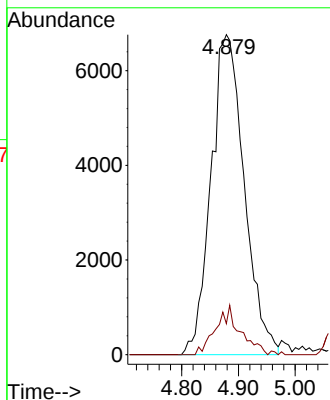
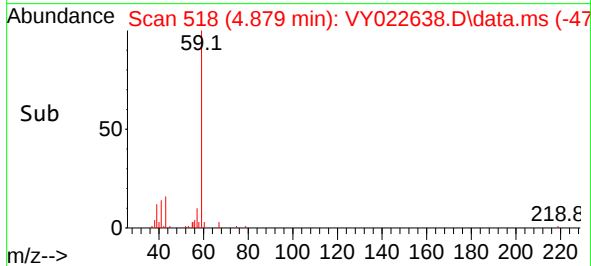
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



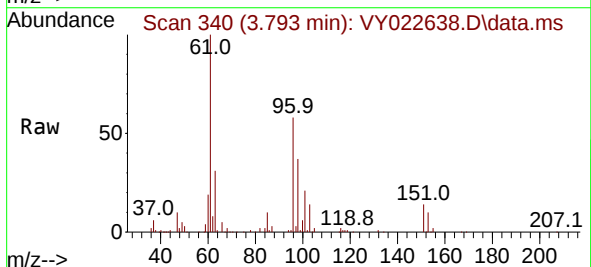
Tgt Ion: 59 Resp: 27520
Ion Ratio Lower Upper
59 100
57 11.2 8.0 12.0

Manual Integrations
APPROVED

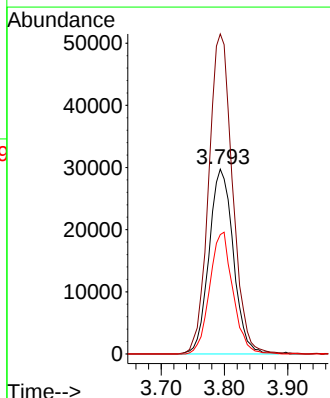
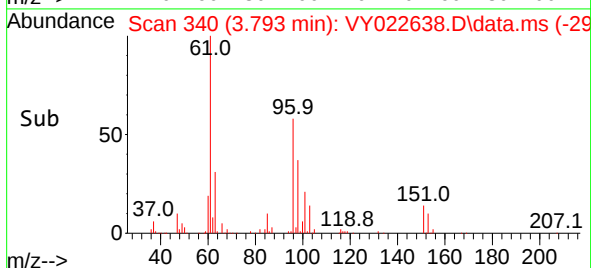
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

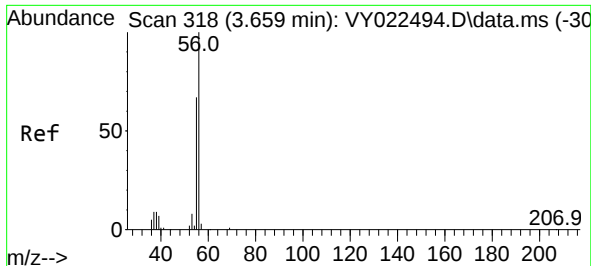


#12
1,1-Dichloroethene
Concen: 48.151 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



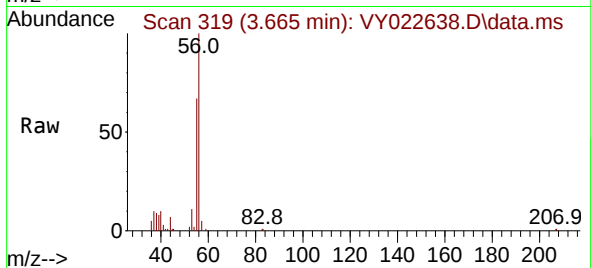
Tgt Ion: 96 Resp: 79244
Ion Ratio Lower Upper
96 100
61 173.1 134.6 201.8
98 64.6 50.2 75.4





#13
Acrolein
Concen: 123.037 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

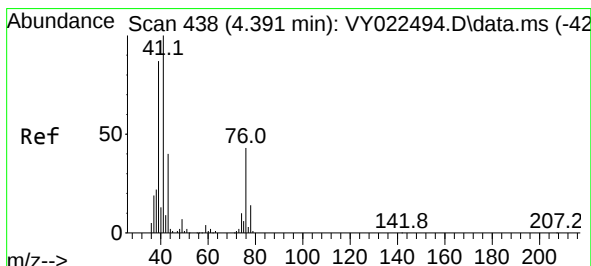
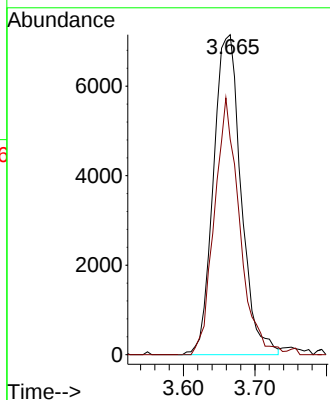
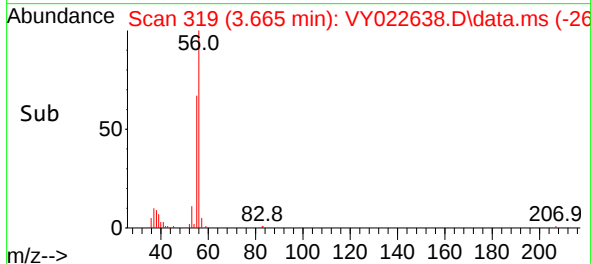
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 1922
Ion Ratio Lower Upper
56 100
55 73.2 57.0 85.6

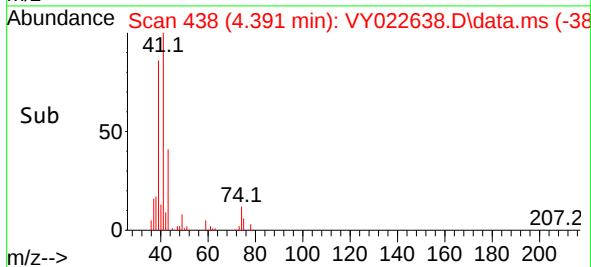
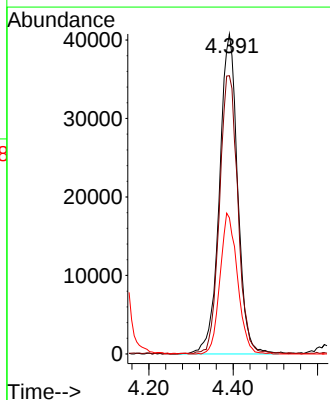
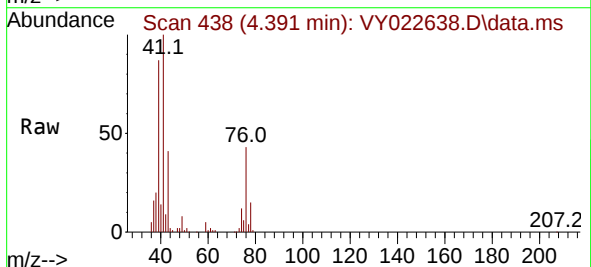
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#14
Allyl chloride
Concen: 47.095 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

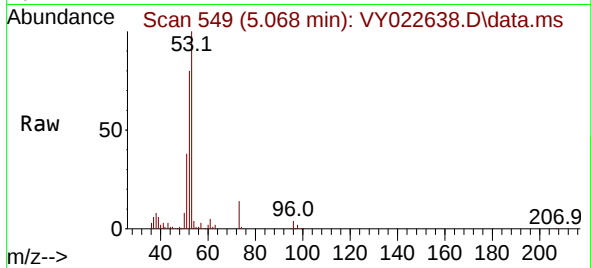
Tgt Ion: 41 Resp: 121675
Ion Ratio Lower Upper
41 100
39 88.1 69.1 103.7
76 42.1 33.5 50.3





#15
Acrylonitrile
Concen: 239.510 ug/l
RT: 5.068 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

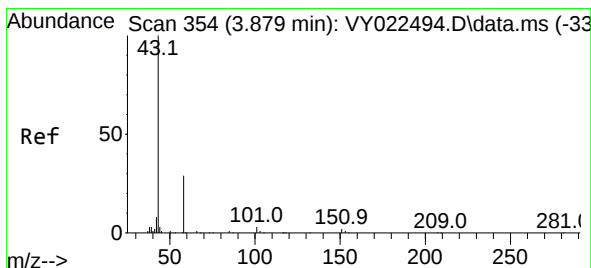
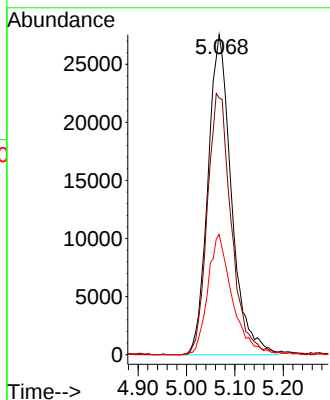
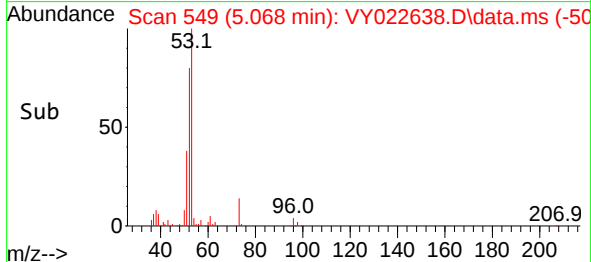
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



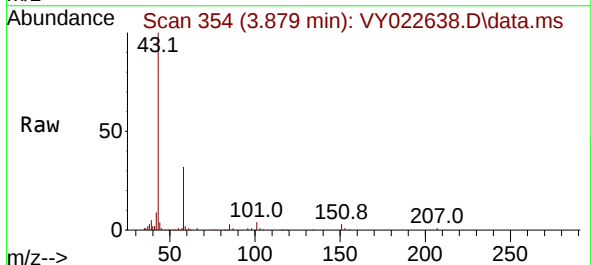
Tgt Ion: 53 Resp: 9338
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 39.0 30.1 45.1

Manual Integrations
APPROVED

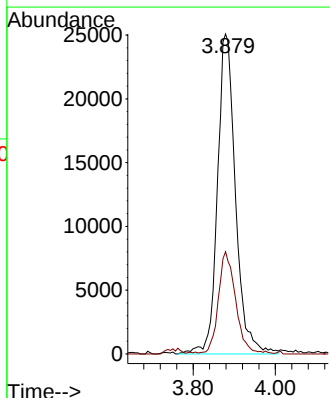
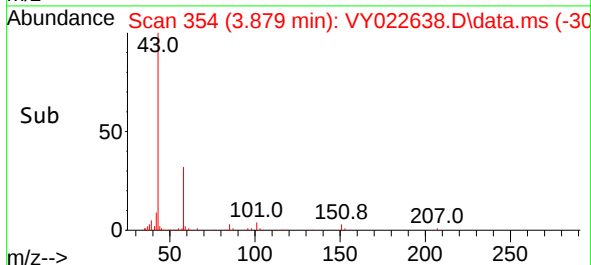
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

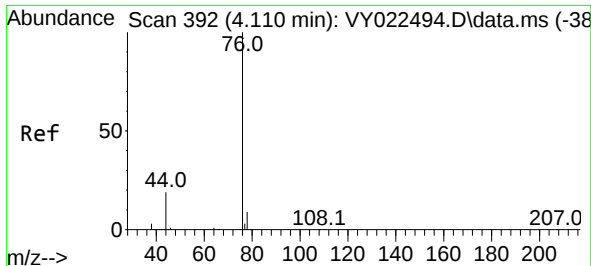


#16
Acetone
Concen: 214.517 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



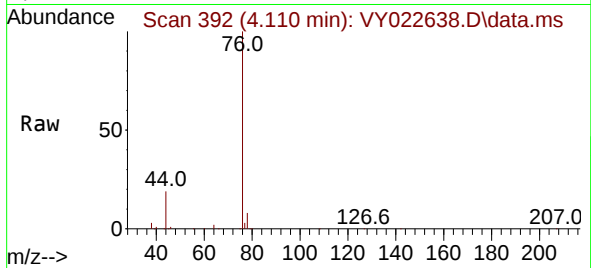
Tgt Ion: 43 Resp: 76468
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0





#17
Carbon Disulfide
Concen: 46.417 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

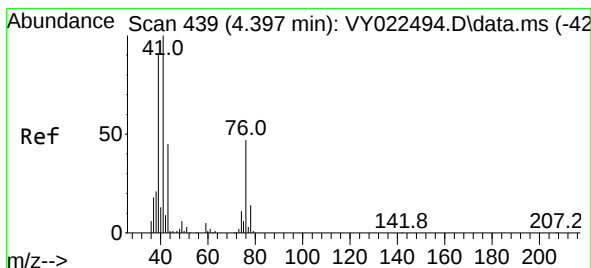
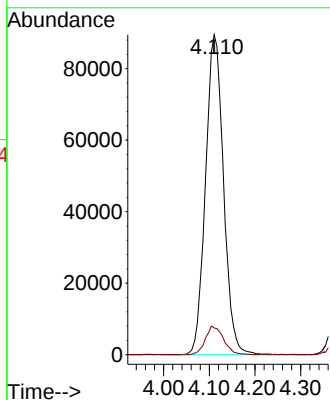
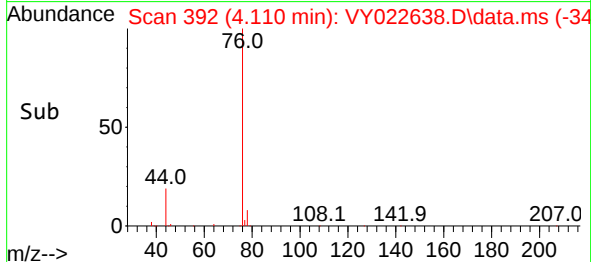
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



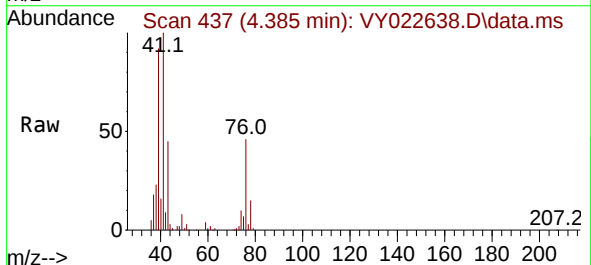
Tgt Ion: 76 Resp: 24456
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

Manual Integrations
APPROVED

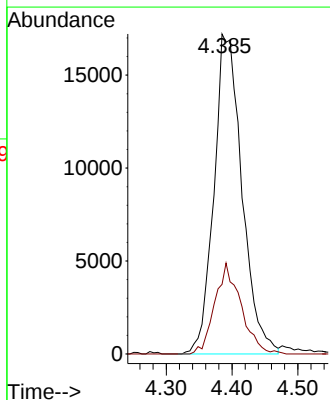
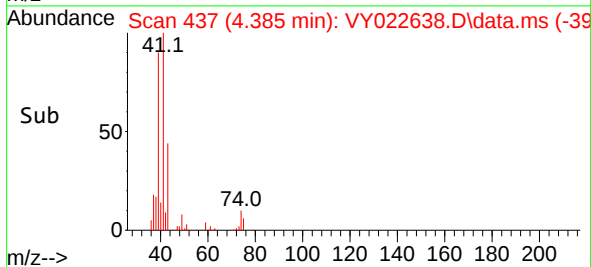
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

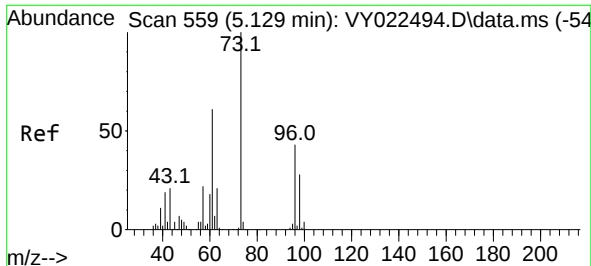


#18
Methyl Acetate
Concen: 48.350 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



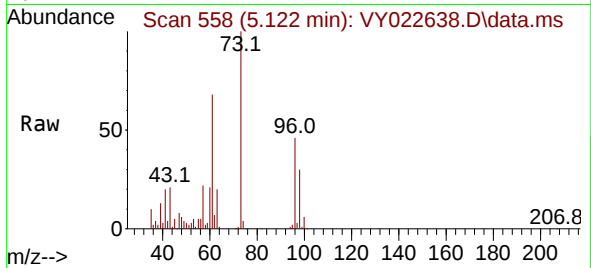
Tgt Ion: 43 Resp: 51038
Ion Ratio Lower Upper
43 100
74 26.5 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 47.293 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

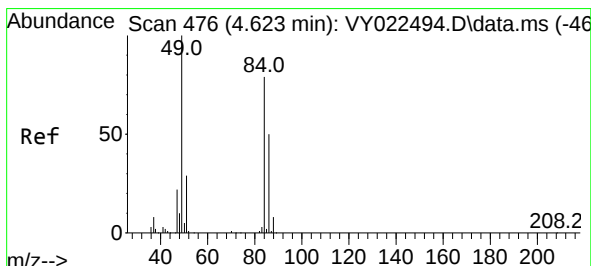
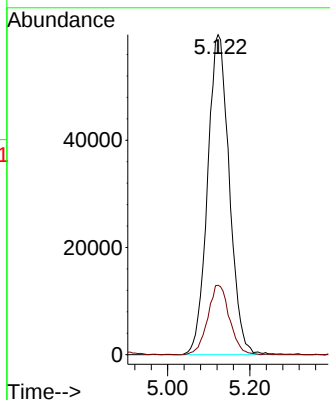
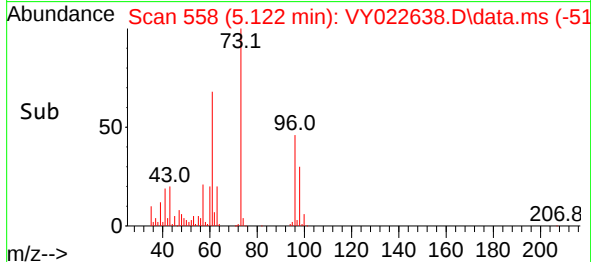
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 21922
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

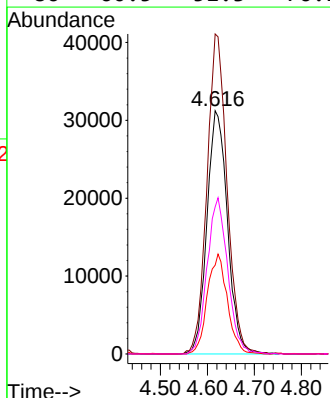
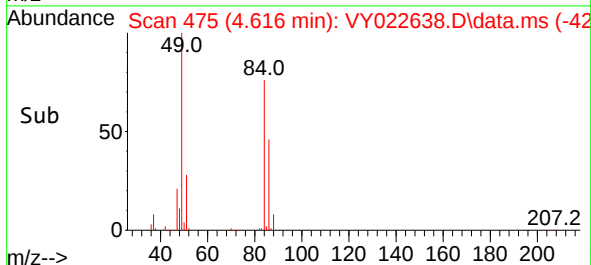
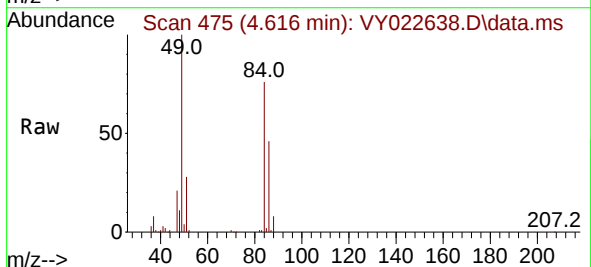
Manual Integrations
APPROVED

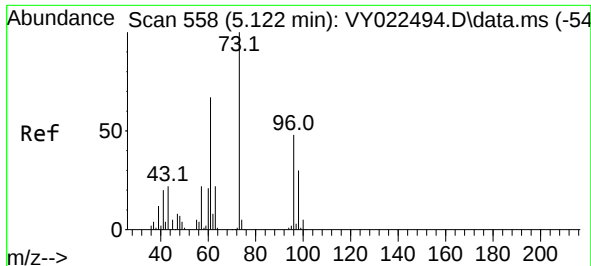
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#20
Methylene Chloride
Concen: 46.859 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

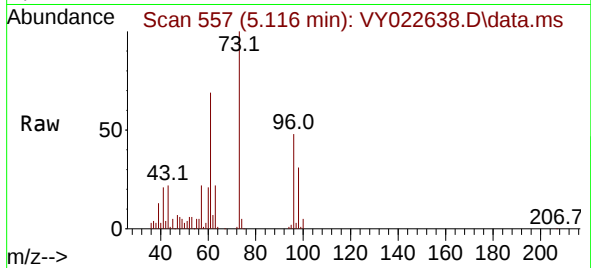
Tgt Ion: 84 Resp: 94882
Ion Ratio Lower Upper
84 100
49 131.5 101.9 152.9
51 36.5 29.8 44.8
86 60.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 49.344 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

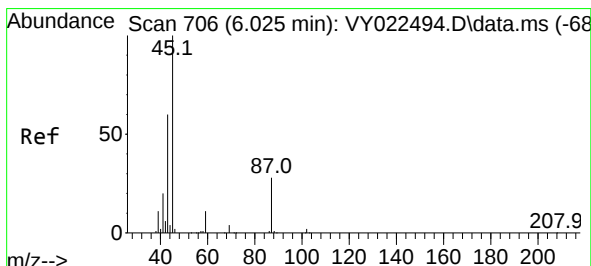
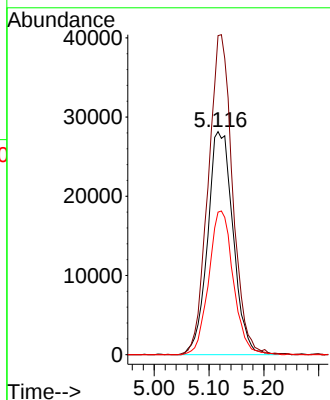
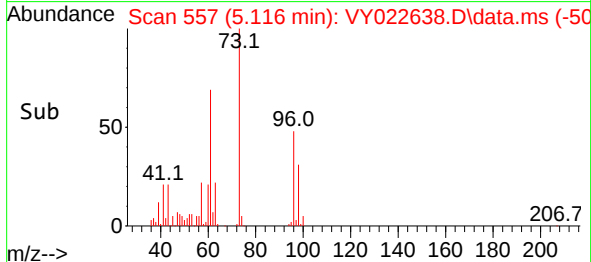
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



