

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022208.D
 Acq On : 12 May 2025 08:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 13 02:13:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	232841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	342821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	319177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102850	47.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.640%
35) Dibromofluoromethane	7.634	113	115429	50.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.940%
50) Toluene-d8	10.109	98	444190	52.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.407	95	150152	52.238	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85958	43.325	ug/l	98
3) Chloromethane	2.068	50	125781	44.523	ug/l	97
4) Vinyl Chloride	2.202	62	168837	48.634	ug/l	99
5) Bromomethane	2.598	94	129535	43.309	ug/l	100
6) Chloroethane	2.738	64	119213	50.422	ug/l	100
7) Trichlorofluoromethane	3.055	101	216013	47.187	ug/l	100
8) Diethyl Ether	3.452	74	54445	45.694	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	124918	50.303	ug/l	99
10) Methyl Iodide	4.000	142	143576	49.936	ug/l	98
11) Tert butyl alcohol	4.860	59	26088	220.949	ug/l	99
12) 1,1-Dichloroethene	3.793	96	110000	47.522	ug/l	98
13) Acrolein	3.653	56	11369	53.648	ug/l	93
14) Allyl chloride	4.385	41	138379	51.343	ug/l	97
15) Acrylonitrile	5.061	53	103963	238.339	ug/l	98
16) Acetone	3.872	43	74958	267.790	ug/l	94
17) Carbon Disulfide	4.104	76	337490	45.728	ug/l	99
18) Methyl Acetate	4.385	43	57830	57.563	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	253580	48.947	ug/l	99
20) Methylene Chloride	4.616	84	126252	46.424	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	128051	49.397	ug/l	94
22) Diisopropyl ether	6.018	45	322249	53.727	ug/l	98
23) Vinyl Acetate	5.964	43	823801	254.853	ug/l	99
24) 1,1-Dichloroethane	5.915	63	214522	51.599	ug/l	98
25) 2-Butanone	6.896	43	118647	242.016	ug/l	97
26) 2,2-Dichloropropane	6.884	77	195306	53.598	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	145468	50.186	ug/l	97
28) Bromochloromethane	7.244	49	82490	51.082	ug/l	98
29) Tetrahydrofuran	7.262	42	79250	248.897	ug/l	99
30) Chloroform	7.421	83	238601	51.740	ug/l	99
31) Cyclohexane	7.701	56	178841	50.303	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	215820	51.729	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166749	54.810	ug/l	98
37) Ethyl Acetate	6.982	43	54483	49.863	ug/l	98
38) Carbon Tetrachloride	7.817	117	201296	55.372	ug/l	99
39) Methylcyclohexane	9.109	83	207489	54.195	ug/l	96
40) Benzene	8.079	78	513287	53.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	28075	47.003	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	127444	54.126	ug/l	100
43) Isopropyl Acetate	8.195	43	105256	50.161	ug/l	99
44) Trichloroethene	8.865	130	138185	52.459	ug/l	97
45) 1,2-Dichloropropane	9.140	63	117678	55.954	ug/l	97
46) Dibromomethane	9.231	93	69247	52.598	ug/l	98
47) Bromodichloromethane	9.420	83	182796	55.580	ug/l	96
48) Methyl methacrylate	9.219	41	52631	54.257	ug/l	95
49) 1,4-Dioxane	9.231	88	13873	988.661	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	299793	272.545	ug/l	98
52) Toluene	10.170	92	346566	56.297	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	151949	53.863	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	183317	54.666	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	93666	53.262	ug/l	98
56) Ethyl methacrylate	10.438	69	105300	52.361	ug/l	97
57) 1,3-Dichloropropane	10.719	76	155896	55.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	268201	272.765	ug/l	99
59) 2-Hexanone	10.761	43	195254	269.120	ug/l	97
60) Dibromochloromethane	10.914	129	131396	53.967	ug/l	99
61) 1,2-Dibromoethane	11.017	107	87985	52.996	ug/l	99
64) Tetrachloroethene	10.646	164	155716	51.716	ug/l	99
65) Chlorobenzene	11.444	112	381251	53.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	136702	54.401	ug/l	99
67) Ethyl Benzene	11.517	91	647066	55.419	ug/l	100
68) m/p-Xylenes	11.627	106	520881	112.111	ug/l	100
69) o-Xylene	11.956	106	238450	55.683	ug/l	100
70) Styrene	11.969	104	411045	57.168	ug/l	99
71) Bromoform	12.133	173	77033	52.728	ug/l #	99
73) Isopropylbenzene	12.255	105	635730	53.854	ug/l	100
74) N-amyl acetate	12.072	43	99228	48.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	100214	50.353	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	132388	87.476	ug/l #	100
77) Bromobenzene	12.536	156	152204	51.026	ug/l	98
78) n-propylbenzene	12.596	91	767016	54.561	ug/l	100
79) 2-Chlorotoluene	12.682	91	436335	53.370	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	533502	54.851	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	32109	51.091	ug/l	98
82) 4-Chlorotoluene	12.779	91	455866	53.639	ug/l	100
83) tert-Butylbenzene	12.999	119	473011	54.225	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	529673	54.445	ug/l	100
85) sec-Butylbenzene	13.176	105	703839	55.140	ug/l	100
86) p-Isopropyltoluene	13.291	119	596949	55.074	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	317420	52.394	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	308858	51.475	ug/l	99
89) n-Butylbenzene	13.621	91	528105	54.509	ug/l	99
90) Hexachloroethane	13.877	117	125426	52.668	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	272765	51.620	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14824	46.816	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	146994	49.091	ug/l	99
94) Hexachlorobutadiene	15.023	225	92861	50.405	ug/l	100
95) Naphthalene	15.145	128	233741	46.992	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	127984	49.516	ug/l	98

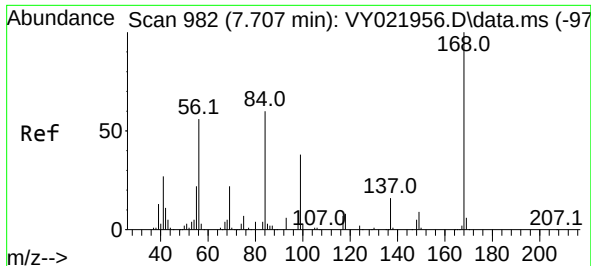
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
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Response via : Initial Calibration

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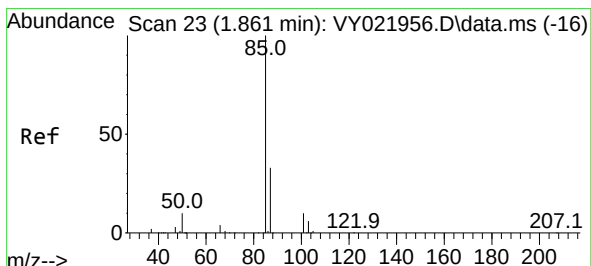
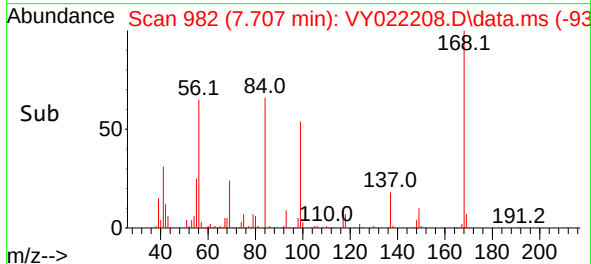
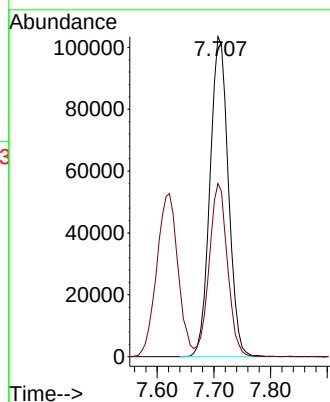
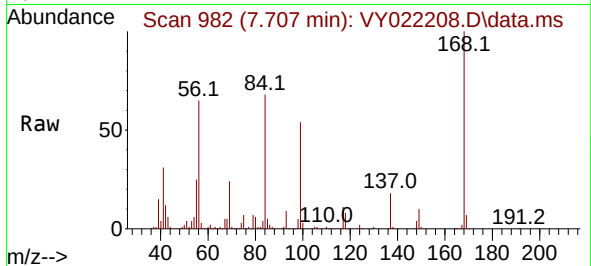
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

