

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022740.D
 Acq On : 18 Jun 2025 16:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 19 04:02:14 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	7.707	168	129152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	226392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	196686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	97027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	80631	55.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.640%	
35) Dibromofluoromethane	7.634	113	75189	55.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.103	98	289793	53.075	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.401	95	85303	52.435	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50458	43.638	ug/l	97
3) Chloromethane	2.068	50	167045	48.901	ug/l	99
4) Vinyl Chloride	2.202	62	239351	60.399	ug/l	99
5) Bromomethane	2.592	94	194721	51.266	ug/l	98
6) Chloroethane	2.732	64	176704	64.965	ug/l	95
7) Trichlorofluoromethane	3.043	101	210052	62.438	ug/l	97
8) Diethyl Ether	3.452	74	41498	54.774	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	73798	52.085	ug/l	99
10) Methyl Iodide	4.000	142	78223	51.015	ug/l	99
11) Tert butyl alcohol	4.866	59	31008	300.551	ug/l	95
12) 1,1-Dichloroethene	3.793	96	71189	52.562	ug/l	93
13) Acrolein	3.653	56	10393	80.831	ug/l	98
14) Allyl chloride	4.378	41	107576	50.596	ug/l	98
15) Acrylonitrile	5.061	53	96121	299.570	ug/l	98
16) Acetone	3.872	43	74236	253.058	ug/l	95
17) Carbon Disulfide	4.104	76	206980	47.734	ug/l	100
18) Methyl Acetate	4.385	43	60941	70.152	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	214525	56.236	ug/l	99
20) Methylene Chloride	4.610	84	86576	51.955	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	81369	53.680	ug/l	92
22) Diisopropyl ether	6.018	45	254701	53.818	ug/l	99
23) Vinyl Acetate	5.957	43	733219	261.757	ug/l	98
24) 1,1-Dichloroethane	5.915	63	157202	56.384	ug/l	100
25) 2-Butanone	6.890	43	121989	288.289	ug/l	95
26) 2,2-Dichloropropane	6.878	77	126182	51.222	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	97124	55.435	ug/l	99
28) Bromochloromethane	7.238	49	66869	55.020	ug/l	97
29) Tetrahydrofuran	7.262	42	78695	288.346	ug/l	97
30) Chloroform	7.421	83	157531	57.044	ug/l	96
31) Cyclohexane	7.695	56	130427	46.989	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	136343	55.616	ug/l	99
36) 1,1-Dichloropropene	7.835	75	111801	50.978	ug/l	99
37) Ethyl Acetate	6.982	43	53020	54.211	ug/l	100
38) Carbon Tetrachloride	7.817	117	118342	52.600	ug/l	99
39) Methylcyclohexane	9.109	83	140602	47.706	ug/l	98
40) Benzene	8.079	78	350183	54.060	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	32630	57.118	ug/l	96
42) 1,2-Dichloroethane	8.152	62	97918	55.362	ug/l	99
43) Isopropyl Acetate	8.195	43	114326	54.124	ug/l	99
44) Trichloroethene	8.865	130	84880	53.614	ug/l	96
45) 1,2-Dichloropropane	9.140	63	84611	55.269	ug/l	95
46) Dibromomethane	9.225	93	48843	56.711	ug/l	99
47) Bromodichloromethane	9.420	83	124111	56.832	ug/l	97
48) Methyl methacrylate	9.219	41	52957	53.419	ug/l	94
49) 1,4-Dioxane	9.231	88	12329	1208.332	ug/l	90
51) 4-Methyl-2-Pentanone	9.993	43	303438	288.133	ug/l	96
52) Toluene	10.170	92	217903	53.529	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	112920	55.186	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	129768	54.481	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	64392	58.634	ug/l	97
56) Ethyl methacrylate	10.438	69	88367	55.672	ug/l	97
57) 1,3-Dichloropropane	10.713	76	109774	56.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	221982	308.028	ug/l	99
59) 2-Hexanone	10.755	43	204609	290.507	ug/l	97
60) Dibromochloromethane	10.908	129	79175	56.731	ug/l	98
61) 1,2-Dibromoethane	11.011	107	57783	57.728	ug/l	96
64) Tetrachloroethene	10.646	164	88960	52.579	ug/l	94
65) Chlorobenzene	11.438	112	229931	52.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	80640	54.999	ug/l	100
67) Ethyl Benzene	11.517	91	422611	52.350	ug/l	97
68) m/p-Xylenes	11.627	106	322447	105.364	ug/l	98
69) o-Xylene	11.950	106	151242	52.711	ug/l	100
70) Styrene	11.969	104	257732	54.341	ug/l	99
71) Bromoform	12.127	173	43300	55.496	ug/l #	96
73) Isopropylbenzene	12.249	105	395615	49.664	ug/l	99
74) N-amyl acetate	12.066	43	102247	50.870	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	72717	55.619	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	96579	87.006	ug/l #	100
77) Bromobenzene	12.529	156	87475	52.037	ug/l	98
78) n-propylbenzene	12.590	91	484729	49.821	ug/l	99
79) 2-Chlorotoluene	12.676	91	258376	50.105	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	317519	50.771	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22088	48.054	ug/l	97
82) 4-Chlorotoluene	12.773	91	267750	50.332	ug/l	98
83) tert-Butylbenzene	12.993	119	286649	51.069	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	315614	50.458	ug/l	98
85) sec-Butylbenzene	13.170	105	440384	51.228	ug/l	100
86) p-Isopropyltoluene	13.285	119	363702	51.327	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	178428	52.389	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	172223	52.135	ug/l	99
89) n-Butylbenzene	13.615	91	344138	51.189	ug/l	100
90) Hexachloroethane	13.877	117	72118	52.278	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	151254	52.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11410	59.942	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	86063	54.570	ug/l	97
94) Hexachlorobutadiene	15.017	225	47200	54.224	ug/l	96
95) Naphthalene	15.139	128	181611	60.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	76291	56.445	ug/l	98

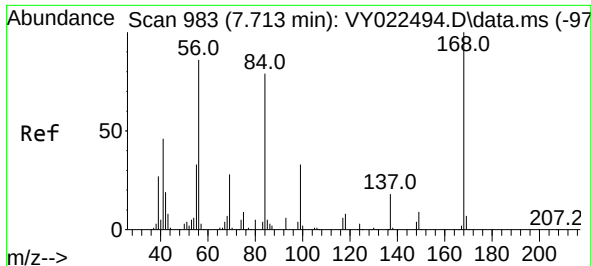
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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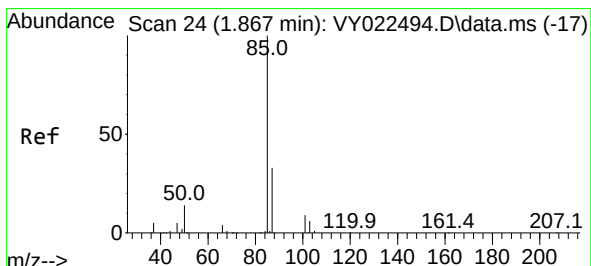
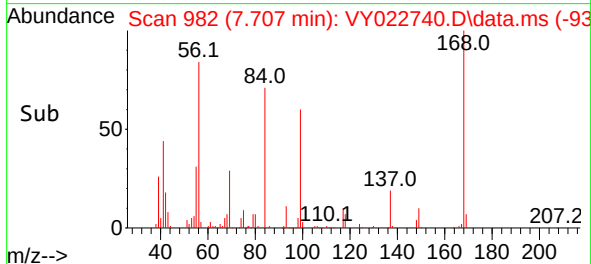
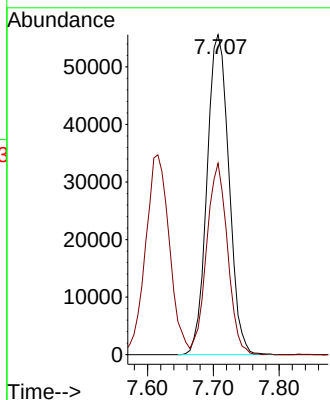
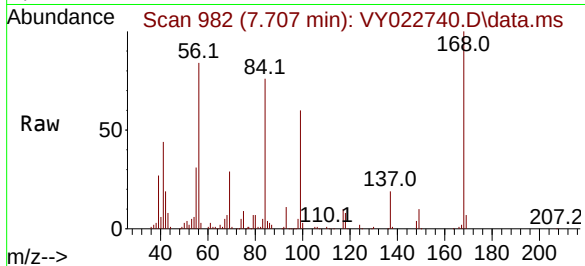
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

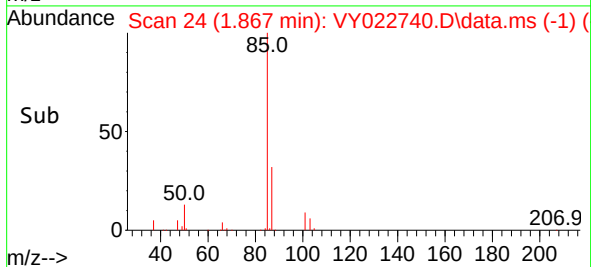
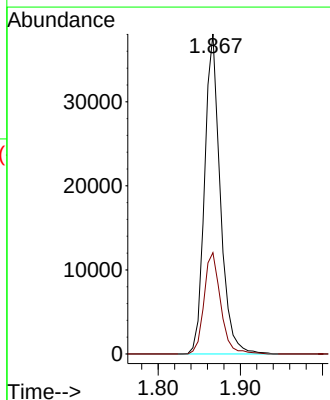
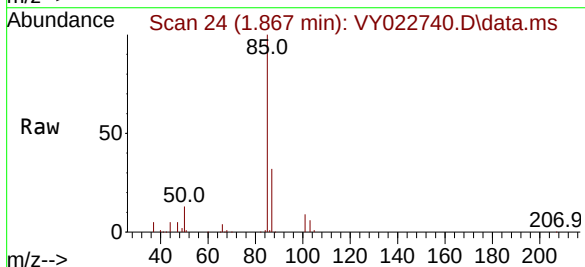
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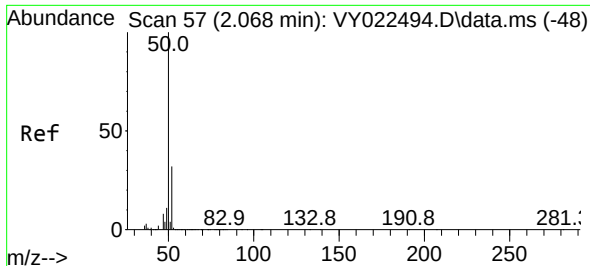
Tgt Ion:168 Resp: 129152
Ion Ratio Lower Upper
168 100
99 59.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.638 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 85 Resp: 50458
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0

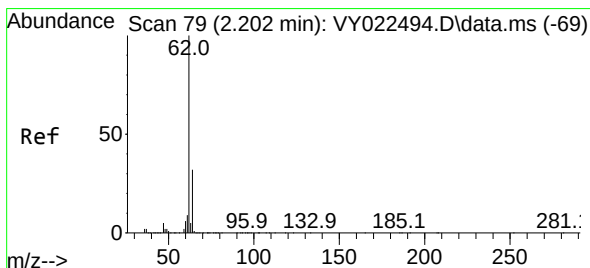
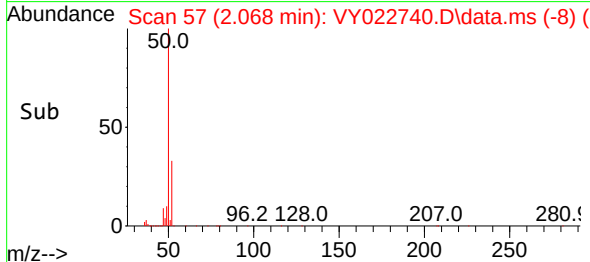
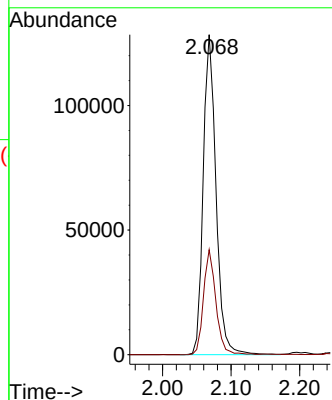
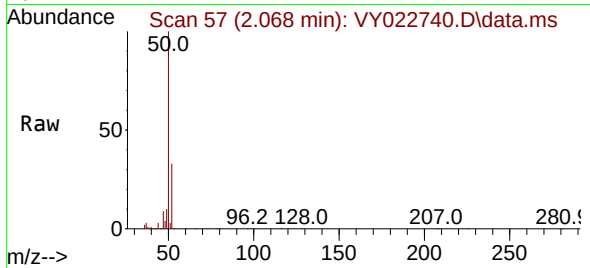




#3
Chloromethane
Concen: 48.901 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

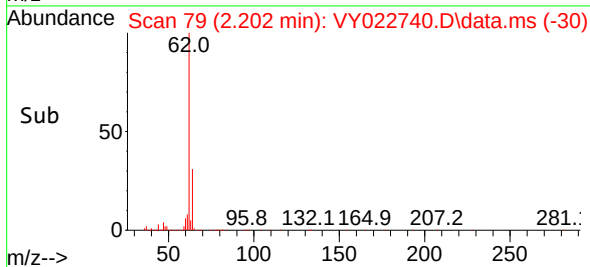
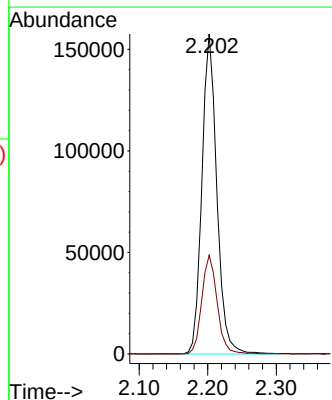
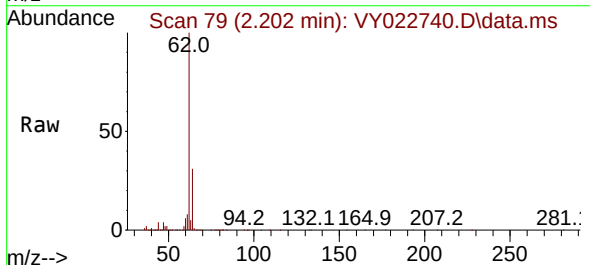
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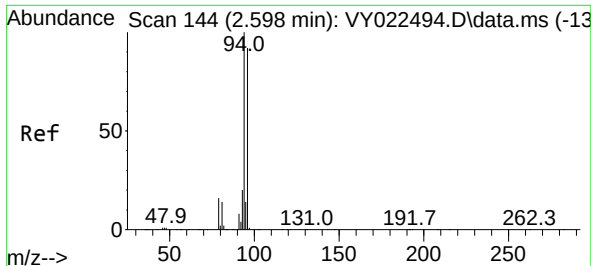
Tgt Ion: 50 Resp: 167045
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 60.399 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 62 Resp: 239351
Ion Ratio Lower Upper
62 100
64 30.8 25.3 37.9

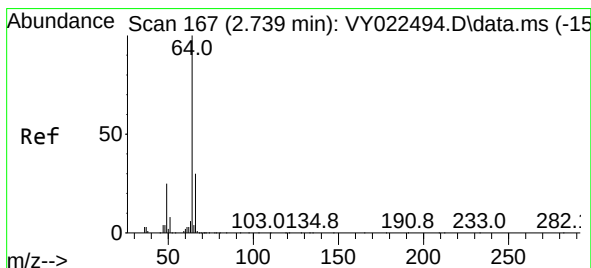
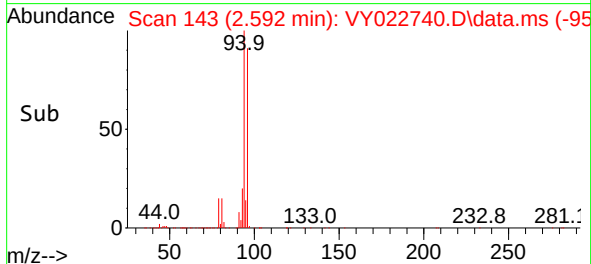
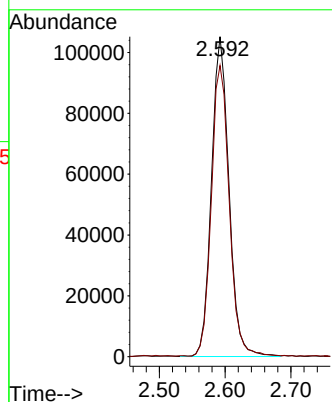
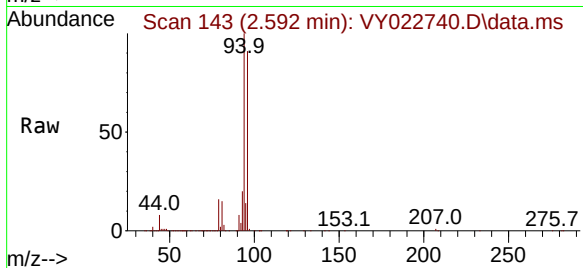




#5
Bromomethane
Concen: 51.266 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

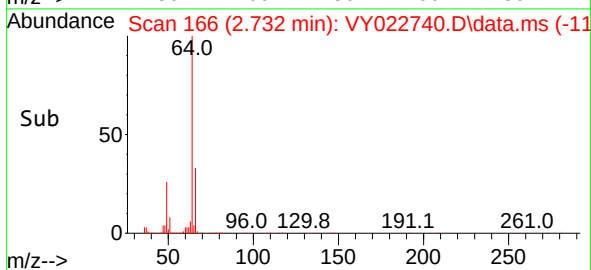
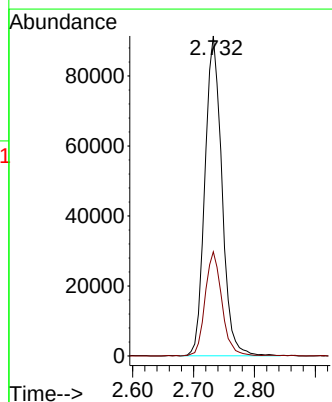
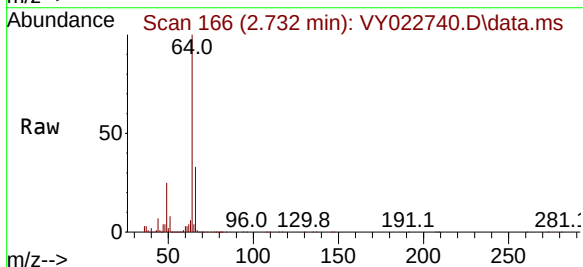
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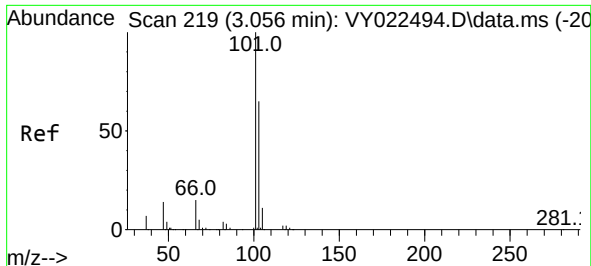
Tgt Ion: 94 Resp: 194721
Ion Ratio Lower Upper
94 100
96 90.8 74.0 111.0



#6
Chloroethane
Concen: 64.965 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 64 Resp: 176704
Ion Ratio Lower Upper
64 100
66 32.6 23.8 35.6

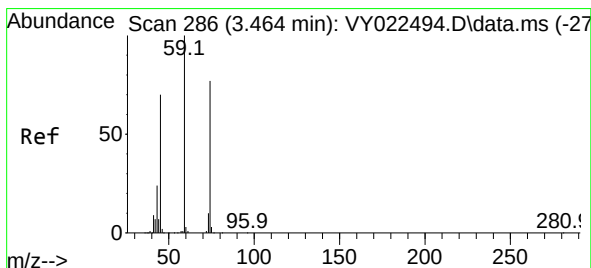
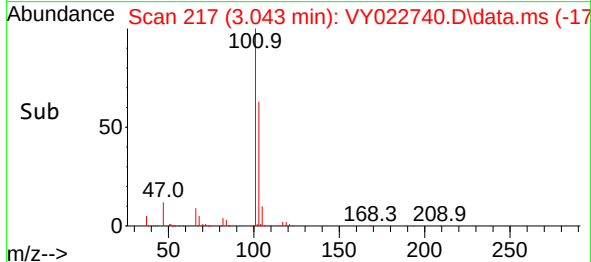
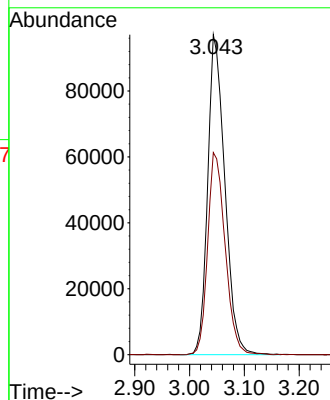
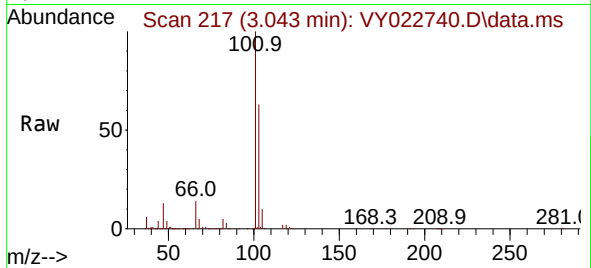




#7
 Trichlorofluoromethane
 Concen: 62.438 ug/l
 RT: 3.043 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

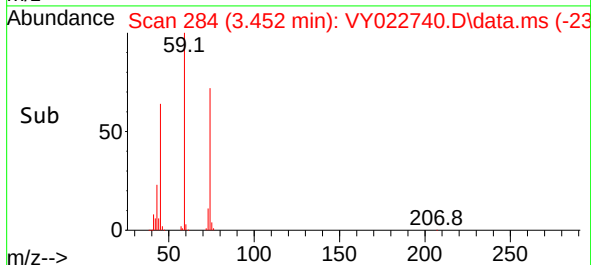
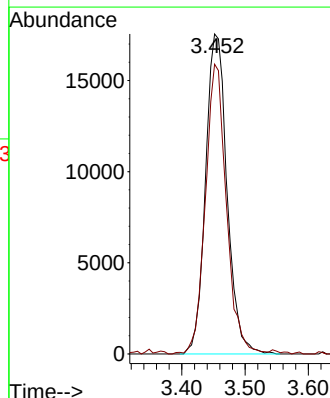
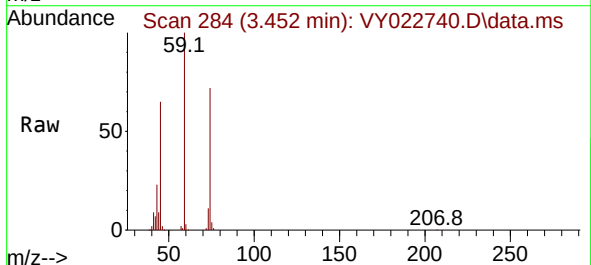
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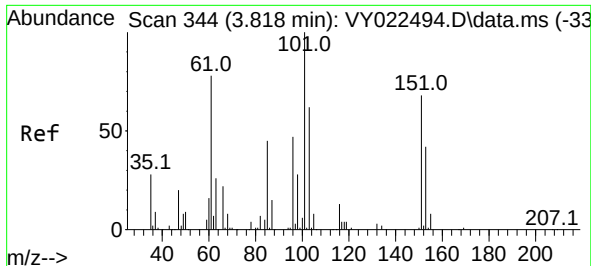
Tgt Ion:101 Resp: 210052
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 54.774 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

Tgt Ion: 74 Resp: 41498
 Ion Ratio Lower Upper
 74 100
 45 88.5 45.9 137.6

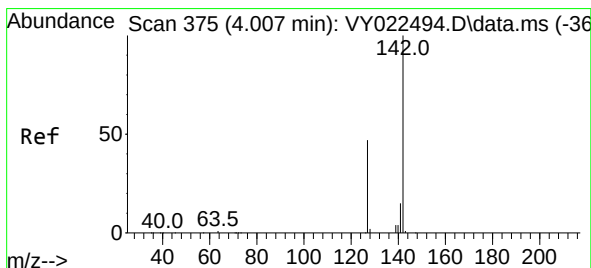
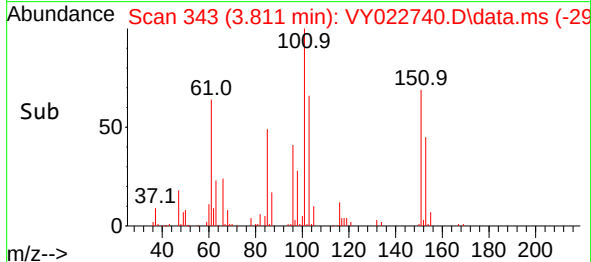
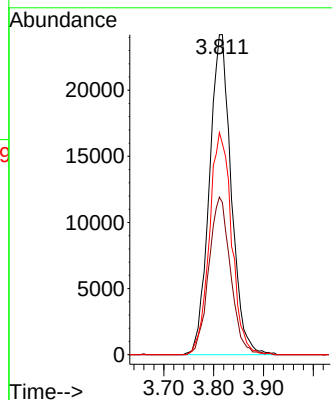
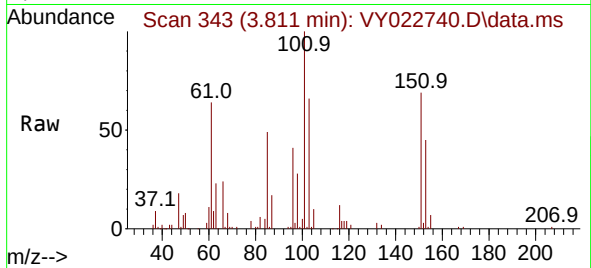




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.085 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022740.D
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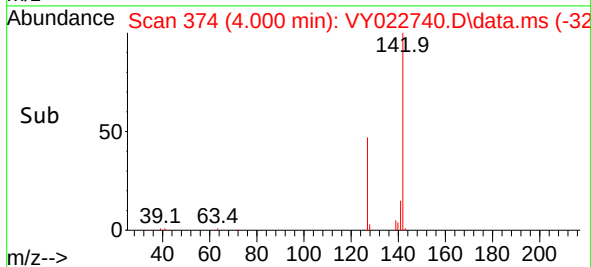
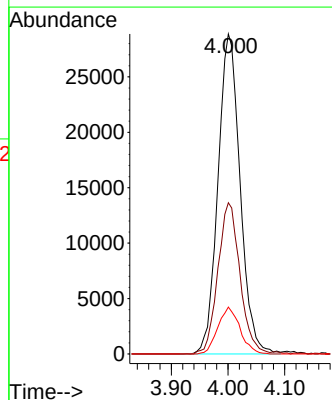
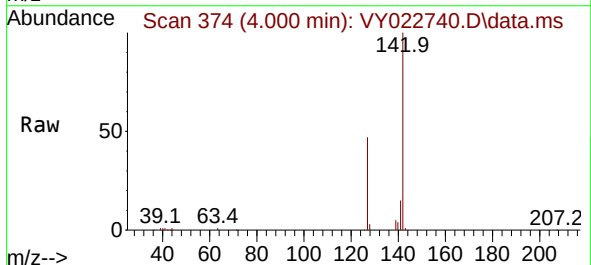
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ClientSampleId :
VSTDCCC050EC