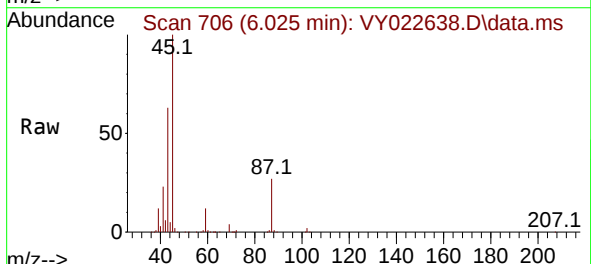
Tgt Ion: 96 Resp: 9088
Ion Ratio Lower Upper
96 100
61 143.1 112.6 169.0
98 63.9 50.6 75.8

Manual Integrations
APPROVED

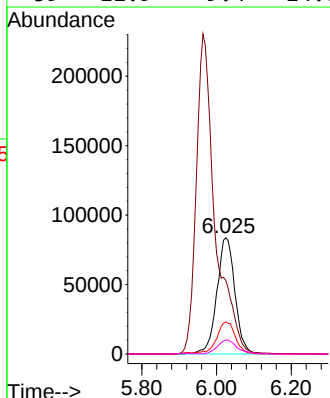
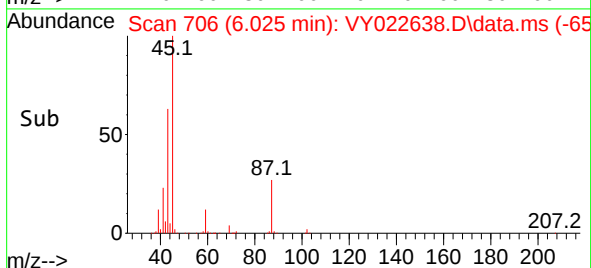
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#22
Diisopropyl ether
Concen: 48.837 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



Tgt Ion: 45 Resp: 280851
Ion Ratio Lower Upper
45 100
43 63.3 48.3 72.5
87 27.5 23.0 34.6
59 11.9 9.4 14.0





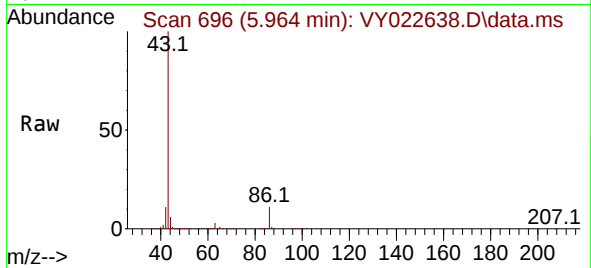
#23
 Vinyl Acetate
 Concen: 236.272 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022638.D
 Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

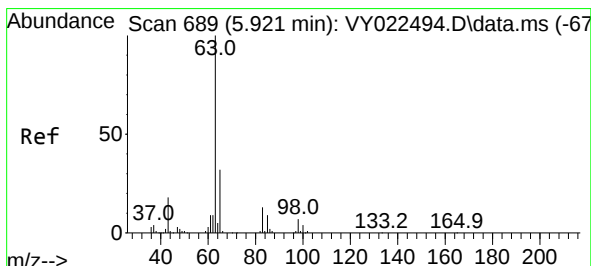
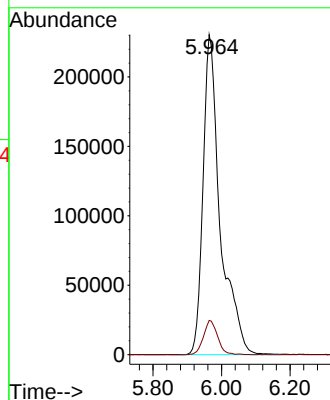
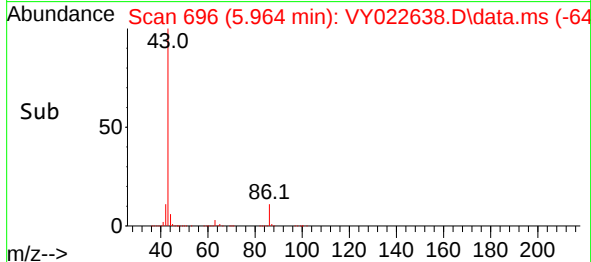


Tgt Ion: 43 Resp: 804210
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

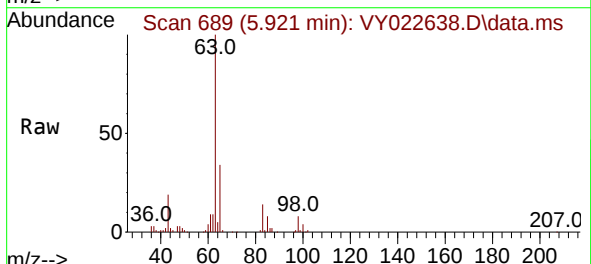
Manual Integrations

APPROVED

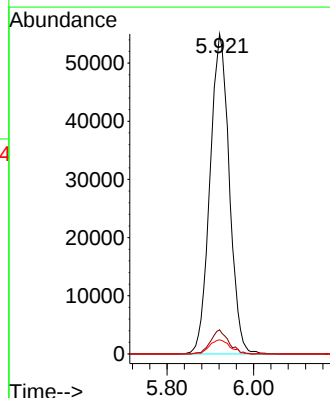
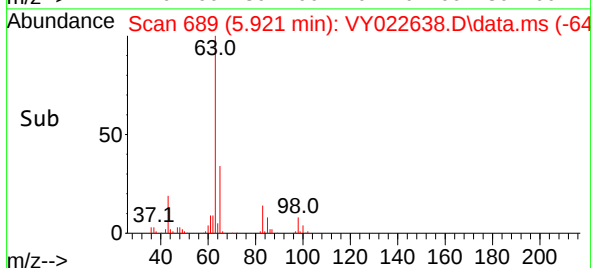
Reviewed By :John Carlone 06/10/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025



#24
 1,1-Dichloroethane
 Concen: 50.325 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022638.D
 Acq: 10 Jun 2025 09:46



Tgt Ion: 63 Resp: 170497
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.1
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 230.564 ug/l

RT: 6.903 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11855

Ion Ratio Lower Upper

43 100

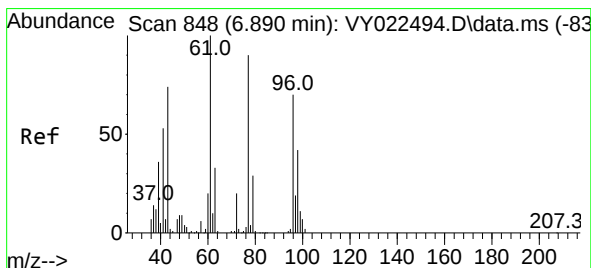
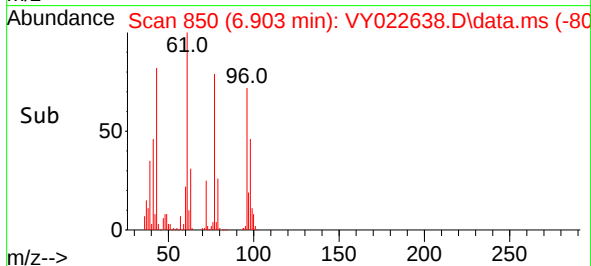
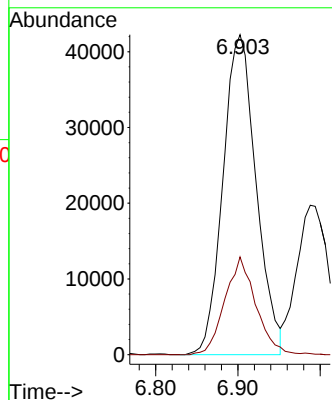
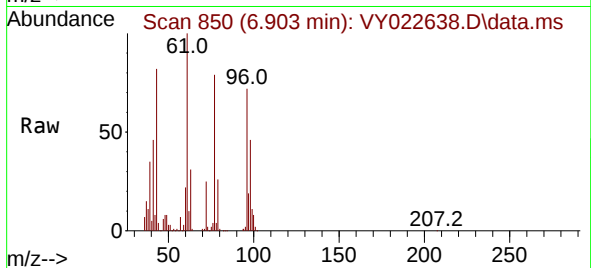
72 30.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#26

2,2-Dichloropropane

Concen: 48.890 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022638.D

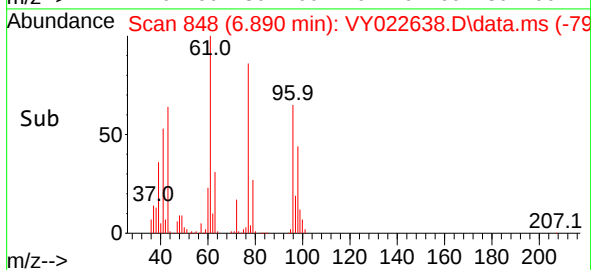
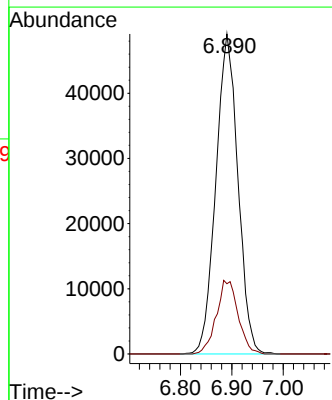
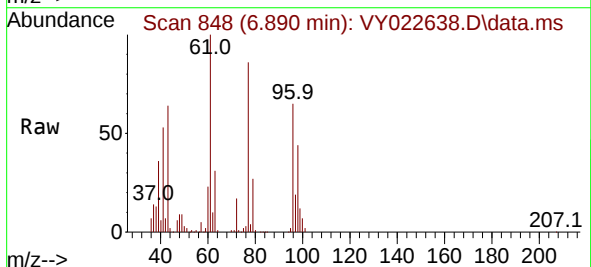
Acq: 10 Jun 2025 09:46

Tgt Ion: 77 Resp: 146347

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.236 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022638.D

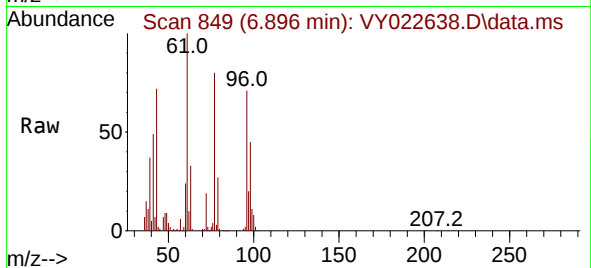
Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



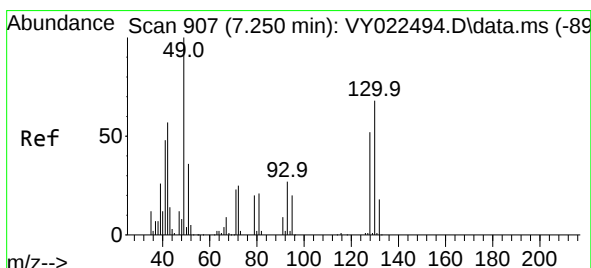
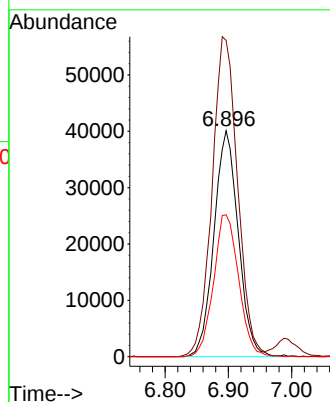
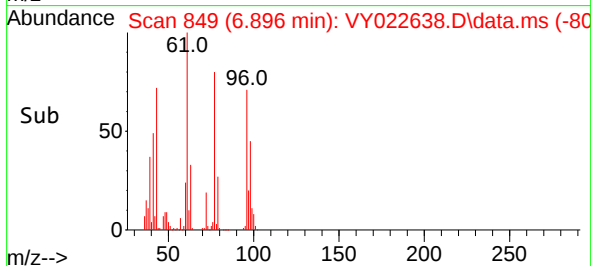
Tgt Ion: 96	Resp: 106950
Ion Ratio	Lower Upper
96	100
61	148.3 0.0 290.0
98	64.9 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#28

Bromochloromethane

Concen: 50.840 ug/l

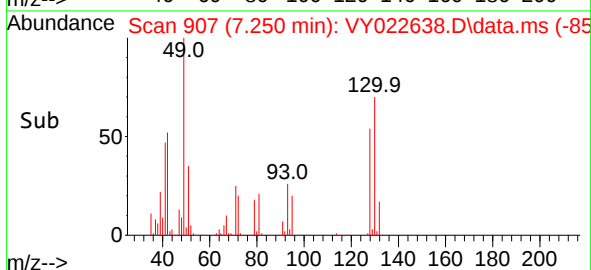
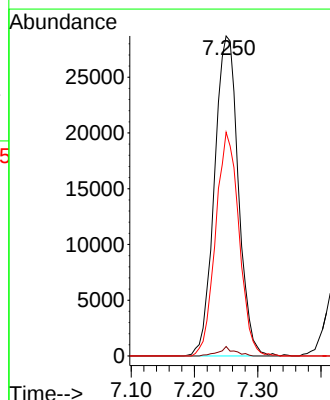
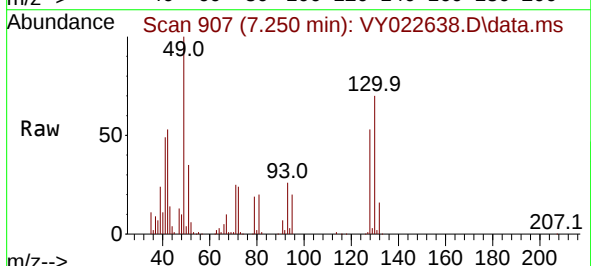
RT: 7.250 min Scan# 907

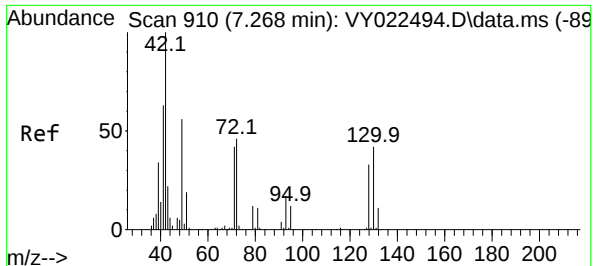
Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Tgt Ion: 49	Resp: 75081
Ion Ratio	Lower Upper
49	100
129	1.9 0.0 3.6
130	68.6 55.7 83.5





#29

Tetrahydrofuran

Concen: 230.952 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

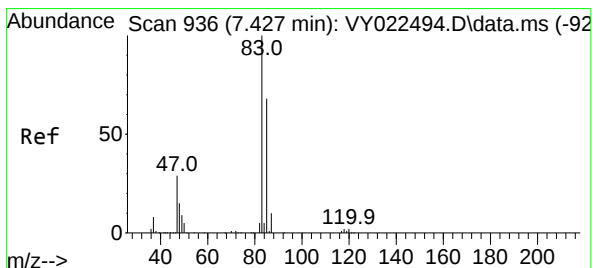
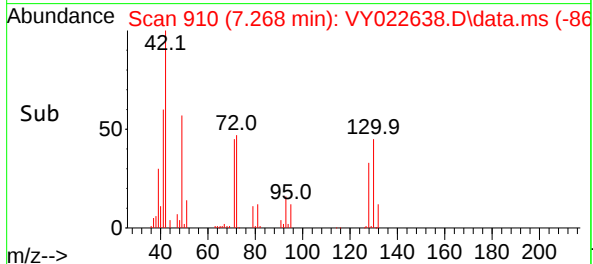
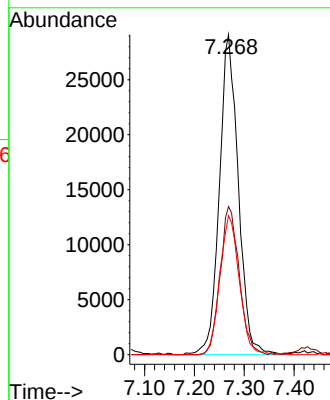
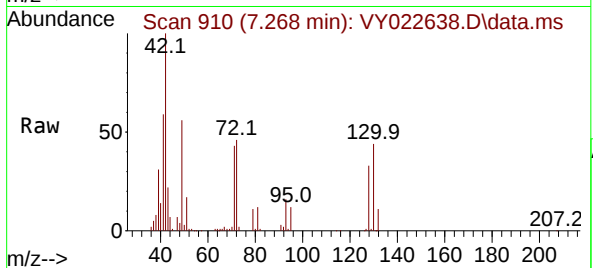
Tgt Ion:	42	Resp:	7659
Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.4	56.2
71	44.6	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#30

Chloroform

Concen: 51.591 ug/l

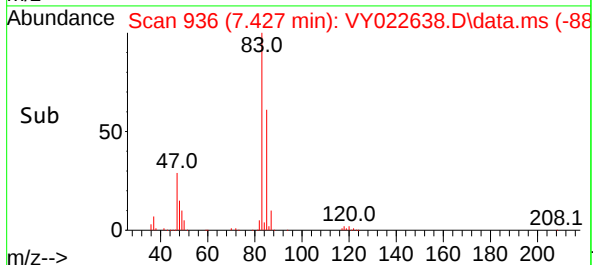
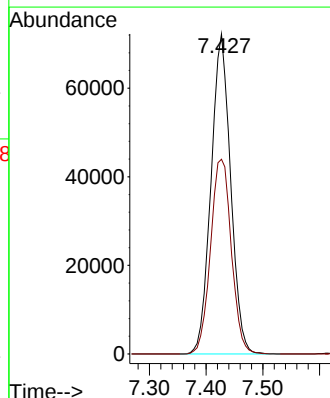
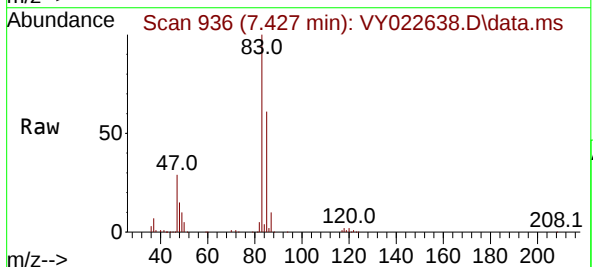
RT: 7.427 min Scan# 936

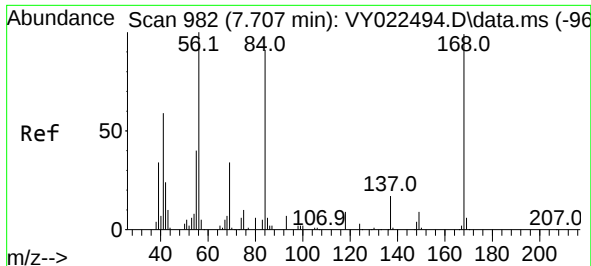
Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

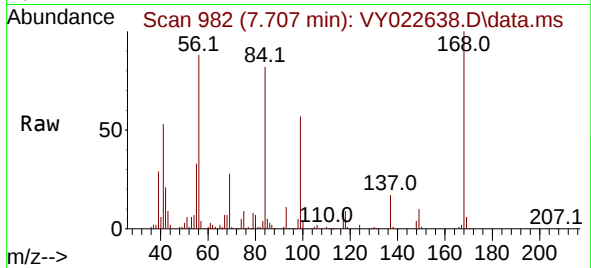
Tgt Ion:	83	Resp:	173124
Ion	Ratio	Lower	Upper
83	100		
85	60.8	54.2	81.4





#31
Cyclohexane
Concen: 43.389 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

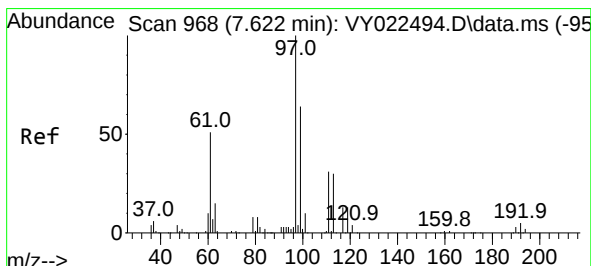
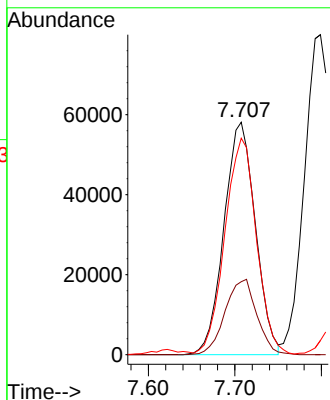
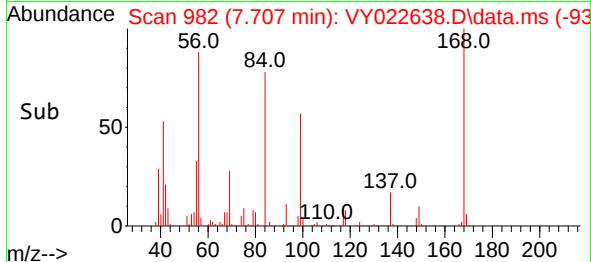
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 146344
Ion Ratio Lower Upper
56 100
69 31.4 27.0 40.6
84 92.0 72.6 109.0

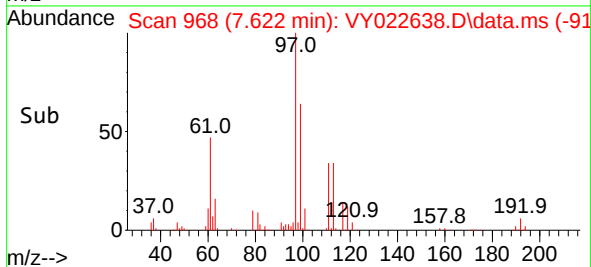
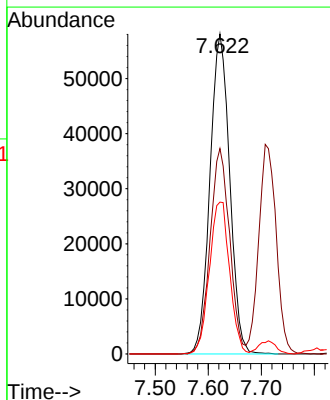
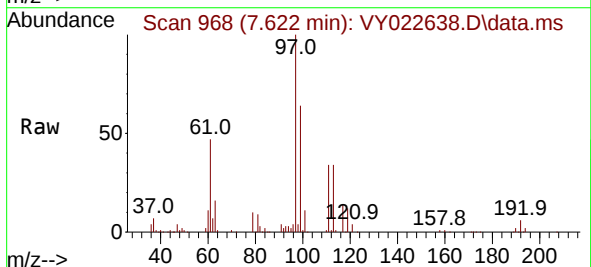
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 50.323 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion: 97 Resp: 149907
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 48.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 53.726 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 94302