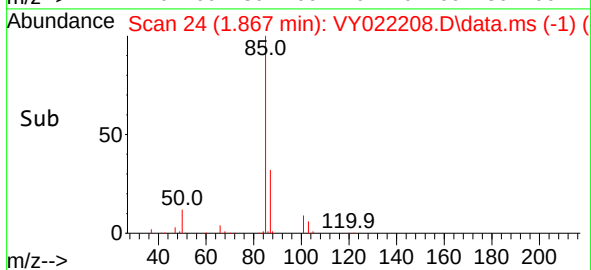
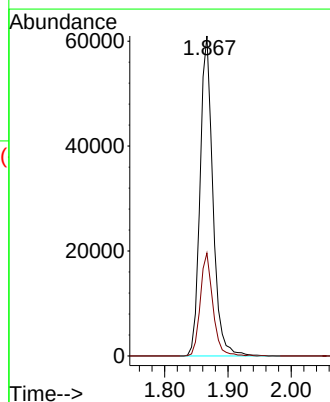
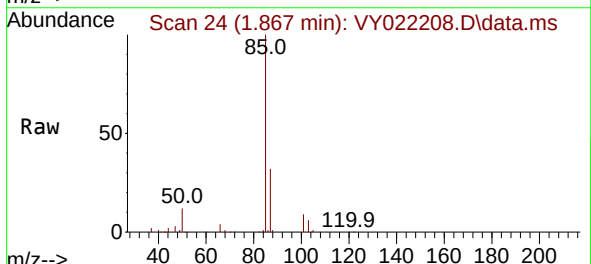
Instrument :
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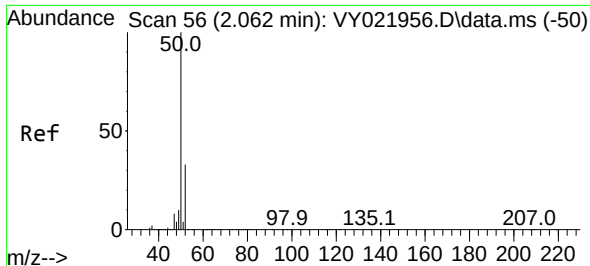
Tgt Ion:168 Resp: 232841
Ion Ratio Lower Upper
168 100
99 54.0 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 43.325 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 85 Resp: 85958
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7

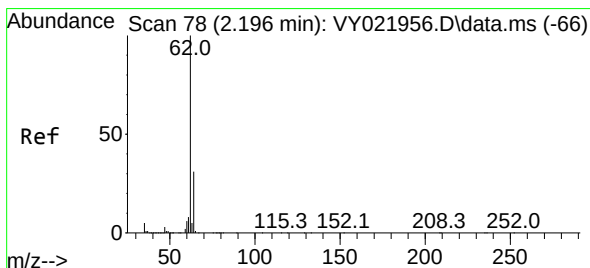
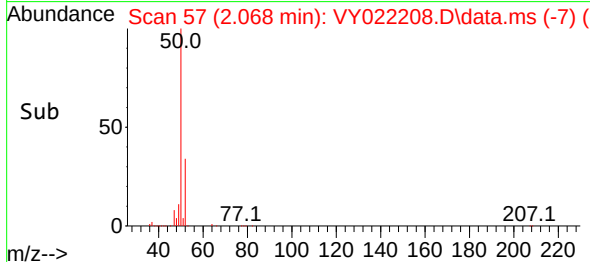
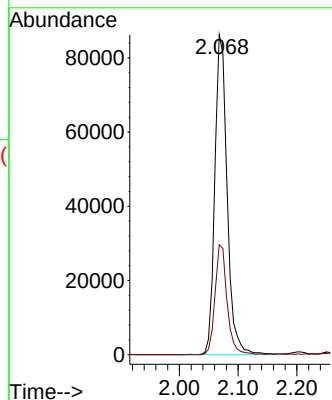
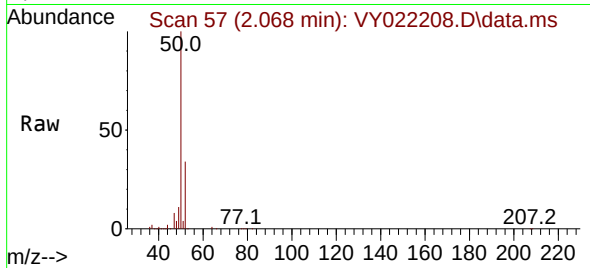




#3
Chloromethane
Concen: 44.523 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

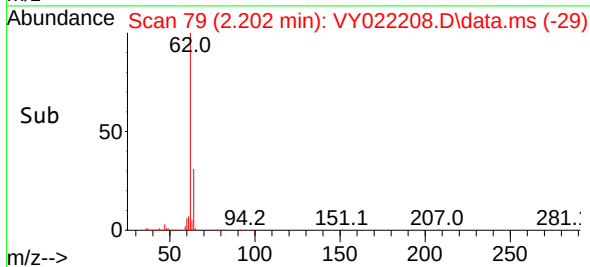
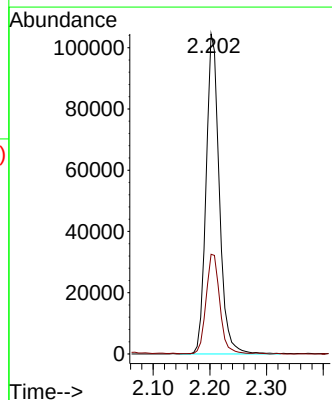
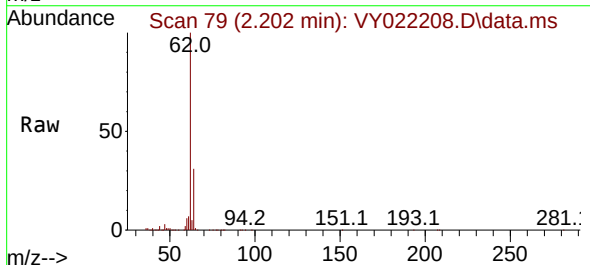
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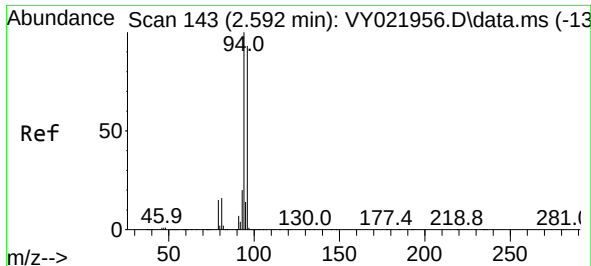
Tgt Ion: 50 Resp: 125781
Ion Ratio Lower Upper
50 100
52 34.4 26.1 39.1



#4
Vinyl Chloride
Concen: 48.634 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 62 Resp: 168837
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7

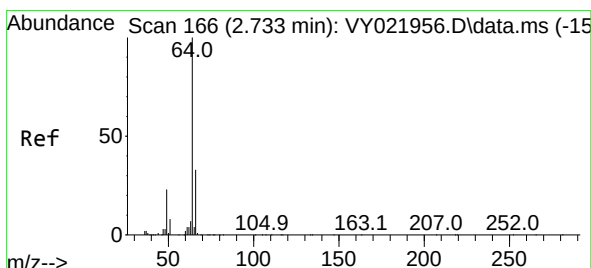
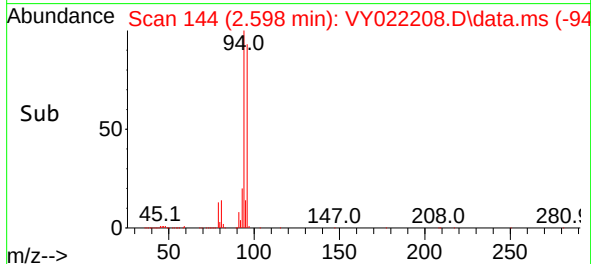
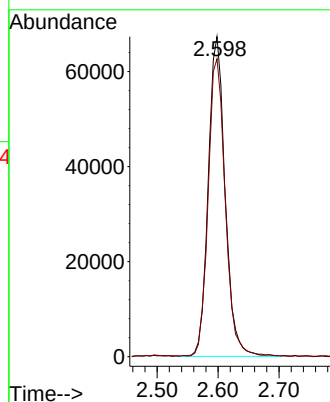
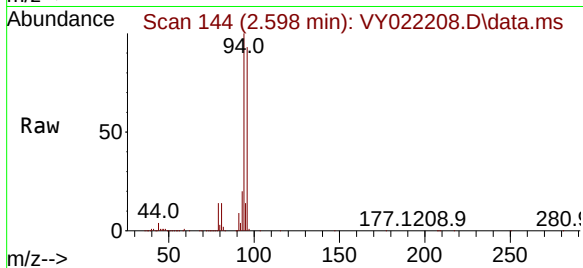