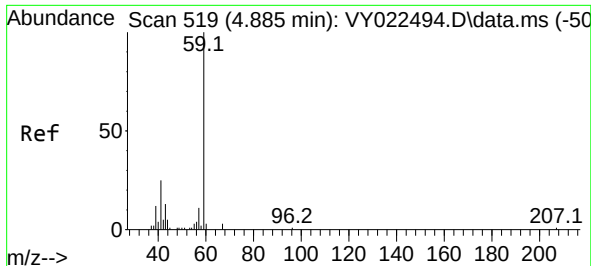
Tgt Ion:101 Resp: 73798
Ion Ratio Lower Upper
101 100
85 49.1 39.3 58.9
151 70.6 57.8 86.8



#10
Methyl Iodide
Concen: 51.015 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion:142 Resp: 78223
Ion Ratio Lower Upper
142 100
127 47.0 37.1 55.7
141 14.6 11.4 17.2

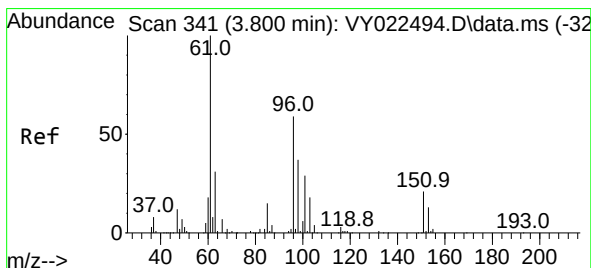
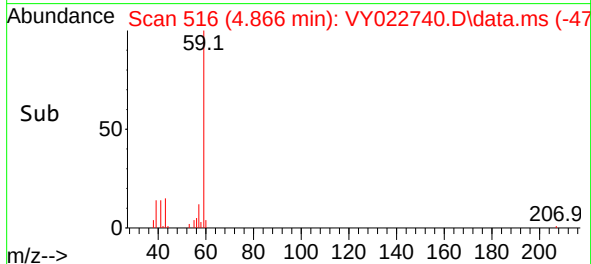
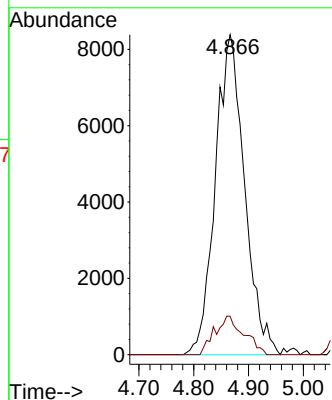
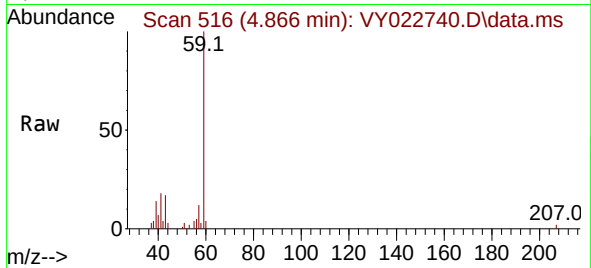




#11
Tert butyl alcohol
Concen: 300.551 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

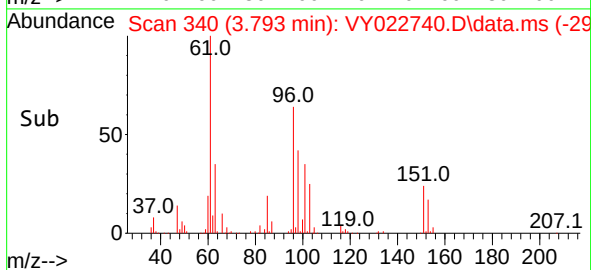
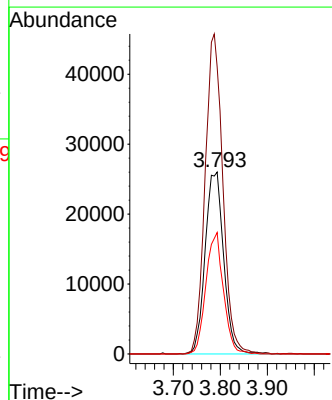
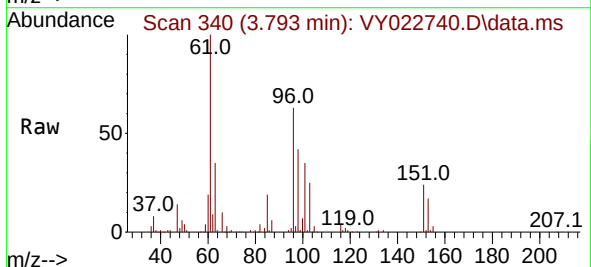
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

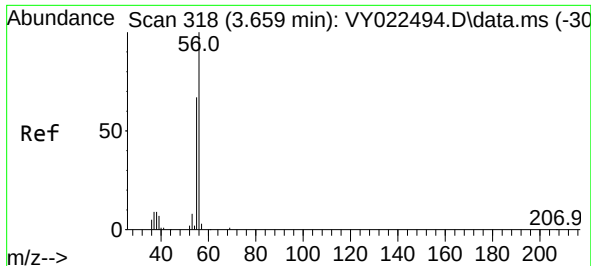
Tgt Ion: 59 Resp: 31008
Ion Ratio Lower Upper
59 100
57 12.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 52.562 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 96 Resp: 71189
Ion Ratio Lower Upper
96 100
61 157.7 134.6 201.8
98 66.7 50.2 75.4

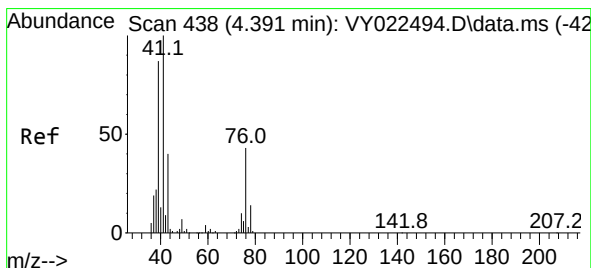
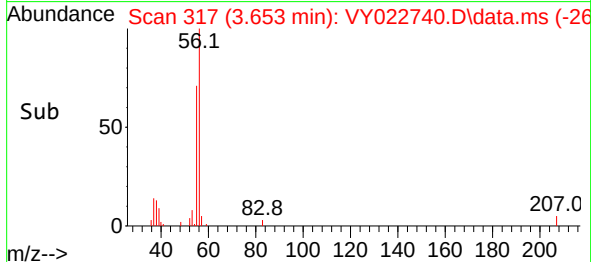
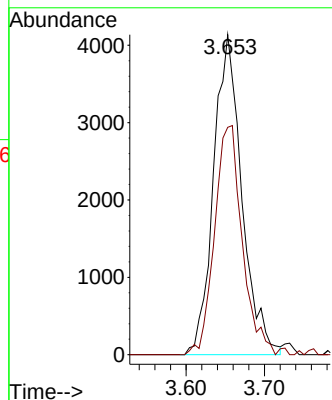
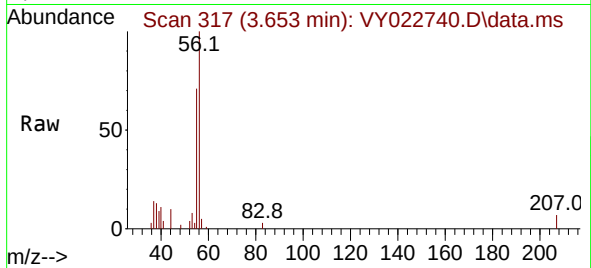




#13
Acrolein
Concen: 80.831 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

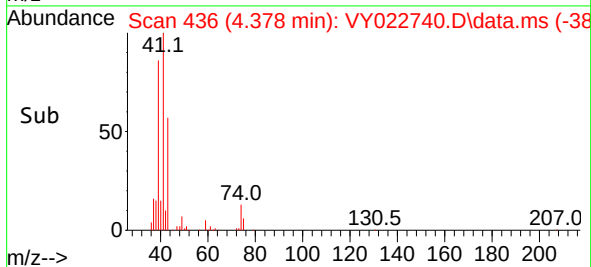
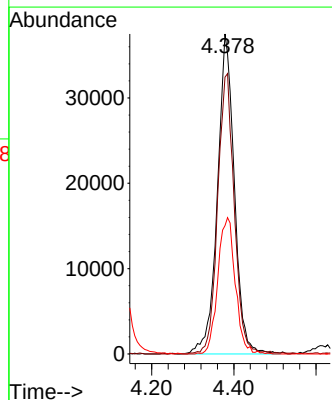
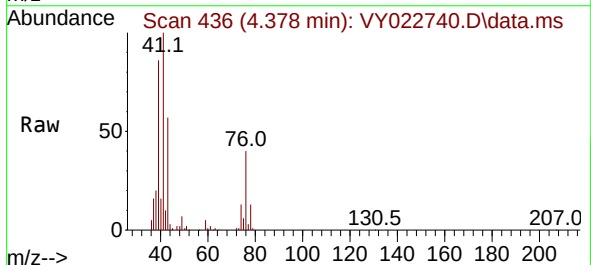
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

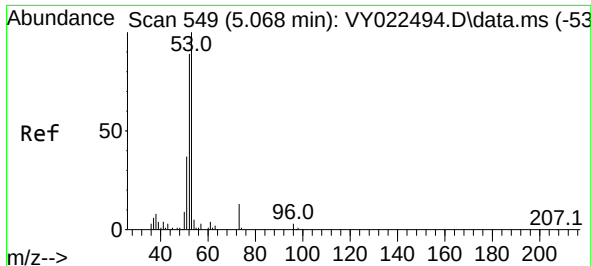
Tgt Ion: 56 Resp: 10393
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.6



#14
Allyl chloride
Concen: 50.596 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 41 Resp: 107576
Ion Ratio Lower Upper
41 100
39 85.4 69.1 103.7
76 43.6 33.5 50.3

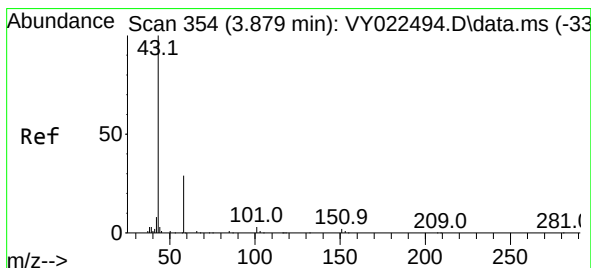
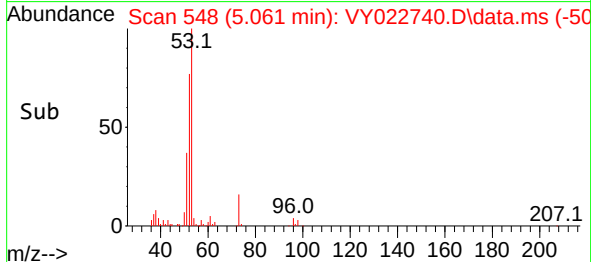
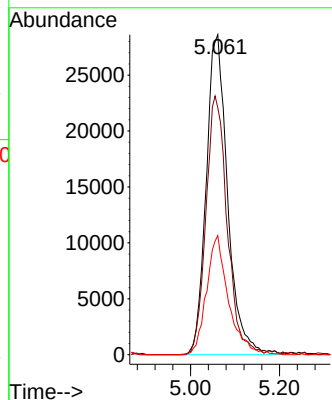
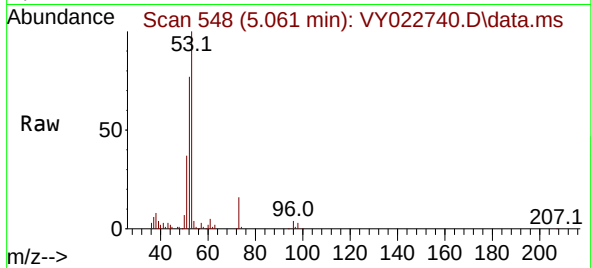




#15
Acrylonitrile
Concen: 299.570 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

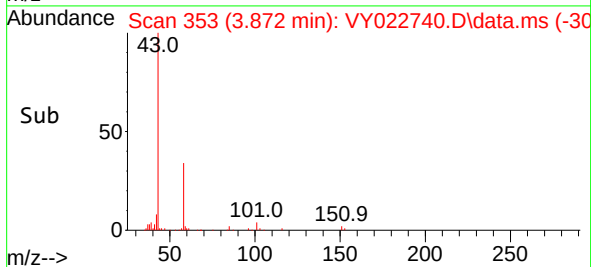
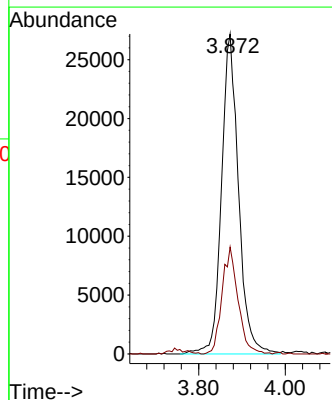
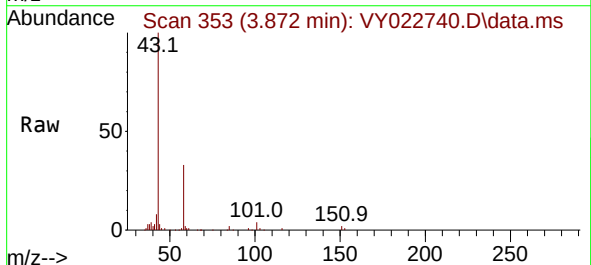
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

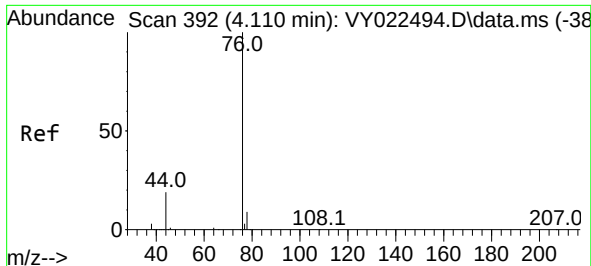
Tgt Ion: 53 Resp: 96121
Ion Ratio Lower Upper
53 100
52 80.2 65.7 98.5
51 38.1 30.1 45.1



#16
Acetone
Concen: 253.058 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 43 Resp: 74236
Ion Ratio Lower Upper
43 100
58 32.9 24.0 36.0

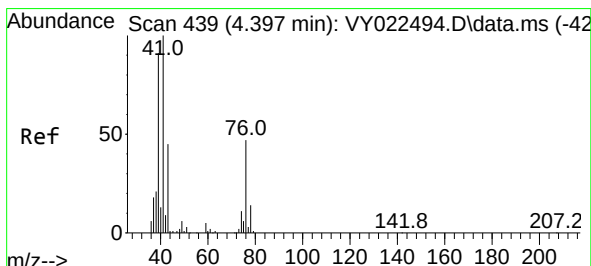
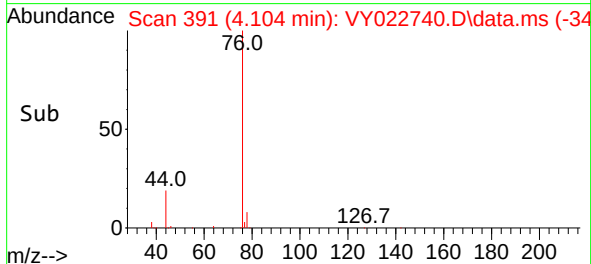
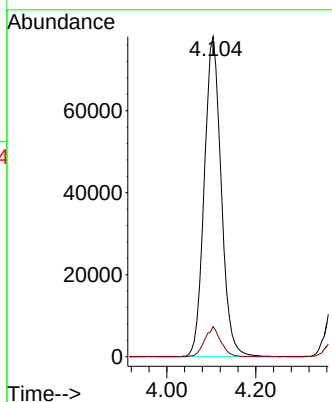
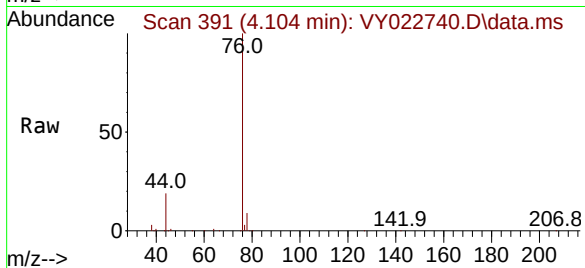




#17
Carbon Disulfide
Concen: 47.734 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

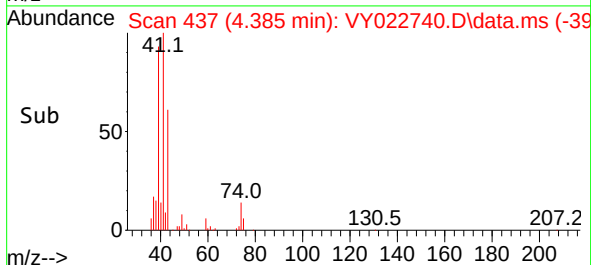
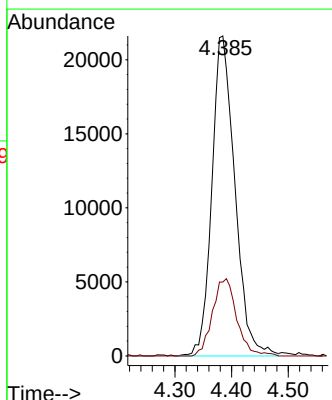
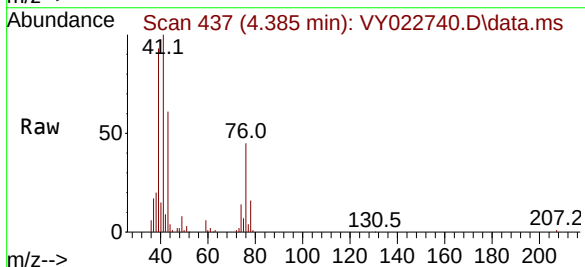
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

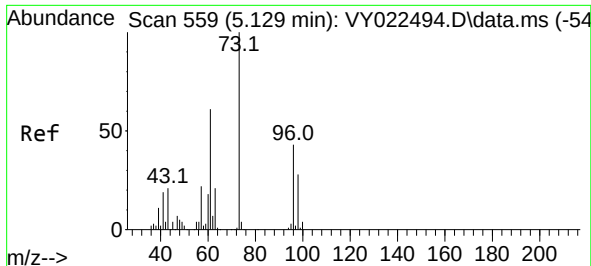
Tgt Ion: 76 Resp: 206980
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 70.152 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 43 Resp: 60941
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.6

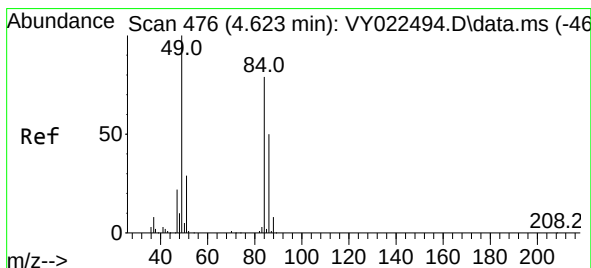
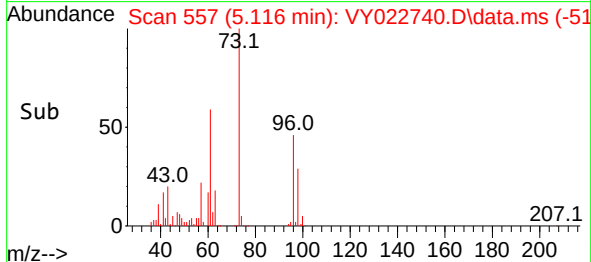
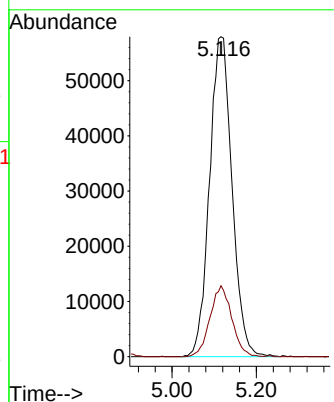
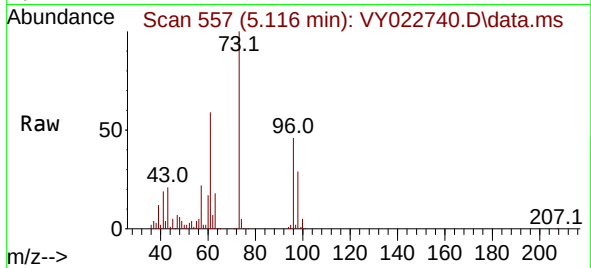




#19
Methyl tert-butyl Ether
Concen: 56.236 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

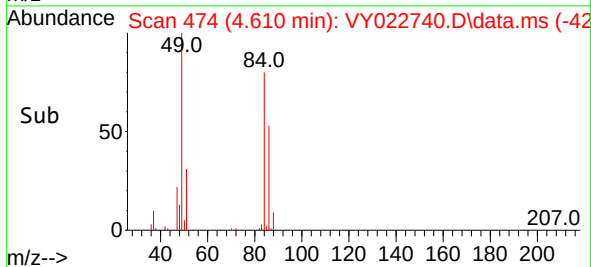
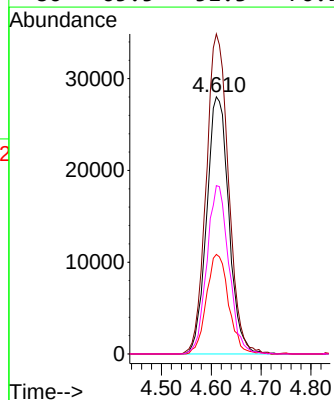
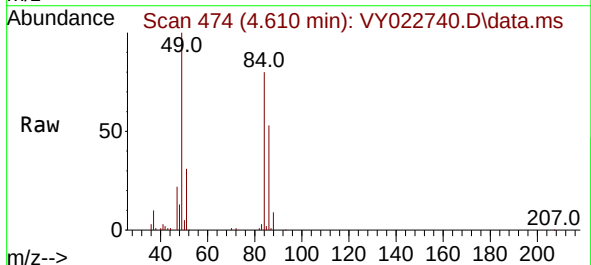
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

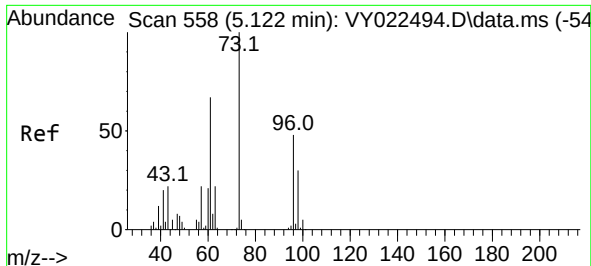
Tgt Ion: 73 Resp: 214525
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0



#20
Methylene Chloride
Concen: 51.955 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 84 Resp: 86576
Ion Ratio Lower Upper
84 100
49 124.4 101.9 152.9
51 38.7 29.8 44.8
86 65.5 51.3 76.9

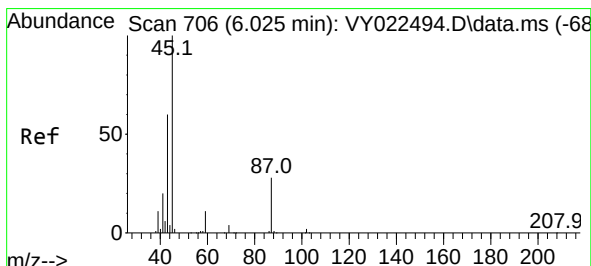
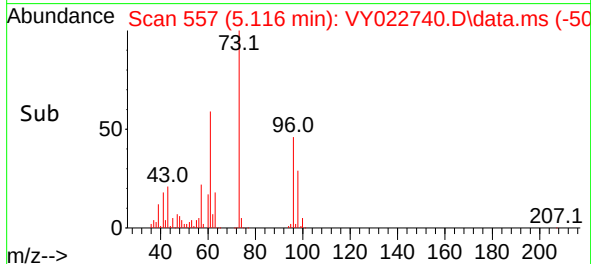
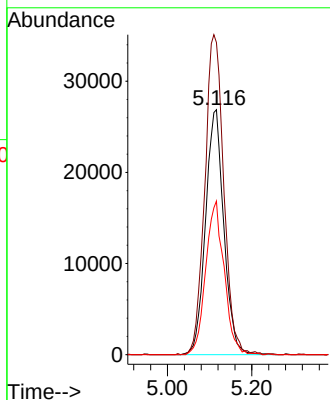
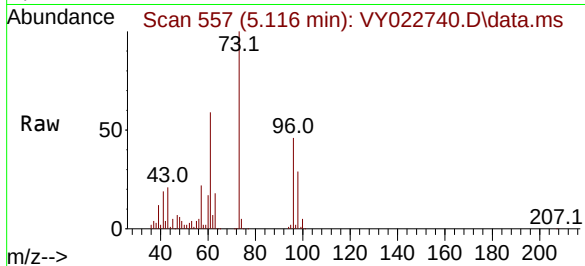




#21
trans-1,2-Dichloroethene
Concen: 53.680 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

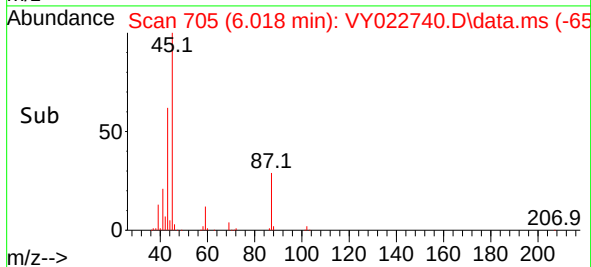
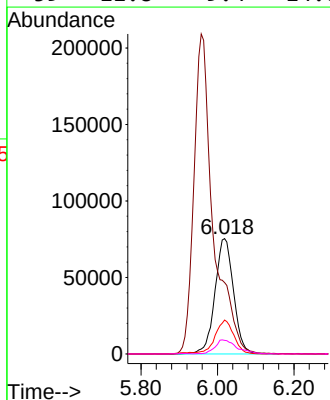
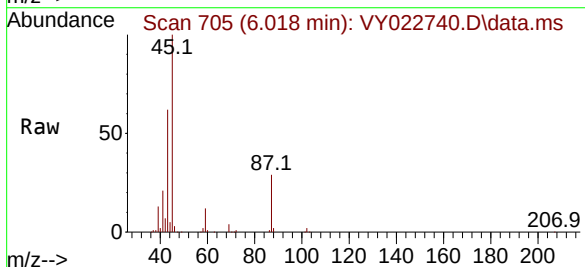
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