Ion Ratio Lower Upper

65 100

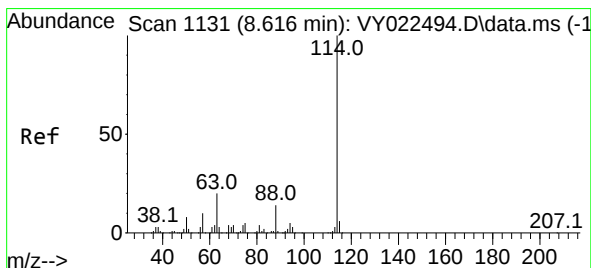
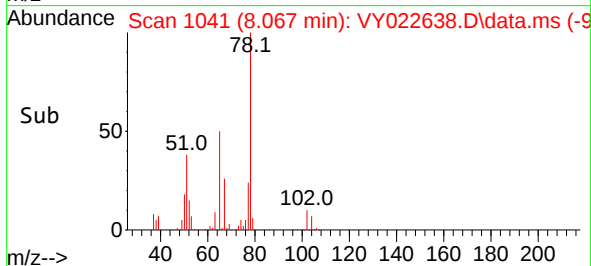
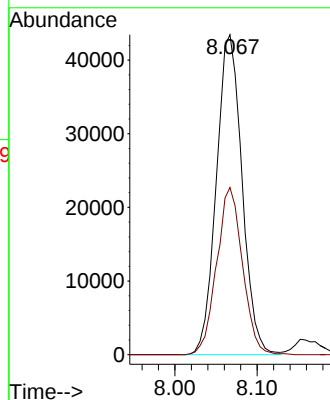
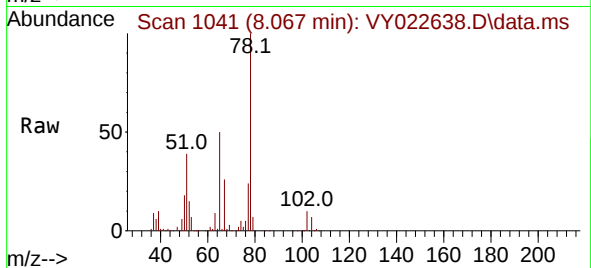
67 52.5 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

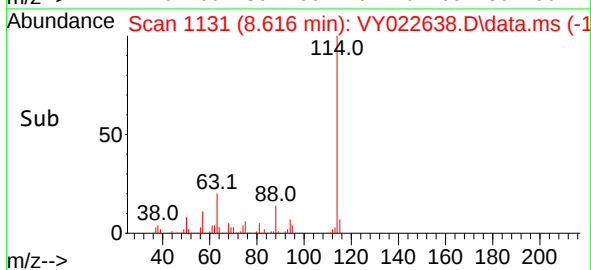
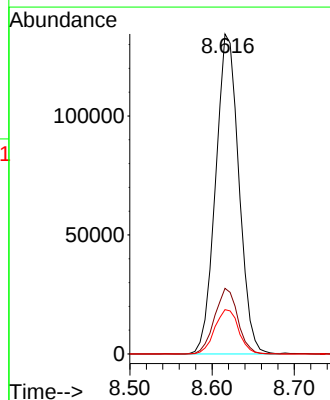
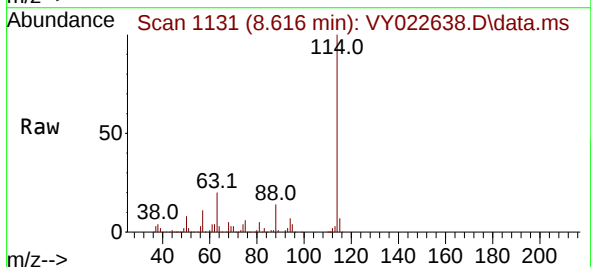
Tgt Ion:114 Resp: 264046

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

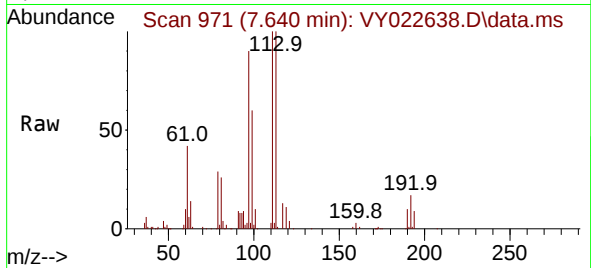
88 13.9 0.0 27.8





#35
Dibromofluoromethane
Concen: 54.690 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

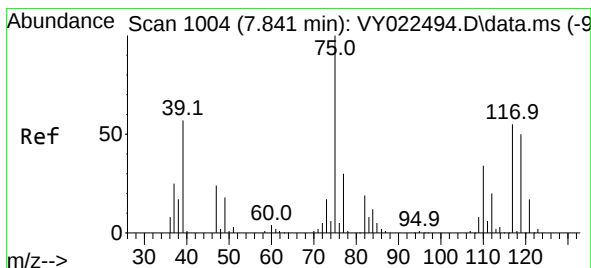
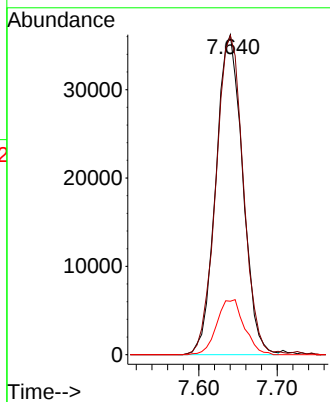
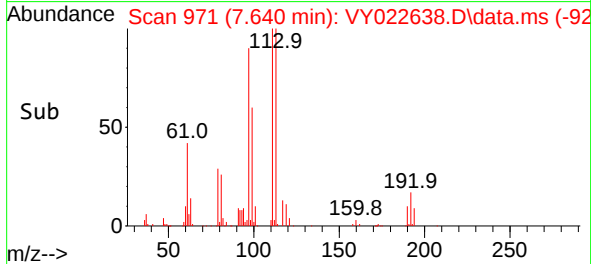
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



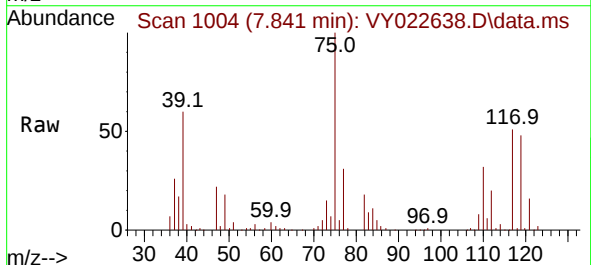
Tgt Ion: 113 Resp: 86194
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 17.5 14.2 21.2

Manual Integrations
APPROVED

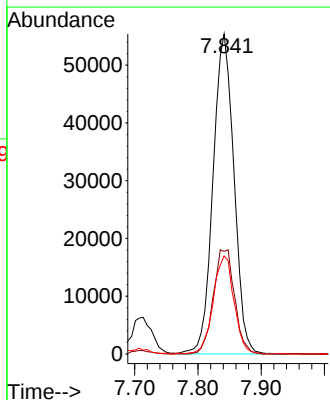
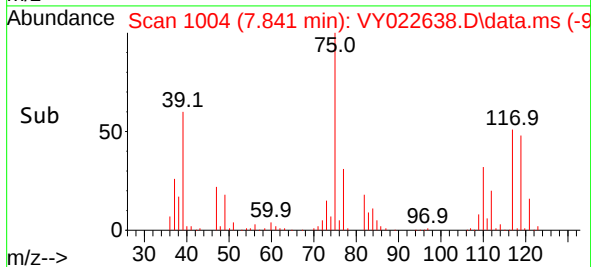
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#36
1,1-Dichloropropene
Concen: 49.654 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



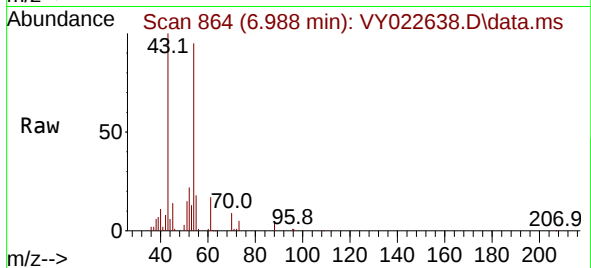
Tgt Ion: 75 Resp: 127010
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.7
77 30.5 24.8 37.2





#37
Ethyl Acetate
Concen: 47.536 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

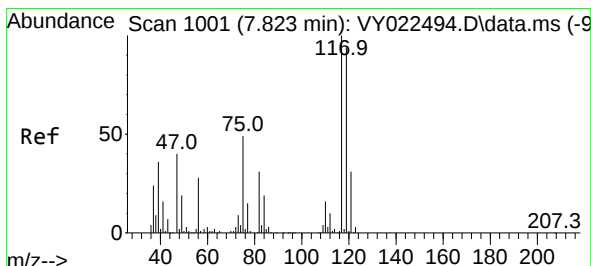
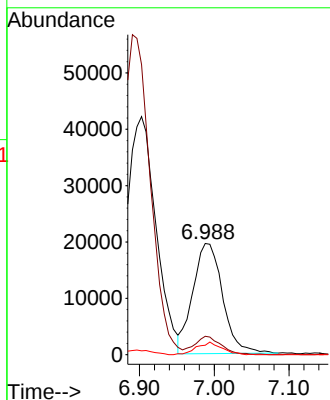
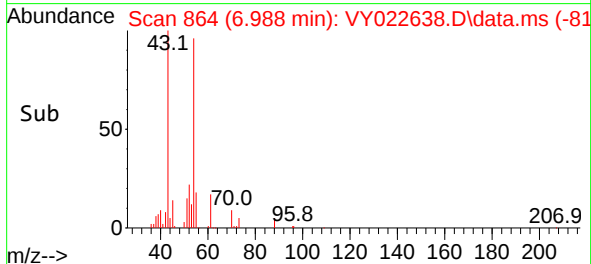
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 54224
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 9.5 7.2 10.8

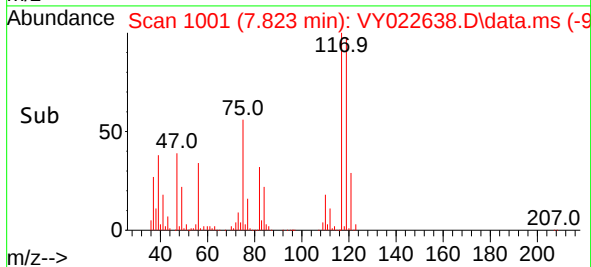
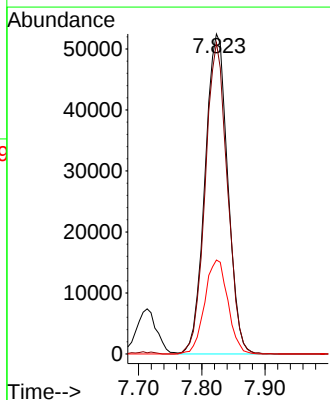
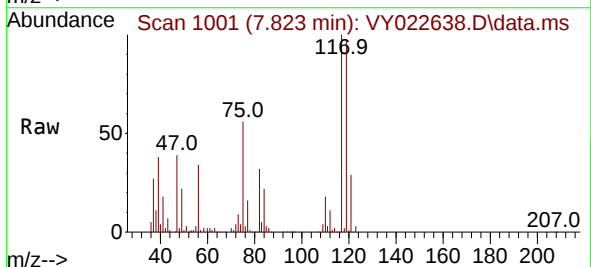
Manual Integrations
APPROVED

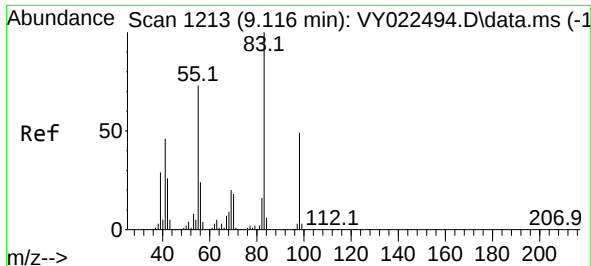
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#38
Carbon Tetrachloride
Concen: 49.963 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

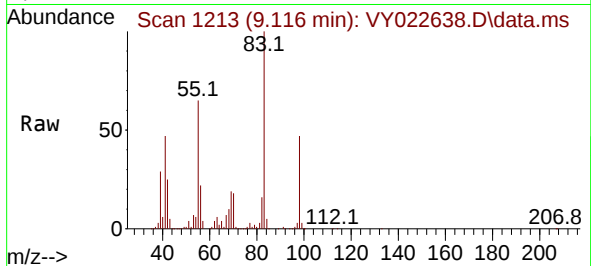
Tgt Ion:117 Resp: 131106
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.6
121 29.3 25.0 37.4





#39
Methylcyclohexane
Concen: 47.220 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

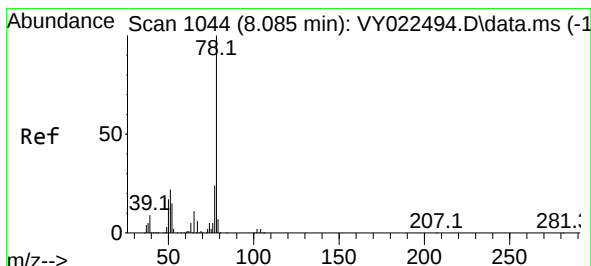
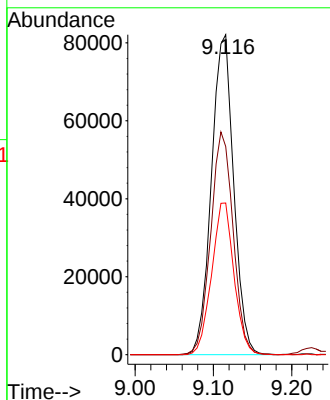
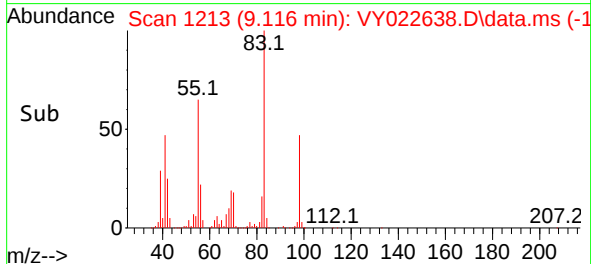
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



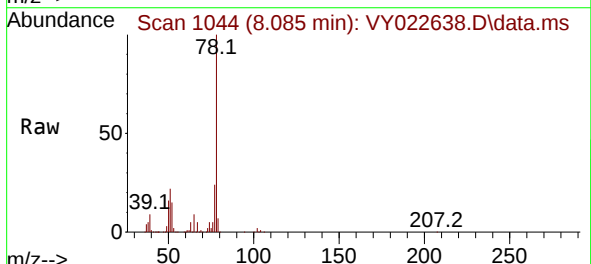
Tgt Ion: 83 Resp: 162310
Ion Ratio Lower Upper
83 100
55 65.1 58.1 87.1
98 47.4 39.0 58.6

Manual Integrations
APPROVED

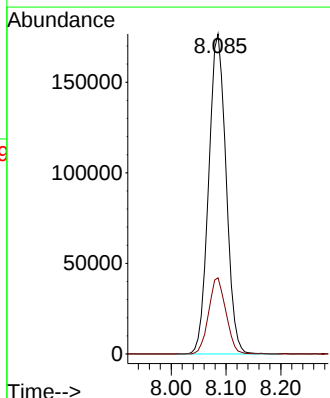
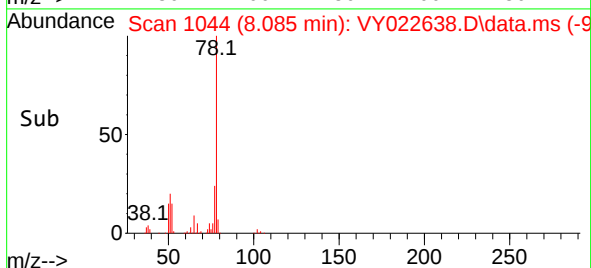
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

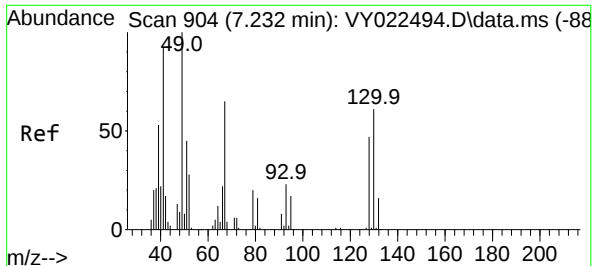


#40
Benzene
Concen: 51.361 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



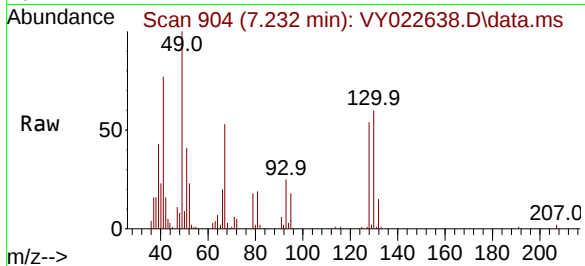
Tgt Ion: 78 Resp: 388031
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 48.803 ug/l m
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

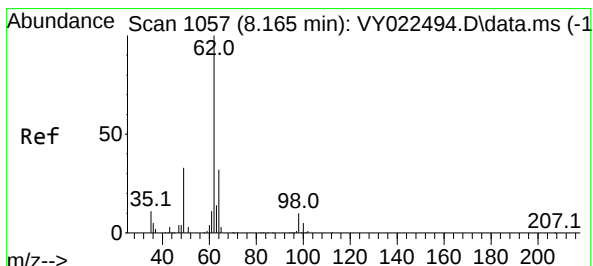
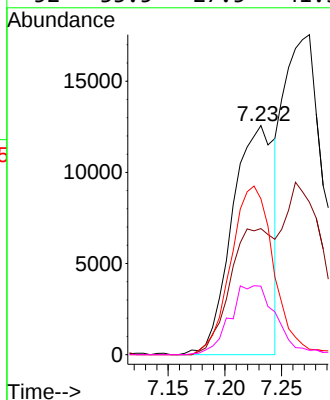
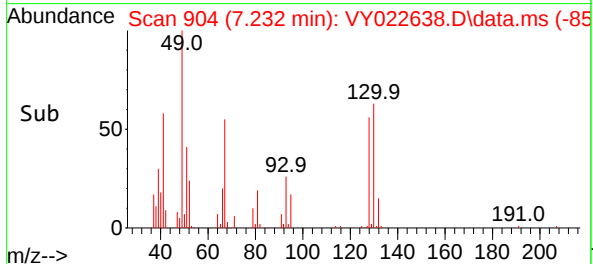
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



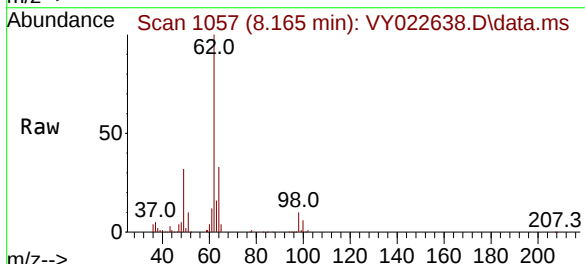
Tgt Ion: 41 Resp: 32517
Ion Ratio Lower Upper
41 100
39 57.4 46.6 69.8
67 74.9 63.3 94.9
52 33.5 27.5 41.3

Manual Integrations
APPROVED

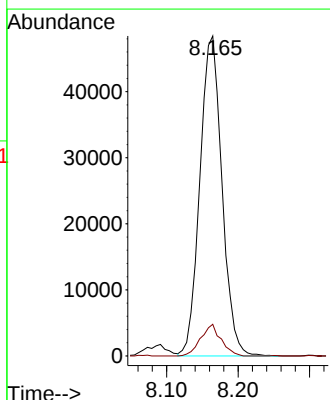
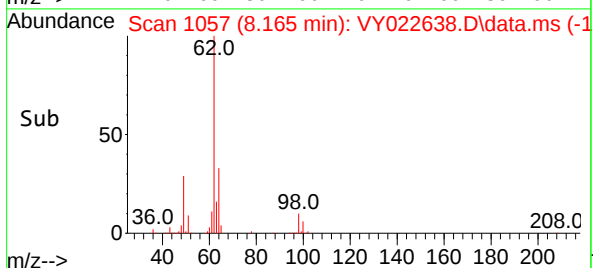
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

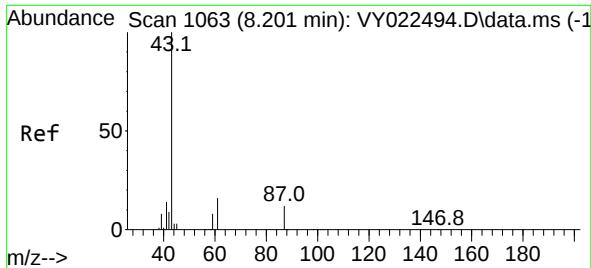


#42
1,2-Dichloroethane
Concen: 50.413 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



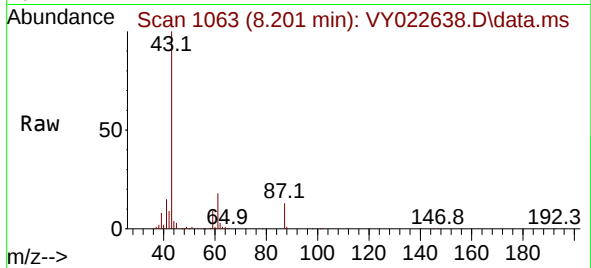
Tgt Ion: 62 Resp: 103994
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 47.409 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

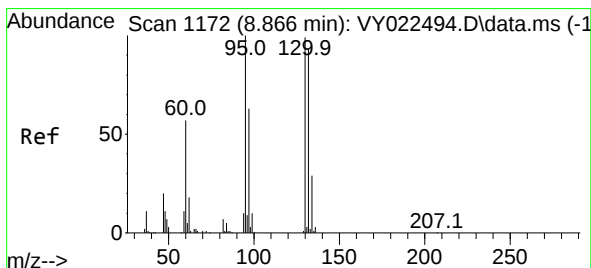
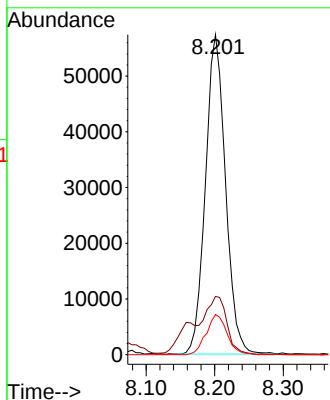
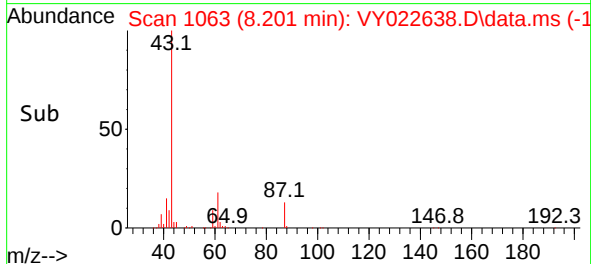
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 116798
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4
87 13.0 10.2 15.4