#5
Bromomethane
Concen: 43.309 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

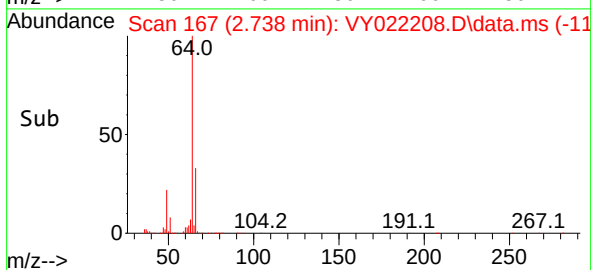
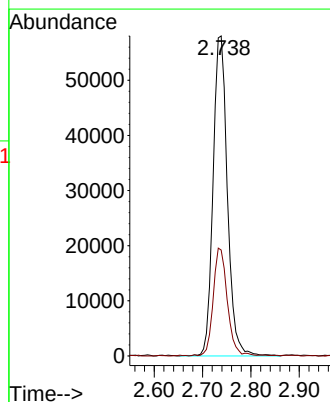
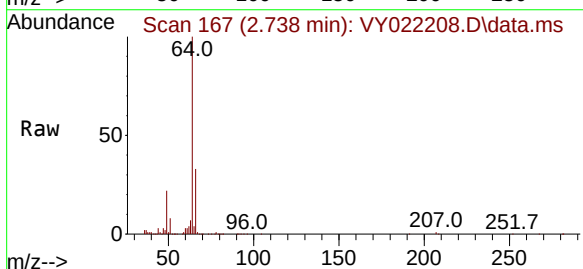
Instrument :
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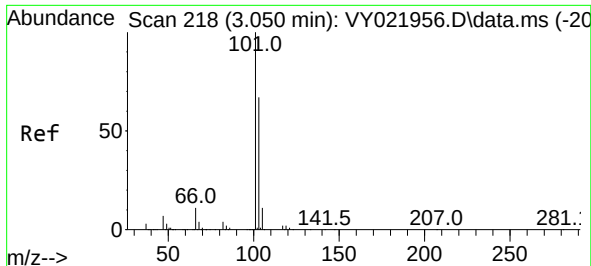
Tgt Ion: 94 Resp: 129535
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8



#6
Chloroethane
Concen: 50.422 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 64 Resp: 119213
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4

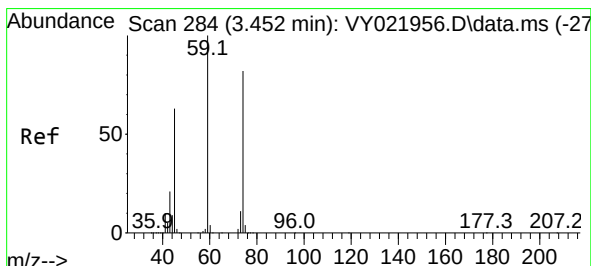
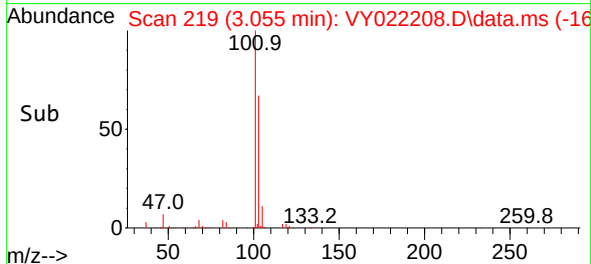
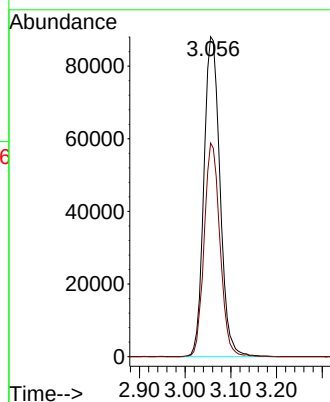
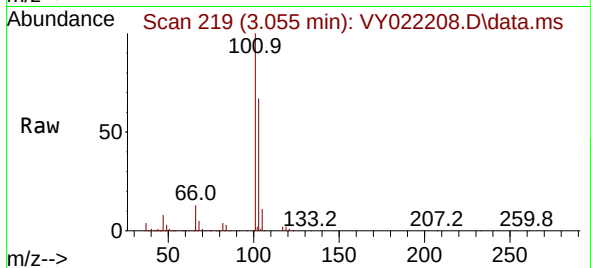




#7
Trichlorofluoromethane
Concen: 47.187 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022208.D
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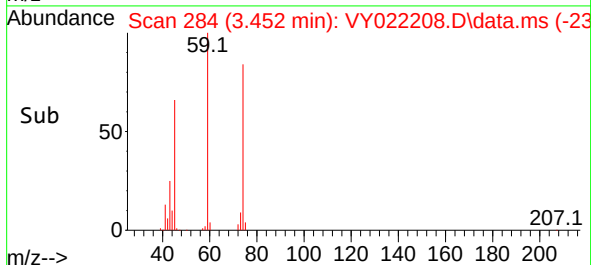
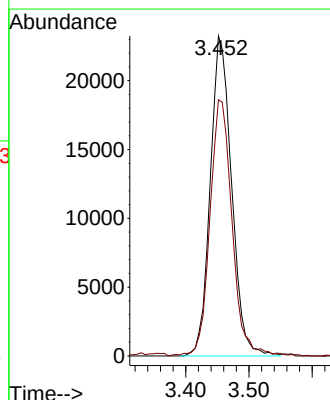
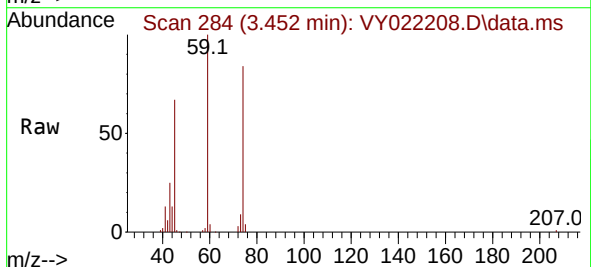
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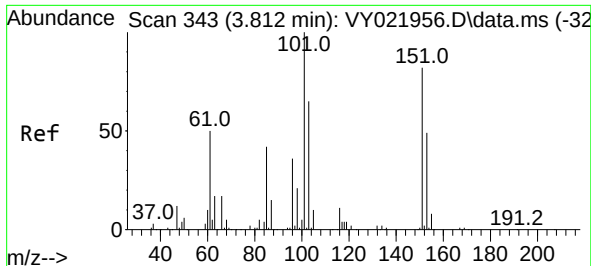
Tgt Ion:101 Resp: 216013
Ion Ratio Lower Upper
101 100
103 66.8 53.6 80.4



#8
Diethyl Ether
Concen: 45.694 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 74 Resp: 54445
Ion Ratio Lower Upper
74 100
45 83.0 39.1 117.5

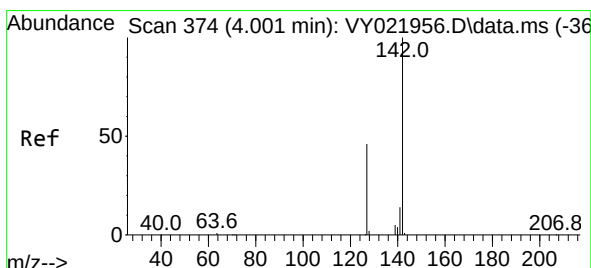
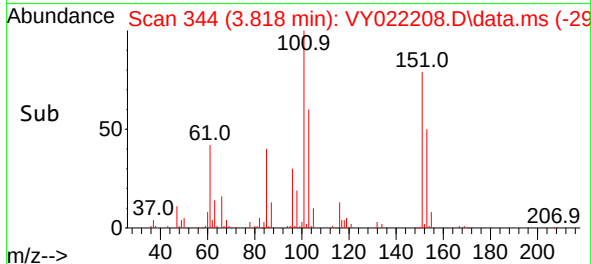
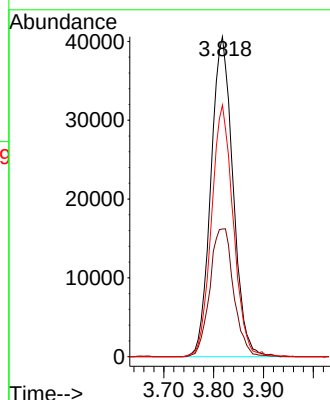
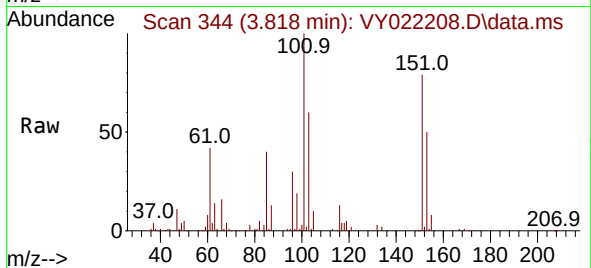