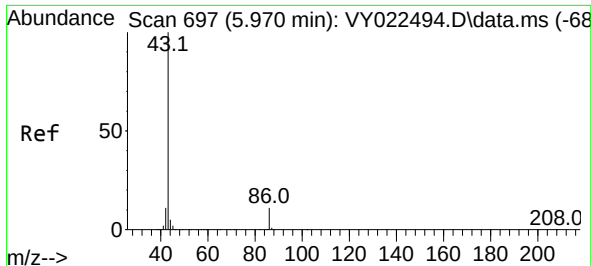
Tgt Ion: 96 Resp: 81369
Ion Ratio Lower Upper
96 100
61 127.4 112.6 169.0
98 62.7 50.6 75.8



#22
Diisopropyl ether
Concen: 53.818 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 45 Resp: 254701
Ion Ratio Lower Upper
45 100
43 61.5 48.3 72.5
87 29.4 23.0 34.6
59 11.8 9.4 14.0

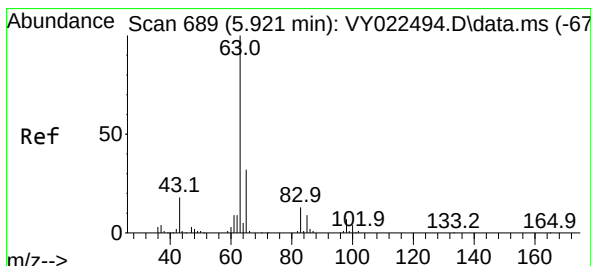
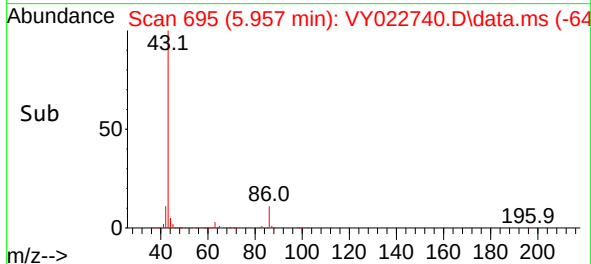
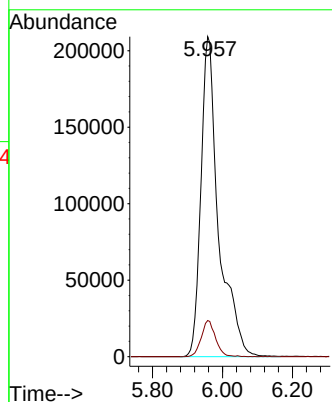
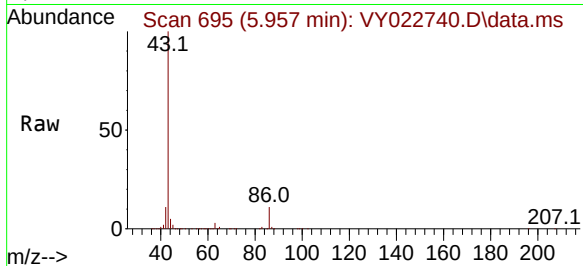




#23
 Vinyl Acetate
 Concen: 261.757 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

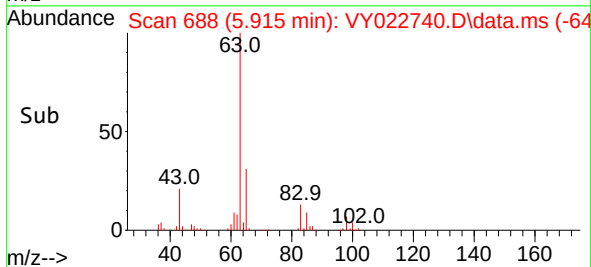
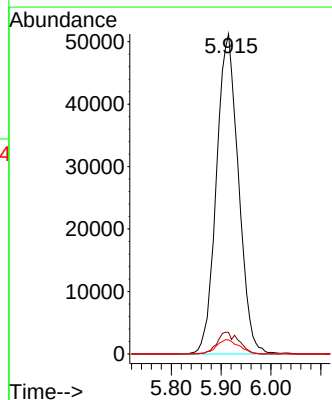
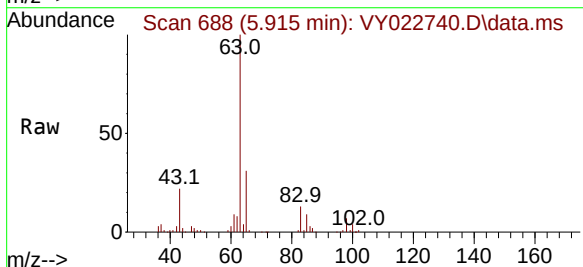
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

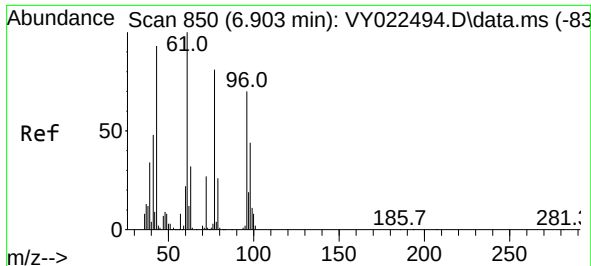
Tgt Ion: 43 Resp: 733219
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 56.384 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

Tgt Ion: 63 Resp: 157202
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.4 2.1 6.3

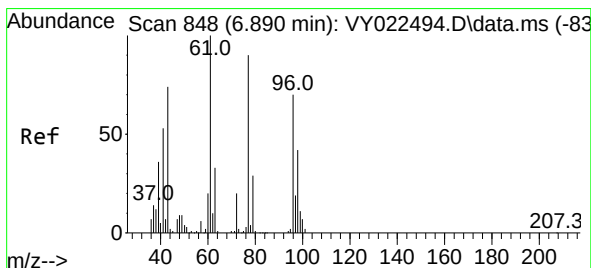
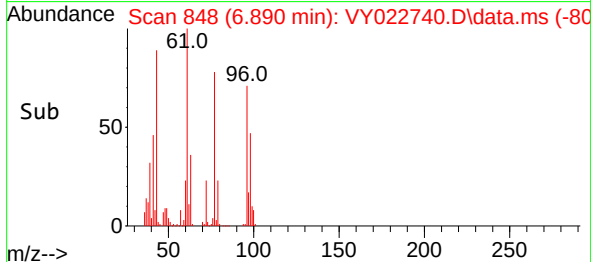
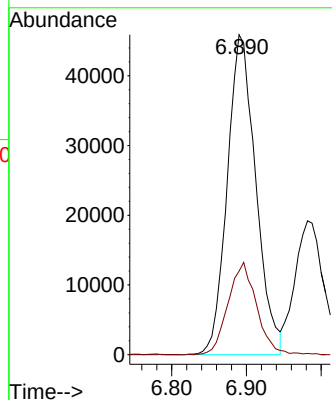
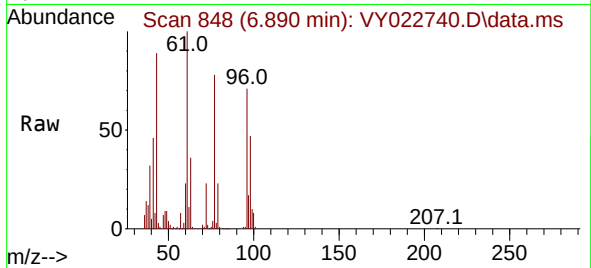




#25
2-Butanone
Concen: 288.289 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

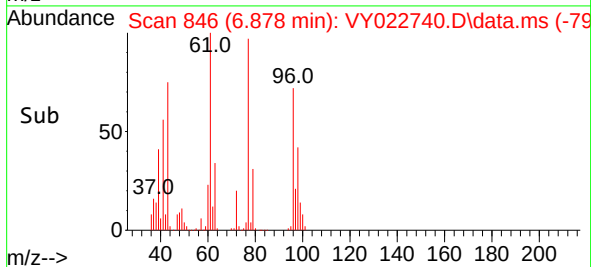
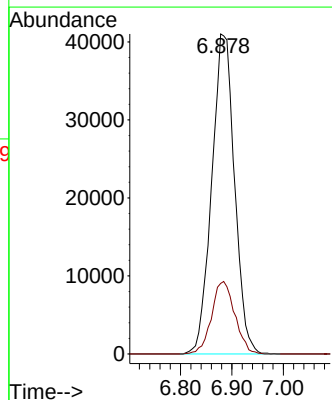
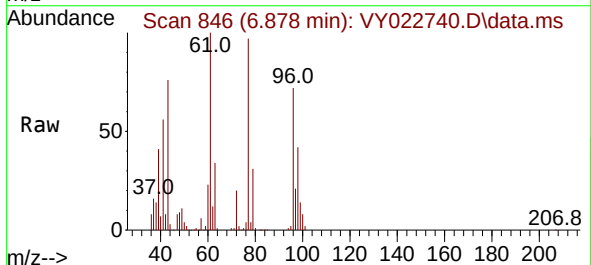
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

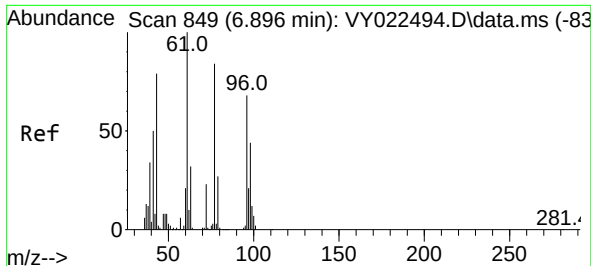
Tgt Ion: 43 Resp: 121989
Ion Ratio Lower Upper
43 100
72 26.1 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.222 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 77 Resp: 126182
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 55.435 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

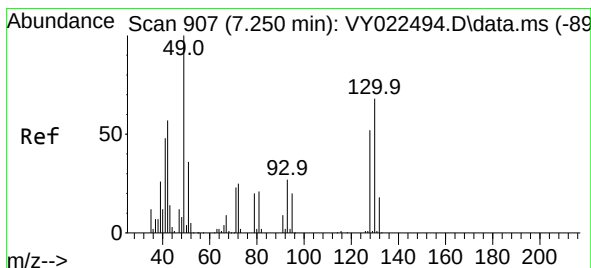
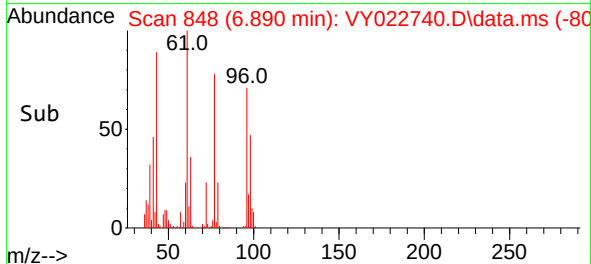
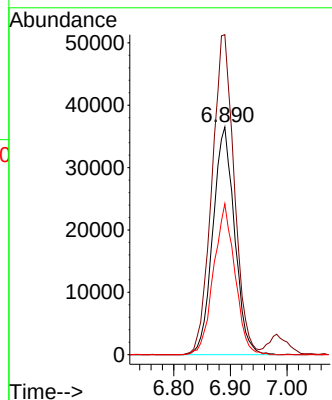
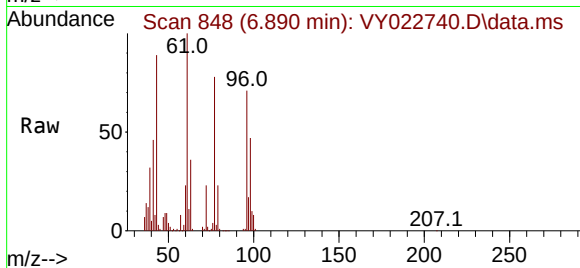
Tgt Ion: 96 Resp: 97124

Ion Ratio Lower Upper

96 100

61 144.5 0.0 290.0

98 65.1 0.0 128.4



#28

Bromochloromethane

Concen: 55.020 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

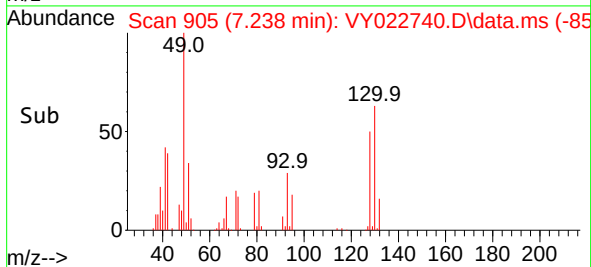
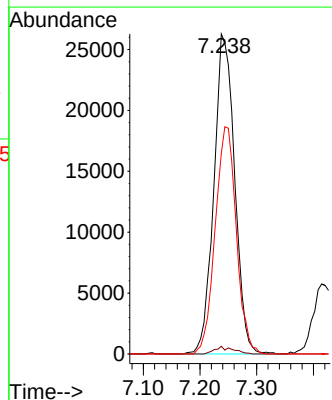
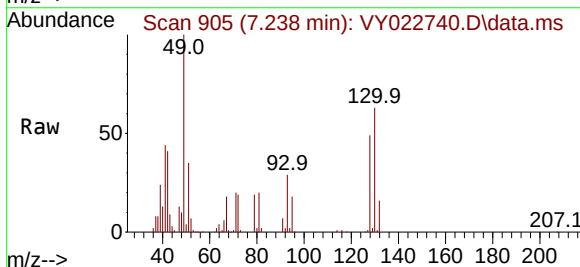
Tgt Ion: 49 Resp: 66869

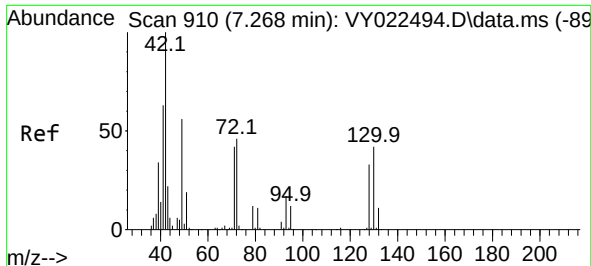
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 72.1 55.7 83.5





#29

Tetrahydrofuran

Concen: 288.346 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

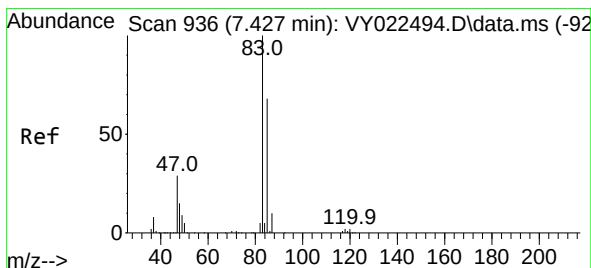
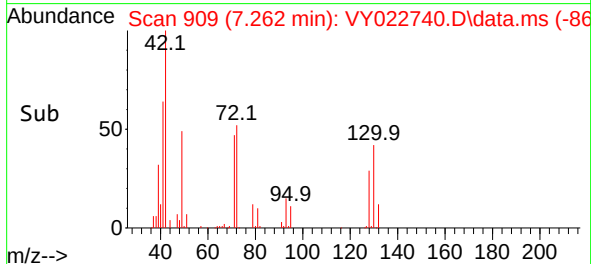
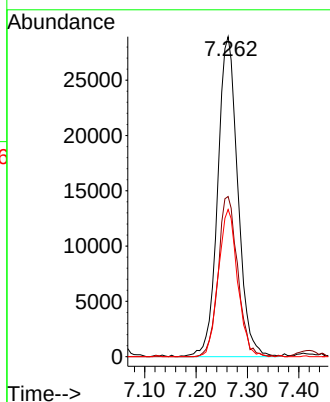
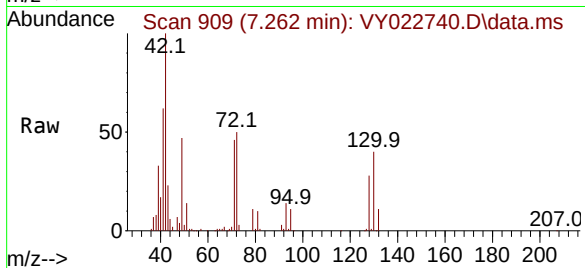
Tgt Ion: 42 Resp: 78695

Ion Ratio Lower Upper

42 100

72 48.7 37.4 56.2

71 44.2 34.2 51.2



#30

Chloroform

Concen: 57.044 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022740.D

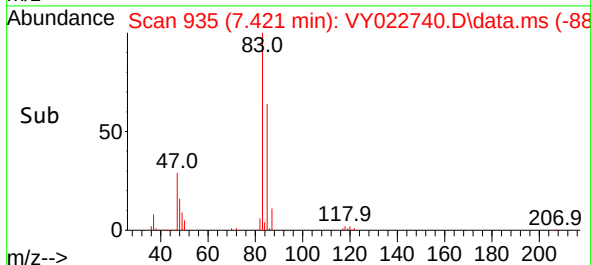
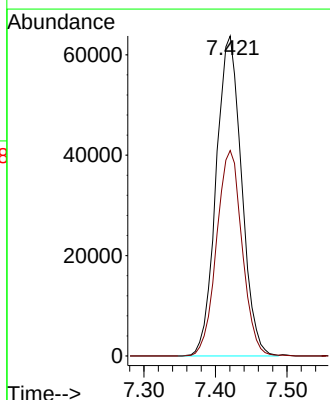
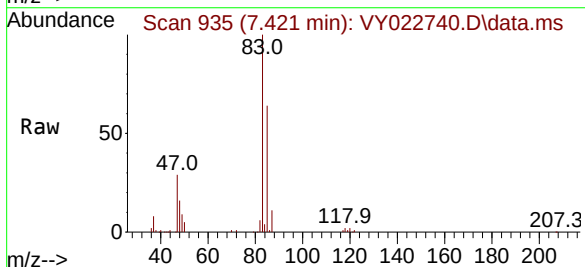
Acq: 18 Jun 2025 16:04

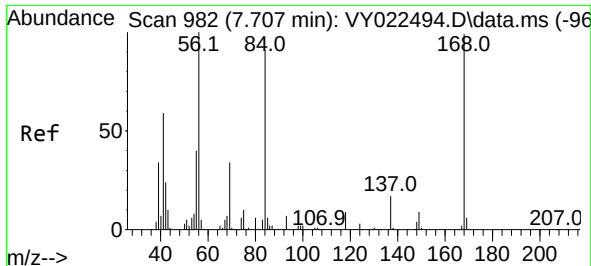
Tgt Ion: 83 Resp: 157531

Ion Ratio Lower Upper

83 100

85 64.2 54.2 81.4

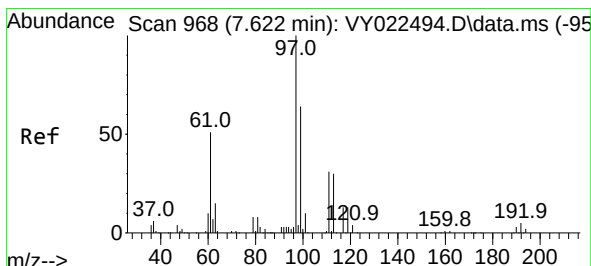
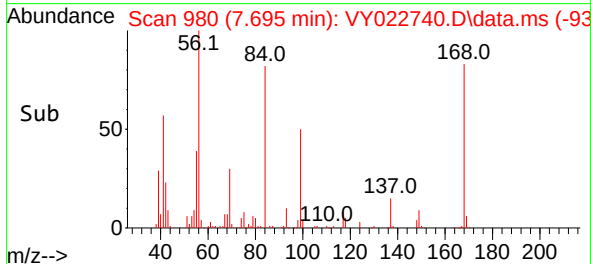
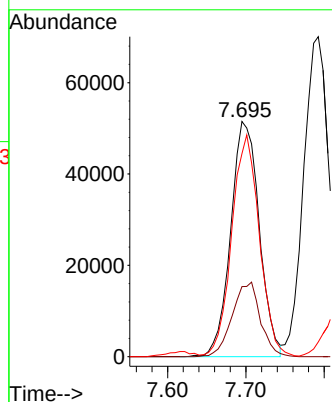
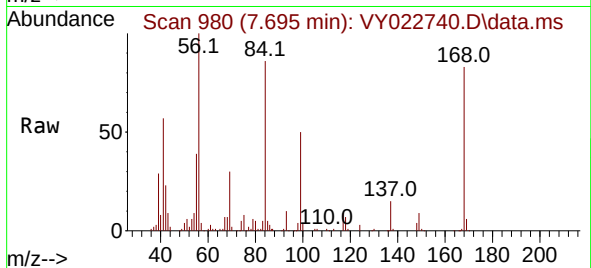




#31
Cyclohexane
Concen: 46.989 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

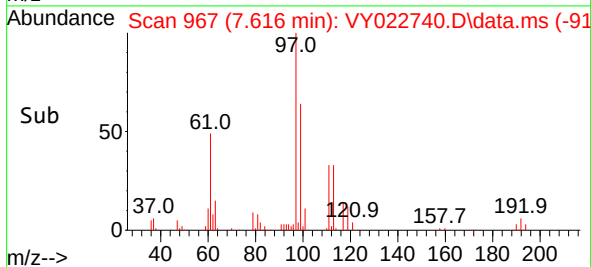
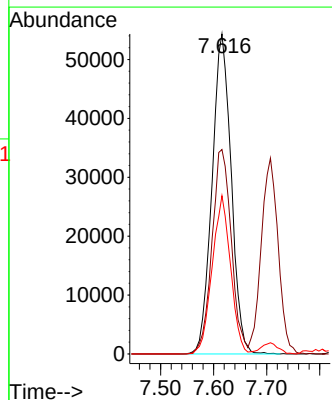
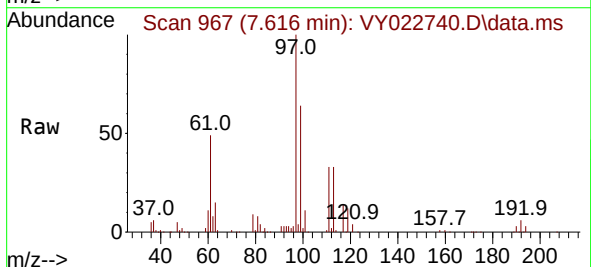
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

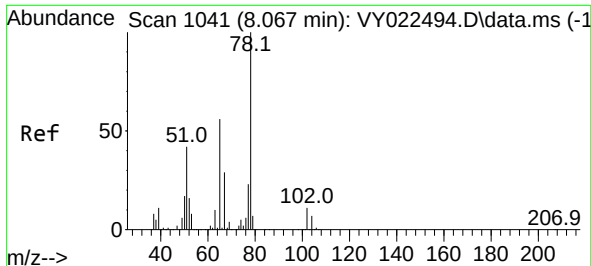
Tgt Ion: 56 Resp: 130427
Ion Ratio Lower Upper
56 100
69 29.8 27.0 40.6
84 84.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 55.616 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 97 Resp: 136343
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 47.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 55.820 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

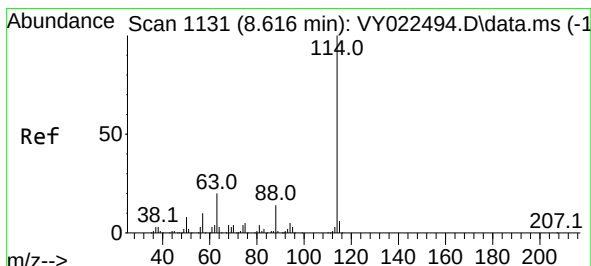
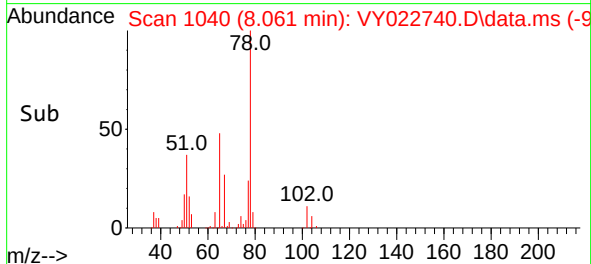
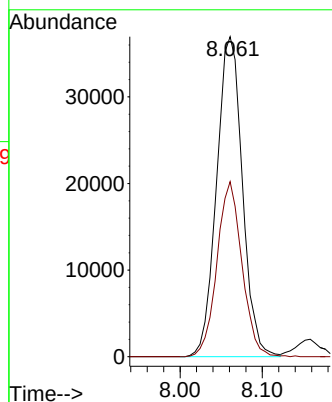
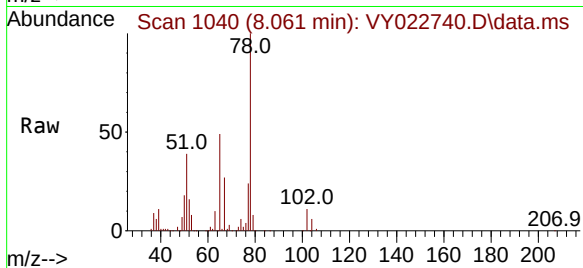
VSTDCCC050EC

Tgt Ion: 65 Resp: 80631

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

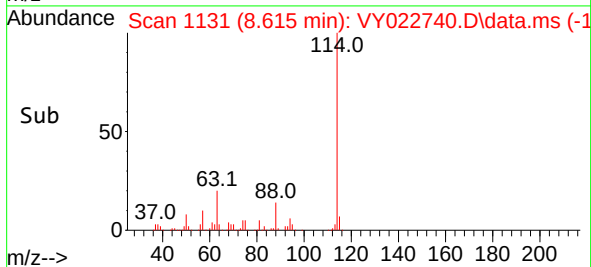
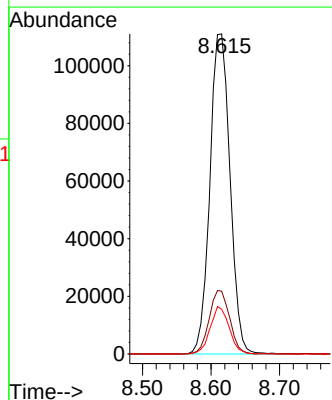
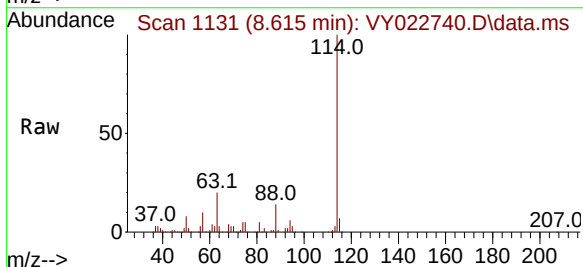
Tgt Ion: 114 Resp: 226392