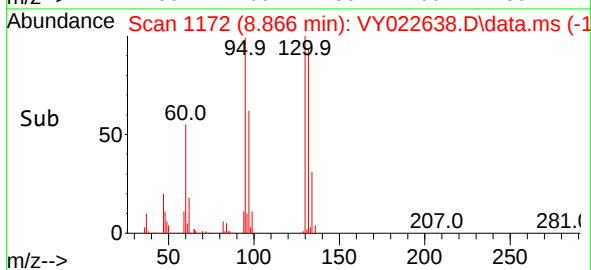
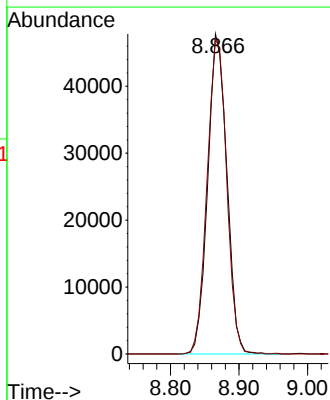
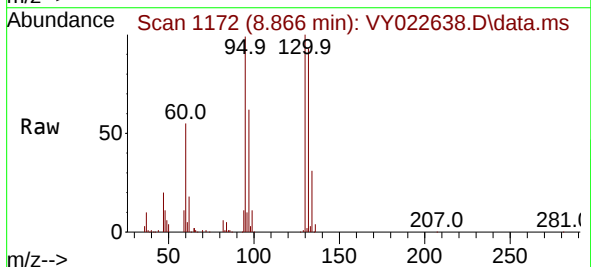
Manual Integrations
APPROVED

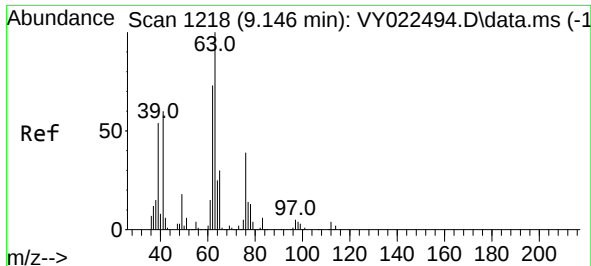
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#44
Trichloroethene
Concen: 50.089 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion:130 Resp: 92489
Ion Ratio Lower Upper
130 100
95 98.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 51.549 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 92040

Ion Ratio Lower Upper

63 100

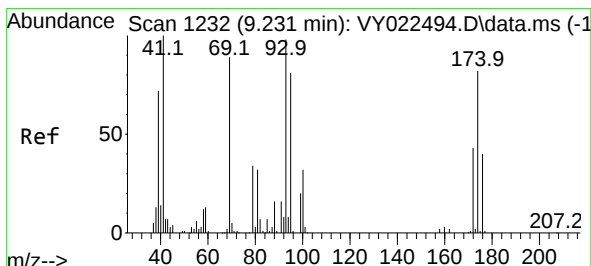
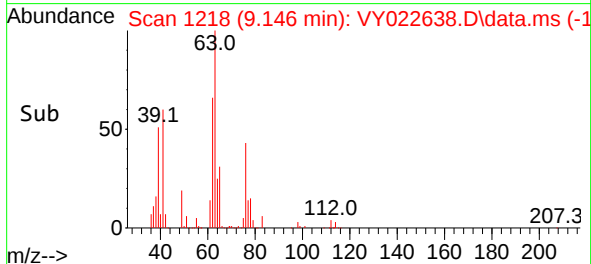
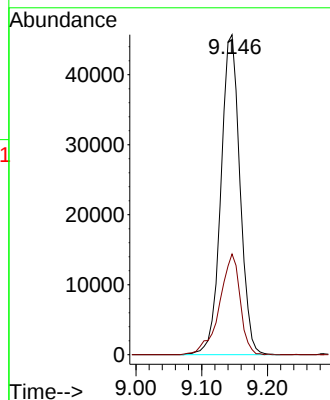
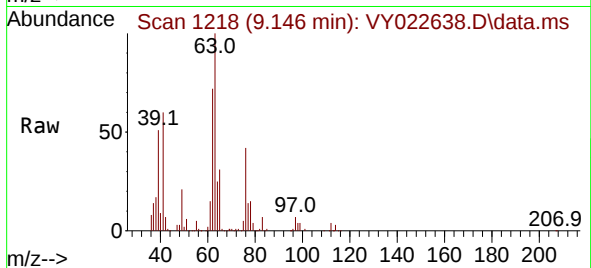
65 31.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#46

Dibromomethane

Concen: 51.071 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

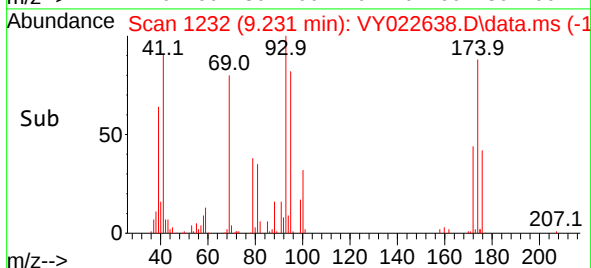
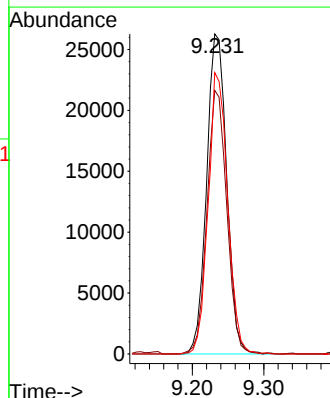
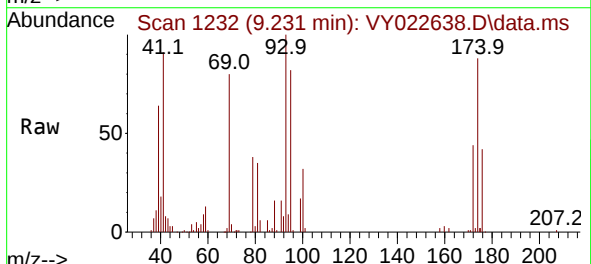
Tgt Ion: 93 Resp: 51301

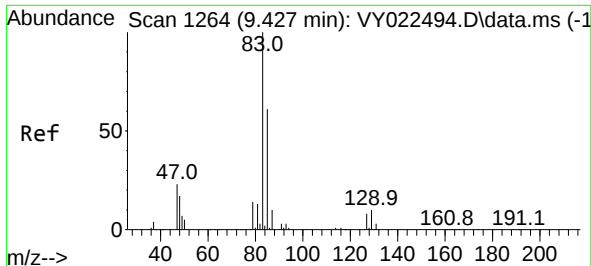
Ion Ratio Lower Upper

93 100

95 81.0 65.6 98.4

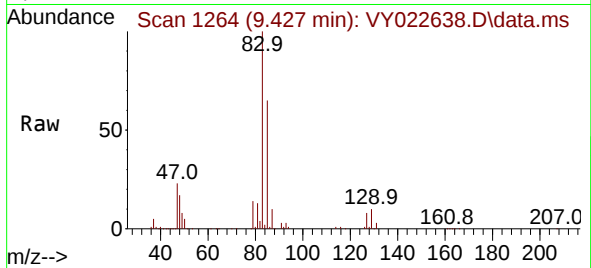
174 85.3 70.4 105.6





#47
Bromodichloromethane
Concen: 52.969 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

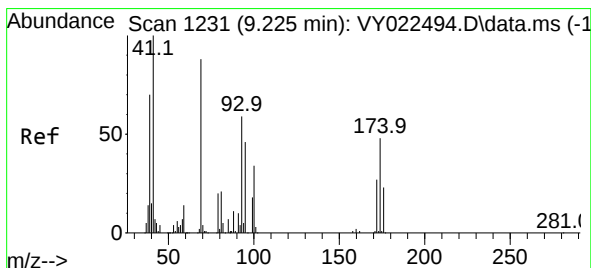
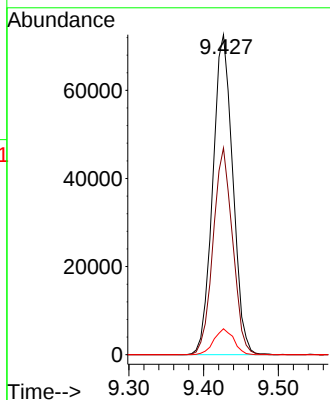
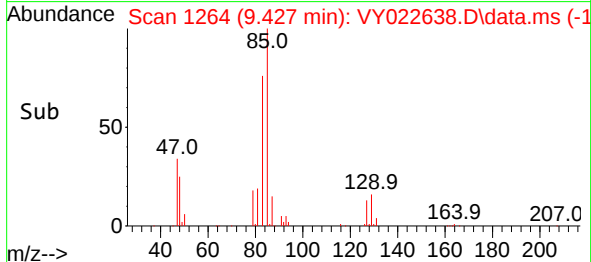
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



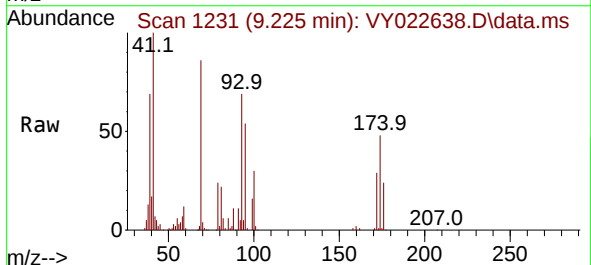
Tgt Ion: 83 Resp: 134915
Ion Ratio Lower Upper
83 100
85 64.6 49.1 73.7
127 8.1 6.2 9.4

Manual Integrations
APPROVED

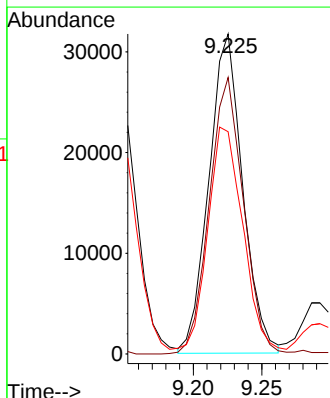
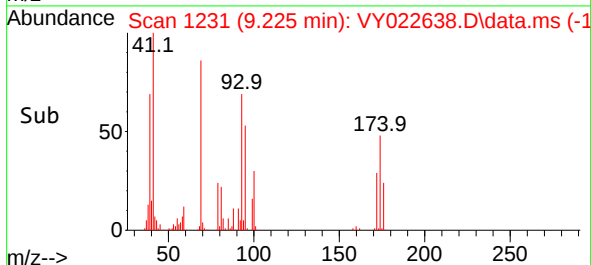
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

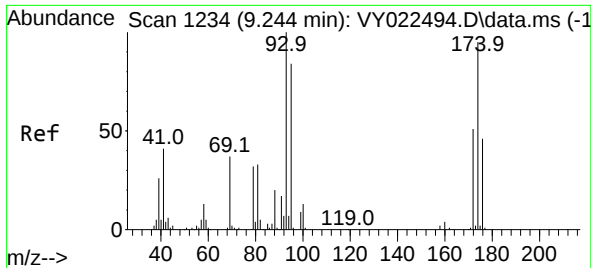


#48
Methyl methacrylate
Concen: 47.073 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



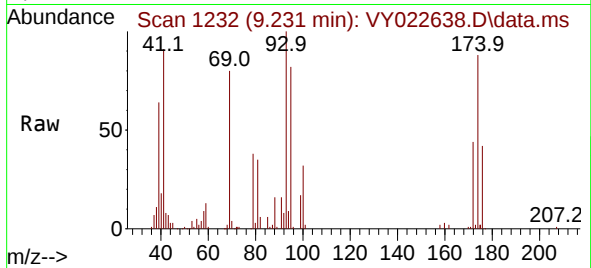
Tgt Ion: 41 Resp: 54428
Ion Ratio Lower Upper
41 100
69 87.1 67.8 101.8
39 71.4 55.0 82.4





#49
1,4-Dioxane
Concen: 883.755 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

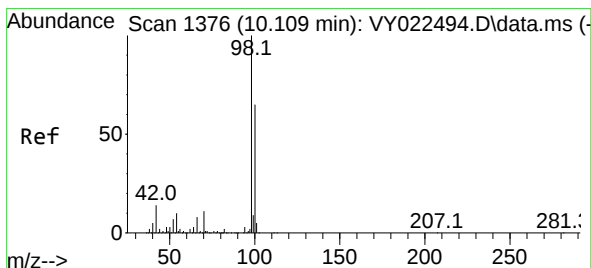
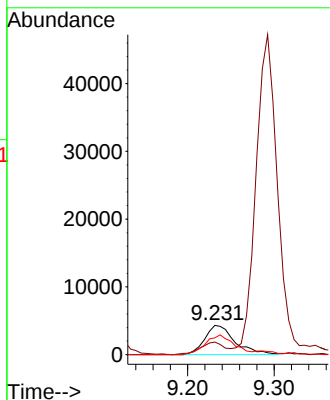
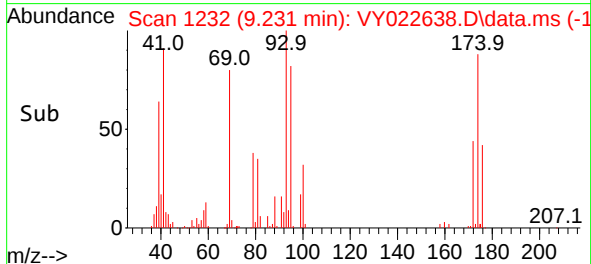
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1051
Ion Ratio Lower Upper
88 100
43 35.2 25.4 38.2
58 63.5 54.9 82.3

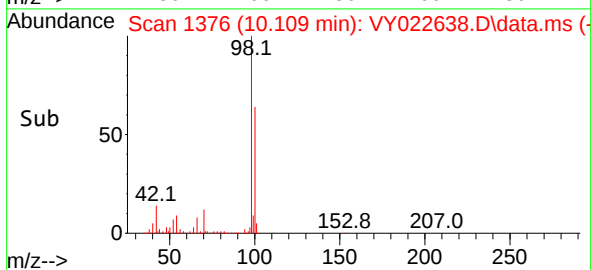
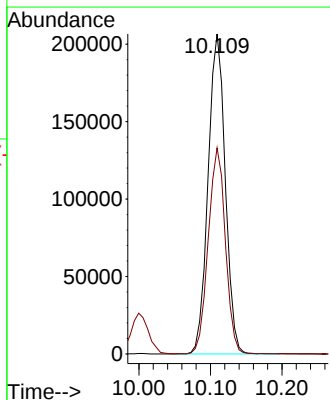
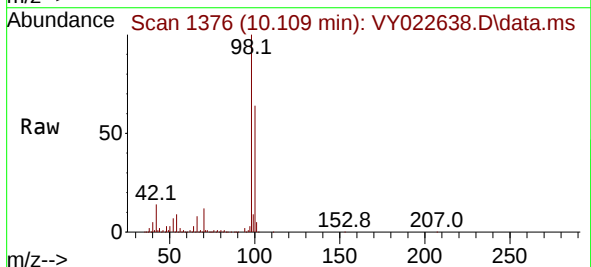
Manual Integrations
APPROVED

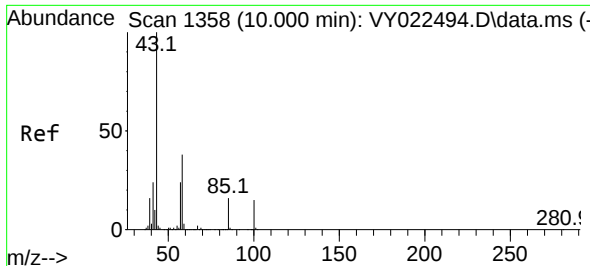
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#50
Toluene-d8
Concen: 54.092 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

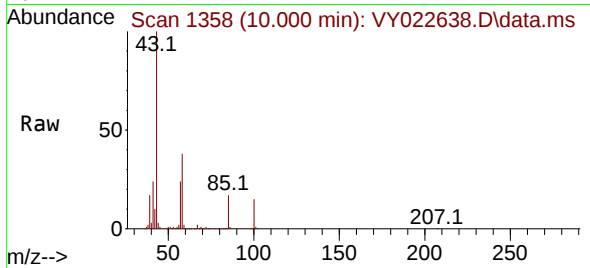
Tgt Ion: 98 Resp: 344471
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 242.715 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

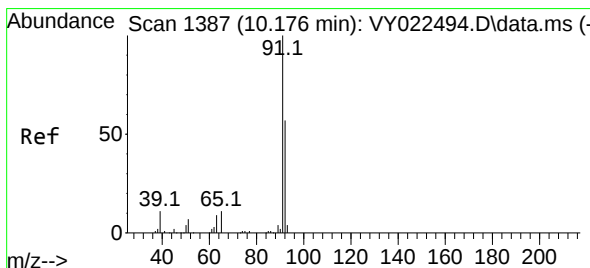
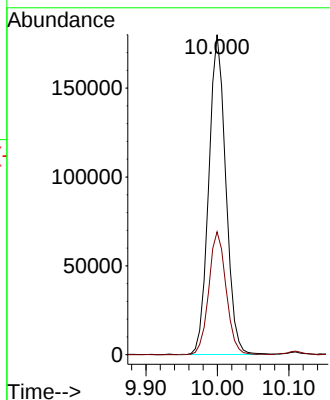
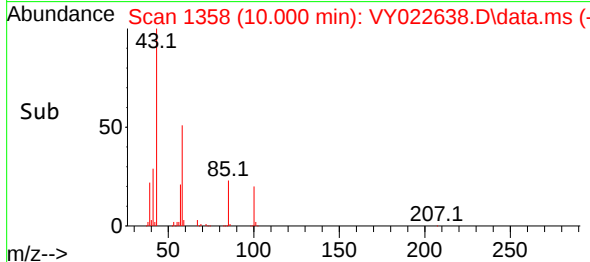
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 29812
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

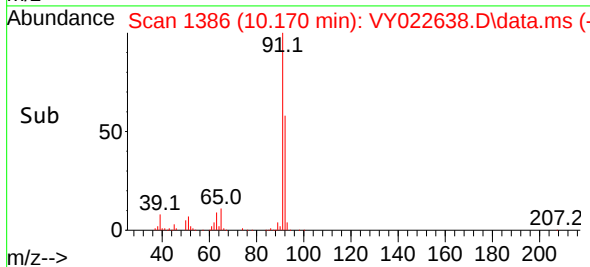
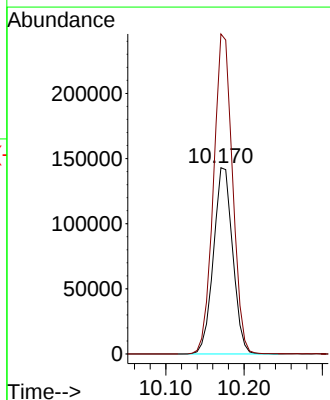
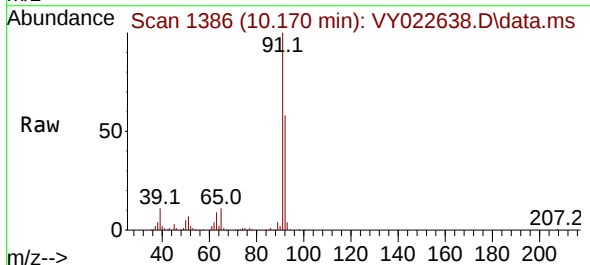
Manual Integrations
APPROVED

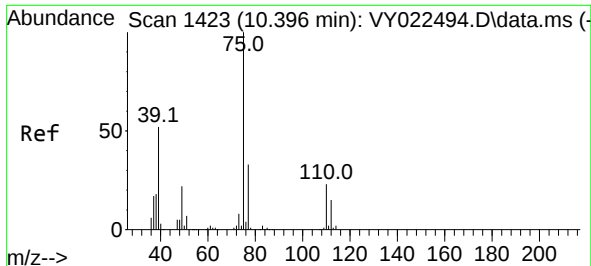
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#52
Toluene
Concen: 51.331 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

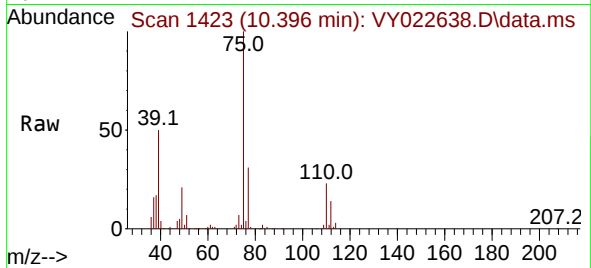
Tgt Ion: 92 Resp: 243711
Ion Ratio Lower Upper
92 100
91 170.1 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 49.589 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

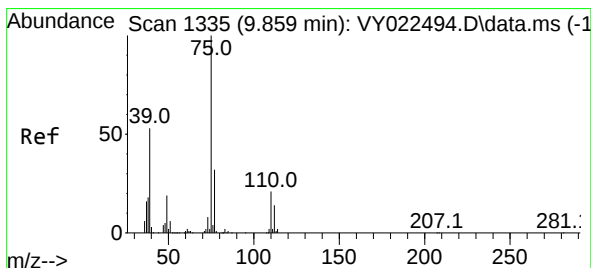
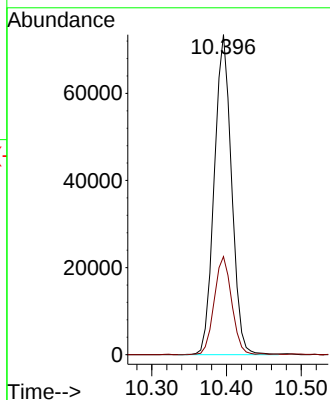
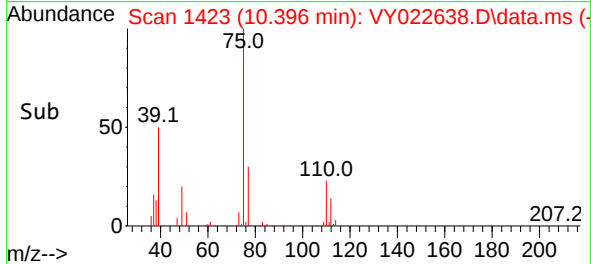
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 118344
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7