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.303 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
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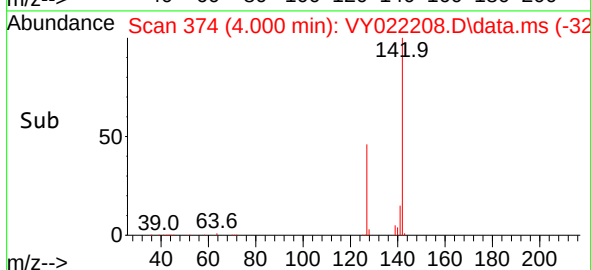
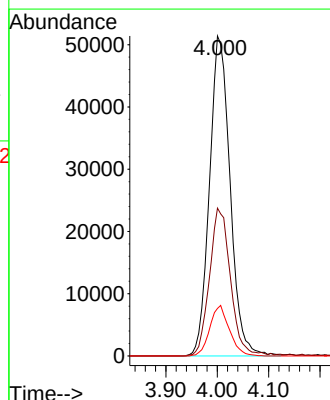
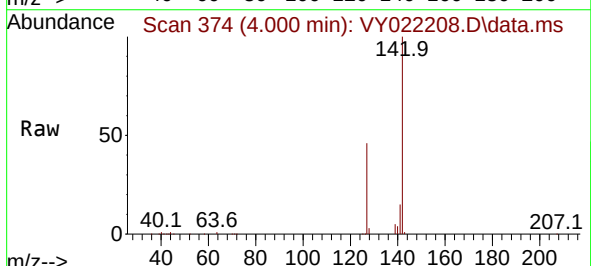
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

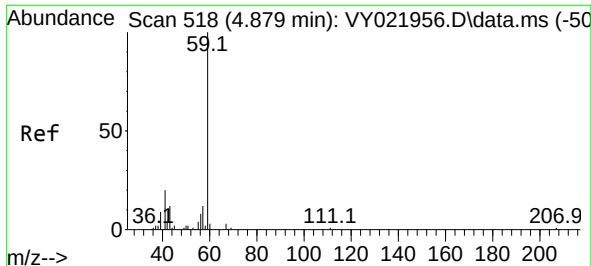
Tgt Ion:101 Resp: 124918
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 77.8 63.7 95.5



#10
Methyl Iodide
Concen: 49.936 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion:142 Resp: 143576
Ion Ratio Lower Upper
142 100
127 47.1 36.2 54.2
141 15.0 11.7 17.5

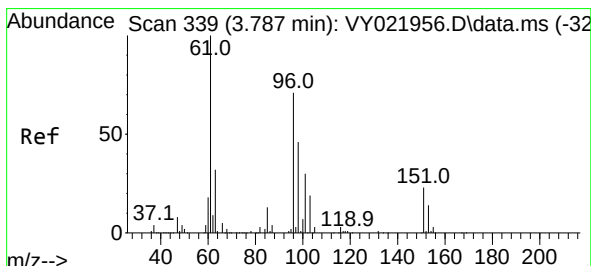
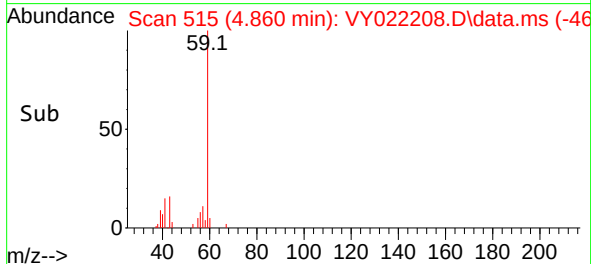
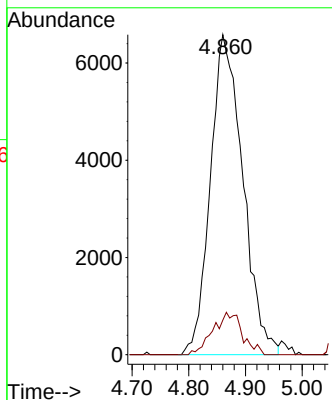
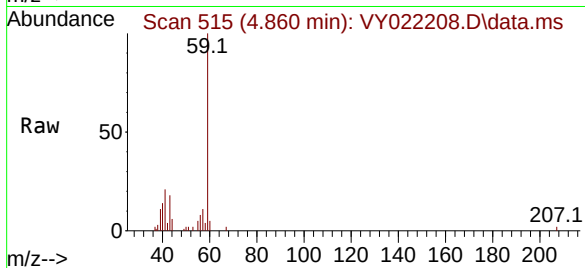




#11
Tert butyl alcohol
Concen: 220.949 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

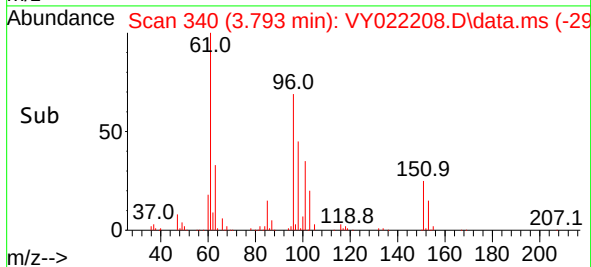
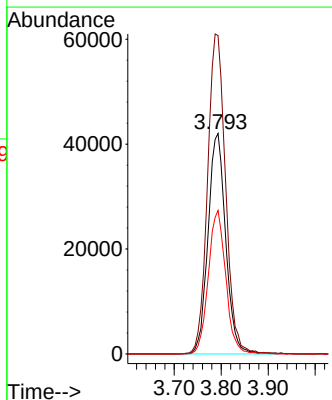
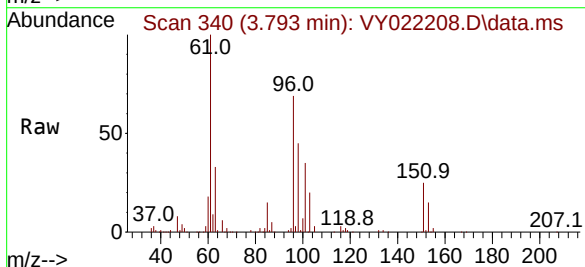
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

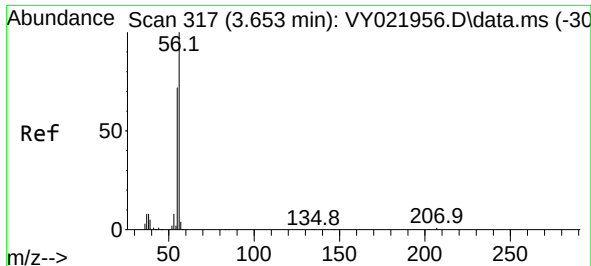
Tgt Ion: 59 Resp: 26088
Ion Ratio Lower Upper
59 100
57 12.0 9.3 13.9



#12
1,1-Dichloroethene
Concen: 47.522 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 96 Resp: 110000
Ion Ratio Lower Upper
96 100
61 144.4 113.0 169.4
98 65.1 51.4 77.2