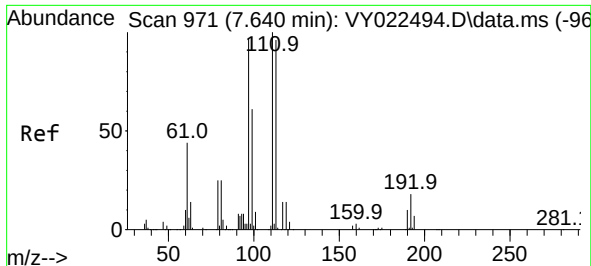
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 13.9 0.0 27.8

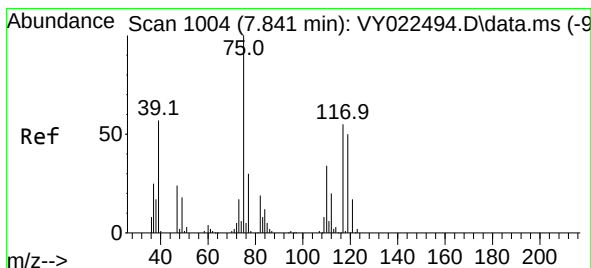
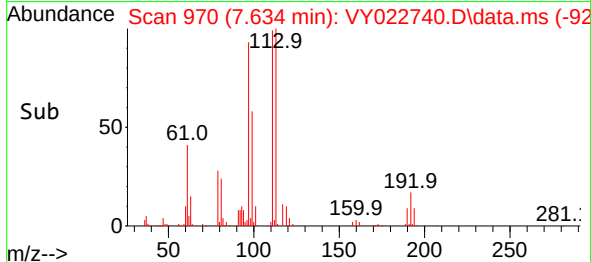
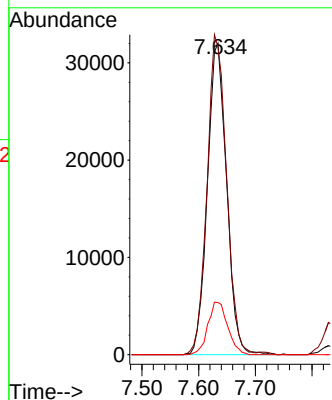
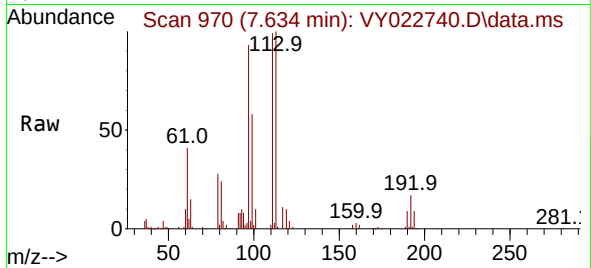




#35
Dibromofluoromethane
Concen: 55.642 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

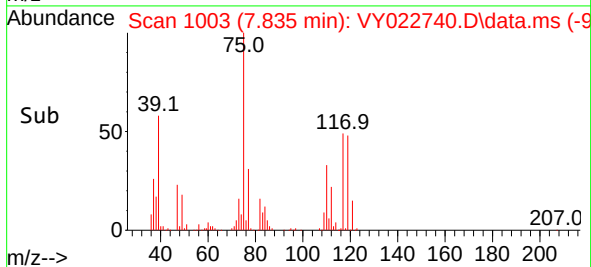
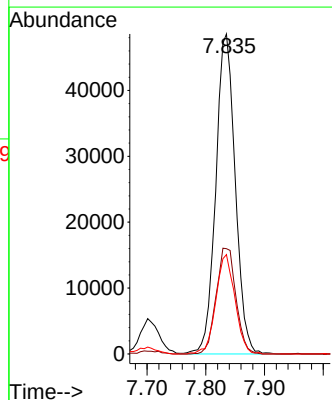
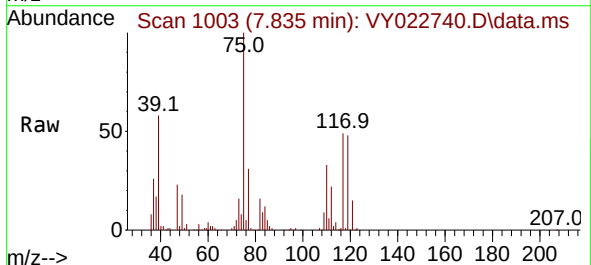
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

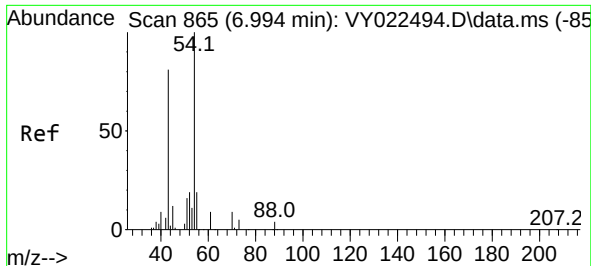
Tgt Ion:113 Resp: 75189
Ion Ratio Lower Upper
113 100
111 104.4 81.1 121.7
192 17.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 50.978 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 75 Resp: 111801
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 30.5 24.8 37.2

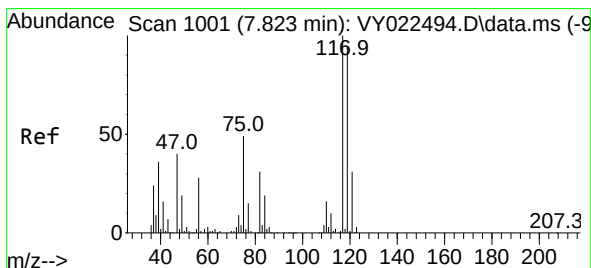
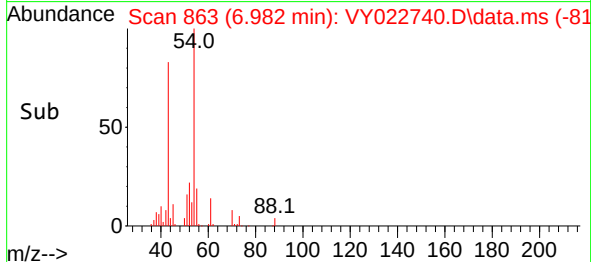
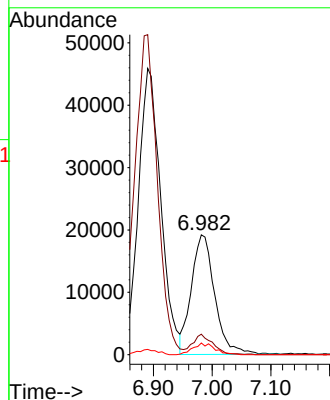
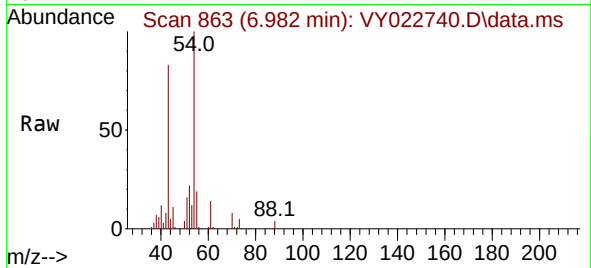




#37
Ethyl Acetate
Concen: 54.211 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

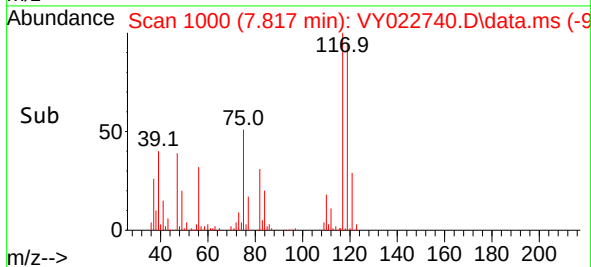
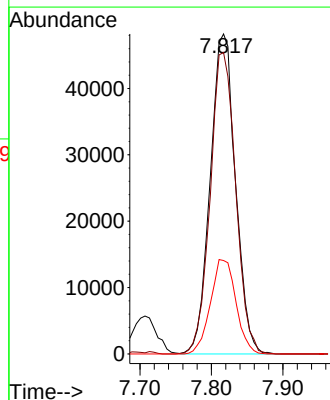
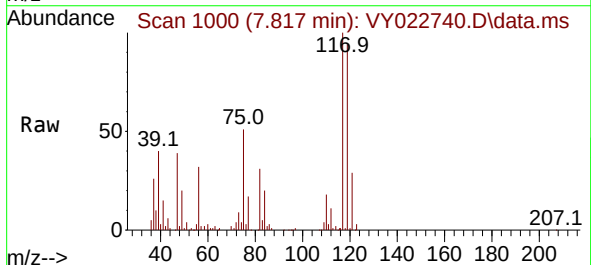
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

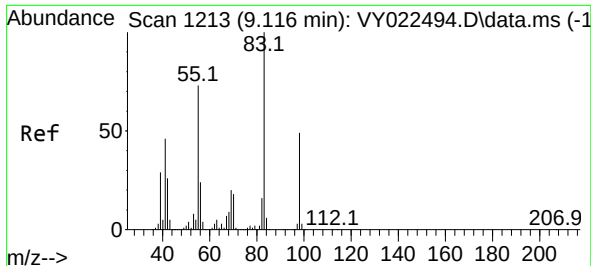
Tgt Ion: 43 Resp: 53020
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.600 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 117 Resp: 118342
Ion Ratio Lower Upper
117 100
119 94.2 75.0 112.6
121 29.2 25.0 37.4

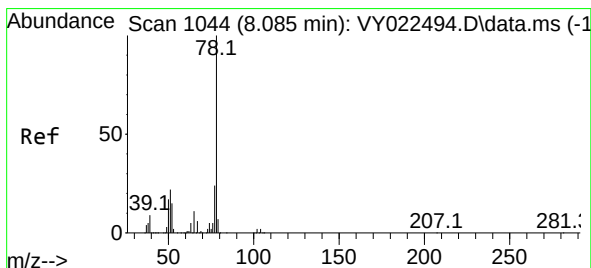
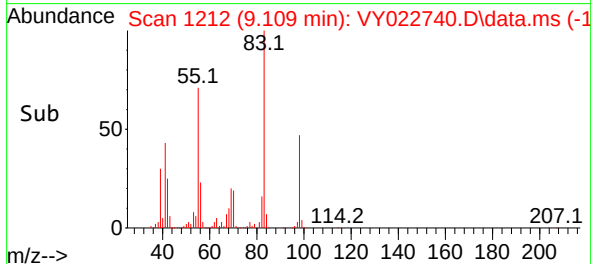
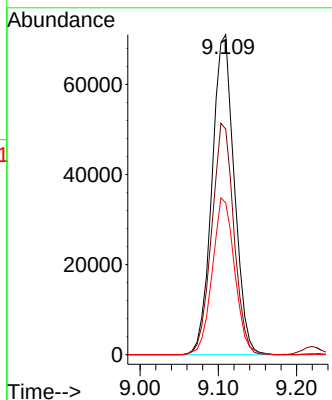
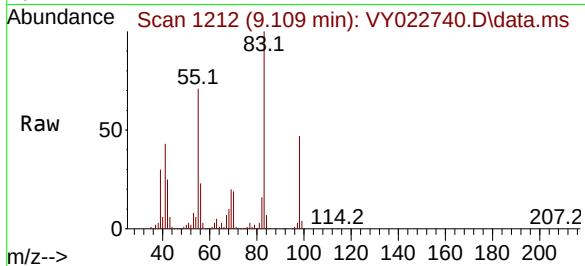




#39
Methylcyclohexane
Concen: 47.706 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

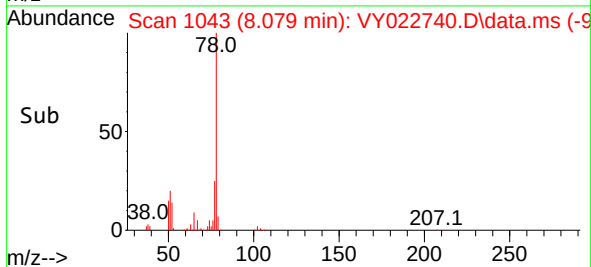
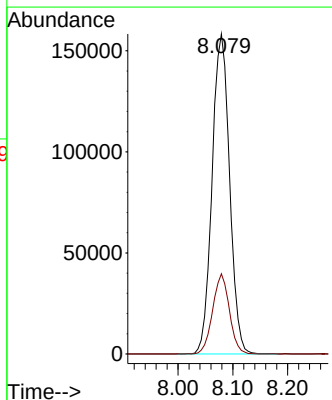
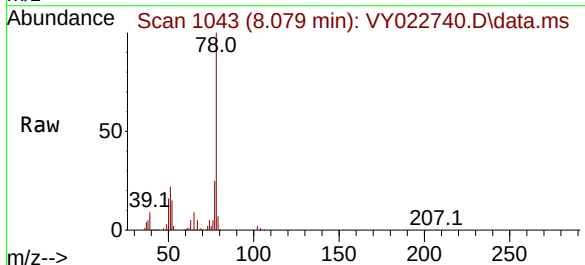
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

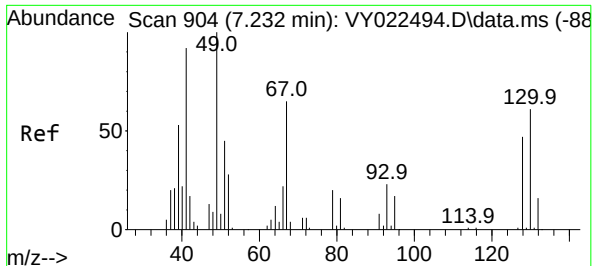
Tgt Ion: 83 Resp: 140602
Ion Ratio Lower Upper
83 100
55 70.5 58.1 87.1
98 47.4 39.0 58.6



#40
Benzene
Concen: 54.060 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 78 Resp: 350183
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9

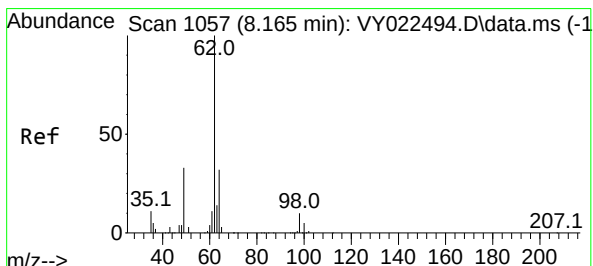
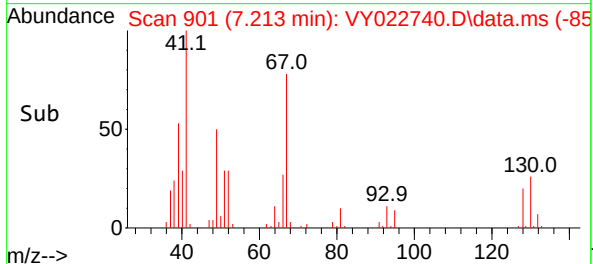
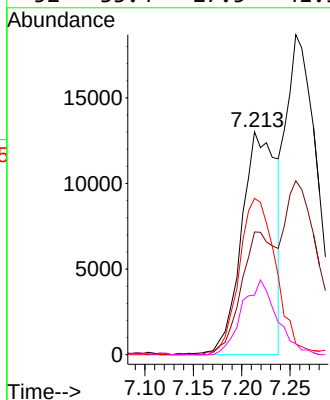
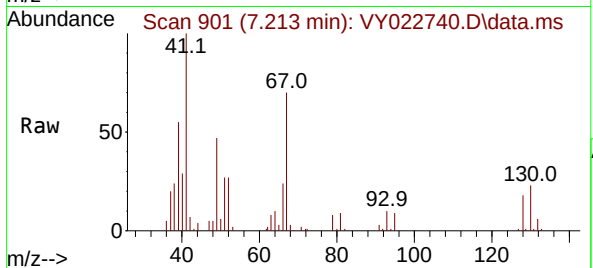




#41
Methacrylonitrile
Concen: 57.118 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

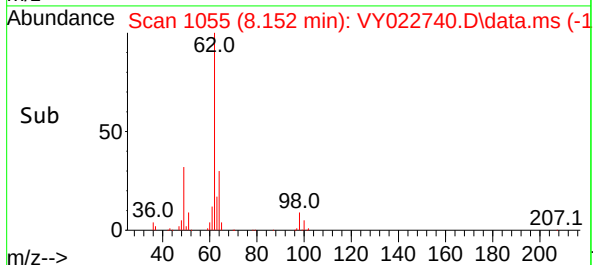
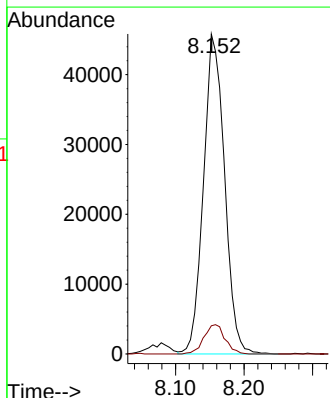
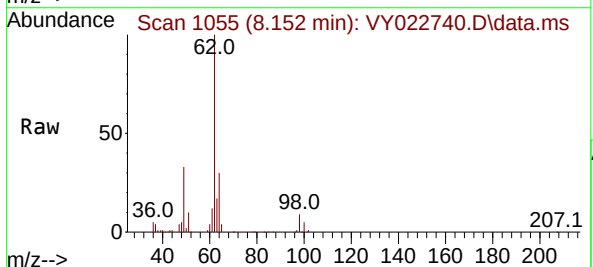
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

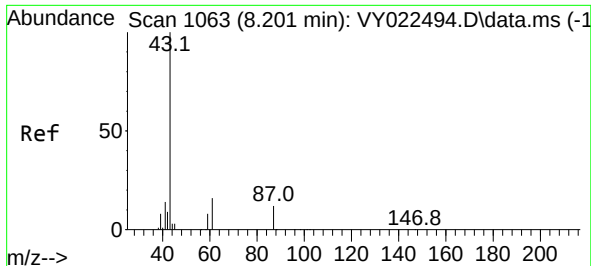
Tgt Ion:	41	Resp:	32630
Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.6	69.8
67	74.6	63.3	94.9
52	33.4	27.5	41.3



#42
1,2-Dichloroethane
Concen: 55.362 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion:	62	Resp:	97918
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

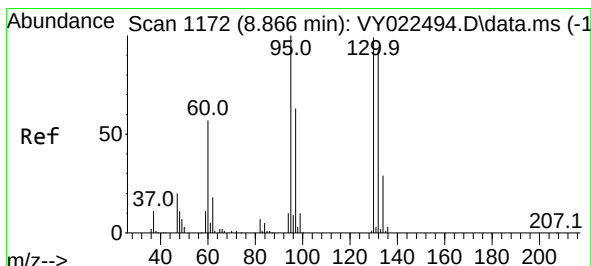
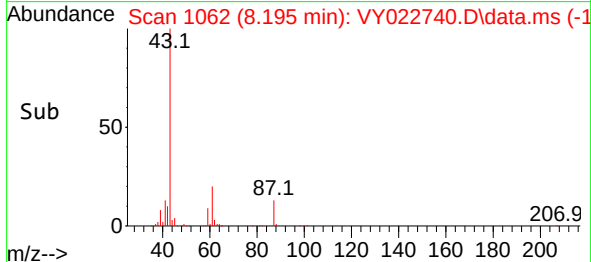
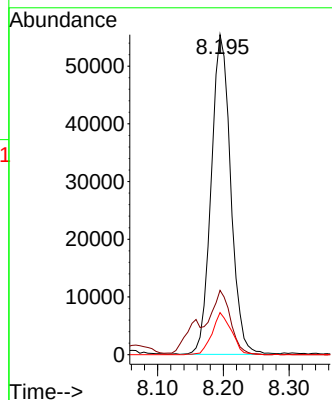
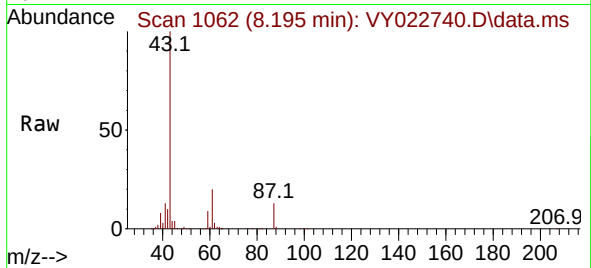




#43
Isopropyl Acetate
Concen: 54.124 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

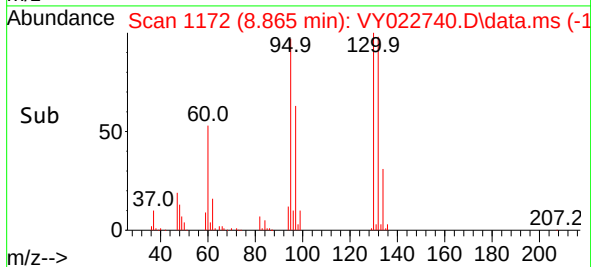
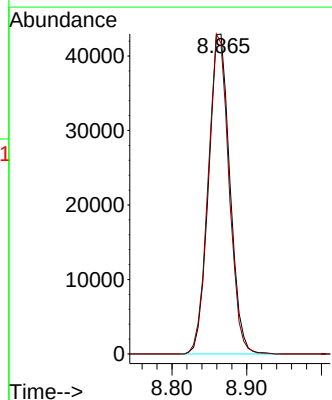
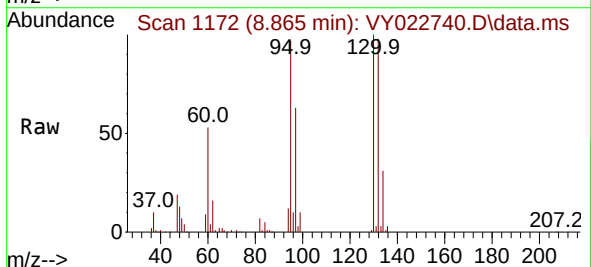
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

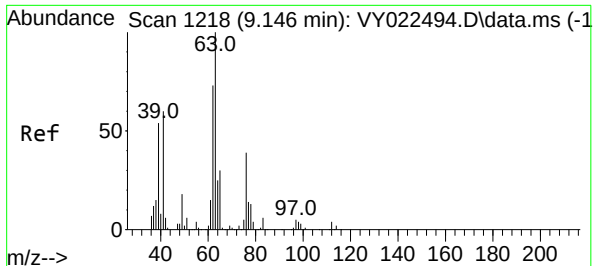
Tgt Ion: 43 Resp: 114326
Ion Ratio Lower Upper
43 100
61 19.8 15.6 23.4
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 53.614 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion:130 Resp: 84880
Ion Ratio Lower Upper
130 100
95 97.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 55.269 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

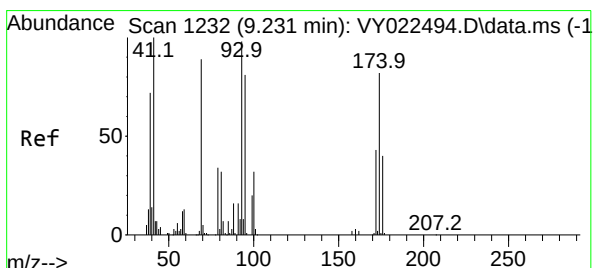
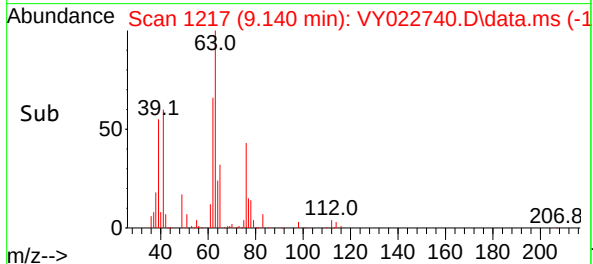
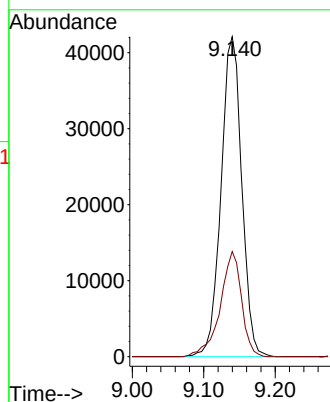
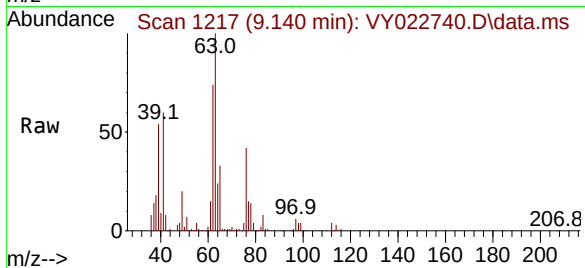
VSTDCCC050EC

Tgt Ion: 63 Resp: 84611

Ion Ratio Lower Upper

63 100

65 32.8 24.0 36.0



#46

Dibromomethane

Concen: 56.711 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

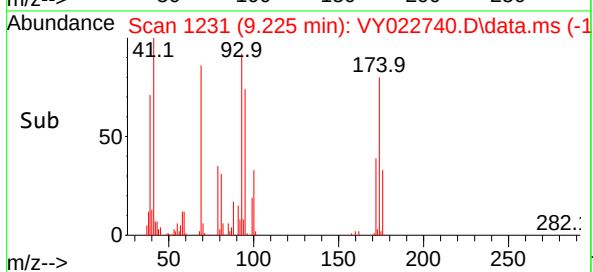
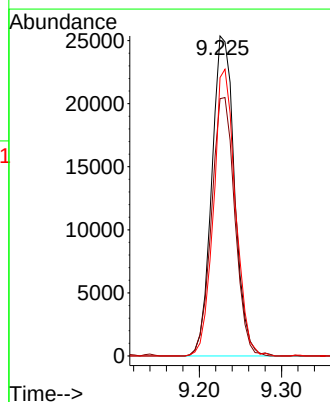
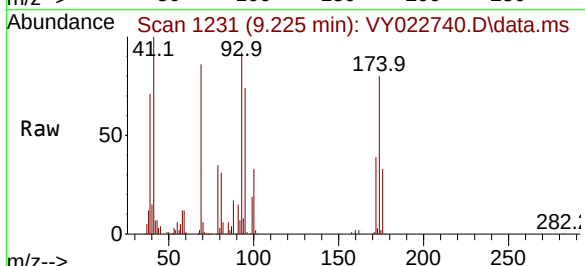
Tgt Ion: 93 Resp: 48843

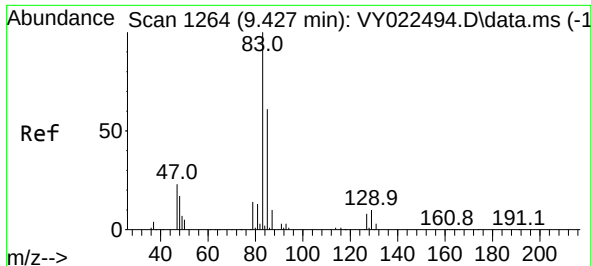
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 86.2 70.4 105.6