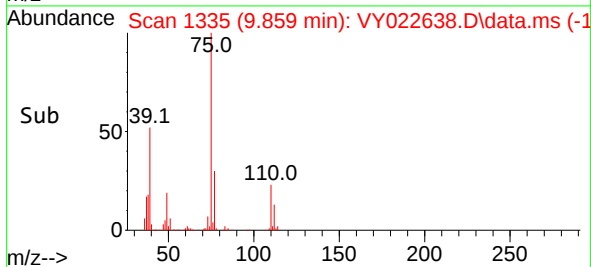
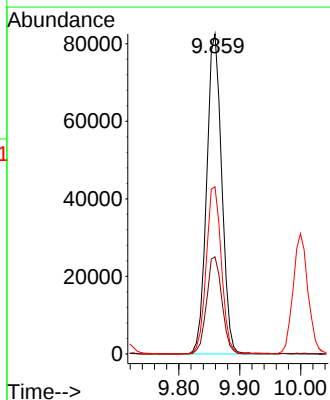
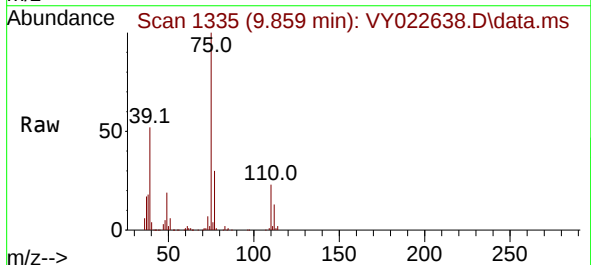
Manual Integrations
APPROVED

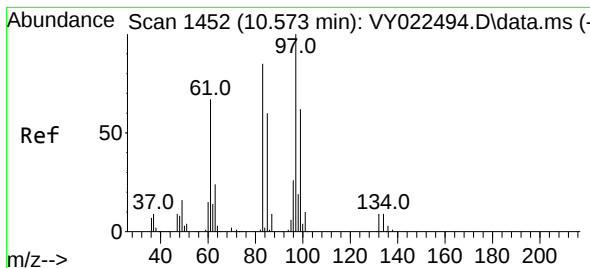
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#54
cis-1,3-Dichloropropene
Concen: 50.959 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

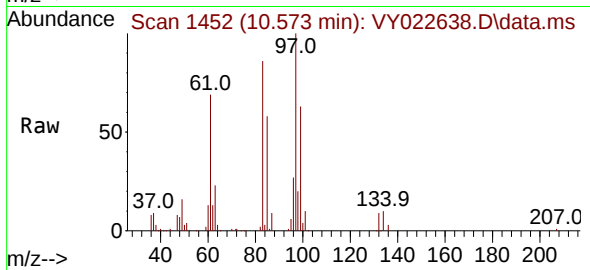
Tgt Ion: 75 Resp: 141566
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9
39 52.2 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 51.378 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

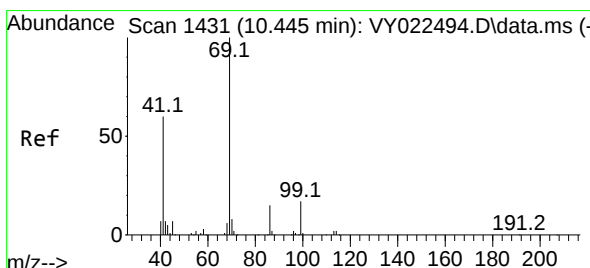
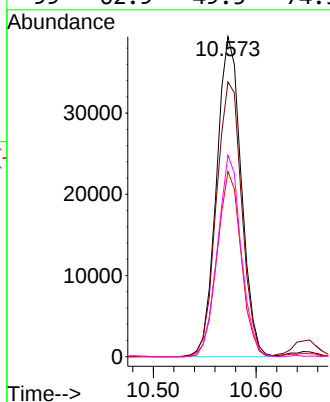
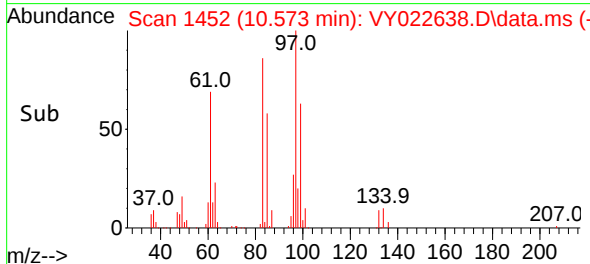
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



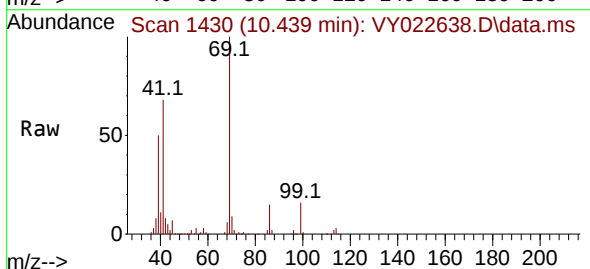
Tgt Ion: 97	Resp: 65808
Ion Ratio	Lower Upper
97 100	
83 85.8	68.1 102.1
85 57.9	48.2 72.2
99 62.9	49.5 74.3

Manual Integrations
APPROVED

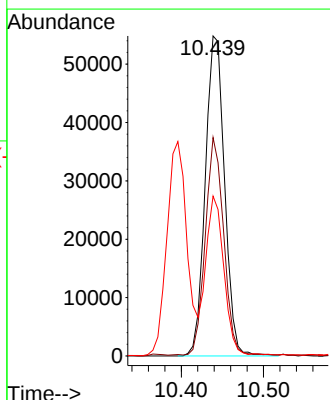
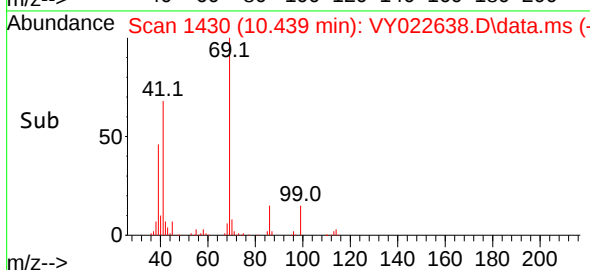
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

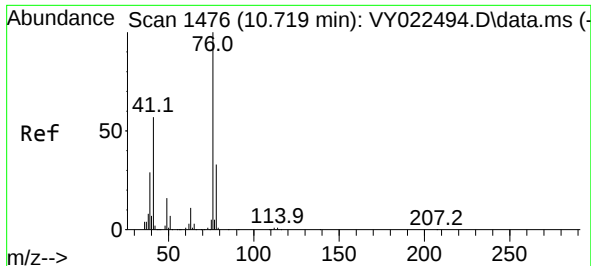


#56
Ethyl methacrylate
Concen: 48.292 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



Tgt Ion: 69	Resp: 89401
Ion Ratio	Lower Upper
69 100	
41 64.4	52.2 78.2
39 46.1	36.7 55.1





#57

1,3-Dichloropropane

Concen: 51.204 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 116244

Ion Ratio Lower Upper

76 100

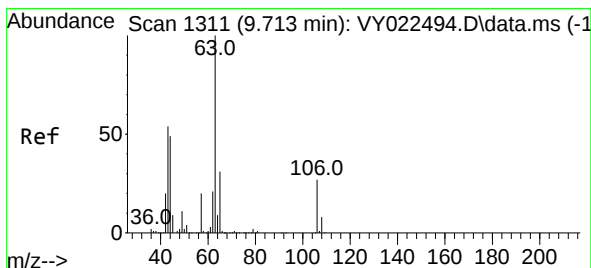
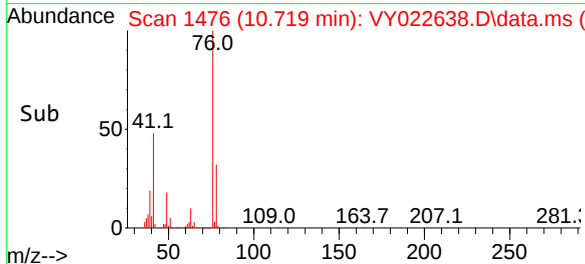
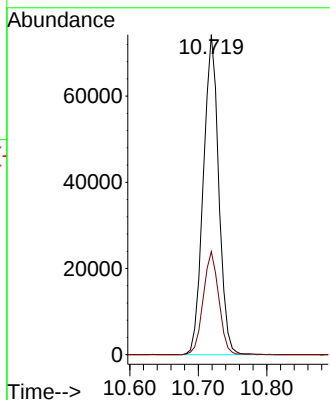
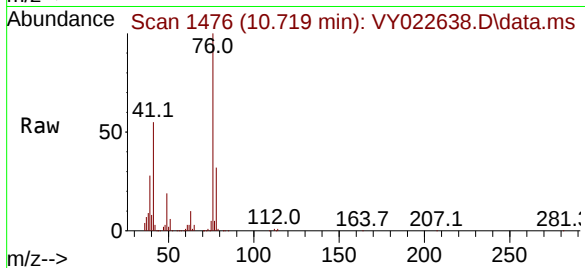
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 272.642 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022638.D

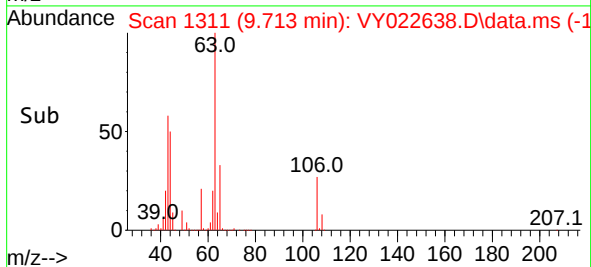
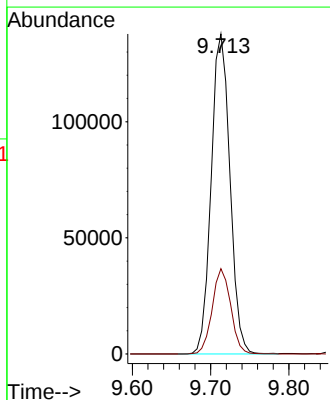
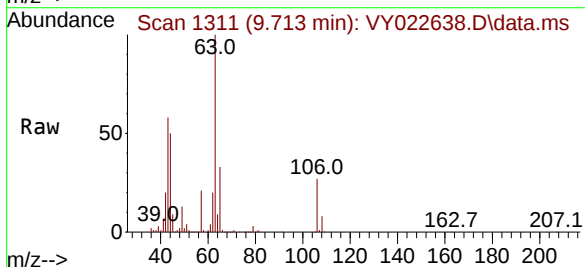
Acq: 10 Jun 2025 09:46

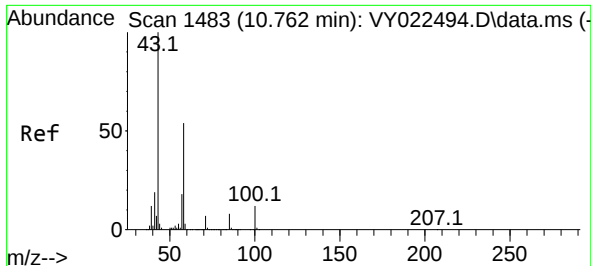
Tgt Ion: 63 Resp: 229160

Ion Ratio Lower Upper

63 100

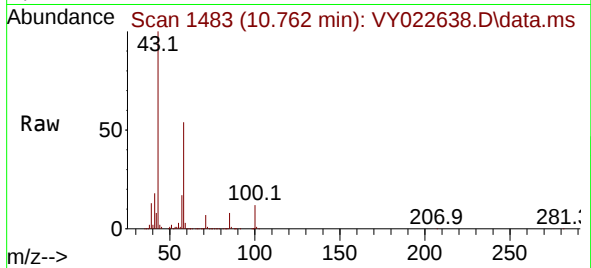
106 26.2 21.6 32.4





#59
2-Hexanone
Concen: 238.922 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

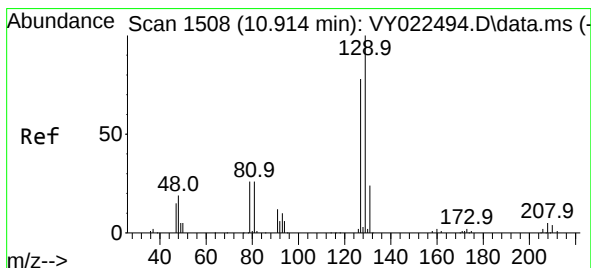
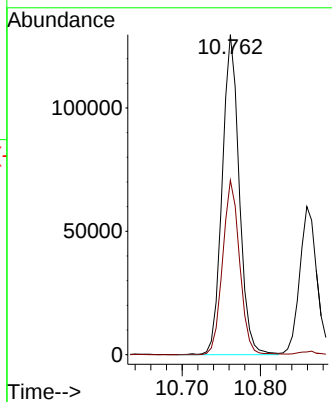
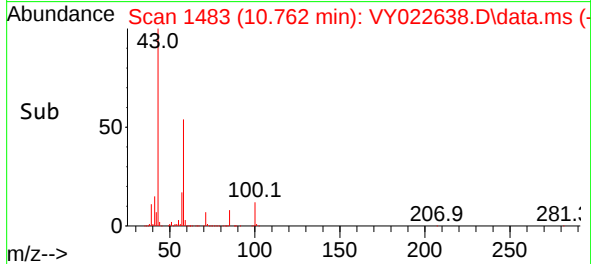
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 19626
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

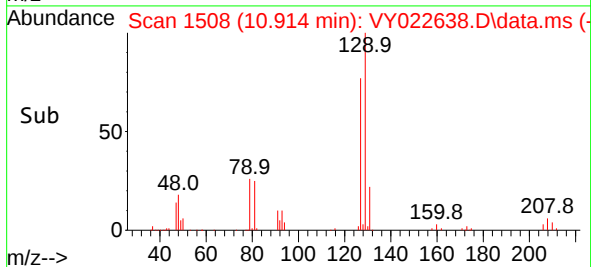
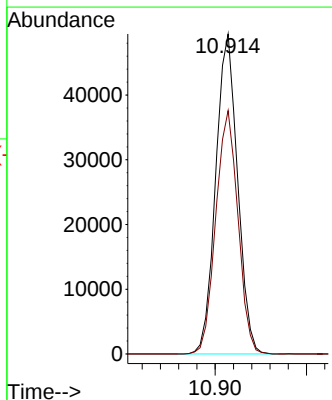
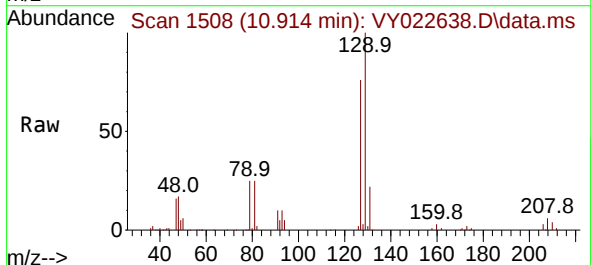
Manual Integrations
APPROVED

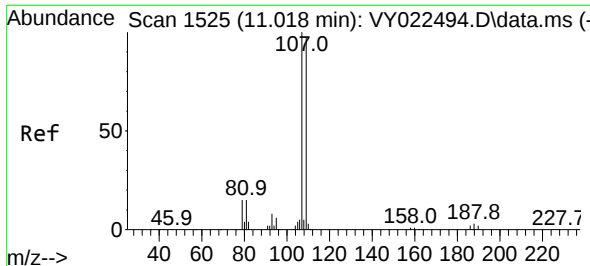
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#60
Dibromochloromethane
Concen: 50.447 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

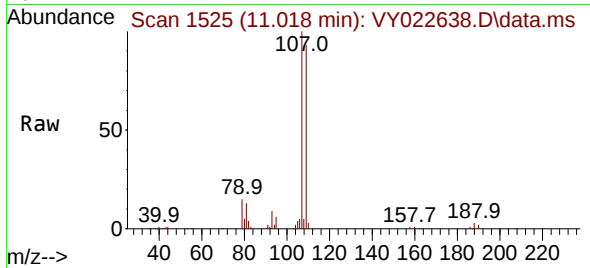
Tgt Ion:129 Resp: 82115
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61
1,2-Dibromoethane
Concen: 51.332 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

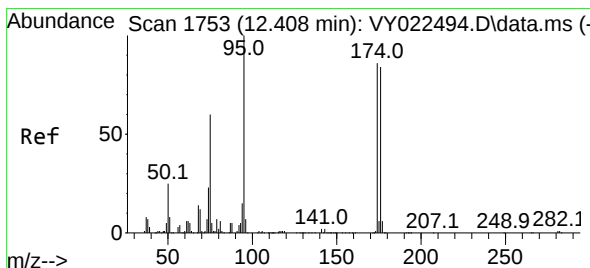
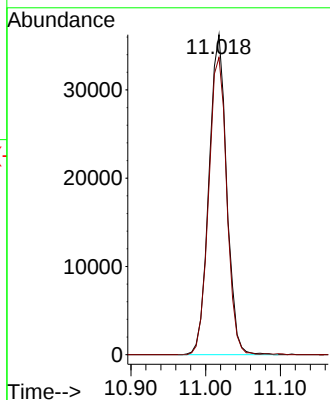
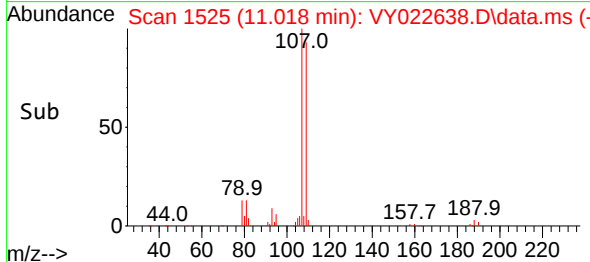
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



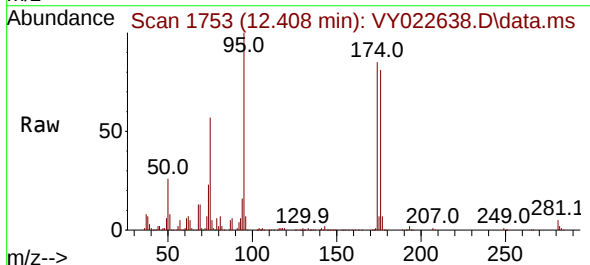
Tgt Ion:107 Resp: 5992
Ion Ratio Lower Upper
107 100
109 94.7 77.7 116.5

Manual Integrations
APPROVED

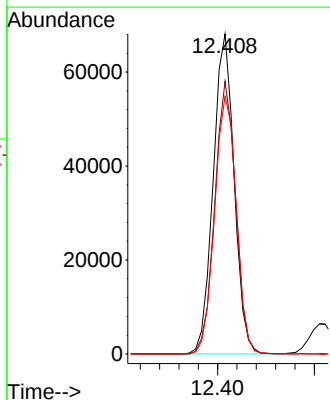
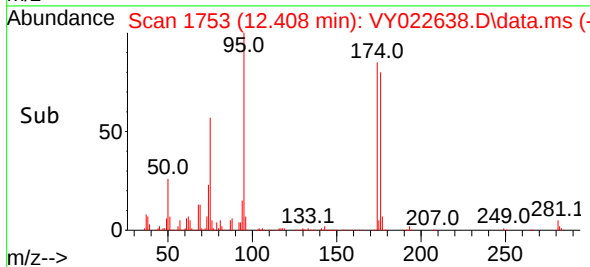
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

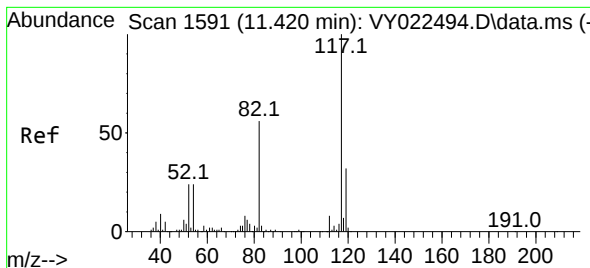


#62
4-Bromofluorobenzene
Concen: 53.878 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



Tgt Ion: 95 Resp: 102229
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.0
176 83.3 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 225714

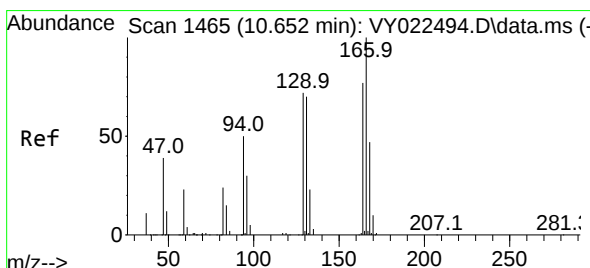
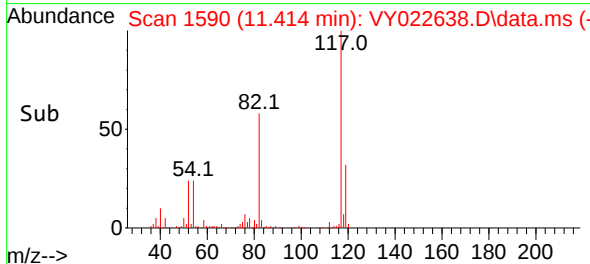
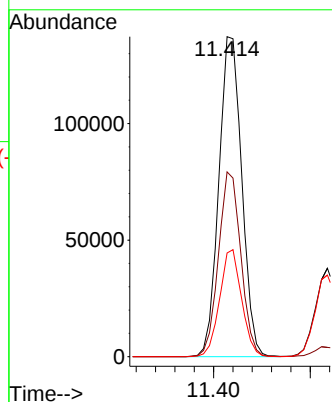
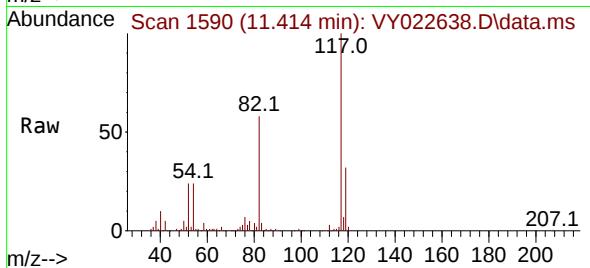
Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.6	66.8
119	32.4	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#64

Tetrachloroethene

Concen: 52.632 ug/l

RT: 10.646 min Scan# 1464

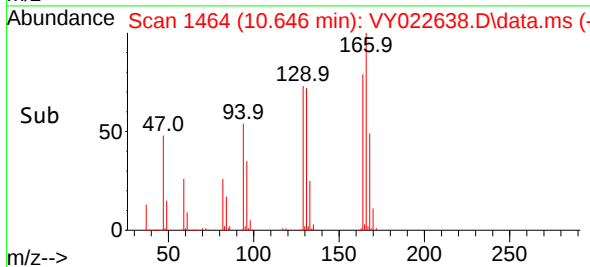
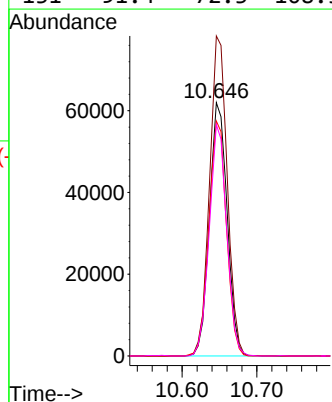
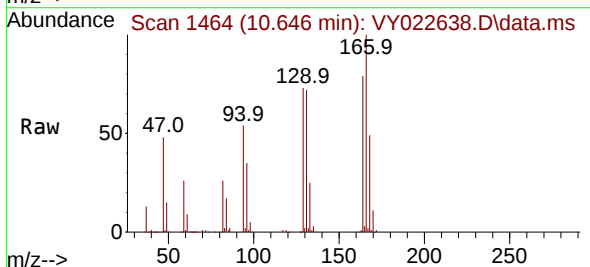
Delta R.T. -0.006 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Tgt Ion:164 Resp: 102192