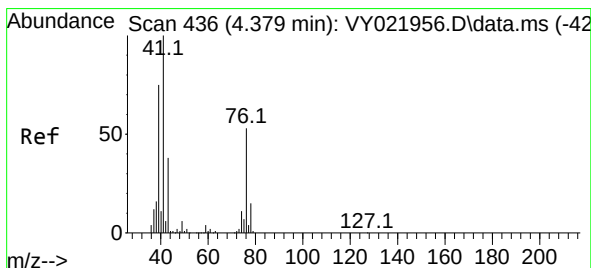
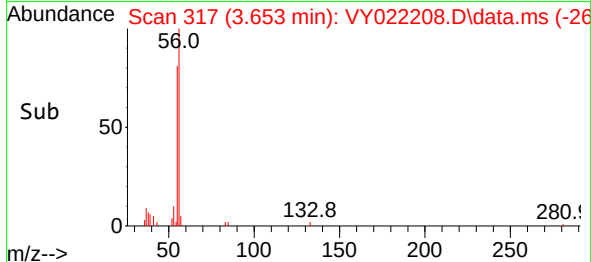
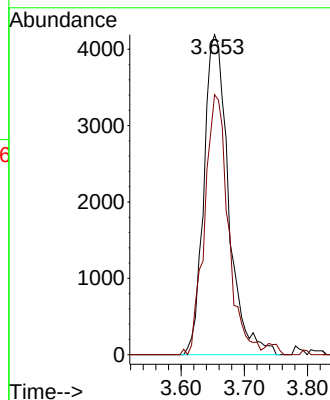
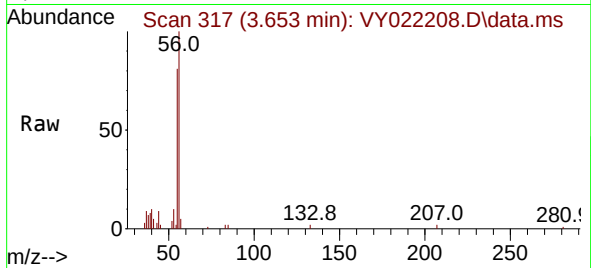




#13
Acrolein
Concen: 53.648 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

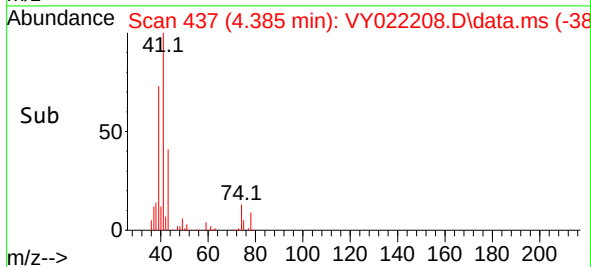
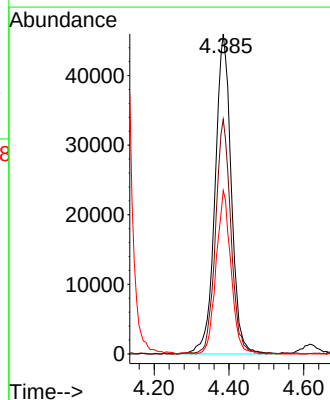
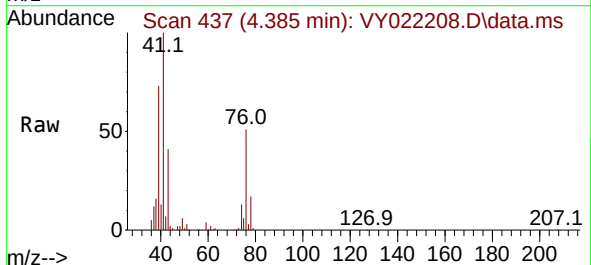
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

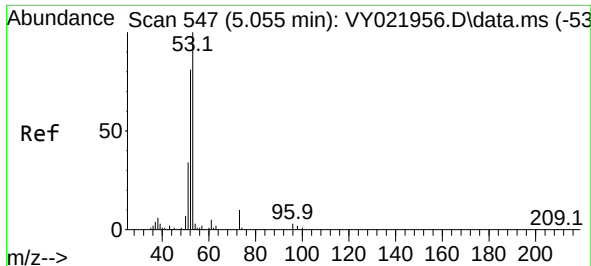
Tgt Ion: 56 Resp: 11369
Ion Ratio Lower Upper
56 100
55 77.9 57.4 86.0



#14
Allyl chloride
Concen: 51.343 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 41 Resp: 138379
Ion Ratio Lower Upper
41 100
39 69.8 57.2 85.8
76 46.6 39.7 59.5

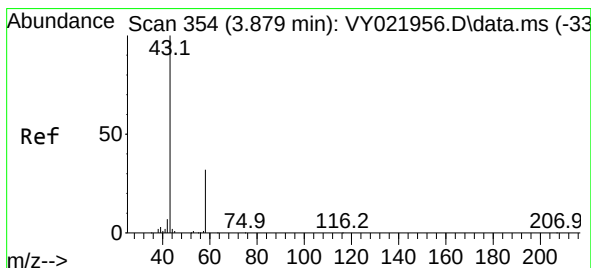
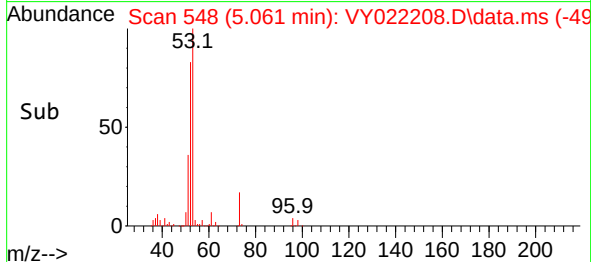
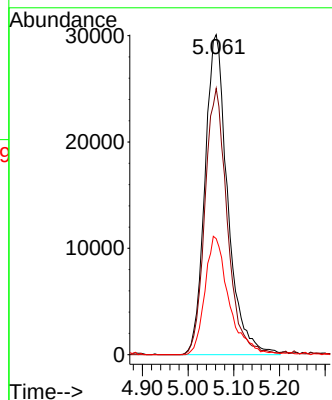
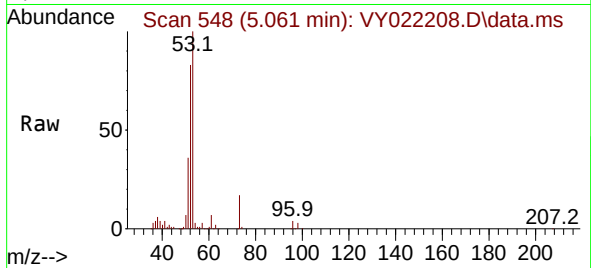




#15
Acrylonitrile
Concen: 238.339 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

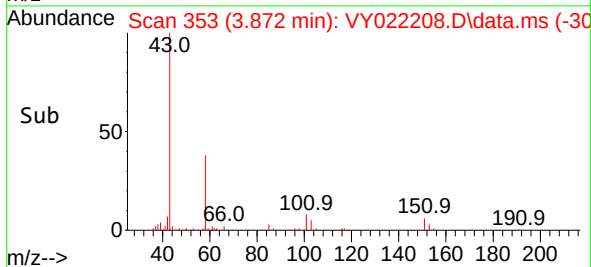
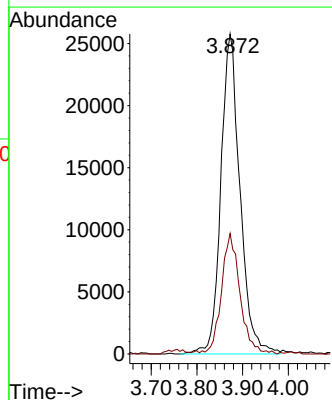
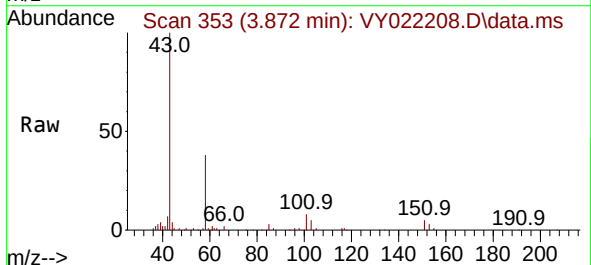
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

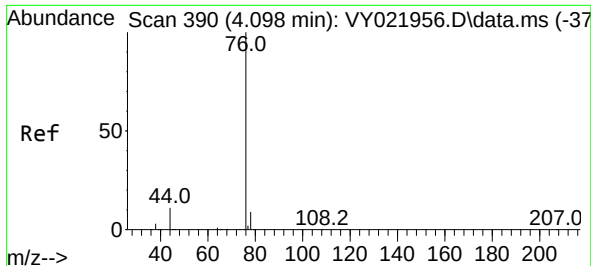
Tgt Ion: 53 Resp: 103963
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.6
51 38.9 28.9 43.3