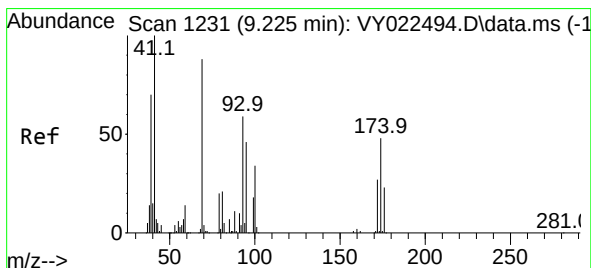
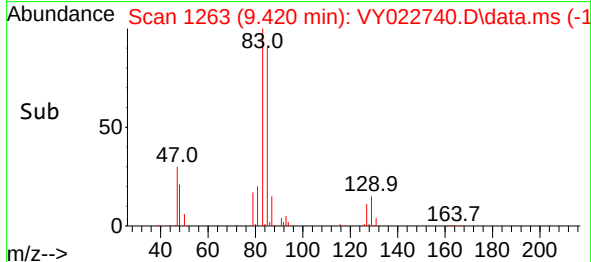
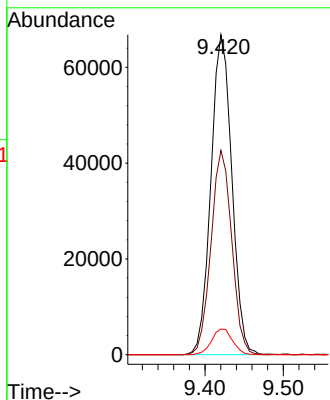
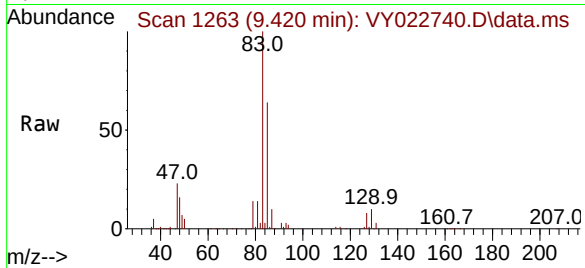




#47
Bromodichloromethane
Concen: 56.832 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

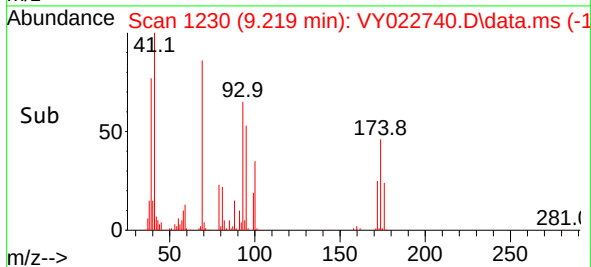
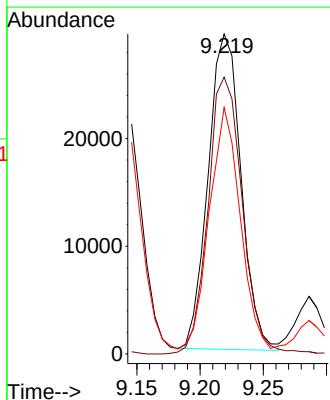
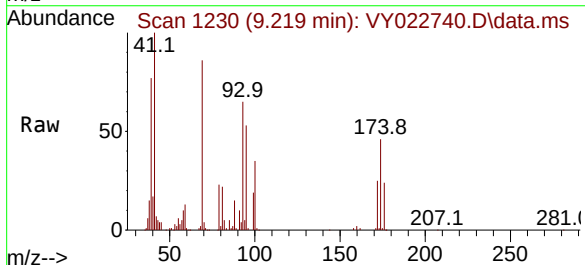
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

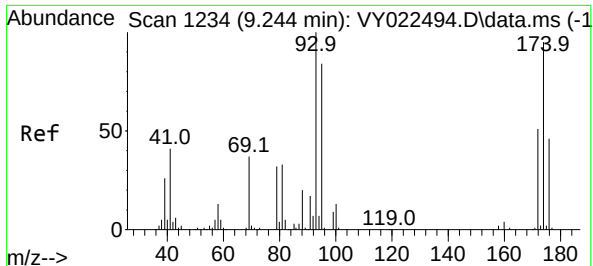
Tgt Ion: 83 Resp: 124111
Ion Ratio Lower Upper
83 100
85 63.8 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 53.419 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 41 Resp: 52957
Ion Ratio Lower Upper
41 100
69 91.5 67.8 101.8
39 72.3 55.0 82.4

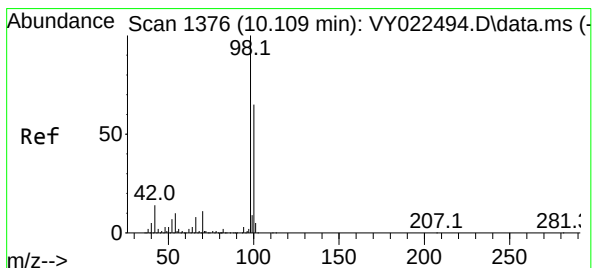
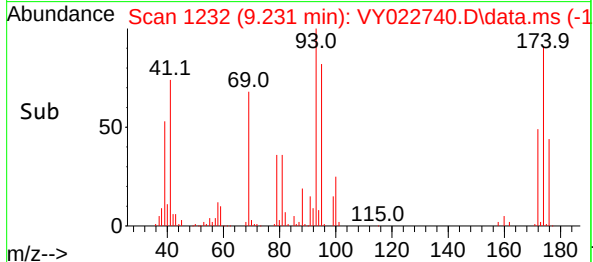
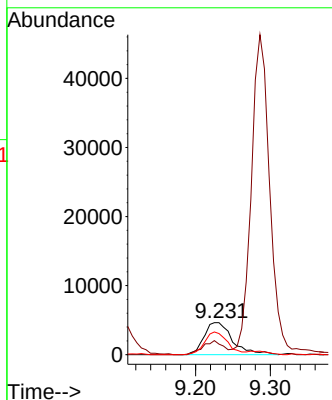
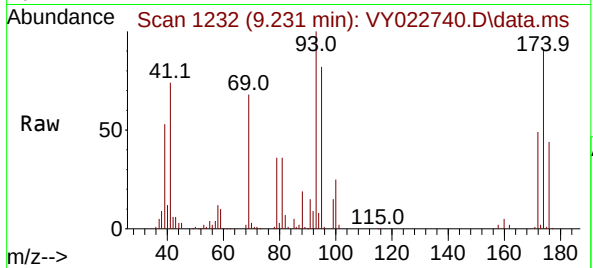




#49
 1,4-Dioxane
 Concen: 1208.332 ug/l
 RT: 9.231 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

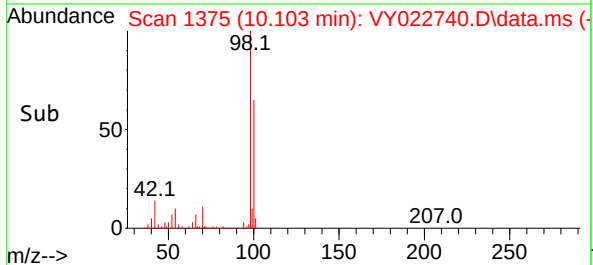
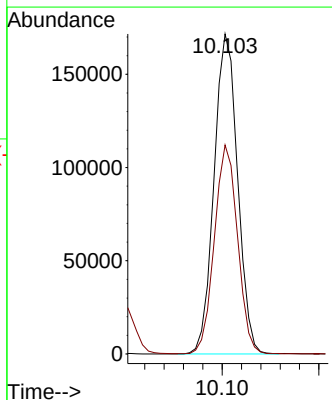
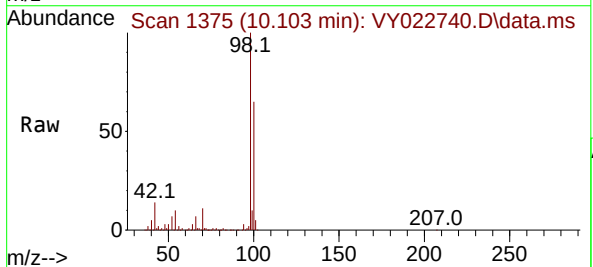
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

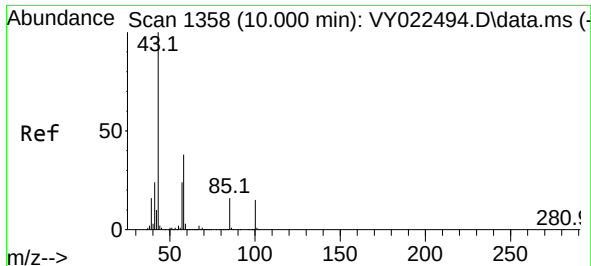
Tgt Ion: 88 Resp: 12329
 Ion Ratio Lower Upper
 88 100
 43 30.8 25.4 38.2
 58 57.9 54.9 82.3



#50
 Toluene-d8
 Concen: 53.075 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

Tgt Ion: 98 Resp: 289793
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.0

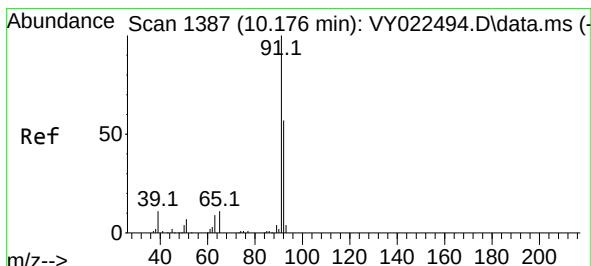
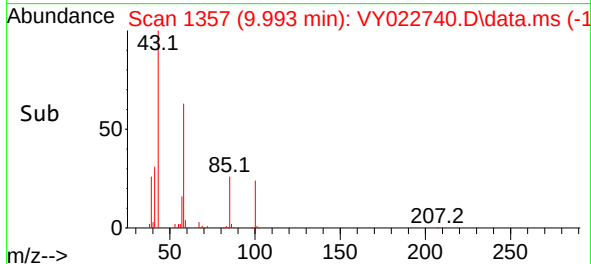
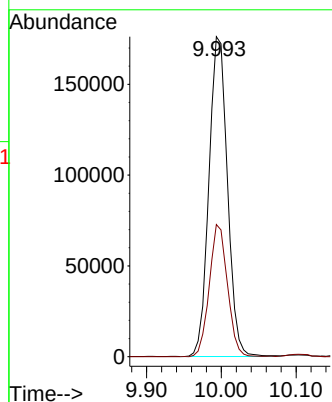
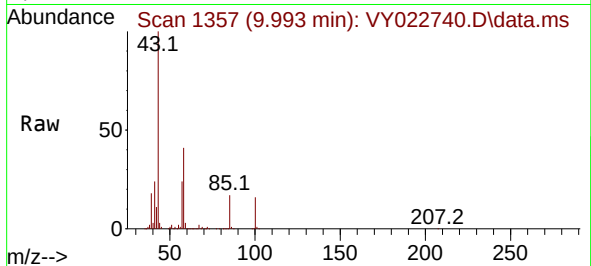




#51
4-Methyl-2-Pentanone
Concen: 288.133 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

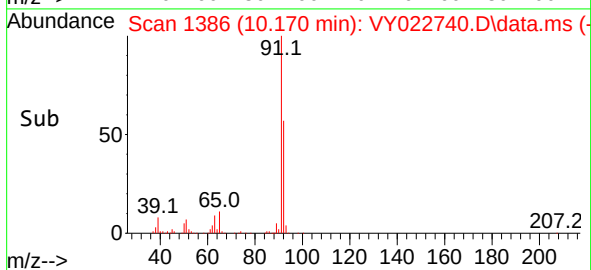
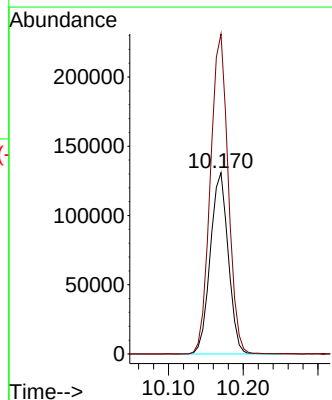
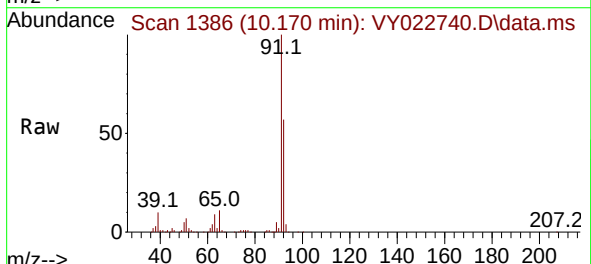
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

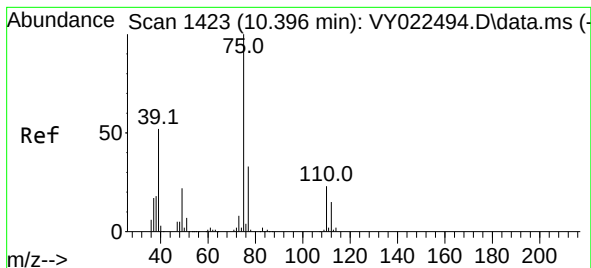
Tgt Ion: 43 Resp: 303438
Ion Ratio Lower Upper
43 100
58 40.5 30.4 45.6



#52
Toluene
Concen: 53.529 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 92 Resp: 217903
Ion Ratio Lower Upper
92 100
91 175.8 139.0 208.4

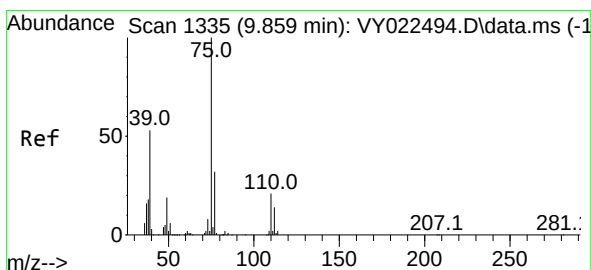
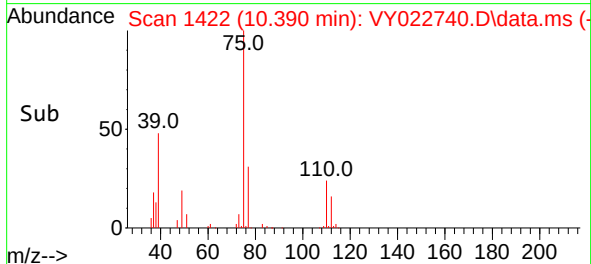
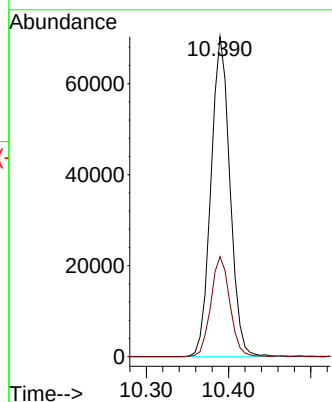
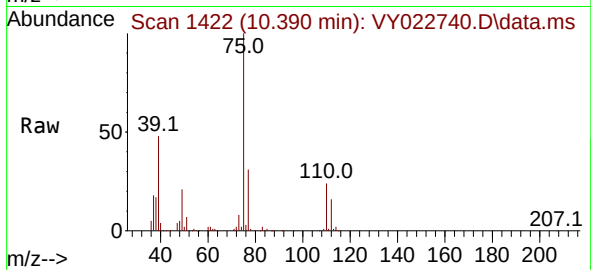




#53
t-1,3-Dichloropropene
Concen: 55.186 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

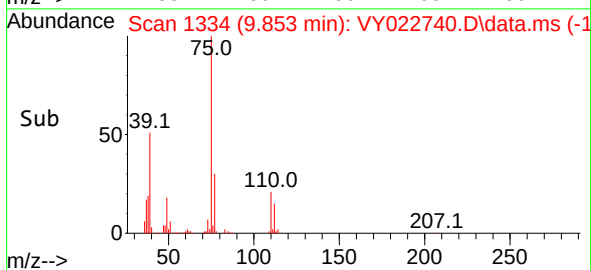
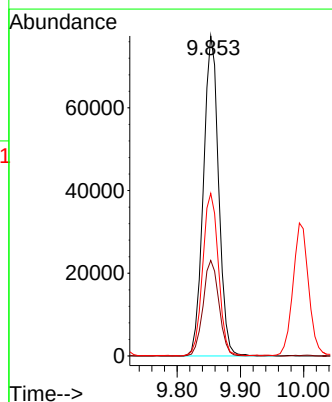
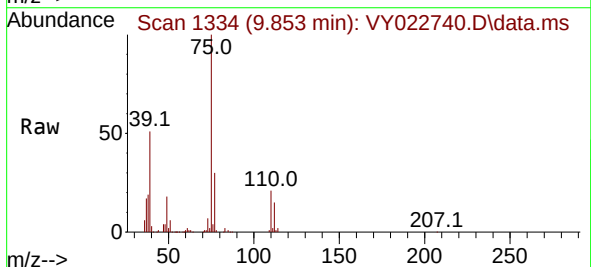
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

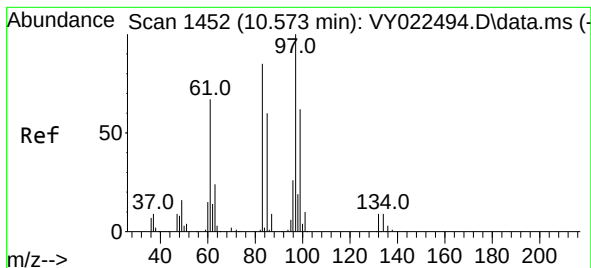
Tgt Ion: 75 Resp: 112920
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 54.481 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 75 Resp: 129768
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9
39 50.8 42.7 64.1

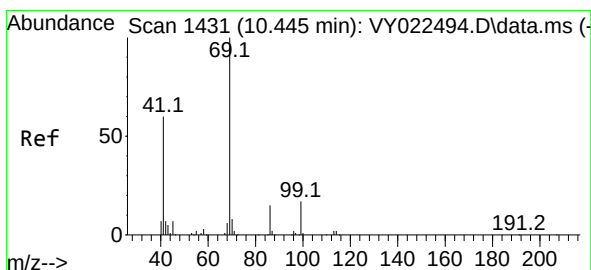
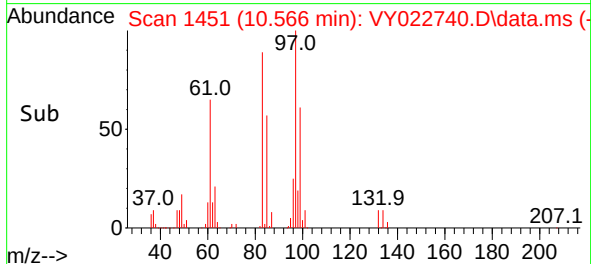
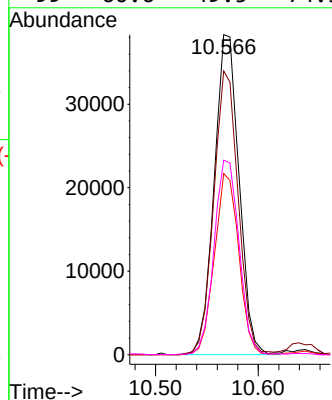
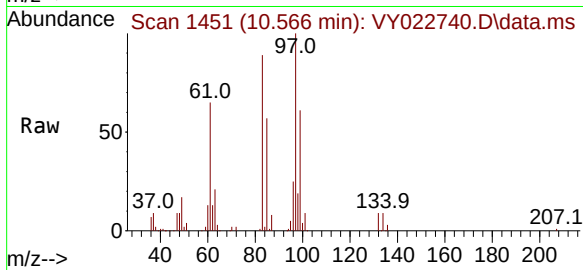




#55
 1,1,2-Trichloroethane
 Concen: 58.634 ug/l
 RT: 10.566 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

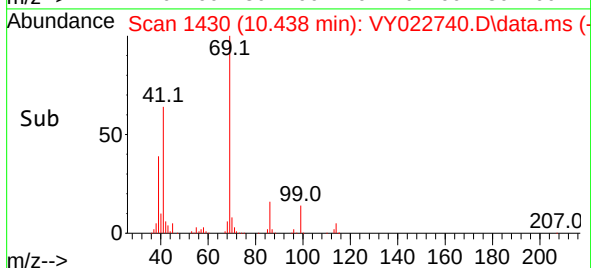
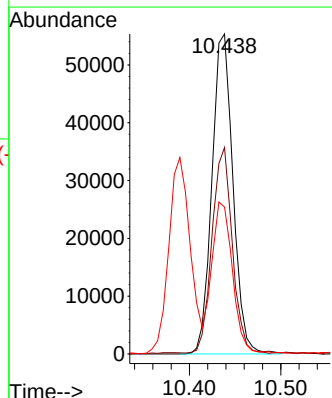
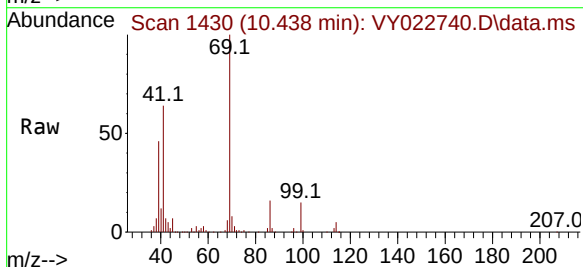
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

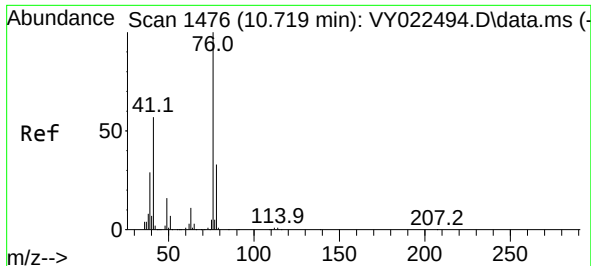
Tgt Ion:	97	Resp:	64392
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.1	102.1
85	56.6	48.2	72.2
99	60.6	49.5	74.3



#56
 Ethyl methacrylate
 Concen: 55.672 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

Tgt Ion:	69	Resp:	88367
Ion	Ratio	Lower	Upper
69	100		
41	61.9	52.2	78.2
39	46.6	36.7	55.1





#57

1,3-Dichloropropane

Concen: 56.396 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

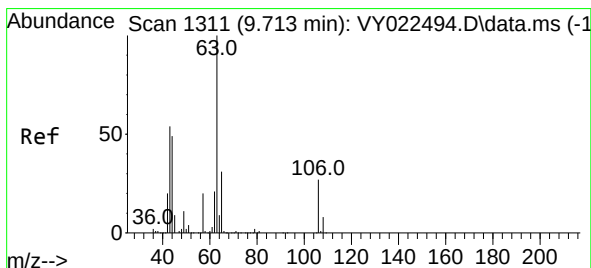
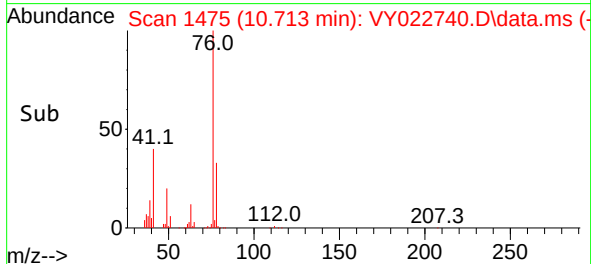
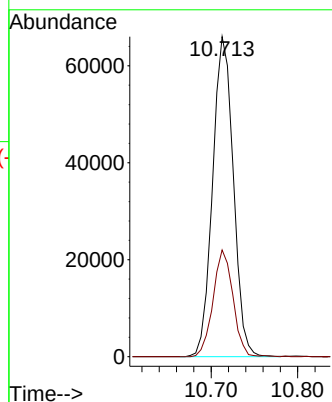
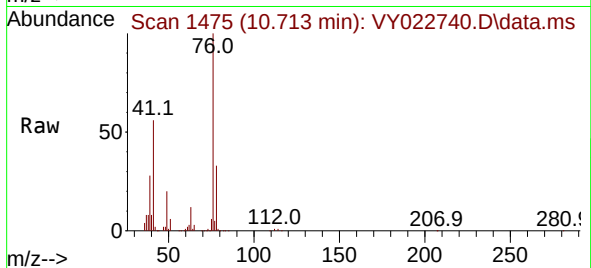
VSTDCCC050EC

Tgt Ion: 76 Resp: 109774

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 308.028 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022740.D

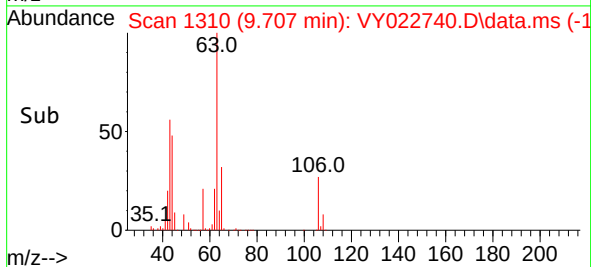
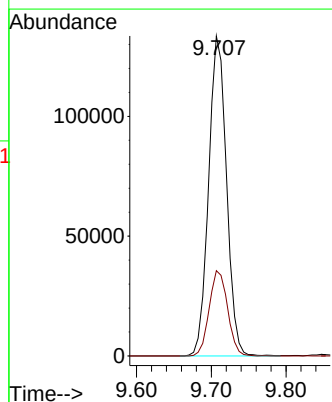
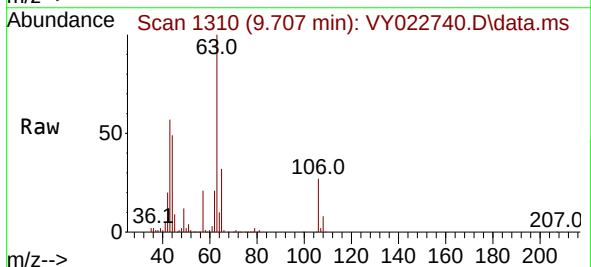
Acq: 18 Jun 2025 16:04