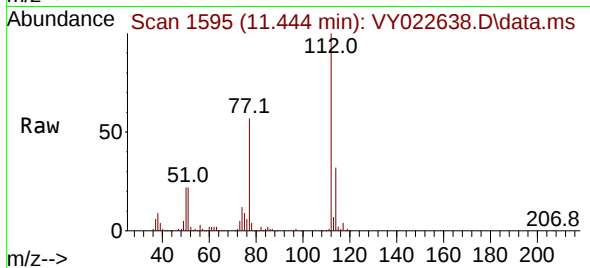
Ion	Ratio	Lower	Upper
164	100		
166	126.3	104.0	156.0
129	92.7	74.5	111.7
131	91.4	72.3	108.5





#65
Chlorobenzene
Concen: 50.274 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

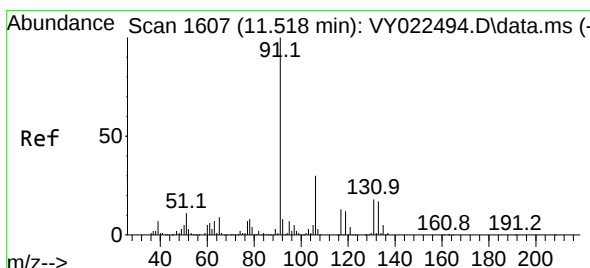
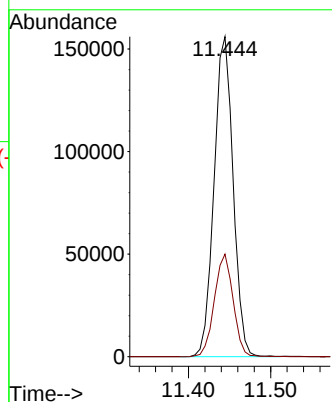
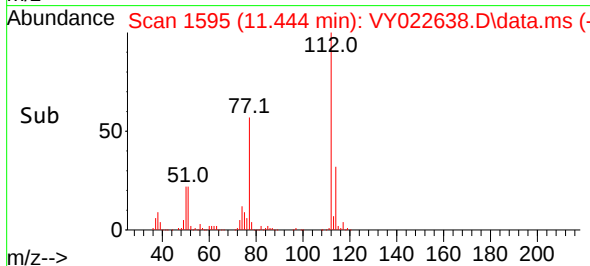
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 25110
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6

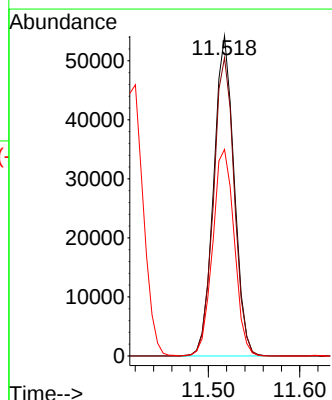
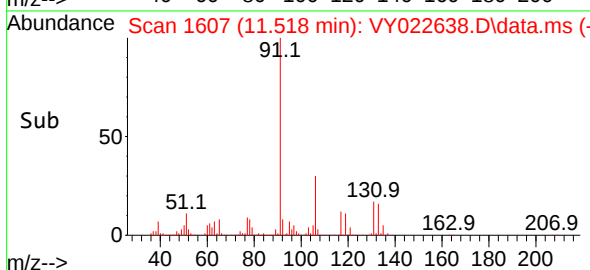
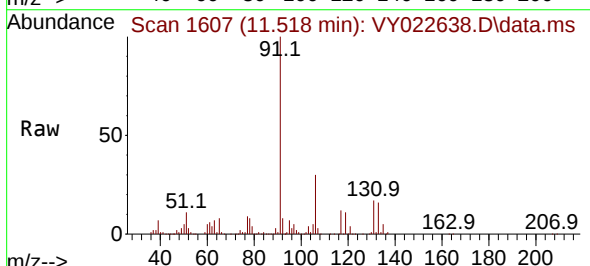
Manual Integrations
APPROVED

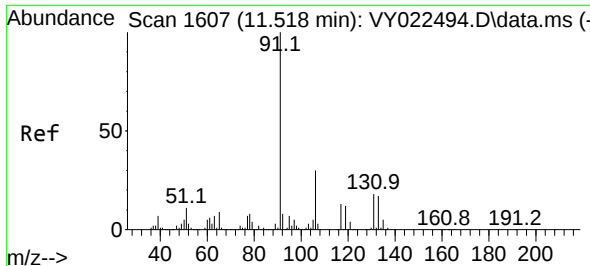
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.980 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion:131 Resp: 84097
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 68.2 33.1 99.3





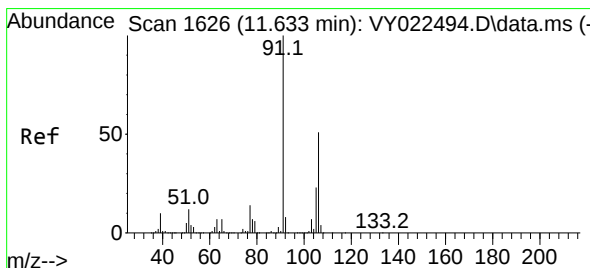
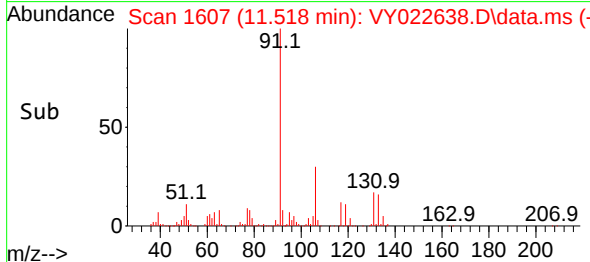
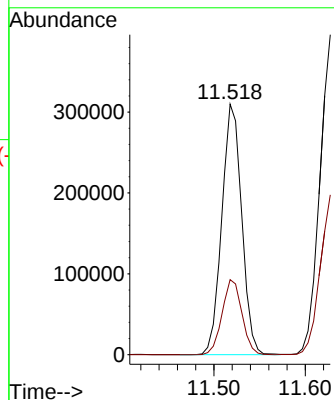
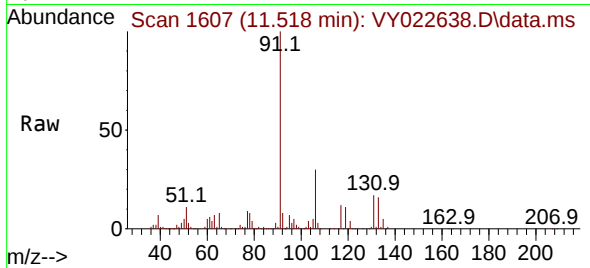
#67
Ethyl Benzene
Concen: 50.623 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 468984
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4

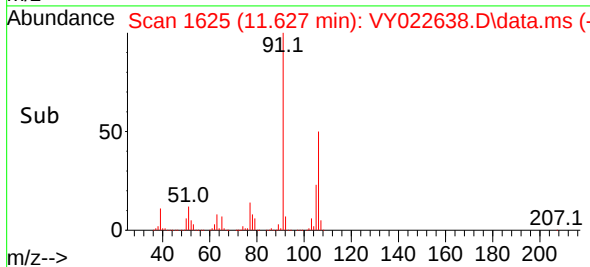
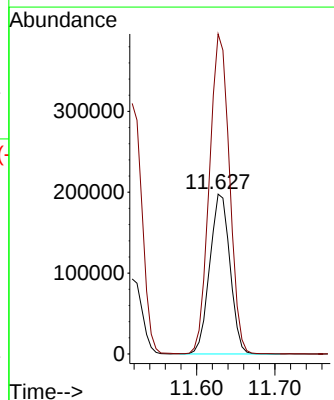
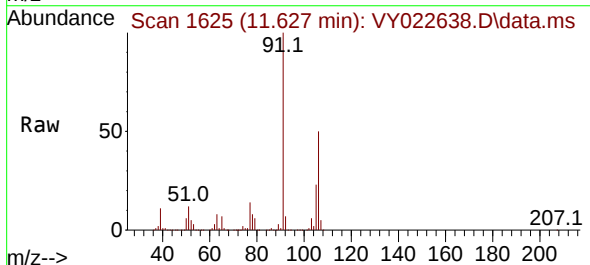
Manual Integrations
APPROVED

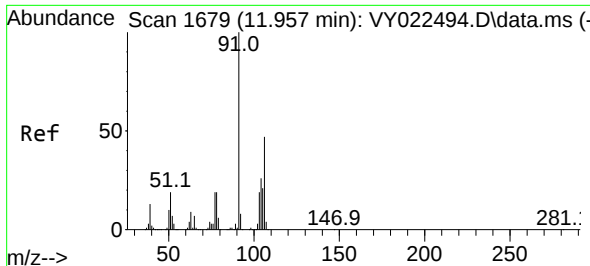
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#68
m/p-Xylenes
Concen: 100.892 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion:106 Resp: 354329
Ion Ratio Lower Upper
106 100
91 199.1 159.4 239.0





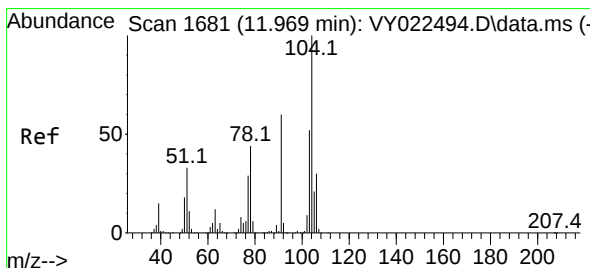
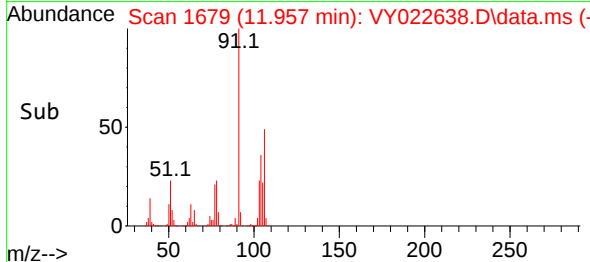
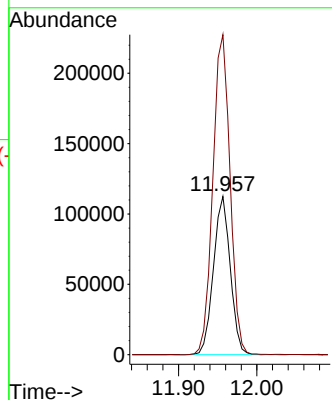
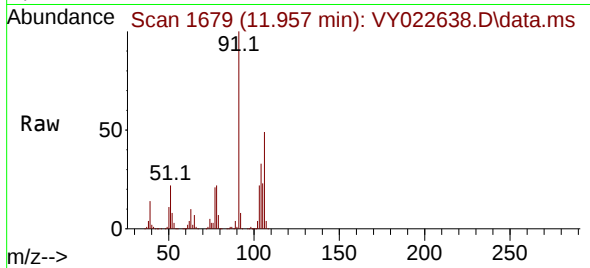
#69
o-Xylene
Concen: 50.895 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16758
Ion Ratio Lower Upper
106 100
91 207.2 105.8 317.3

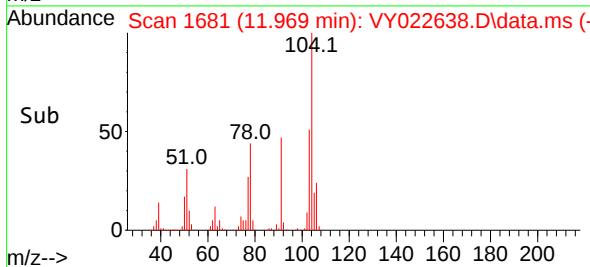
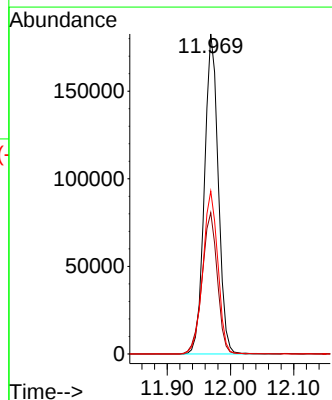
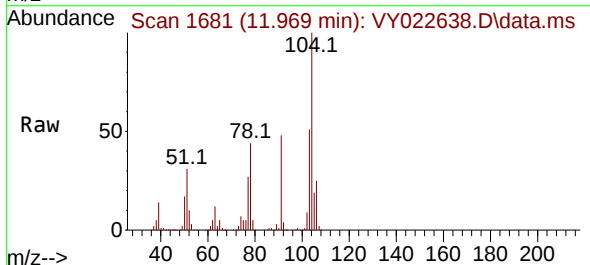
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#70
Styrene
Concen: 51.067 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion:104 Resp: 277948
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 55.1 44.1 66.1





#71

Bromoform

Concen: 47.785 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 42780

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

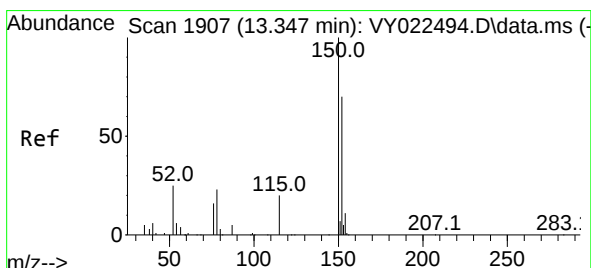
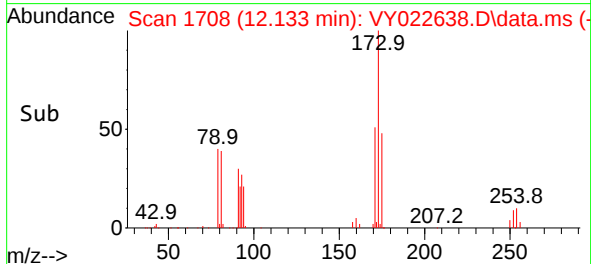
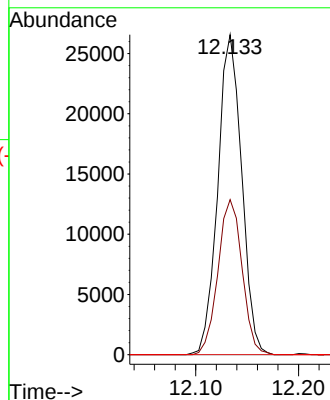
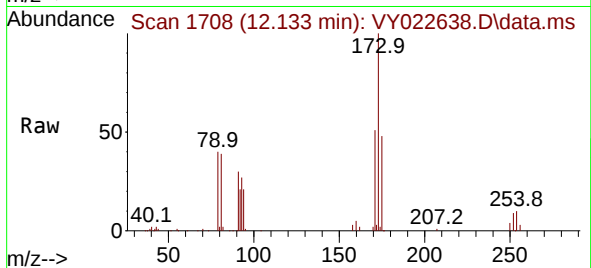
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

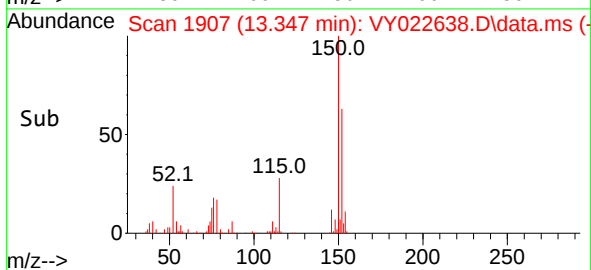
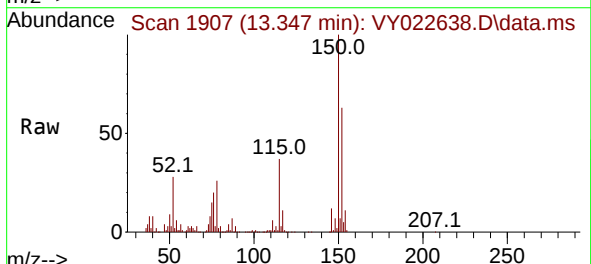
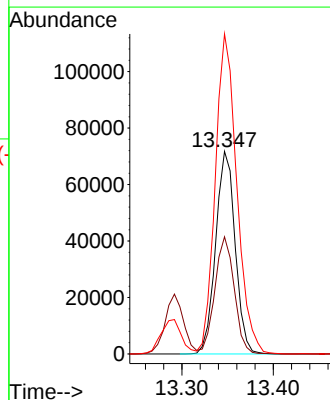
Tgt Ion:152 Resp: 106365

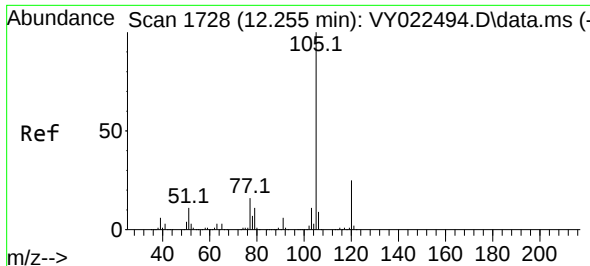
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

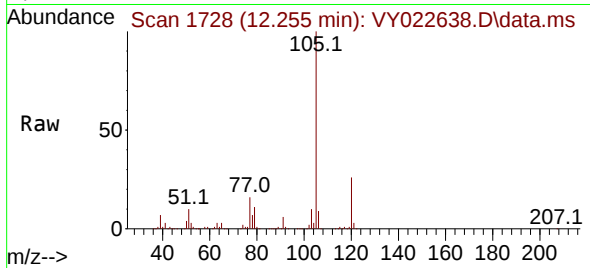
150 174.5 0.0 349.6





#73
Isopropylbenzene
Concen: 49.474 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

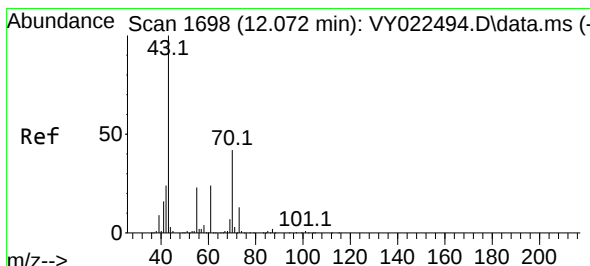
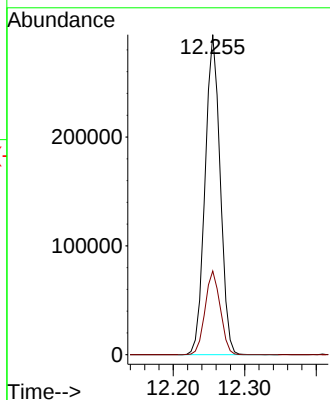
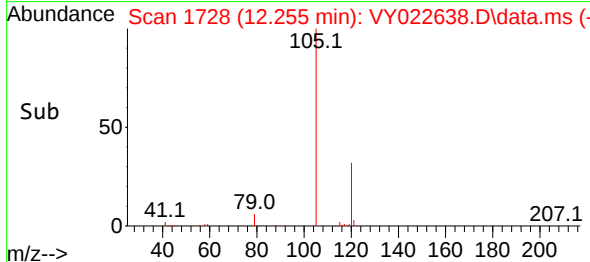
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



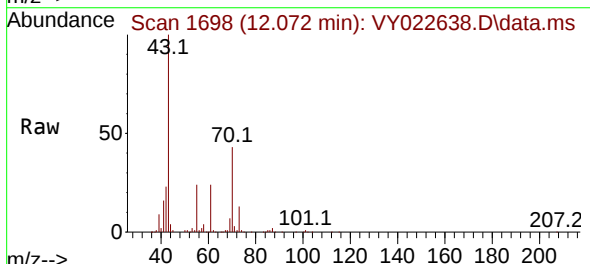
Tgt Ion:105 Resp: 432034
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

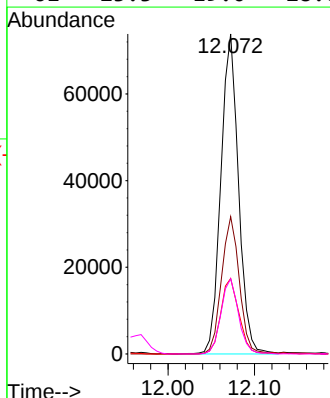
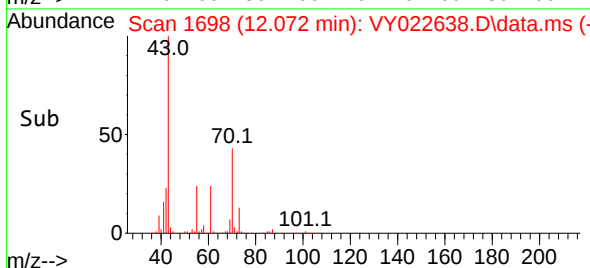
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

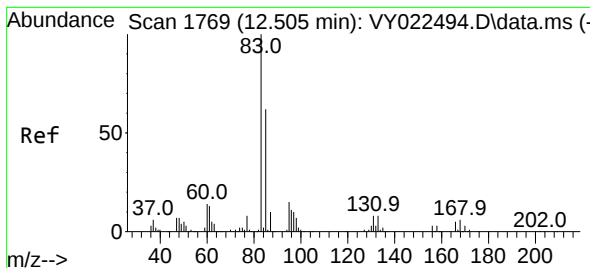


#74
N-ethyl acetate
Concen: 47.528 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



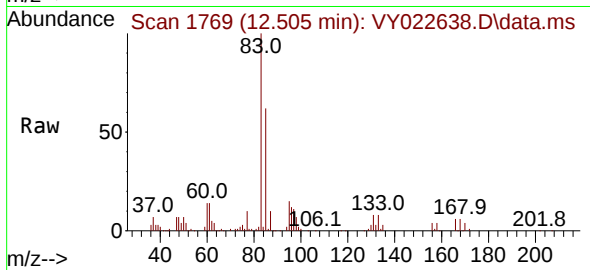
Tgt Ion: 43 Resp: 104724
Ion Ratio Lower Upper
43 100
70 43.4 34.2 51.2
55 24.3 18.2 27.4
61 23.3 19.0 28.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.985 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022638.D
 Acq: 10 Jun 2025 09:46