#16
Acetone
Concen: 267.790 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 43 Resp: 74958
Ion Ratio Lower Upper
43 100
58 37.1 27.0 40.4

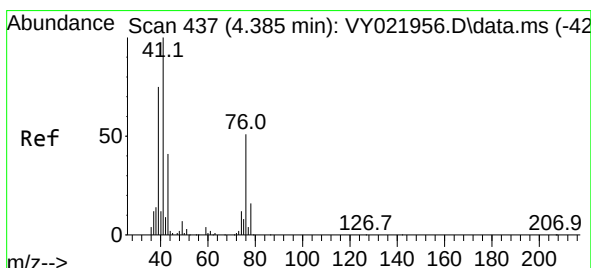
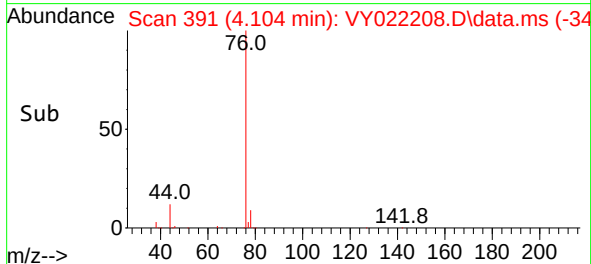
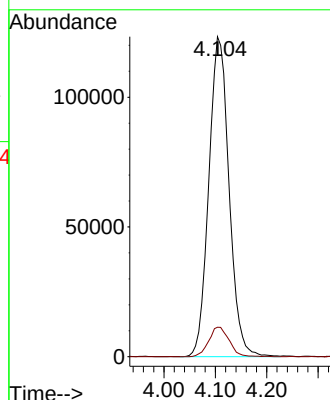
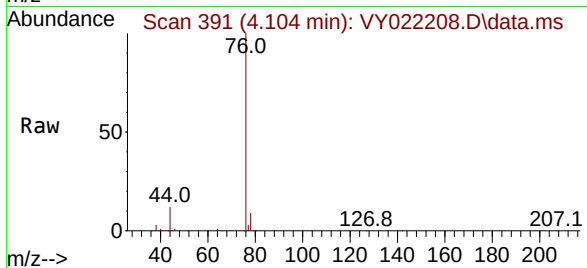




#17
Carbon Disulfide
Concen: 45.728 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

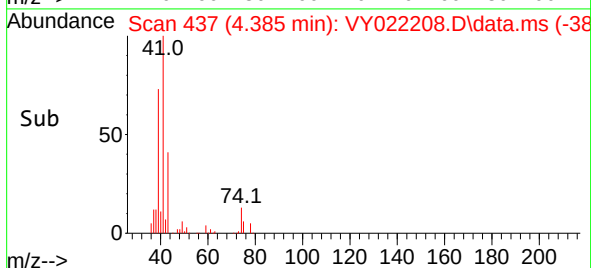
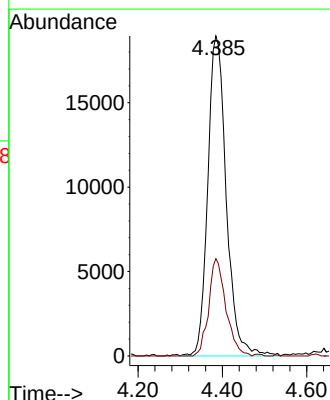
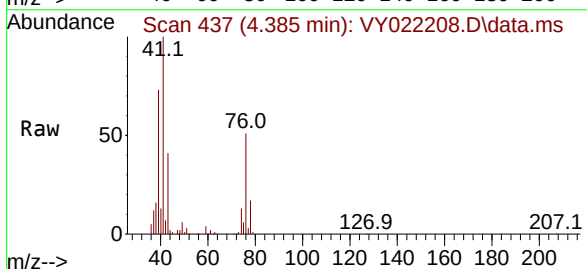
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

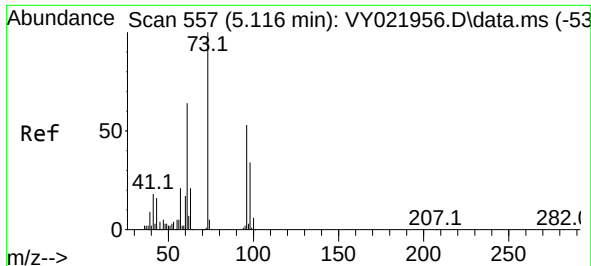
Tgt Ion: 76 Resp: 337490
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 57.563 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 43 Resp: 57830
Ion Ratio Lower Upper
43 100
74 28.2 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 48.947 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

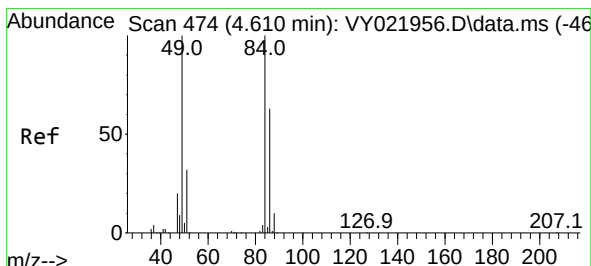
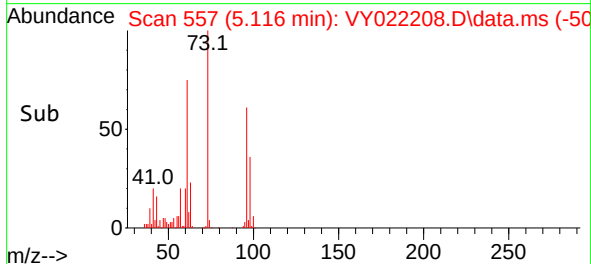
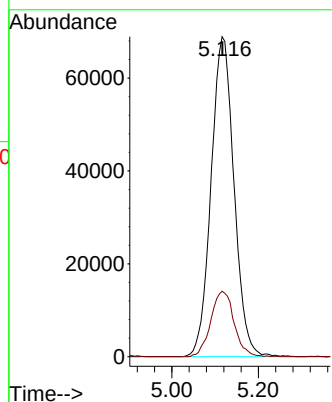
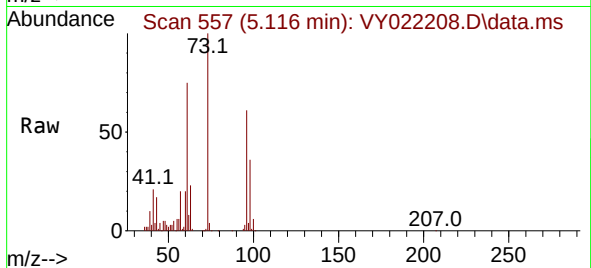
VSTDCCC050

Tgt Ion: 73 Resp: 253580

Ion Ratio Lower Upper

73 100

57 20.5 16.9 25.3



#20

Methylene Chloride

Concen: 46.424 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Tgt Ion: 84 Resp: 126252

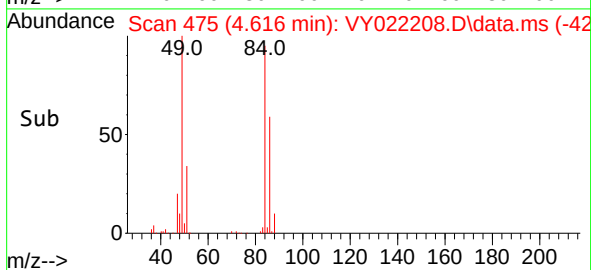
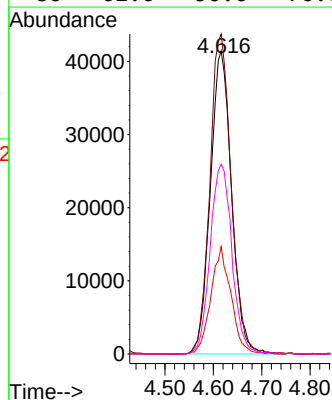
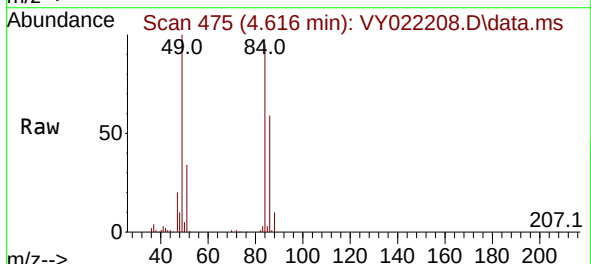
Ion Ratio Lower Upper