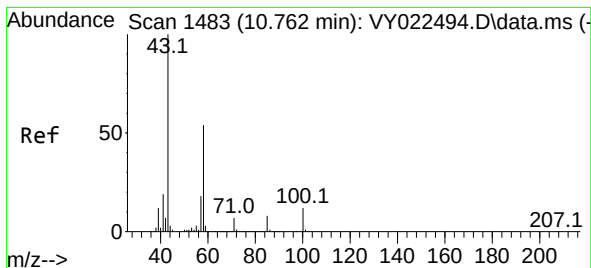
Tgt Ion: 63 Resp: 221982

Ion Ratio Lower Upper

63 100

106 27.4 21.6 32.4

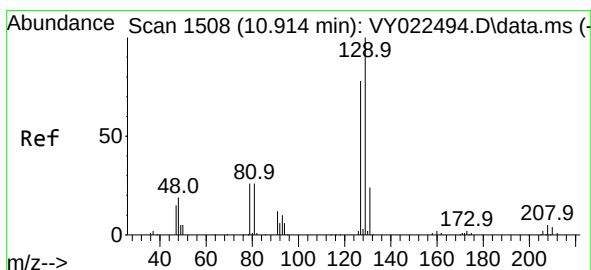
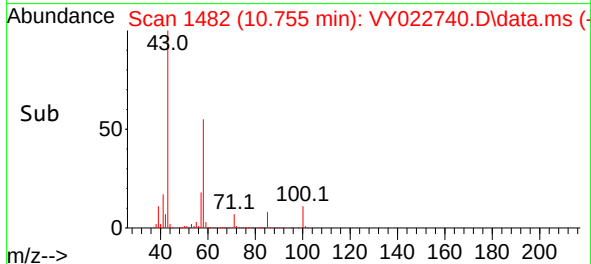
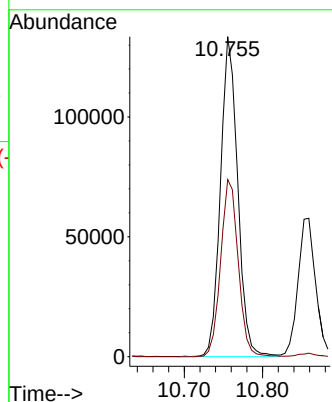
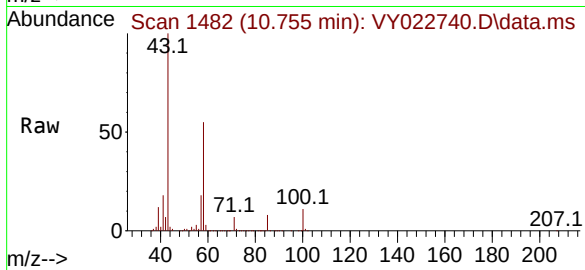




#59
2-Hexanone
Concen: 290.507 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

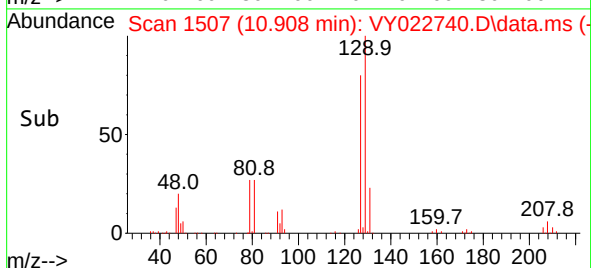
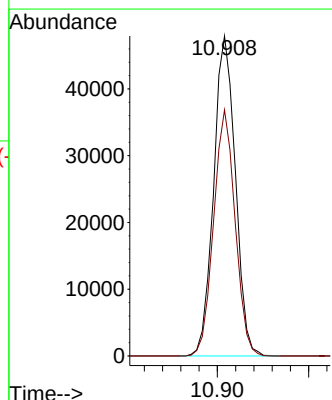
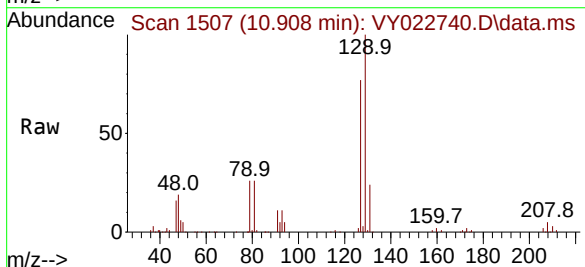
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

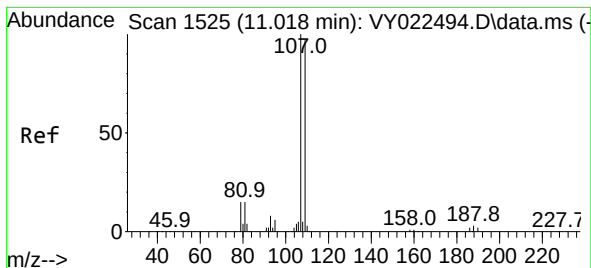
Tgt Ion: 43 Resp: 204609
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8



#60
Dibromochloromethane
Concen: 56.731 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 129 Resp: 79175
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 57.728 ug/l

RT: 11.011 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

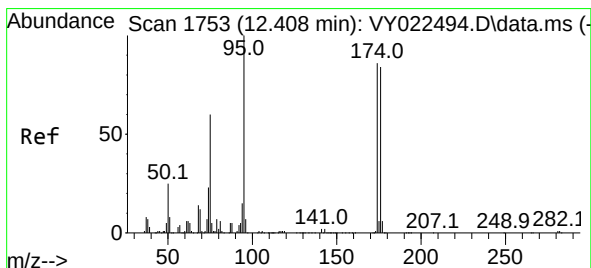
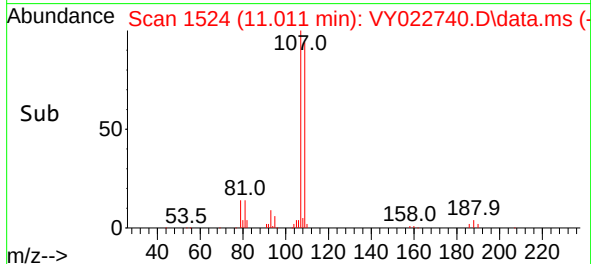
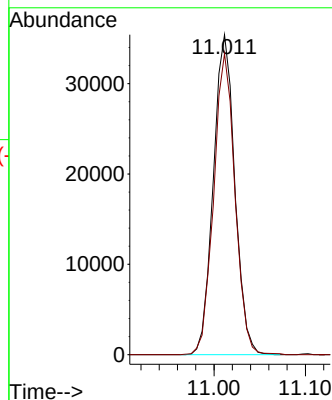
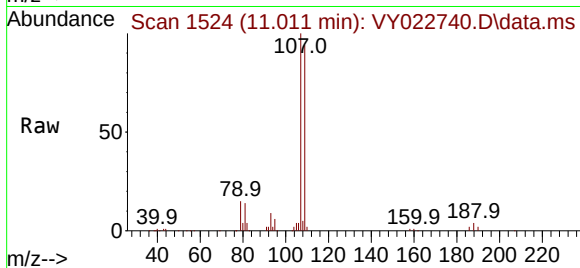
VSTDCCC050EC

Tgt Ion:107 Resp: 57783

Ion Ratio Lower Upper

107 100

109 93.4 77.7 116.5



#62

4-Bromofluorobenzene

Concen: 52.435 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

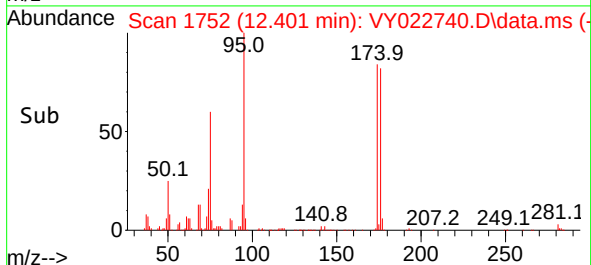
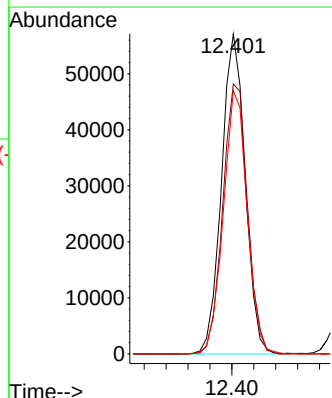
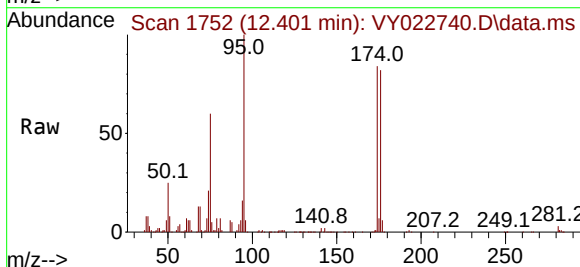
Tgt Ion: 95 Resp: 85303

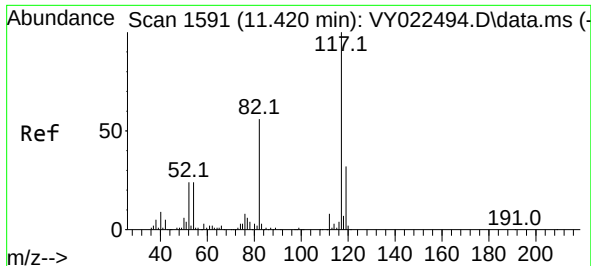
Ion Ratio Lower Upper

95 100

174 88.2 0.0 170.0

176 83.5 0.0 166.2

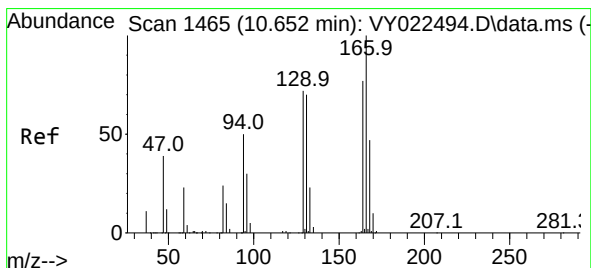
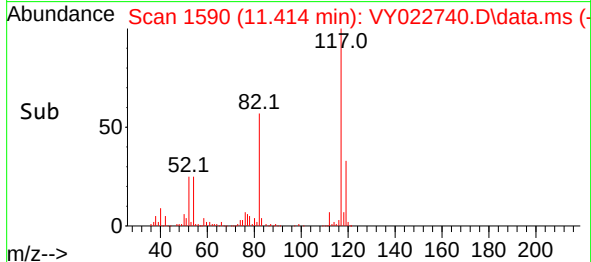
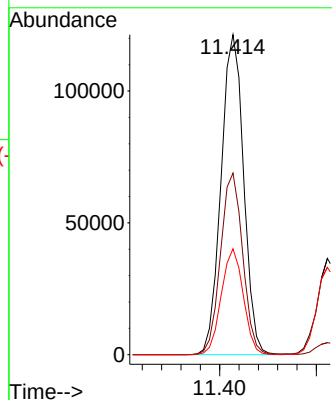
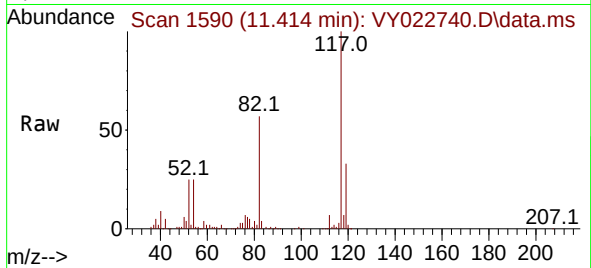




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

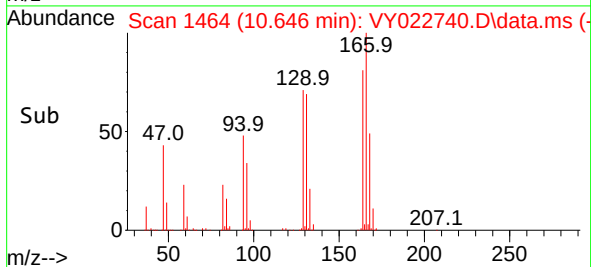
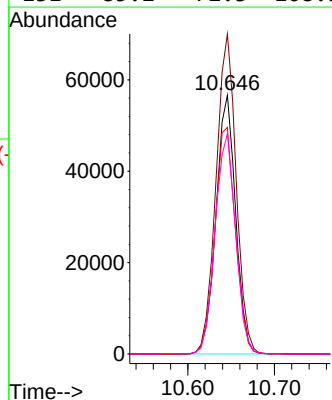
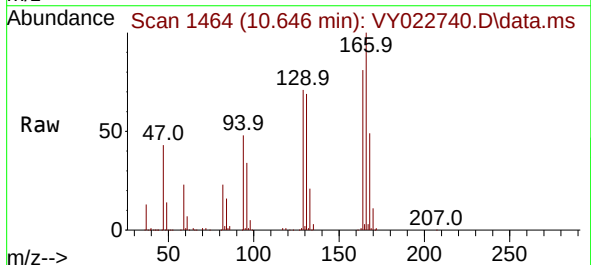
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

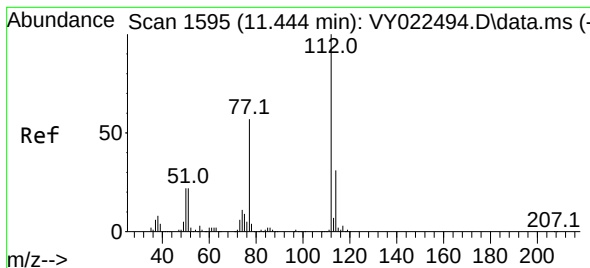
Tgt Ion:117 Resp: 196686
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 52.579 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion:164 Resp: 88960
Ion Ratio Lower Upper
164 100
166 123.7 104.0 156.0
129 87.6 74.5 111.7
131 85.2 72.3 108.5

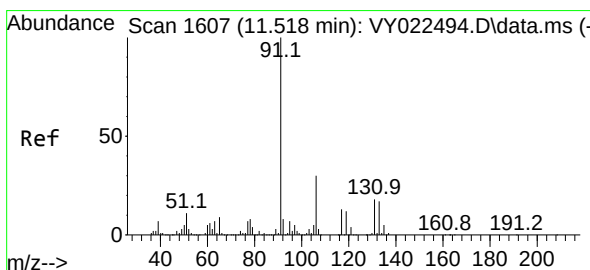
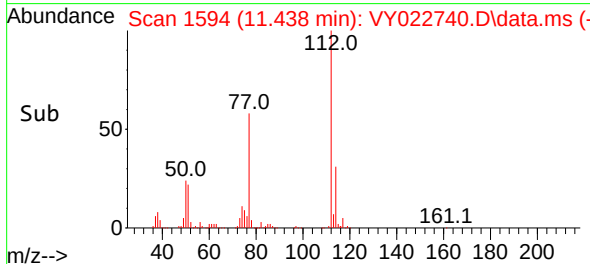
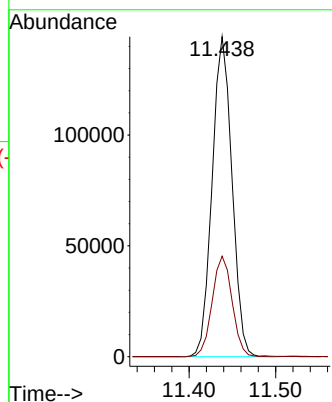
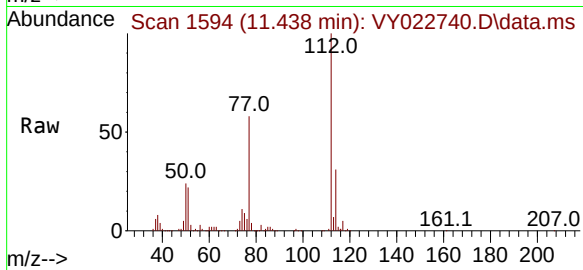




#65
Chlorobenzene
Concen: 52.828 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

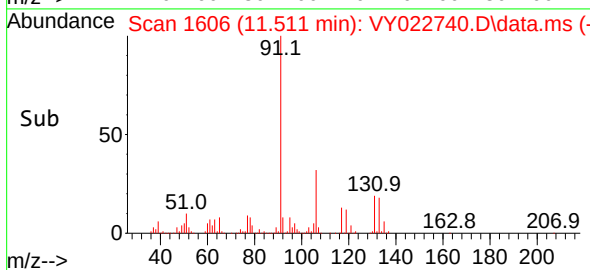
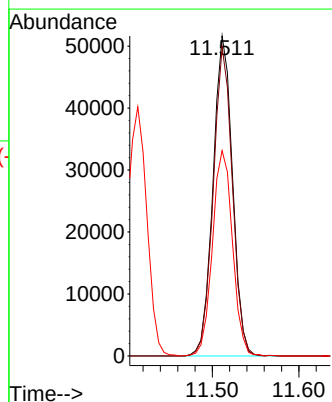
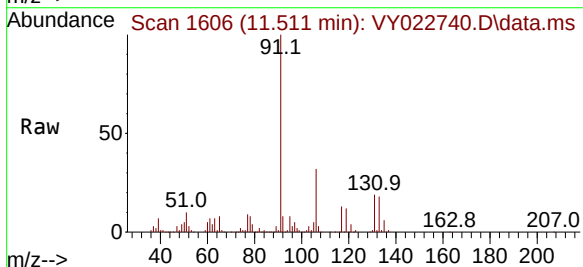
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

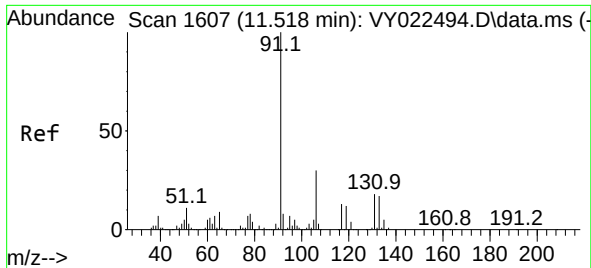
Tgt Ion:112 Resp: 229931
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.999 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion:131 Resp: 80640
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 66.1 33.1 99.3





#67

Ethyl Benzene

Concen: 52.350 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

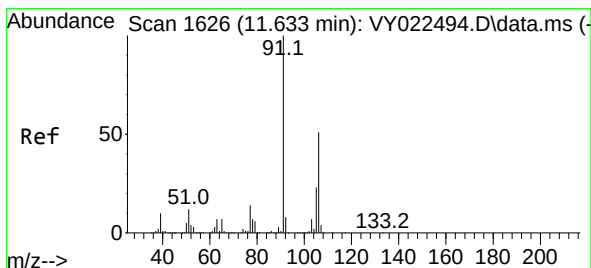
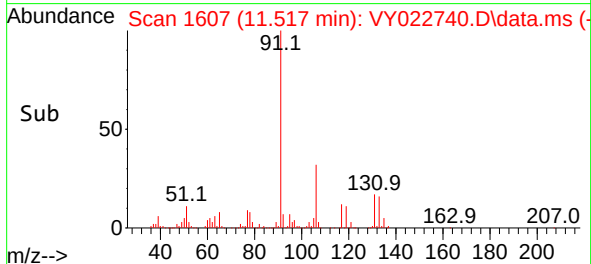
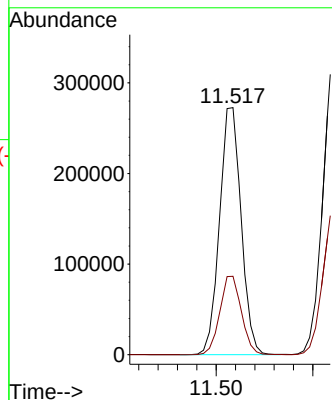
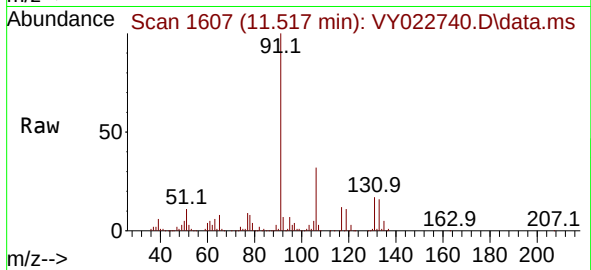
VSTDCCC050EC

Tgt Ion: 91 Resp: 422611

Ion Ratio Lower Upper

91 100

106 31.8 24.2 36.4



#68

m/p-Xylenes

Concen: 105.364 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022740.D

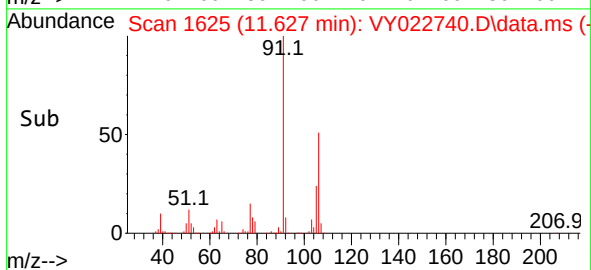
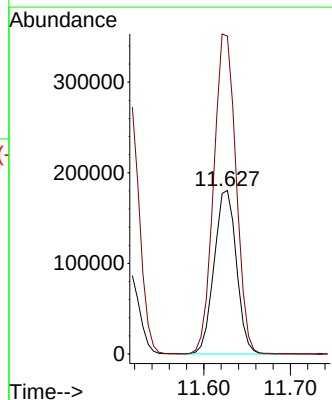
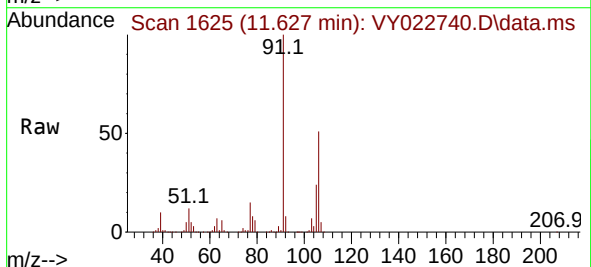
Acq: 18 Jun 2025 16:04

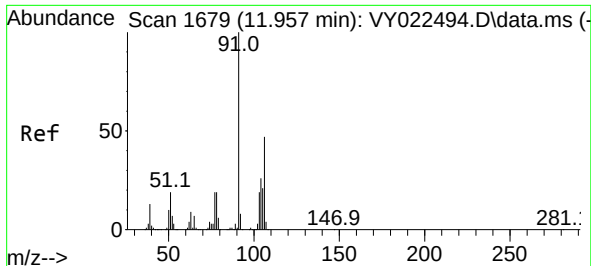
Tgt Ion:106 Resp: 322447

Ion Ratio Lower Upper

106 100

91 196.3 159.4 239.0

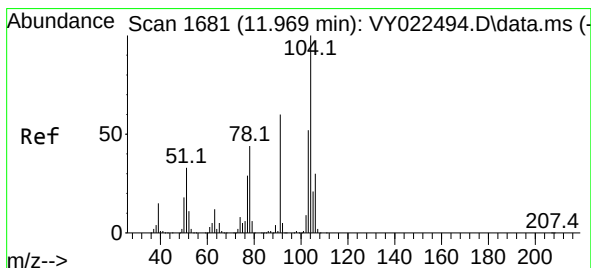
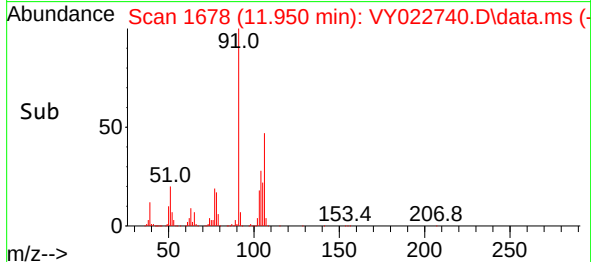
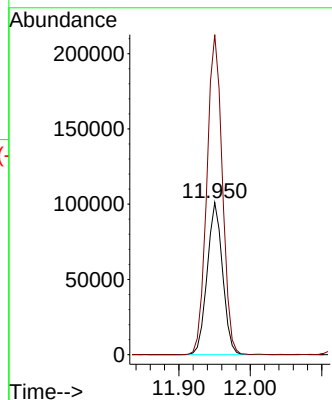
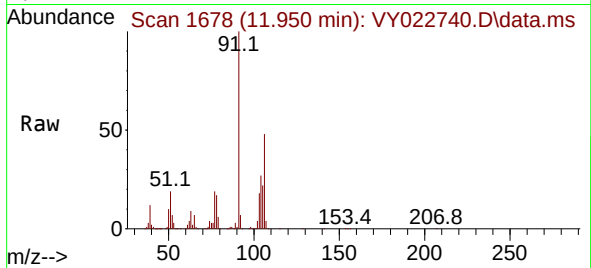




#69
o-Xylene
Concen: 52.711 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

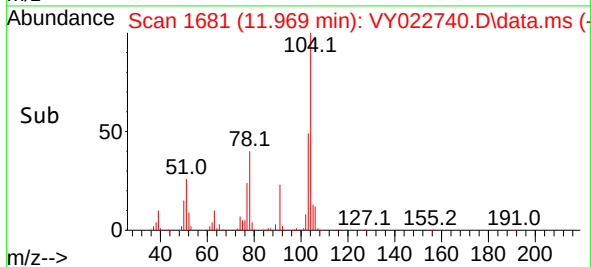
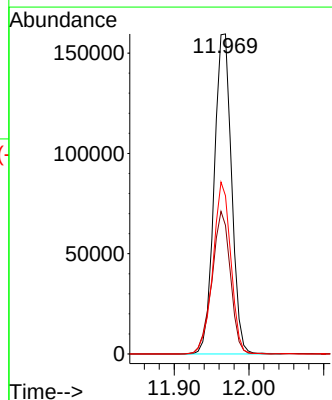
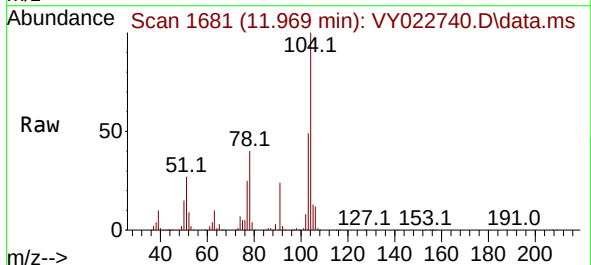
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

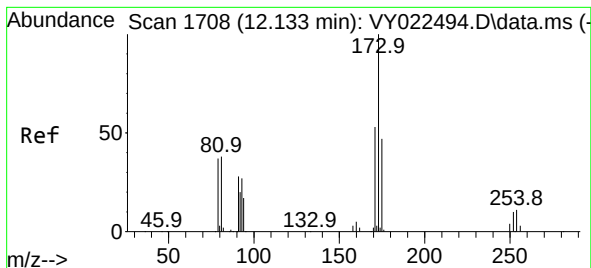
Tgt Ion:106 Resp: 151242
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3



#70
Styrene
Concen: 54.341 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion:104 Resp: 257732
Ion Ratio Lower Upper
104 100
78 47.4 39.5 59.3
103 55.1 44.1 66.1