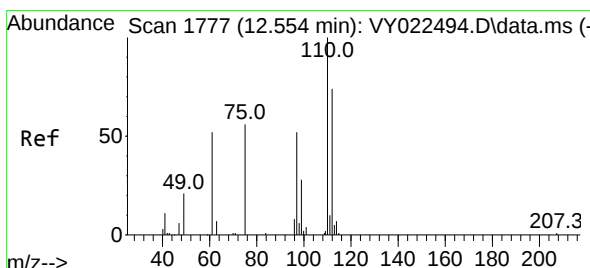
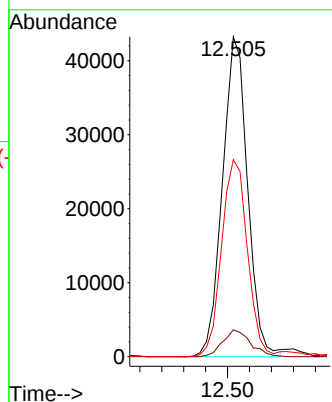
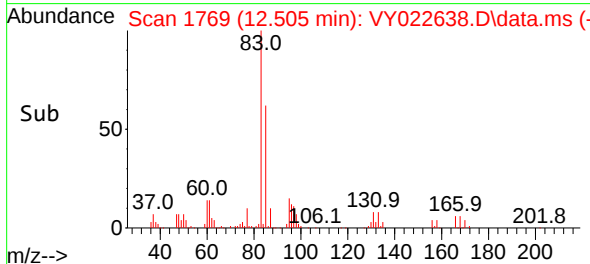
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



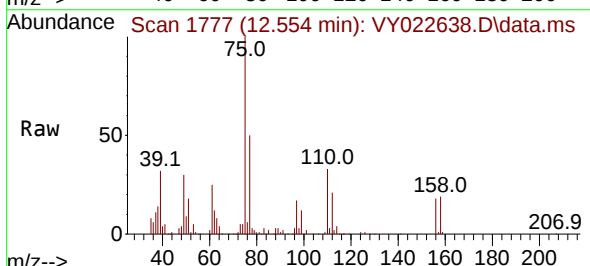
Tgt Ion: 83 Resp: 68774
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.9 14.7
 85 63.1 32.6 97.8

Manual Integrations
 APPROVED

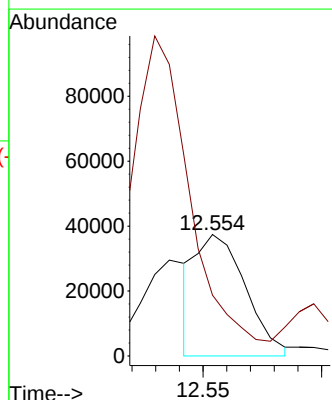
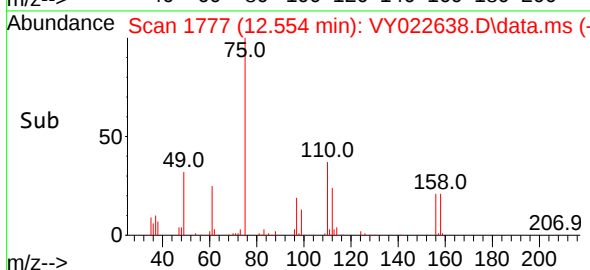
Reviewed By :John Carlone 06/10/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025

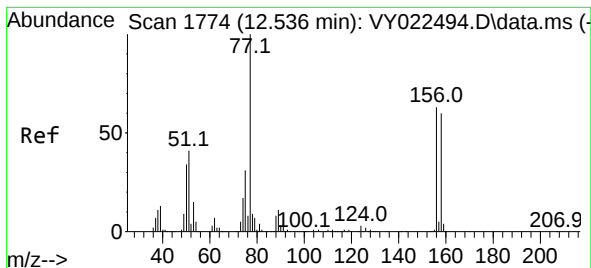


#76
 1,2,3-Trichloropropane
 Concen: 44.903 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022638.D
 Acq: 10 Jun 2025 09:46



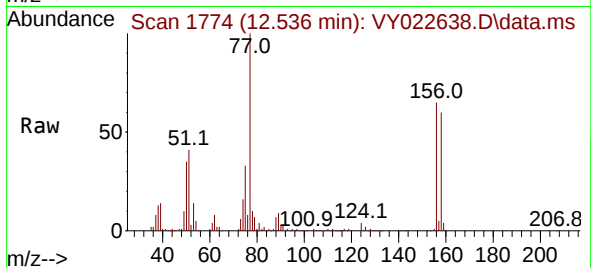
Tgt Ion: 75 Resp: 54641
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.926 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

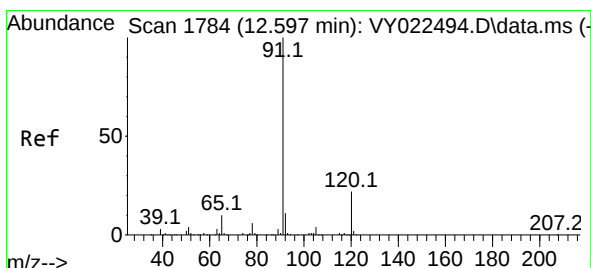
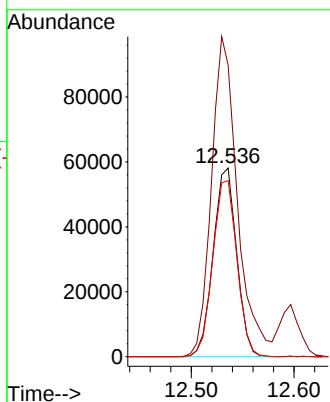
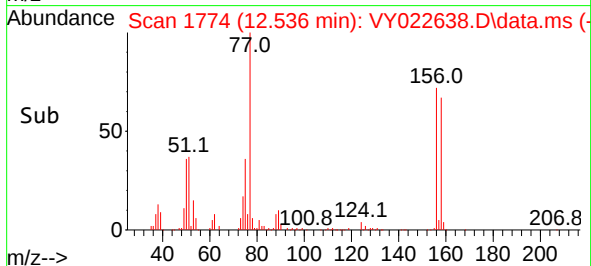
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 92000
Ion Ratio Lower Upper
156 100
77 188.0 94.0 282.1
158 95.9 48.2 144.6

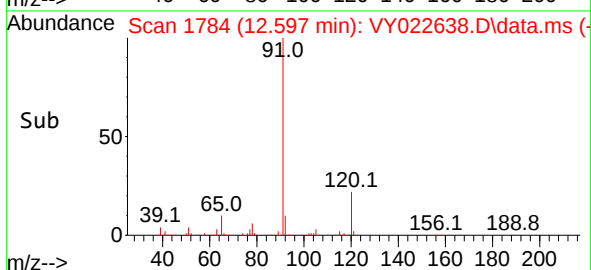
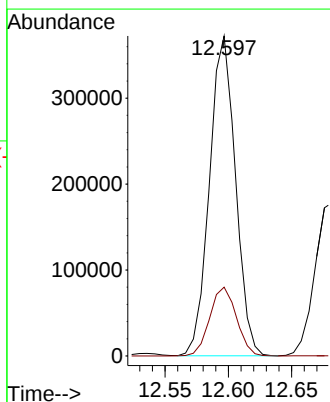
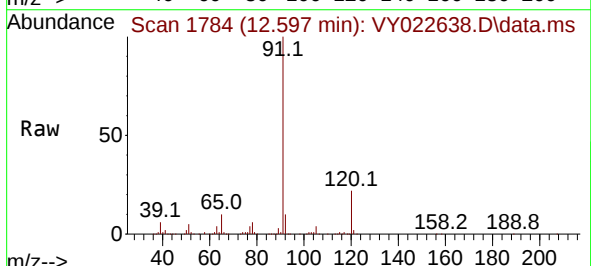
Manual Integrations
APPROVED

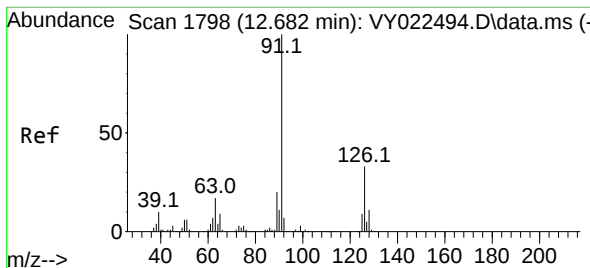
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#78
n-propylbenzene
Concen: 49.896 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion: 91 Resp: 532182
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





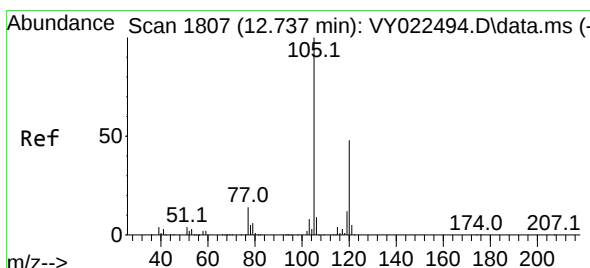
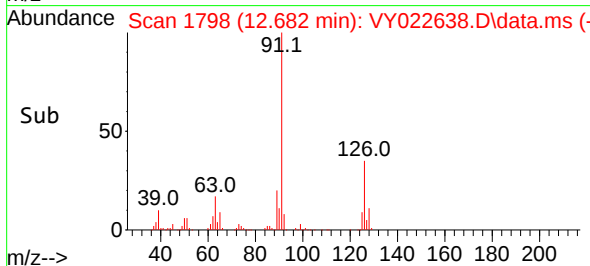
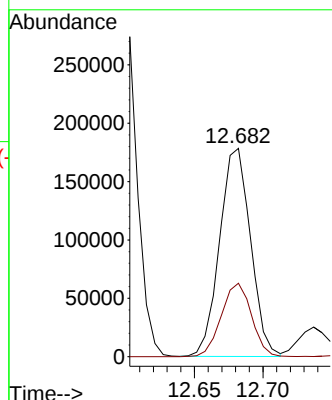
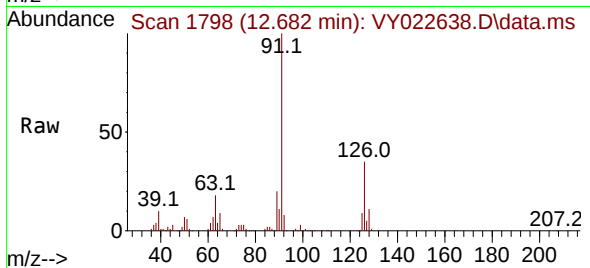
#79
2-Chlorotoluene
Concen: 49.593 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28034
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

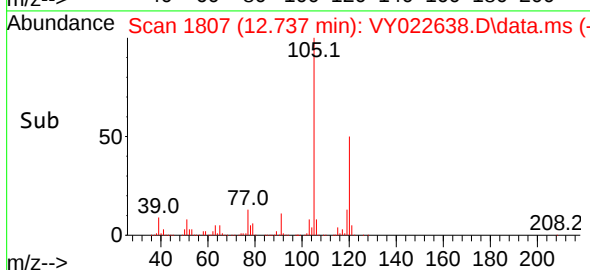
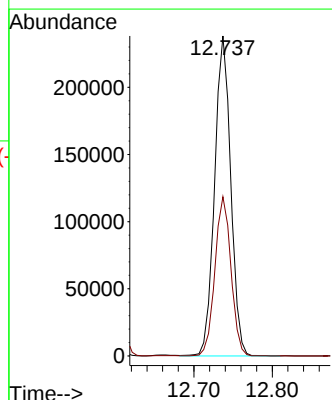
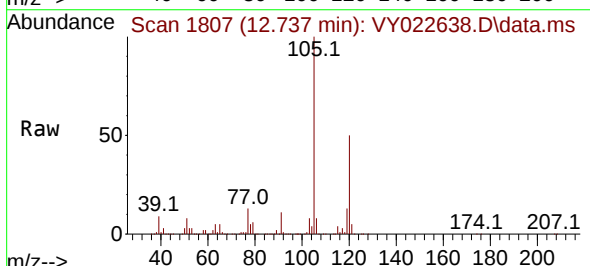
Manual Integrations
APPROVED

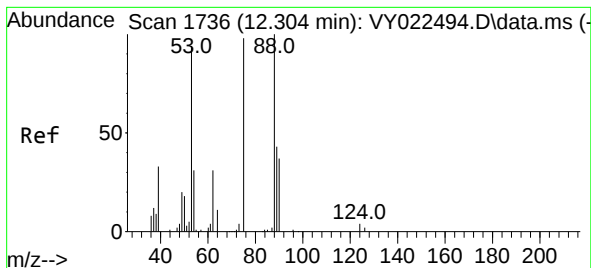
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.743 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion:105 Resp: 341028
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.4





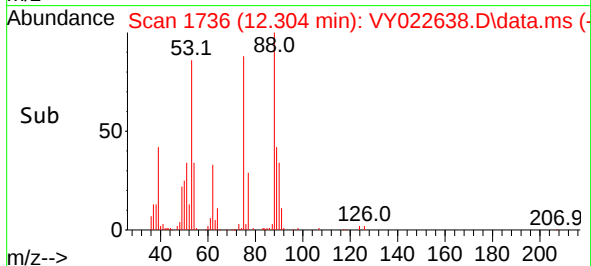
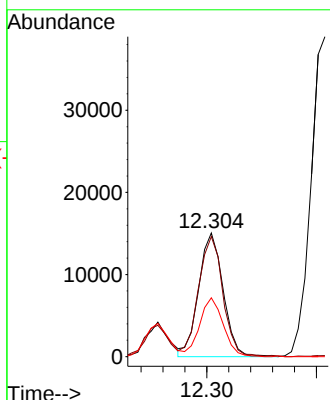
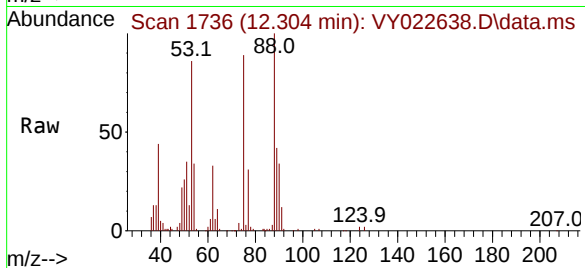
#81
trans-1,4-Dichloro-2-butene
Concen: 46.284 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2332
Ion Ratio Lower Upper
75 100
53 97.1 78.5 117.7
89 45.5 35.7 53.5

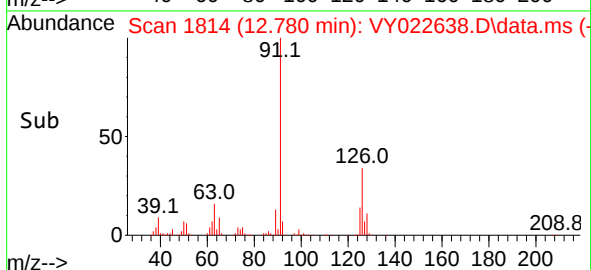
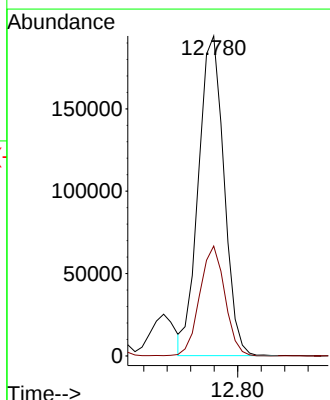
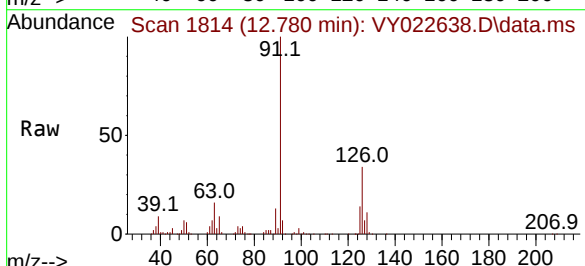
Manual Integrations
APPROVED

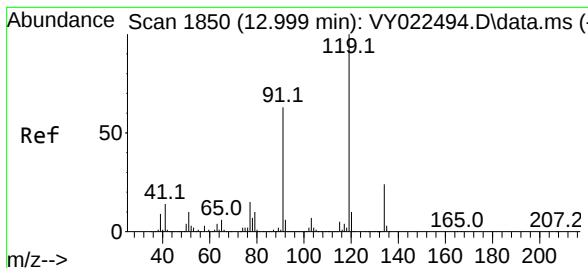
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#82
4-Chlorotoluene
Concen: 50.226 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

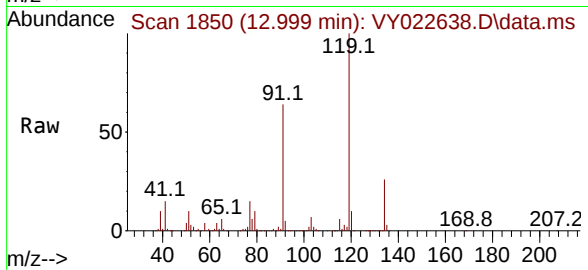
Tgt Ion: 91 Resp: 292896
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 50.032 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

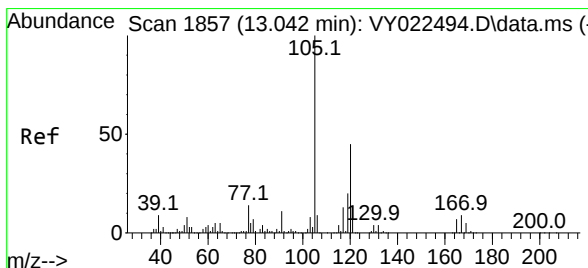
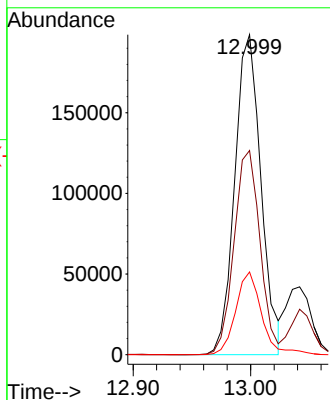
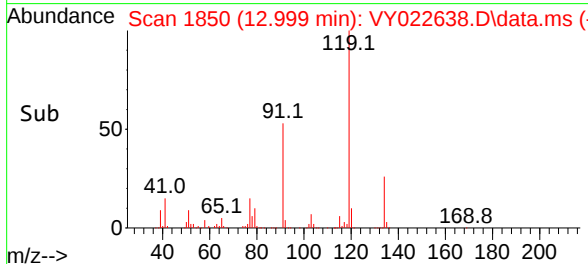
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



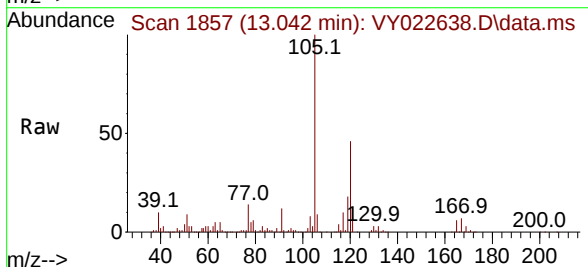
Tgt Ion:119 Resp: 307850
Ion Ratio Lower Upper
119 100
91 63.3 32.1 96.3
134 25.7 13.0 38.9

Manual Integrations
APPROVED

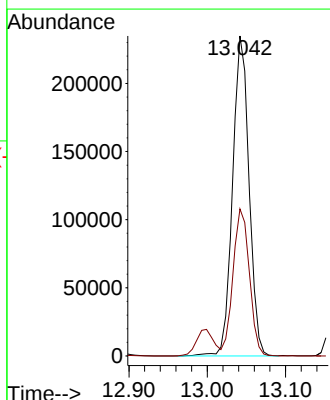
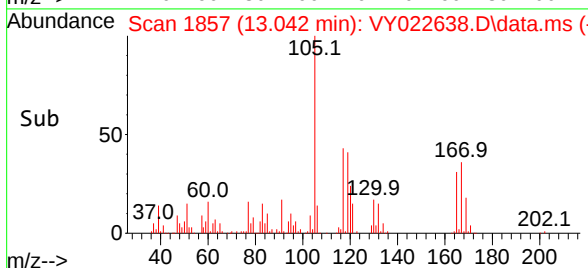
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

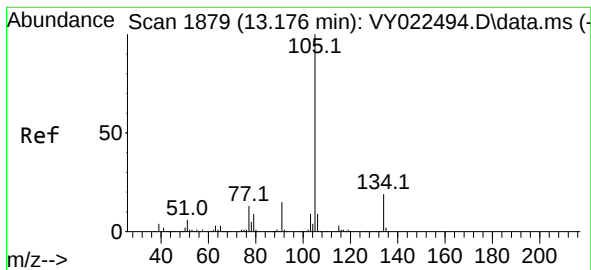


#84
1,2,4-Trimethylbenzene
Concen: 49.801 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



Tgt Ion:105 Resp: 341482
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1





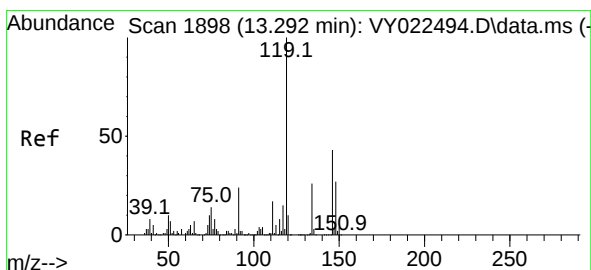
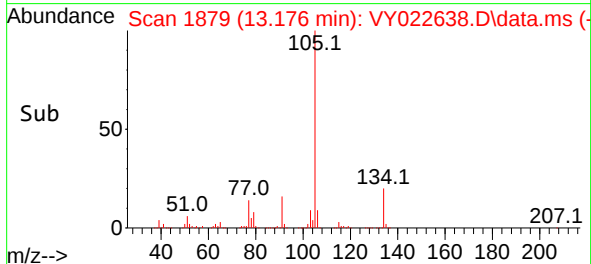
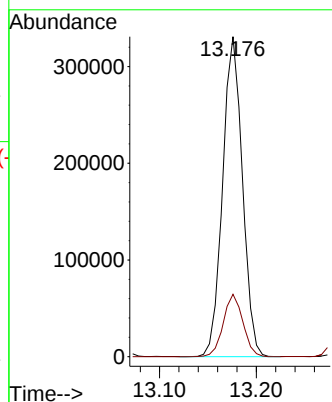
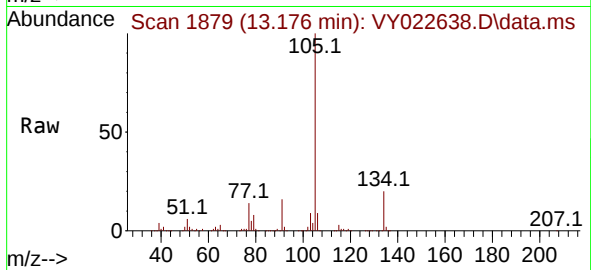
#85
sec-Butylbenzene
Concen: 49.813 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 46943
Ion Ratio Lower Upper
105 100
134 19.3 9.7 28.9