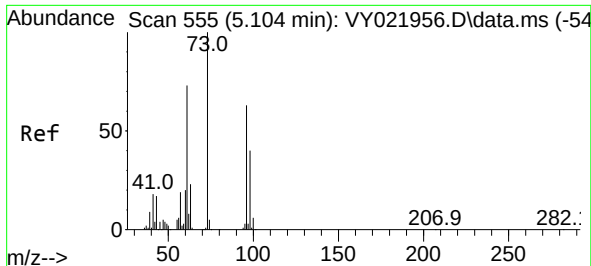
84 100

49 105.6 79.9 119.9

51 35.4 25.4 38.0

86 62.6 50.6 76.0

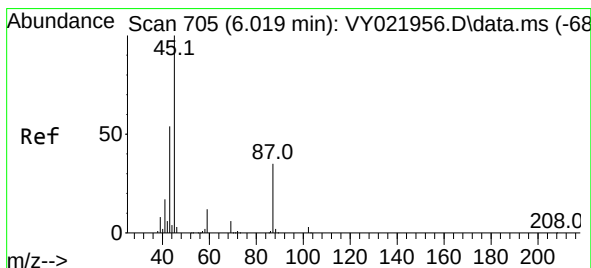
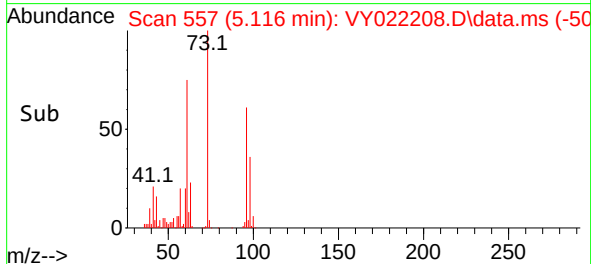
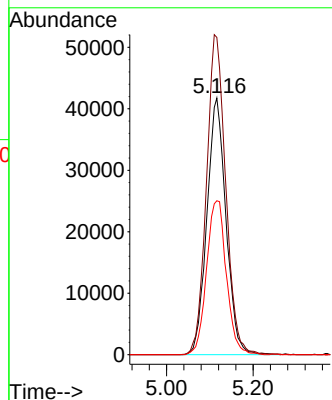
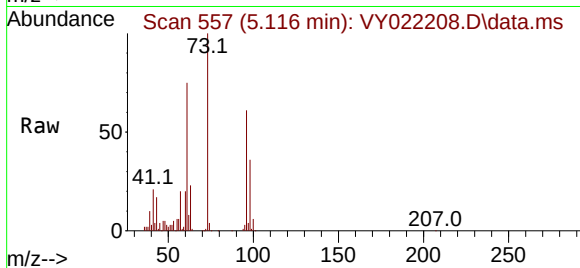




#21
trans-1,2-Dichloroethene
Concen: 49.397 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

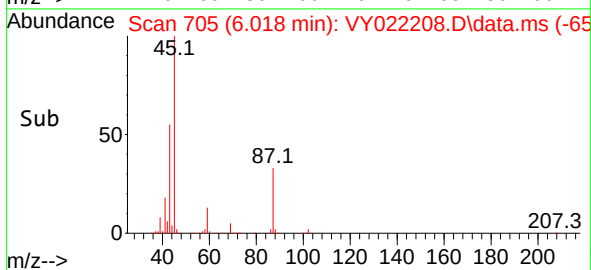
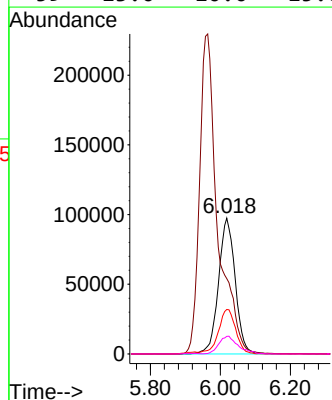
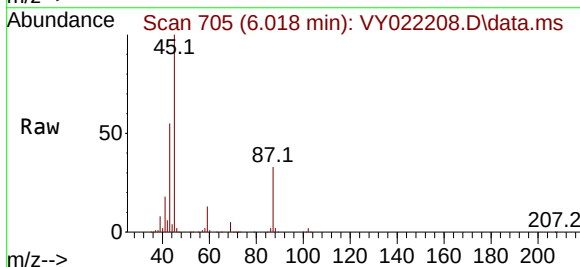
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

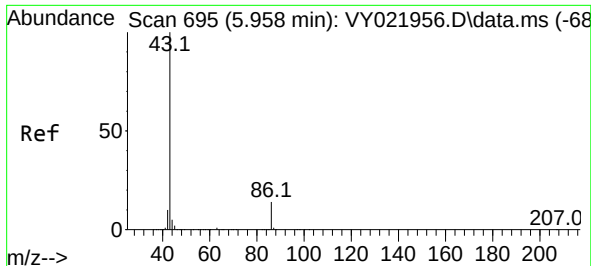
Tgt Ion: 96 Resp: 128051
Ion Ratio Lower Upper
96 100
61 123.7 92.6 138.8
98 60.0 50.2 75.4



#22
Diisopropyl ether
Concen: 53.727 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 45 Resp: 322249
Ion Ratio Lower Upper
45 100
43 55.4 43.6 65.4
87 32.8 28.2 42.4
59 13.0 10.0 15.0

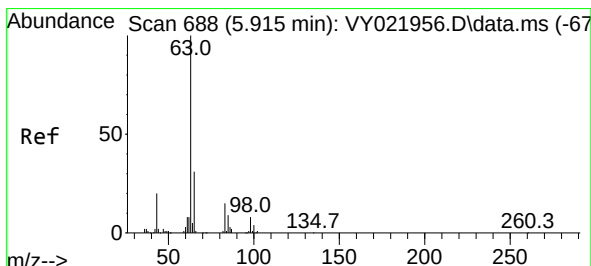
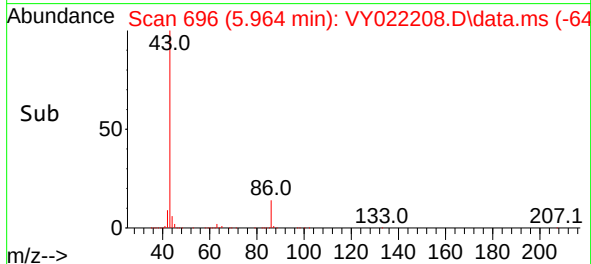
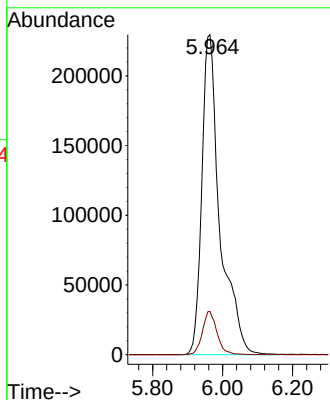
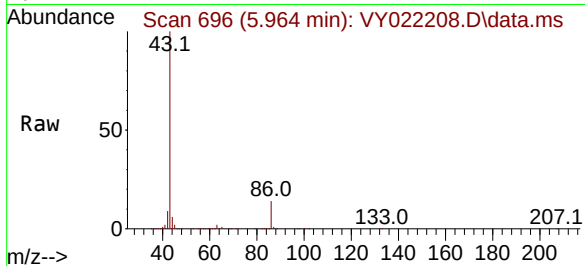




#23
 Vinyl Acetate
 Concen: 254.853 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022208.D
 Acq: 12 May 2025 08:26