#71

Bromoform

Concen: 55.496 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

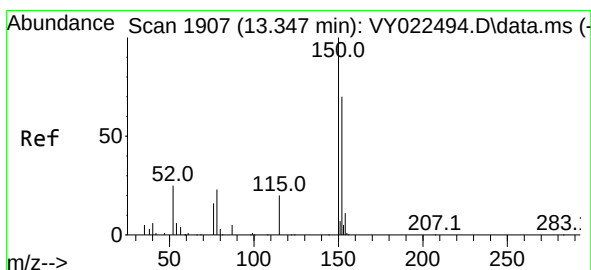
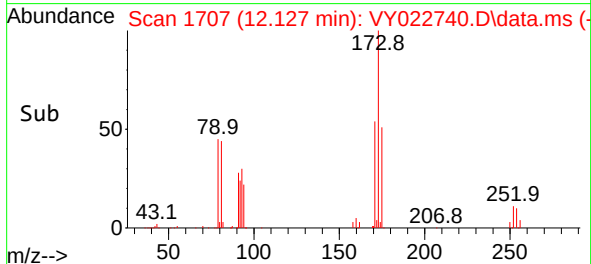
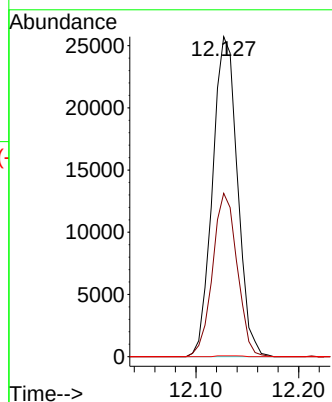
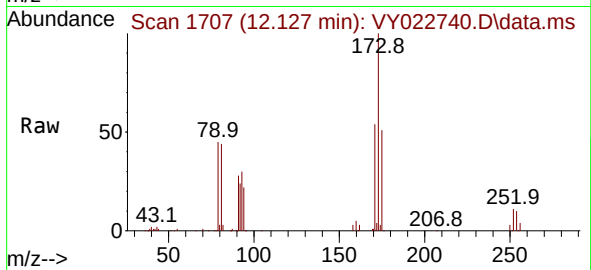
Tgt Ion:173 Resp: 43300

Ion Ratio Lower Upper

173 100

175 50.2 23.8 71.5

254 0.3 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

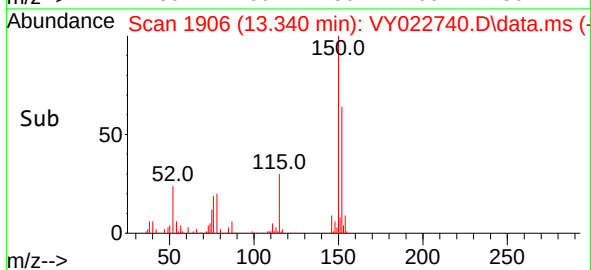
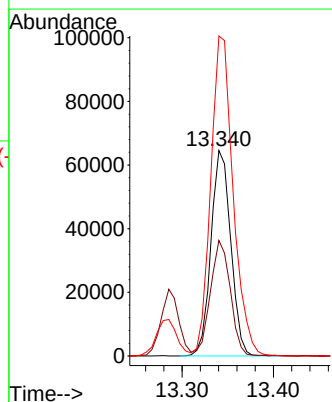
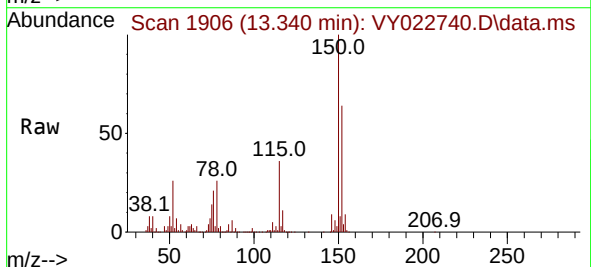
Tgt Ion:152 Resp: 97027

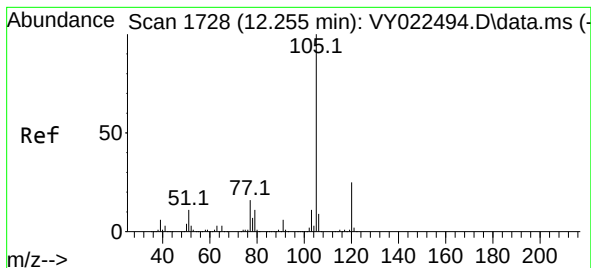
Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 176.0 0.0 349.6





#73

Isopropylbenzene

Concen: 49.664 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

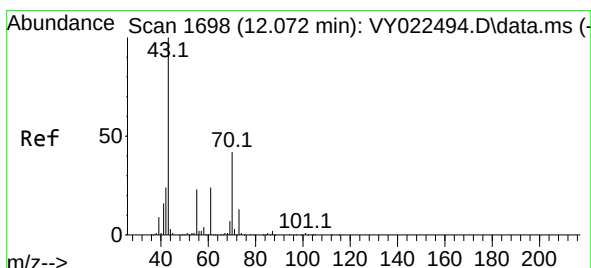
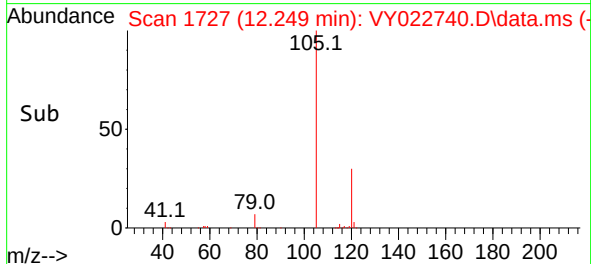
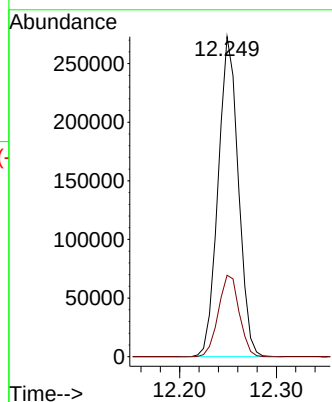
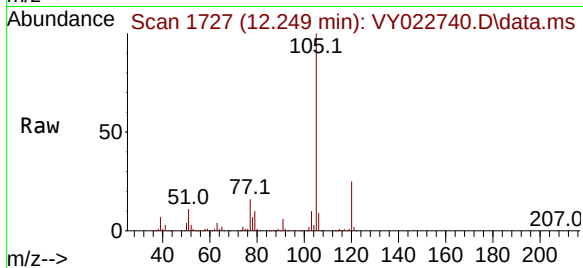
VSTDCCC050EC

Tgt Ion:105 Resp: 395615

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 50.870 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Tgt Ion: 43 Resp: 102247

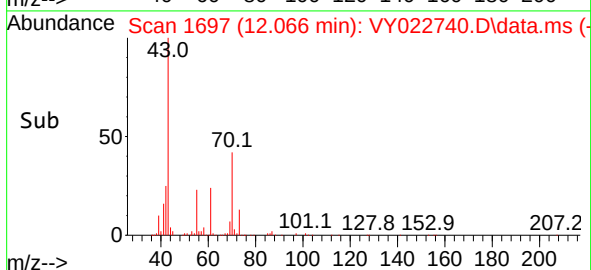
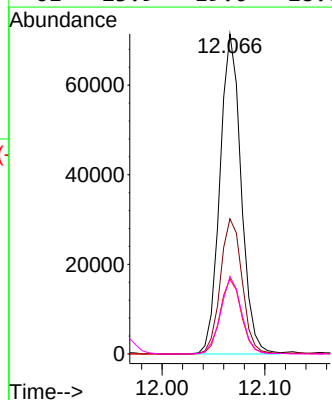
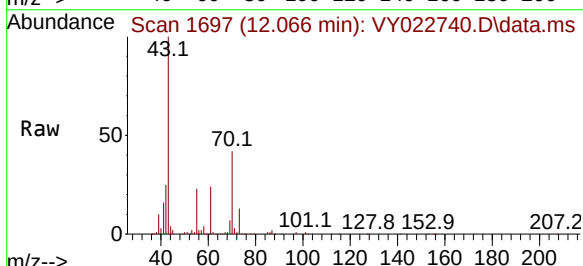
Ion Ratio Lower Upper

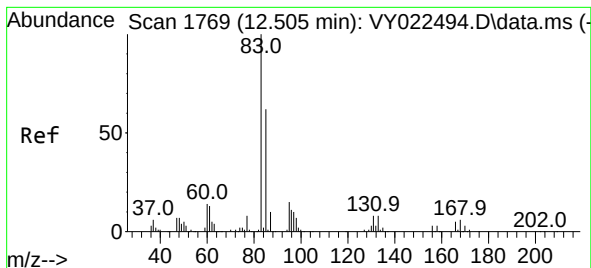
43 100

70 43.4 34.2 51.2

55 23.5 18.2 27.4

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.619 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

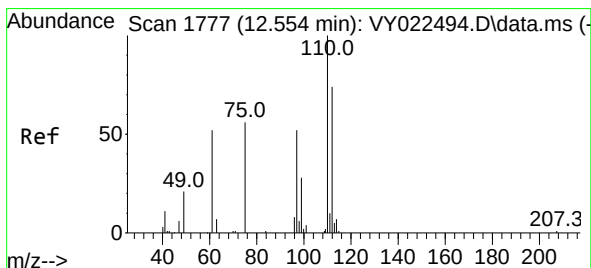
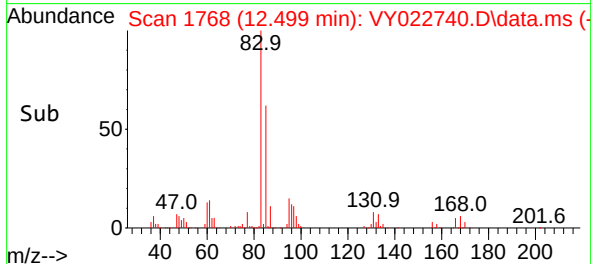
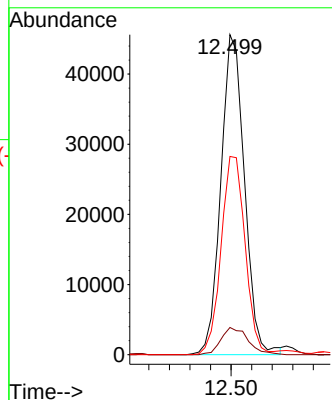
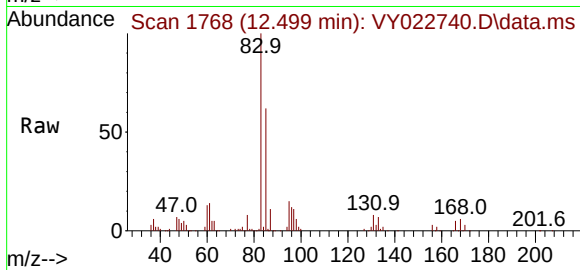
Tgt Ion: 83 Resp: 72717

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

85 63.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 87.006 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022740.D

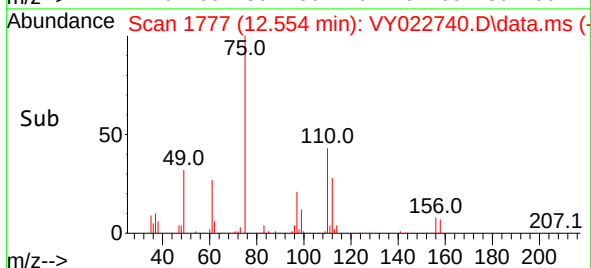
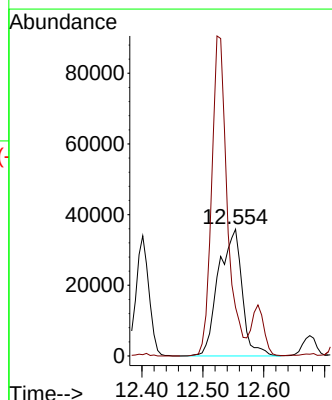
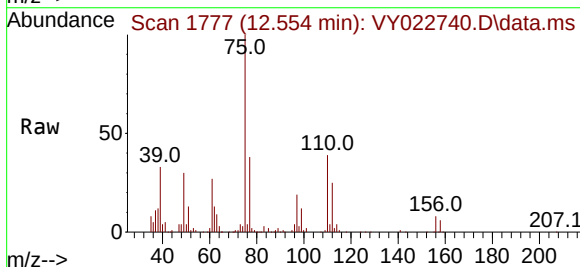
Acq: 18 Jun 2025 16:04

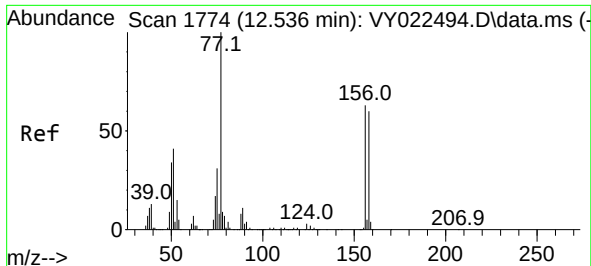
Tgt Ion: 75 Resp: 96579

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

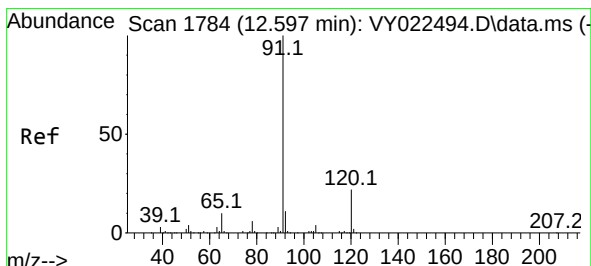
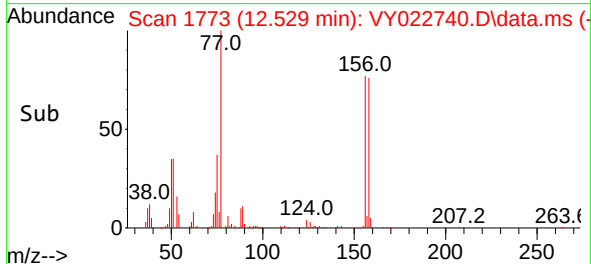
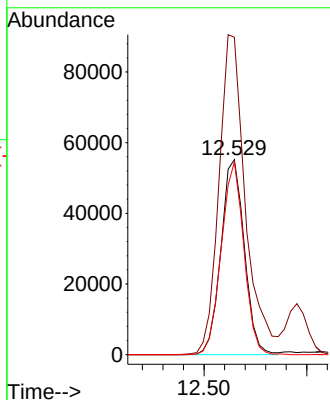
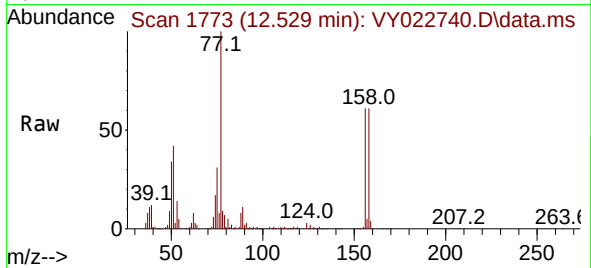




#77
Bromobenzene
Concen: 52.037 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

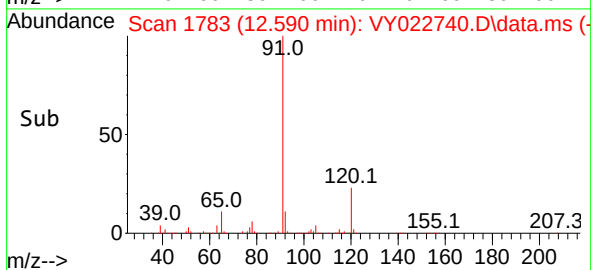
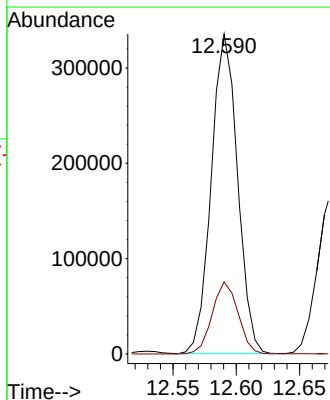
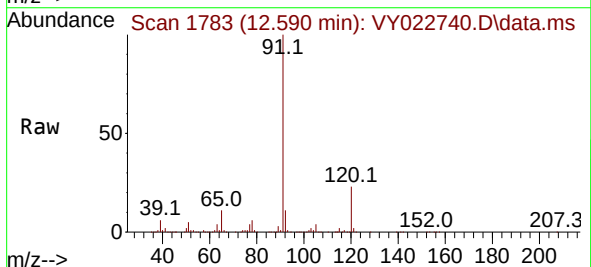
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

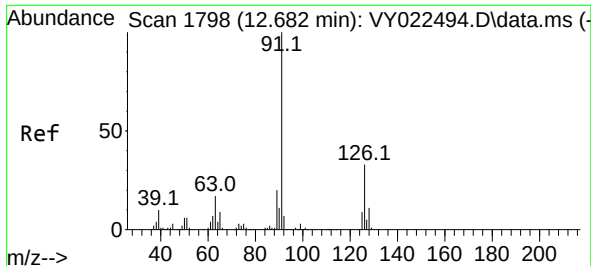
Tgt Ion:156 Resp: 87475
Ion Ratio Lower Upper
156 100
77 185.4 94.0 282.1
158 95.1 48.2 144.6



#78
n-propylbenzene
Concen: 49.821 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 91 Resp: 484729
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4

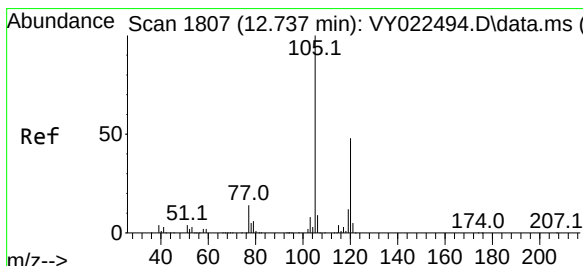
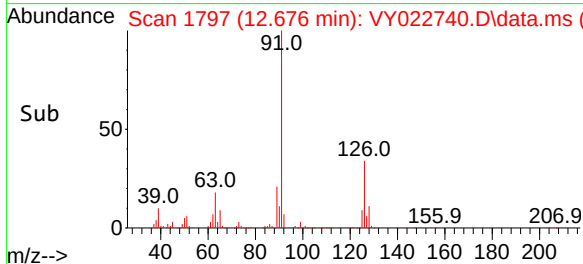
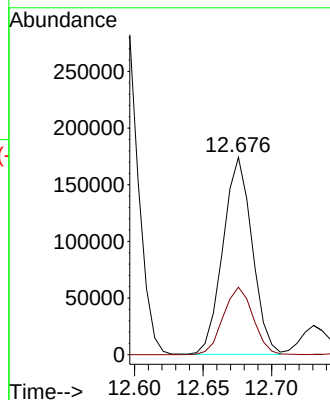
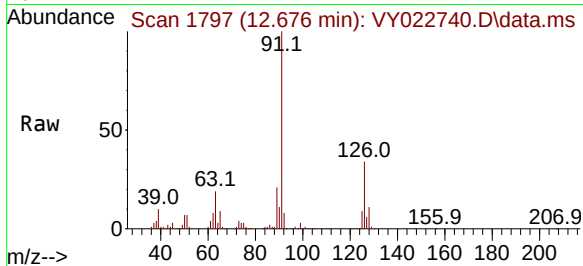




#79
2-Chlorotoluene
Concen: 50.105 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

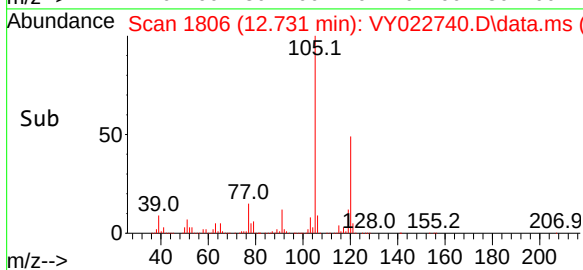
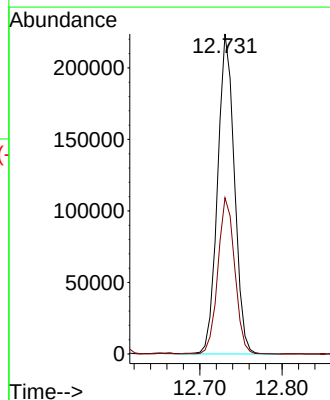
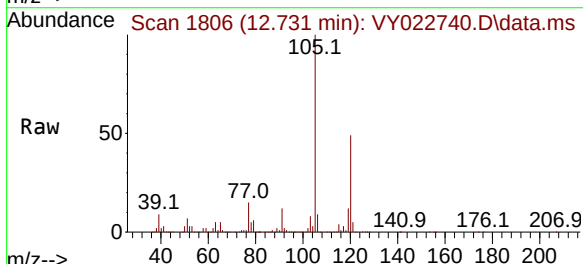
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

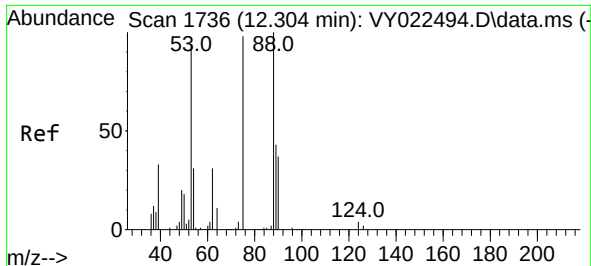
Tgt Ion: 91 Resp: 258376
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.771 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 105 Resp: 317519
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

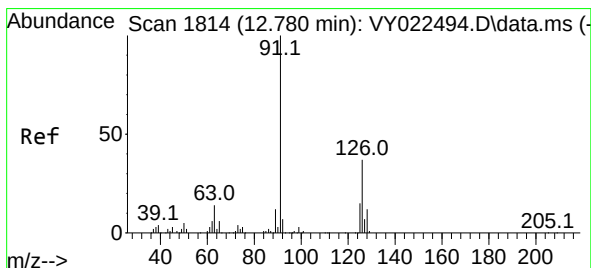
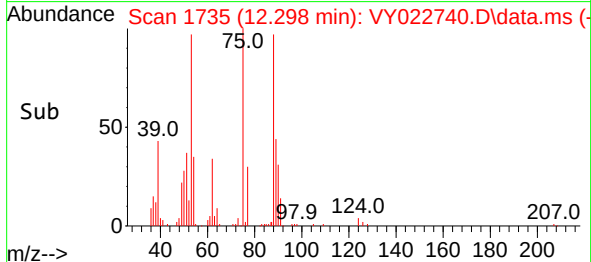
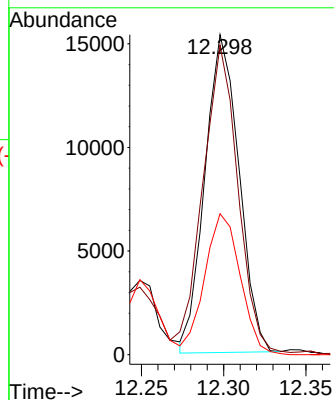
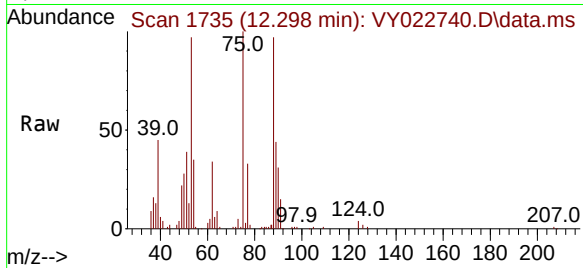




#81
trans-1,4-Dichloro-2-butene
Concen: 48.054 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

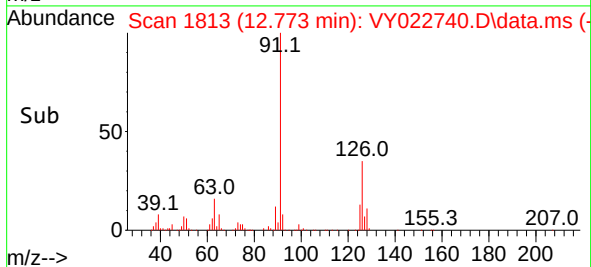
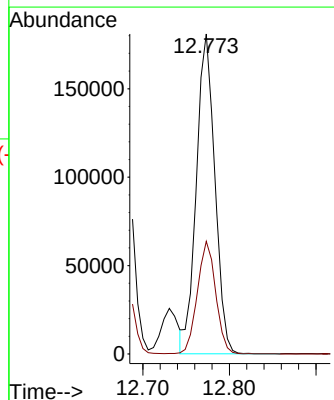
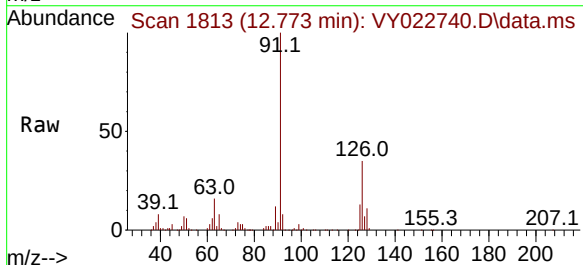
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

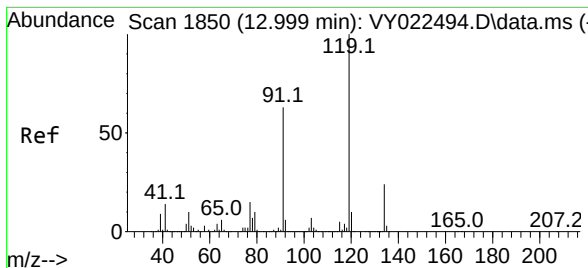
Tgt Ion: 75 Resp: 22088
Ion Ratio Lower Upper
75 100
53 101.8 78.5 117.7
89 46.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 50.332 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 91 Resp: 267750
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.069 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

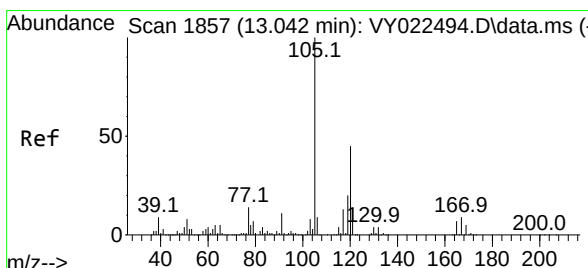
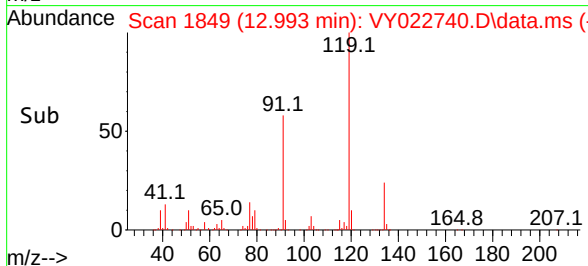
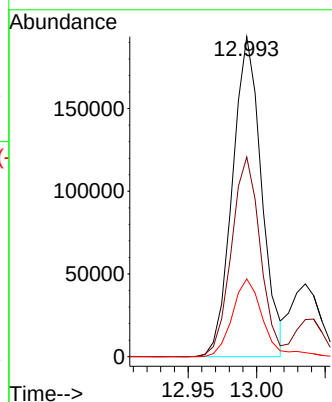
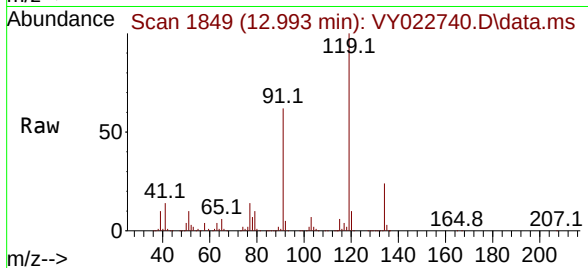
Tgt Ion:119 Resp: 286649