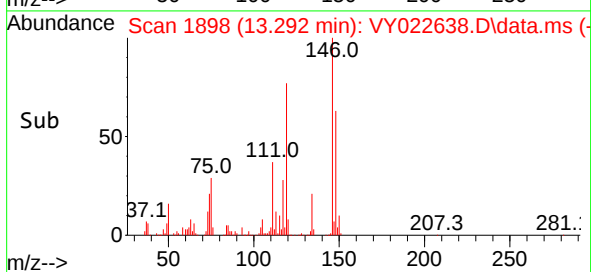
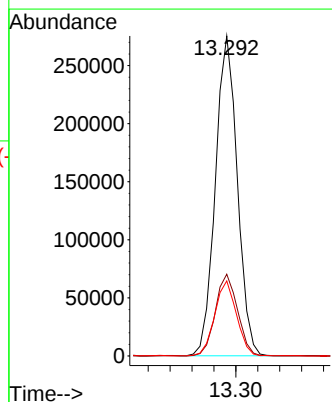
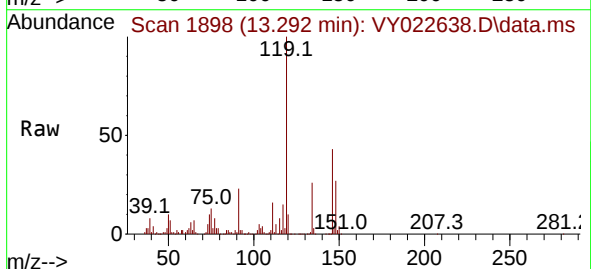
Manual Integrations
APPROVED

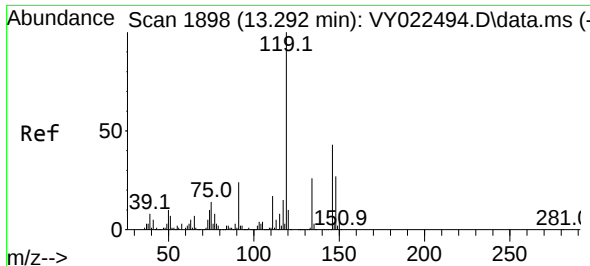
Reviewed By :John Carbone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#86
p-Isopropyltoluene
Concen: 49.302 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

Tgt Ion:119 Resp: 382970
Ion Ratio Lower Upper
119 100
134 25.9 13.1 39.1
91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.181 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022638.D

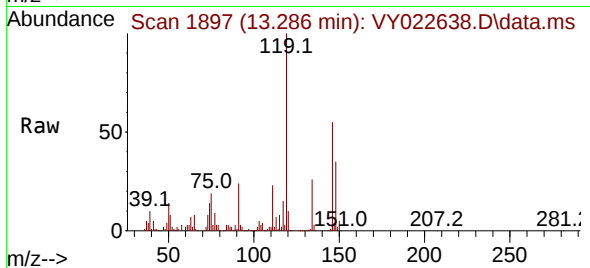
Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 187358

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

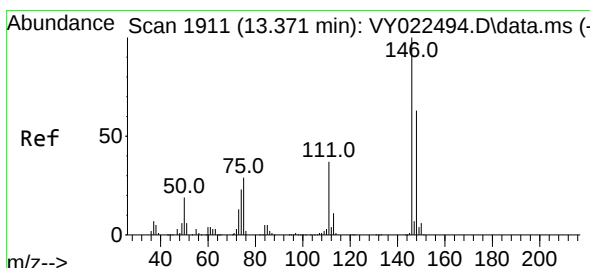
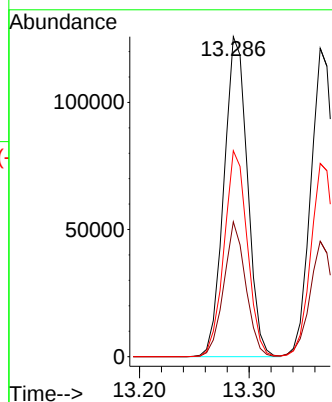
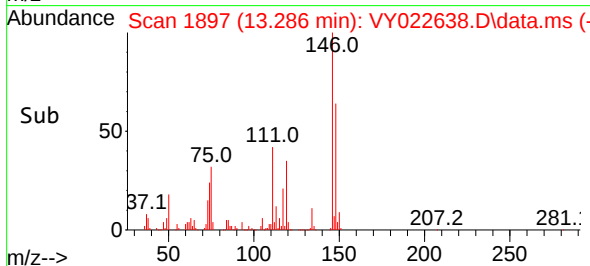
148 63.5 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#88

1,4-Dichlorobenzene

Concen: 50.647 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

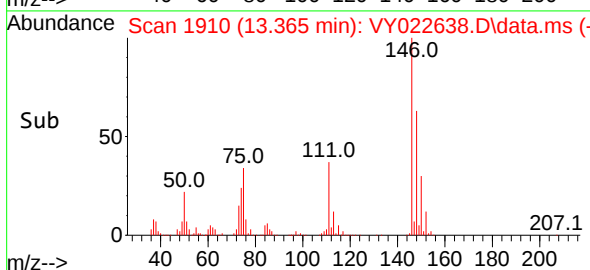
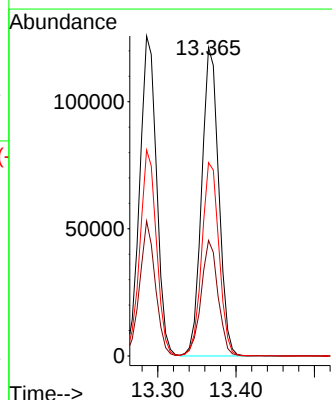
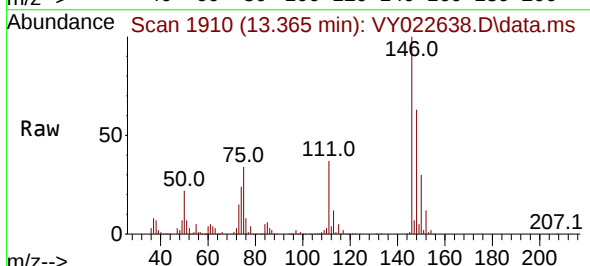
Tgt Ion:146 Resp: 183407

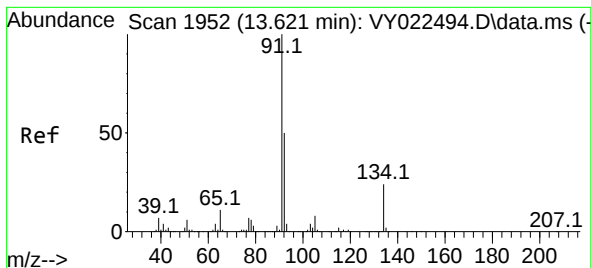
Ion Ratio Lower Upper

146 100

111 37.3 19.4 58.2

148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 50.915 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

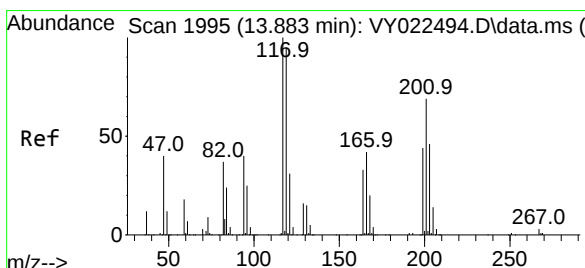
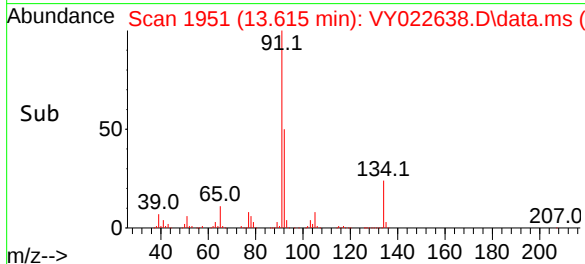
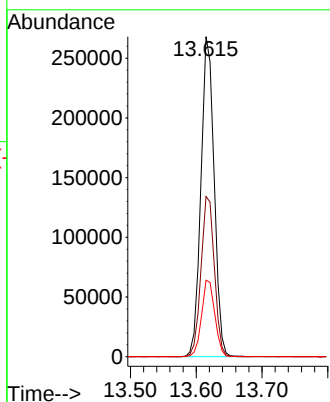
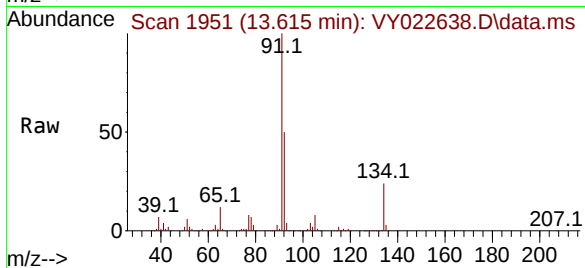
Tgt Ion: 91 Resp: 375235
 Ion Ratio Lower Upper
 91 100
 92 50.7 25.9 77.8
 134 24.0 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#90

Hexachloroethane

Concen: 50.207 ug/l

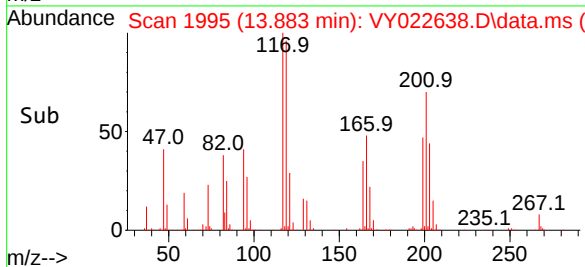
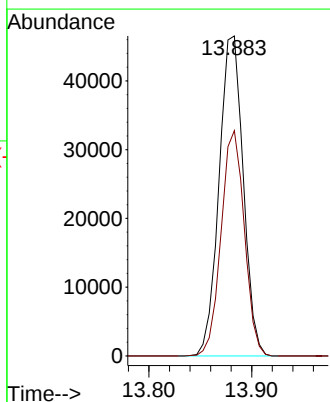
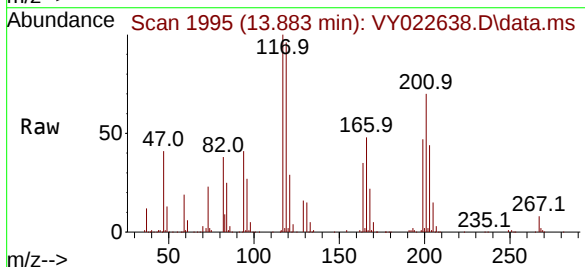
RT: 13.883 min Scan# 1995

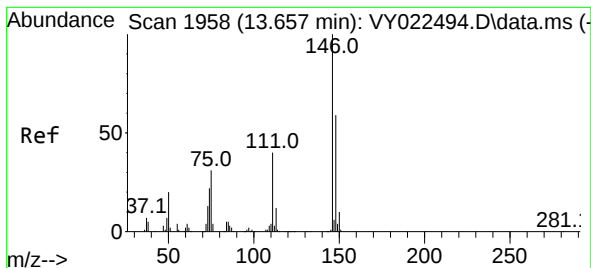
Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

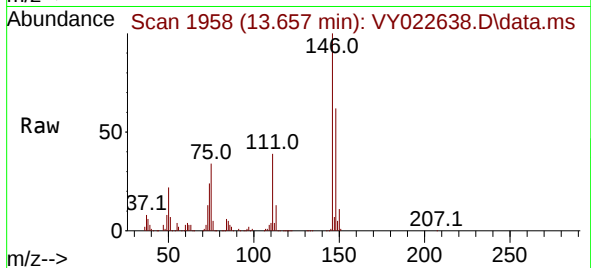
Tgt Ion:117 Resp: 75927
 Ion Ratio Lower Upper
 117 100
 201 67.7 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 50.014 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

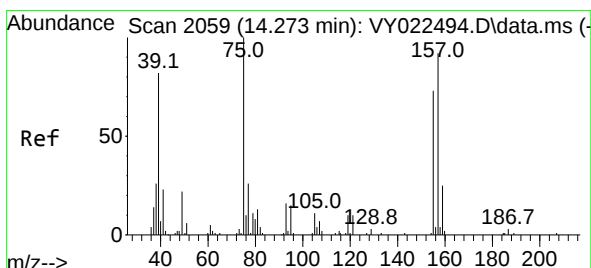
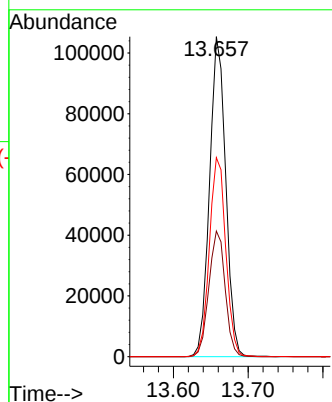
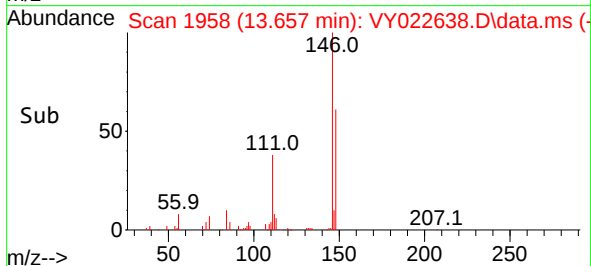
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



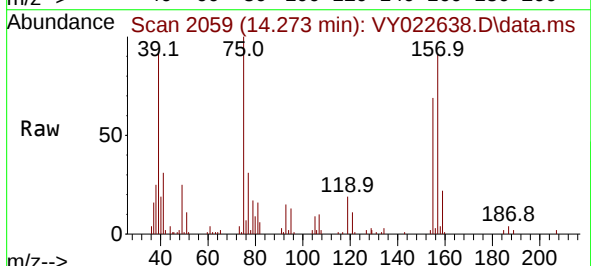
Tgt Ion:146 Resp: 15854
Ion Ratio Lower Upper
146 100
111 39.5 20.2 60.6
148 63.3 31.4 94.0

Manual Integrations
APPROVED

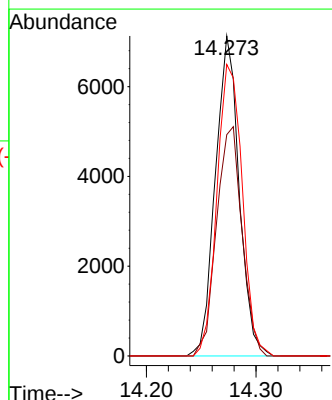
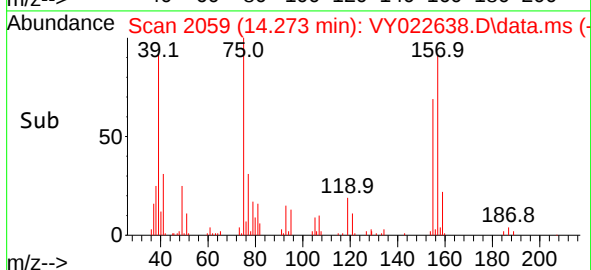
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

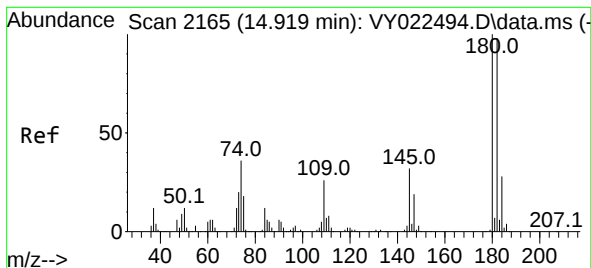


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.454 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



Tgt Ion: 75 Resp: 10737
Ion Ratio Lower Upper
75 100
155 76.9 39.9 119.6
157 96.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 49.965 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 8638

Ion Ratio Lower Upper

180 100

182 96.8 48.4 145.3

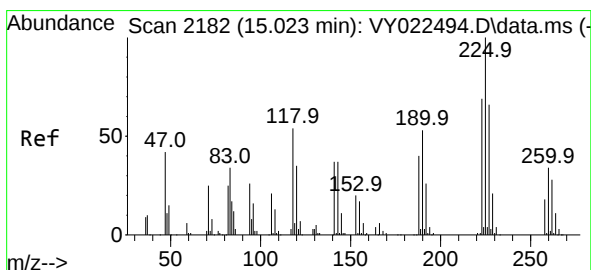
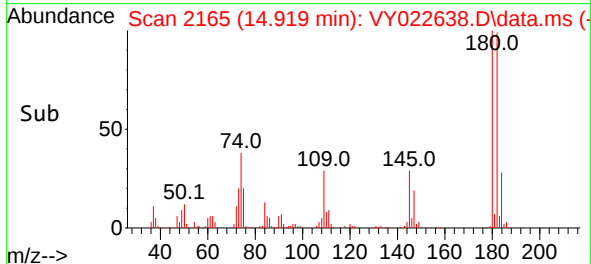
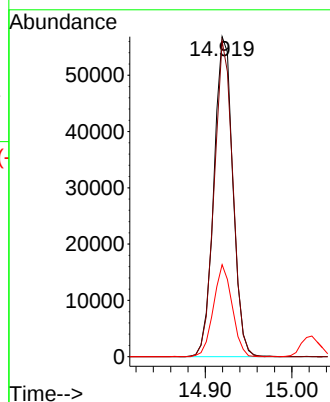
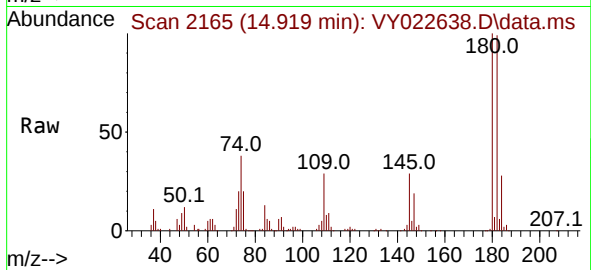
145 28.3 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#94

Hexachlorobutadiene

Concen: 50.133 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022638.D

Acq: 10 Jun 2025 09:46

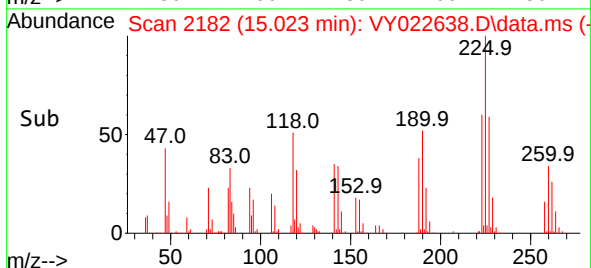
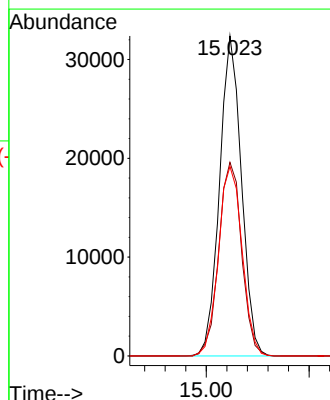
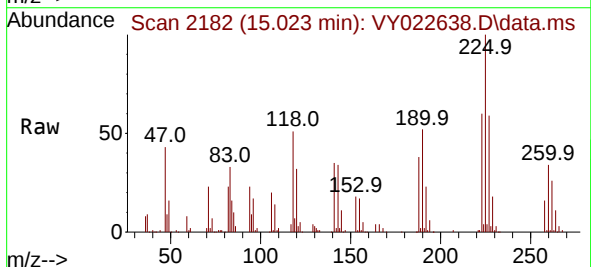
Tgt Ion:225 Resp: 47839

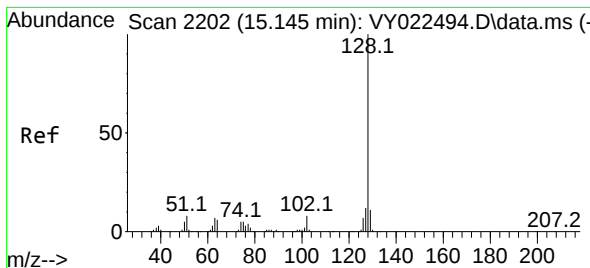
Ion Ratio Lower Upper

225 100

223 63.3 32.5 97.4

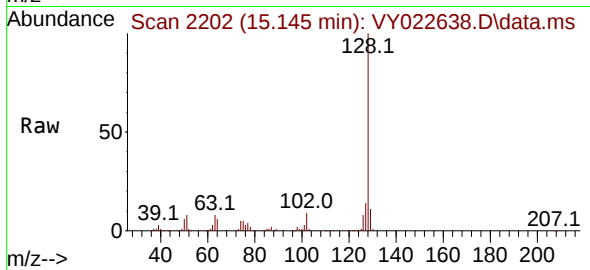
227 63.7 32.3 96.9





#95
Naphthalene
Concen: 48.120 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46

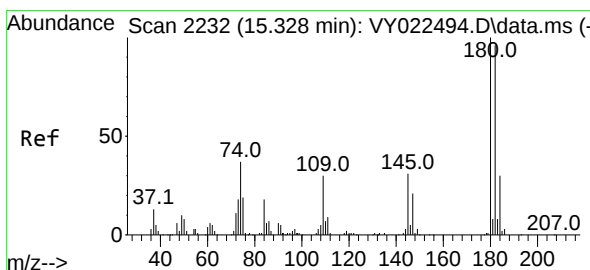
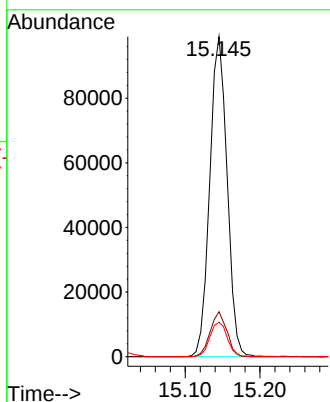
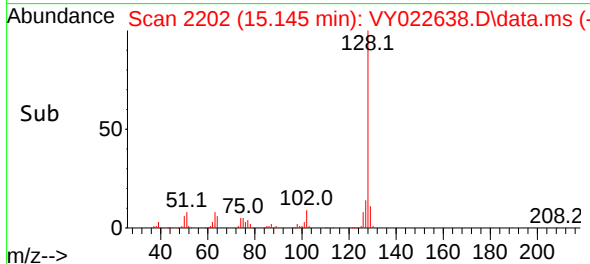
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



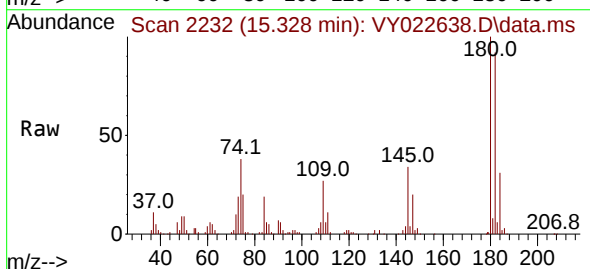
Tgt Ion:128 Resp: 159650
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.889 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022638.D
Acq: 10 Jun 2025 09:46



Tgt Ion:180 Resp: 72438
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.3
145 32.6 15.2 45.6