Ion Ratio Lower Upper

119 100

91 61.6 32.1 96.3

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.458 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022740.D

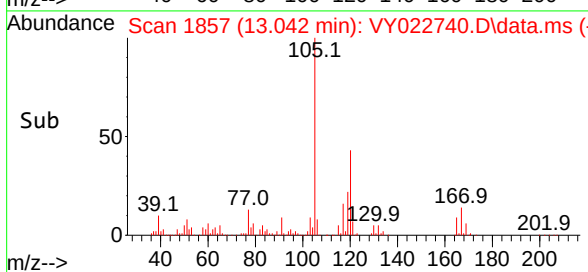
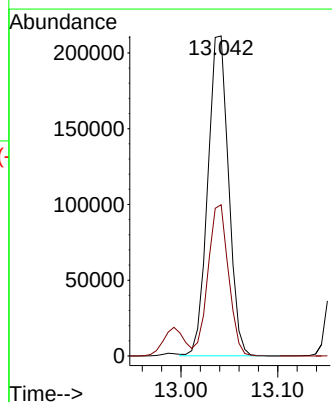
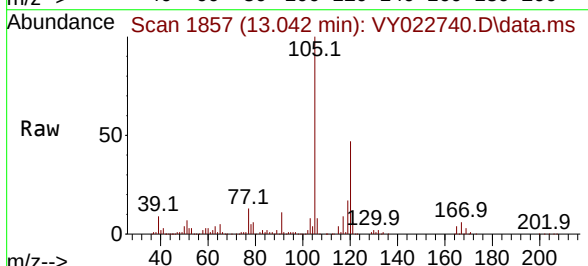
Acq: 18 Jun 2025 16:04

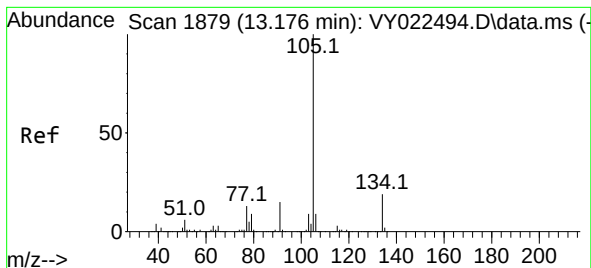
Tgt Ion:105 Resp: 315614

Ion Ratio Lower Upper

105 100

120 46.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.228 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

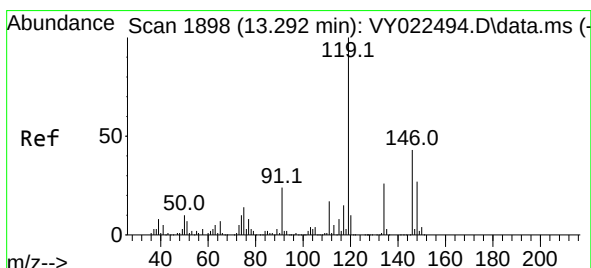
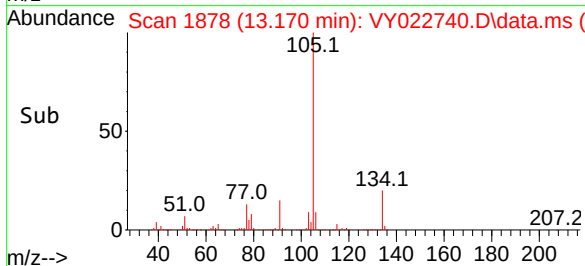
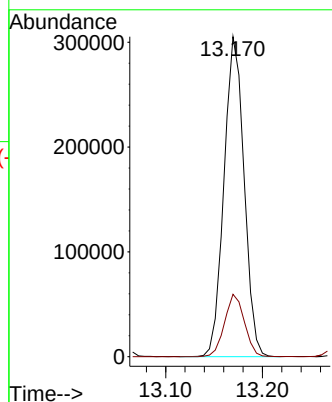
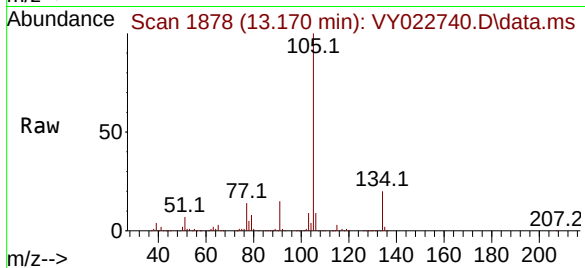
VSTDCCC050EC

Tgt Ion:105 Resp: 440384

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.327 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

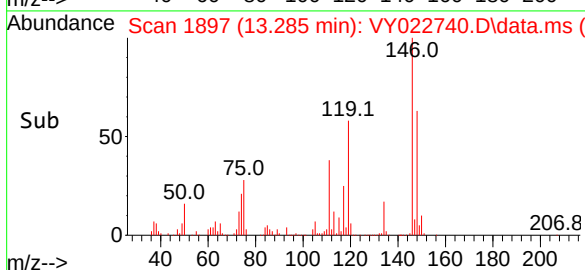
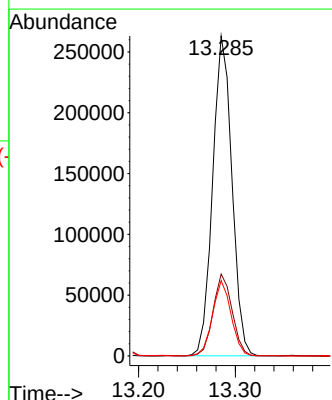
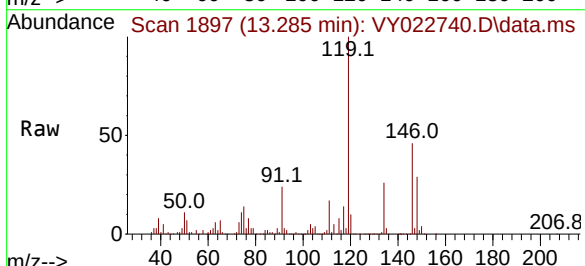
Tgt Ion:119 Resp: 363702

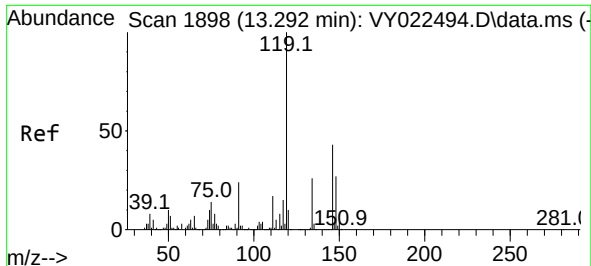
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

91 22.7 11.6 34.8

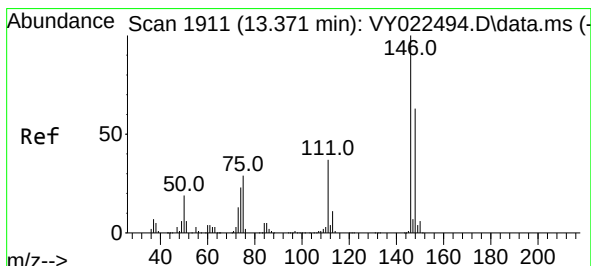
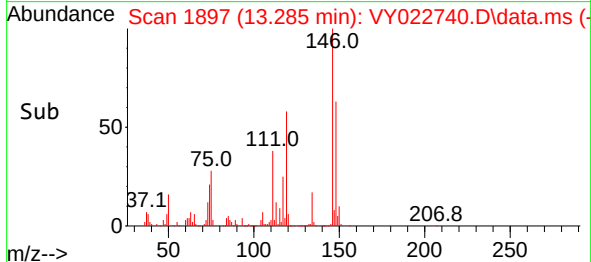
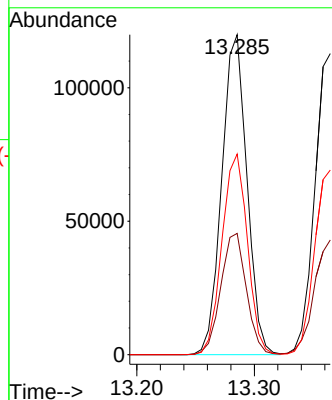
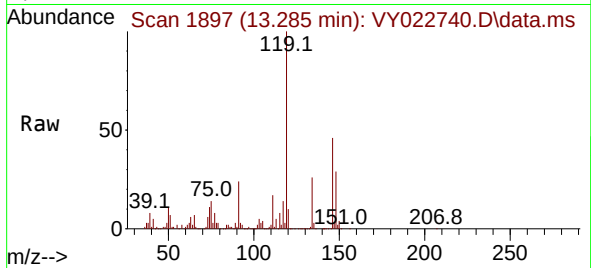




#87
 1,3-Dichlorobenzene
 Concen: 52.389 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

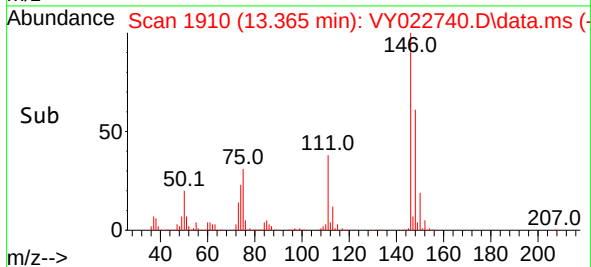
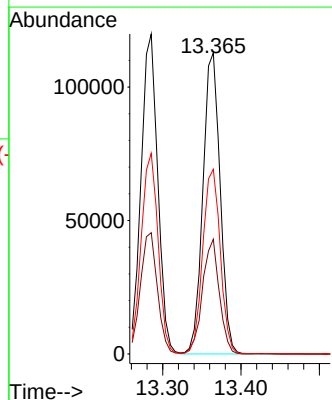
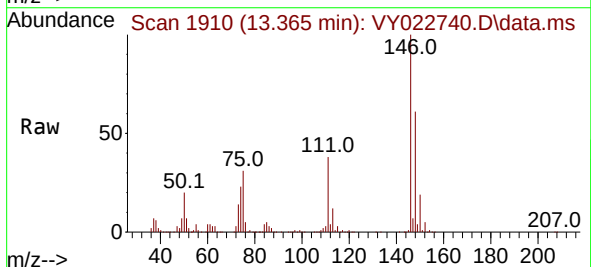
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

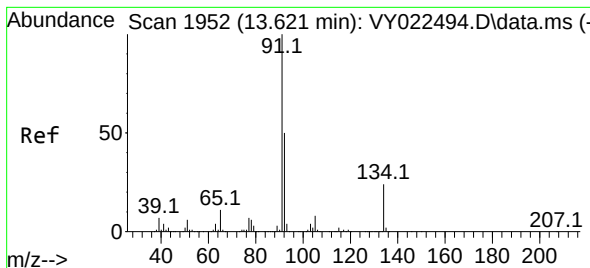
Tgt Ion:146 Resp: 178428
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.1 60.2
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.135 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022740.D
 Acq: 18 Jun 2025 16:04

Tgt Ion:146 Resp: 172223
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.4 58.2
 148 62.5 31.6 94.8





#89

n-Butylbenzene

Concen: 51.189 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

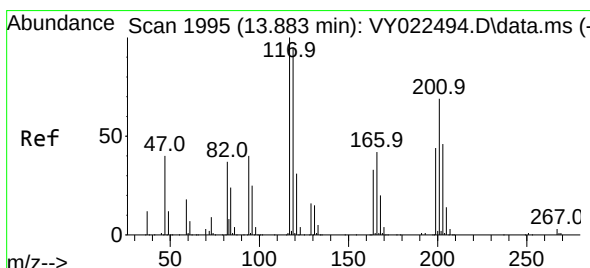
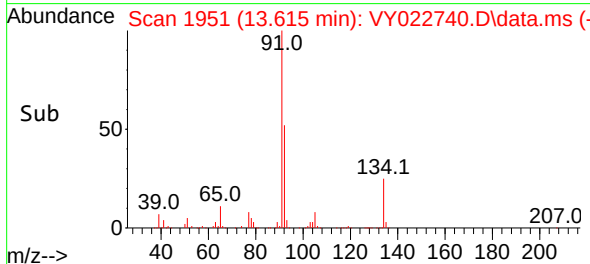
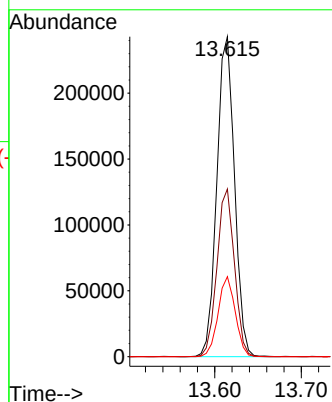
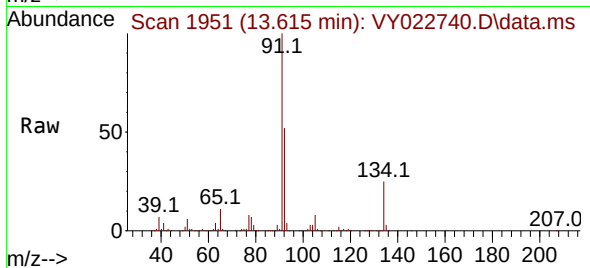
Tgt Ion: 91 Resp: 344138

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 24.4 12.0 36.1



#90

Hexachloroethane

Concen: 52.278 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022740.D

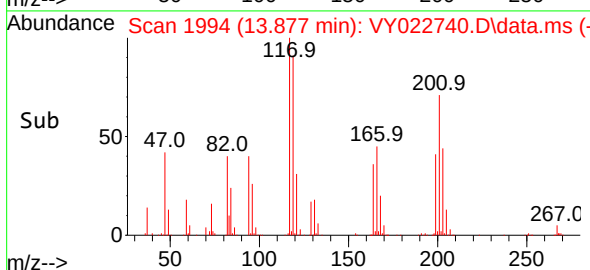
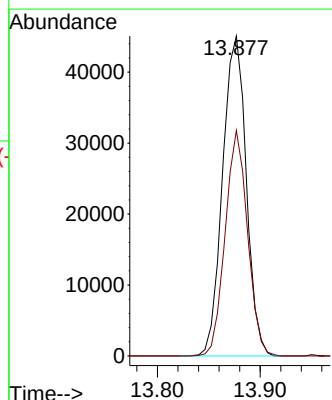
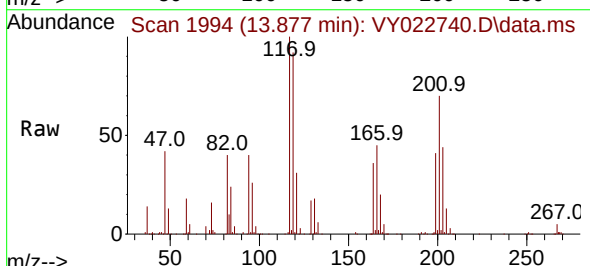
Acq: 18 Jun 2025 16:04

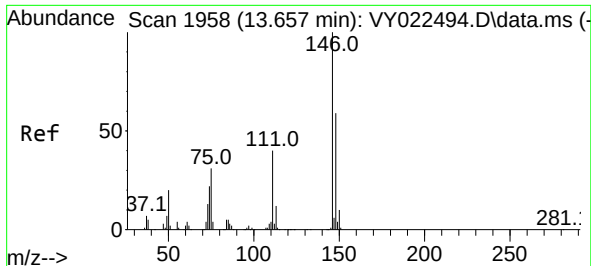
Tgt Ion: 117 Resp: 72118

Ion Ratio Lower Upper

117 100

201 66.5 34.0 102.0

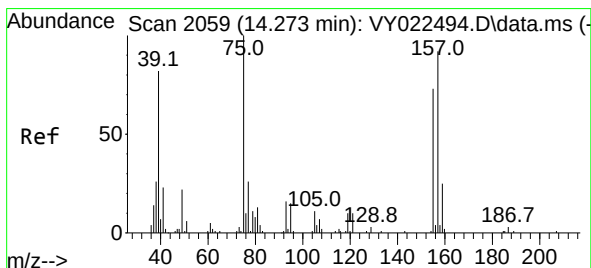
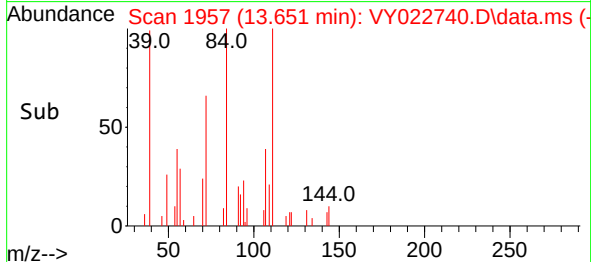
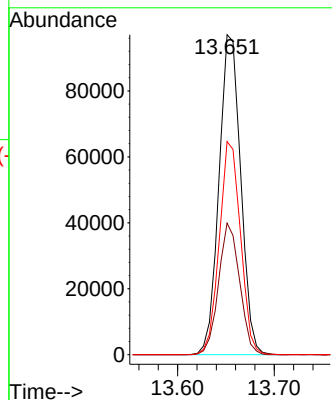
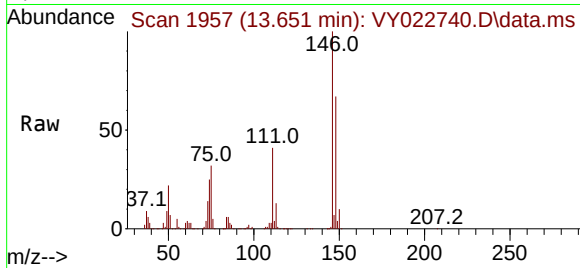




#91
1,2-Dichlorobenzene
Concen: 52.306 ug/l
RT: 13.651 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

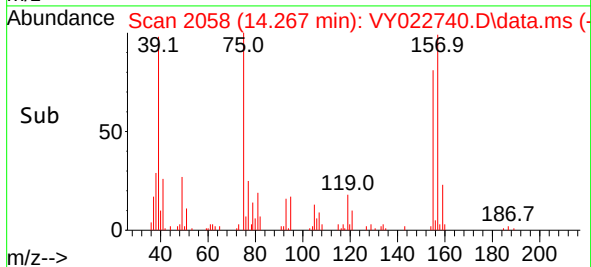
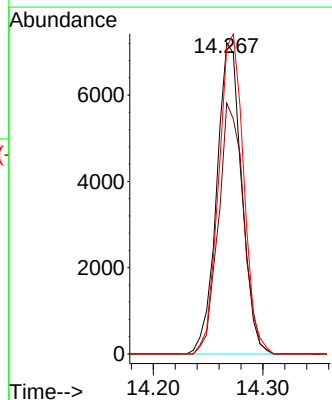
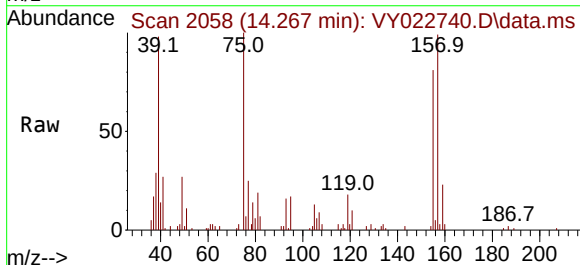
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

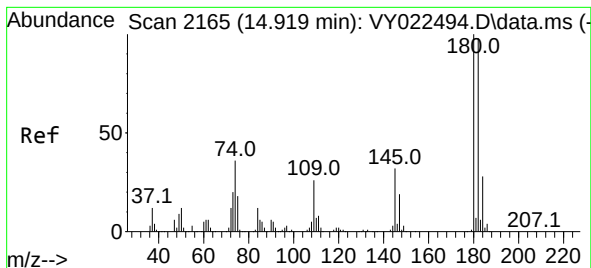
Tgt Ion:146 Resp: 151254
Ion Ratio Lower Upper
146 100
111 39.9 20.2 60.6
148 65.1 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.942 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022740.D
Acq: 18 Jun 2025 16:04

Tgt Ion: 75 Resp: 11410
Ion Ratio Lower Upper
75 100
155 81.2 39.9 119.6
157 102.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.570 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

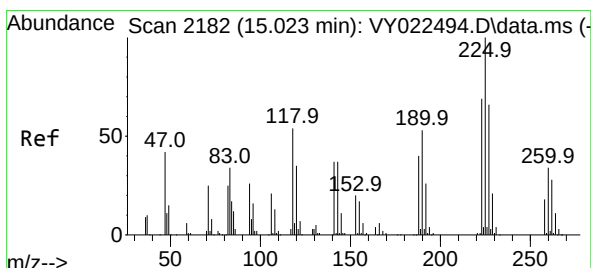
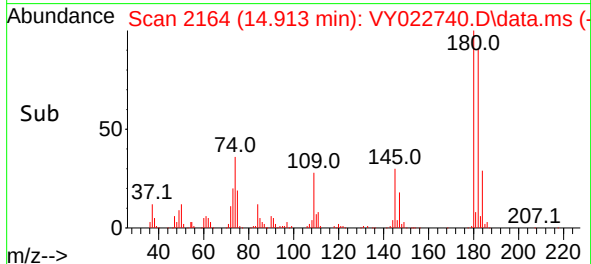
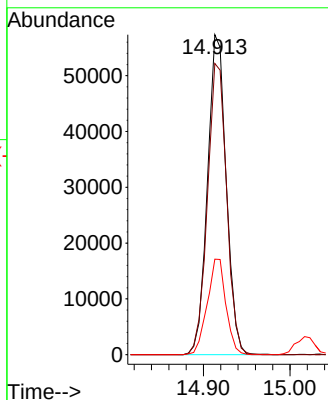
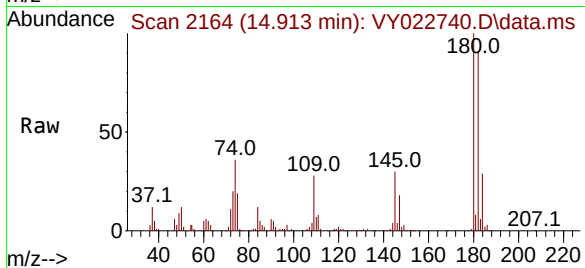
Tgt Ion:180 Resp: 86063

Ion Ratio Lower Upper

180 100

182 93.5 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 54.224 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

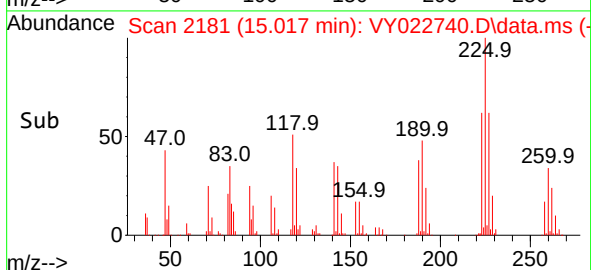
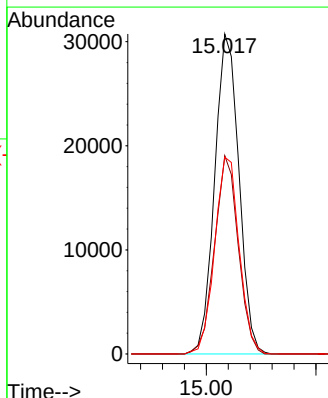
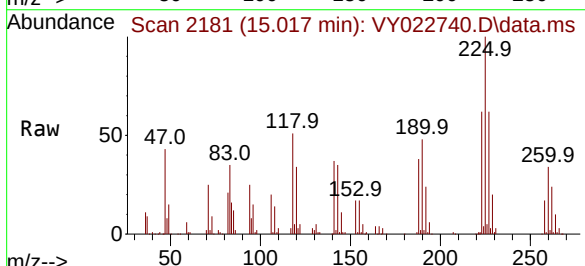
Tgt Ion:225 Resp: 47200

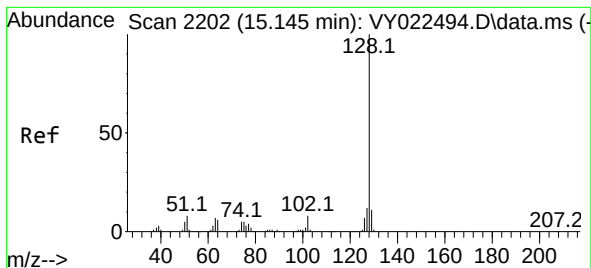
Ion Ratio Lower Upper

225 100

223 60.8 32.5 97.4

227 62.2 32.3 96.9





#95

Naphthalene

Concen: 60.007 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

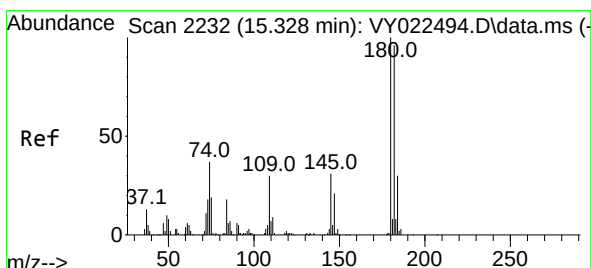
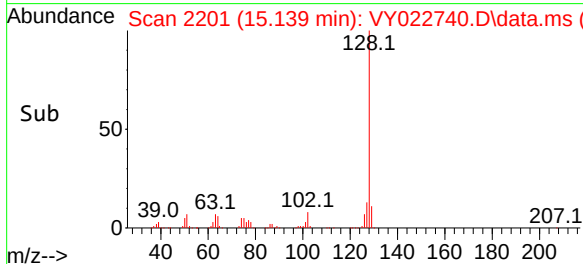
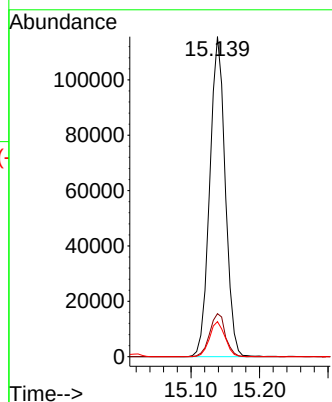
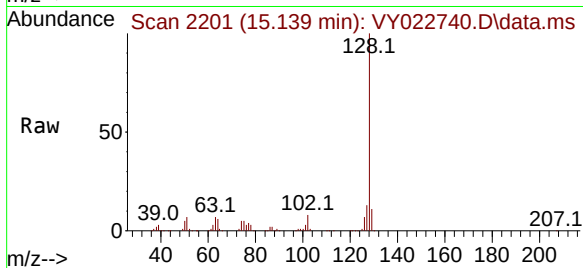
Tgt Ion:128 Resp: 181611

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 56.445 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022740.D

Acq: 18 Jun 2025 16:04

Tgt Ion:180 Resp: 76291

Ion Ratio Lower Upper

180 100

182 92.0 47.1 141.3

145 30.2 15.2 45.6