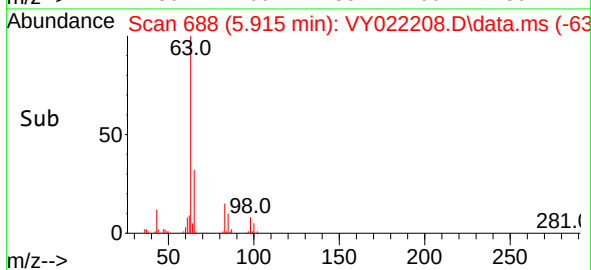
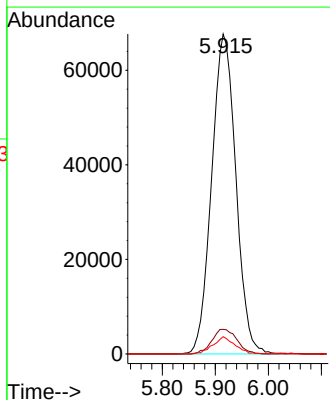
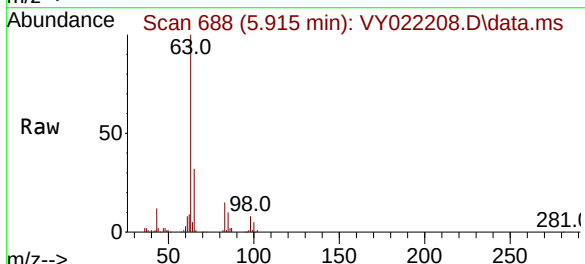
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

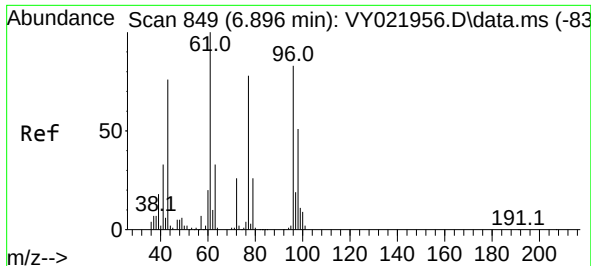
Tgt Ion: 43 Resp: 823801
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 51.599 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022208.D
 Acq: 12 May 2025 08:26

Tgt Ion: 63 Resp: 214522
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 5.4 2.0 6.0





#25

2-Butanone

Concen: 242.016 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

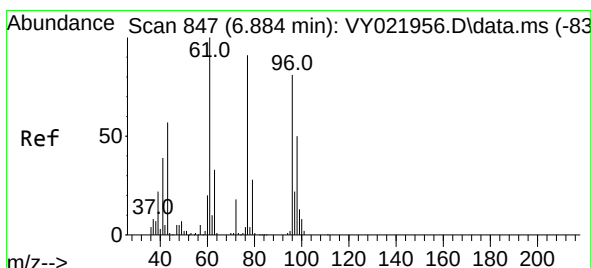
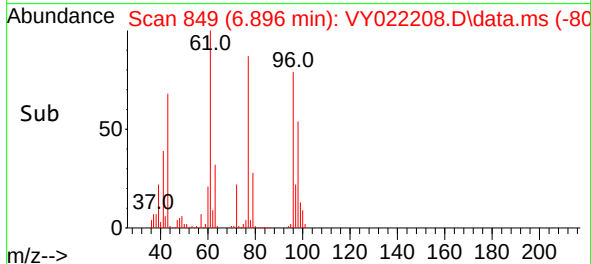
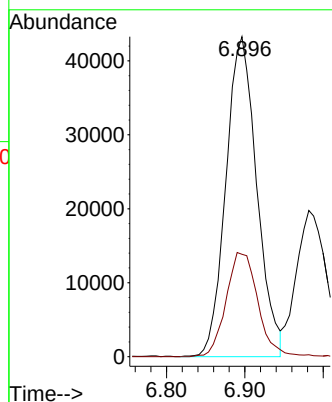
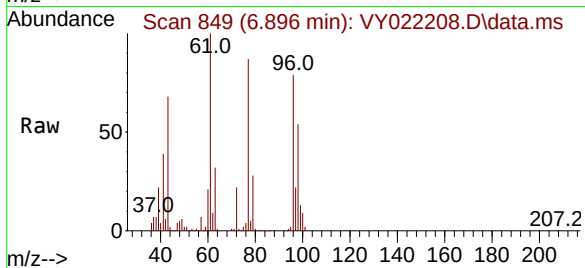
VSTDCCC050

Tgt Ion: 43 Resp: 118647

Ion Ratio Lower Upper

43 100

72 32.0 27.0 40.4



#26

2,2-Dichloropropane

Concen: 53.598 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022208.D

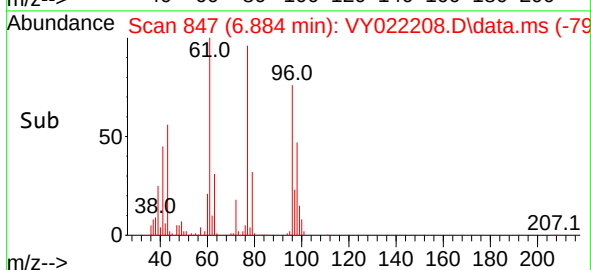
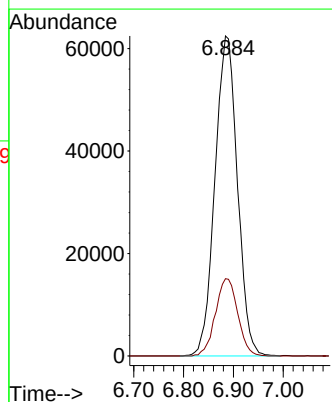
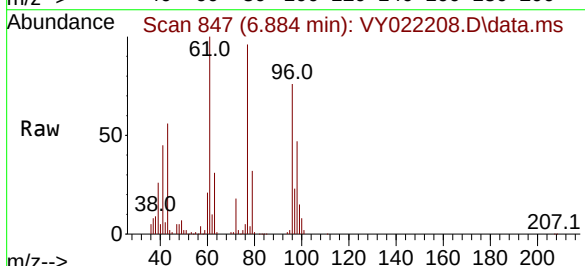
Acq: 12 May 2025 08:26

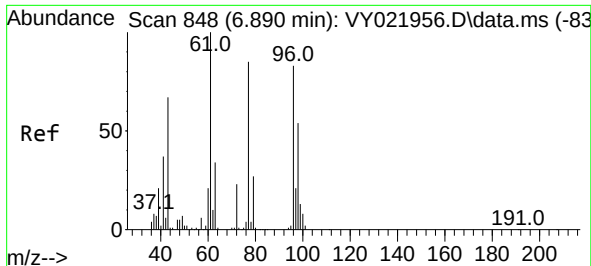
Tgt Ion: 77 Resp: 195306

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 50.186 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

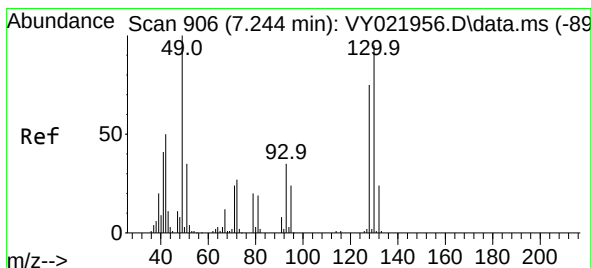
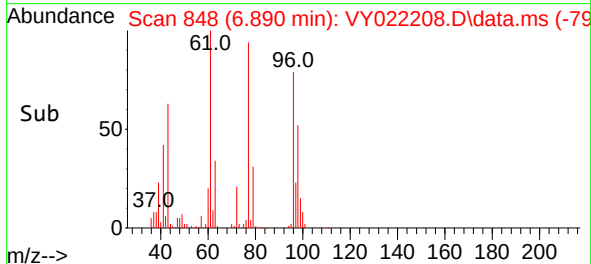
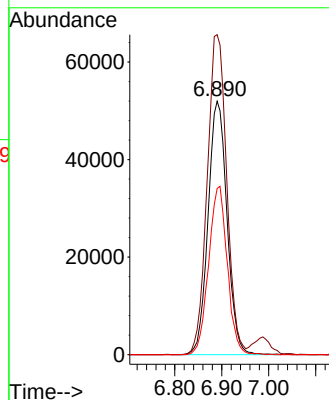
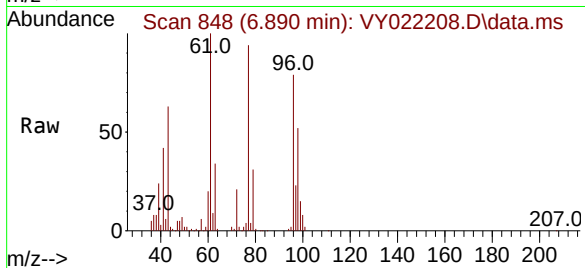
Tgt Ion: 96 Resp: 145468

Ion Ratio Lower Upper

96 100

61 129.8 0.0 251.4

98 65.2 0.0 128.4



#28

Bromochloromethane

Concen: 51.082 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

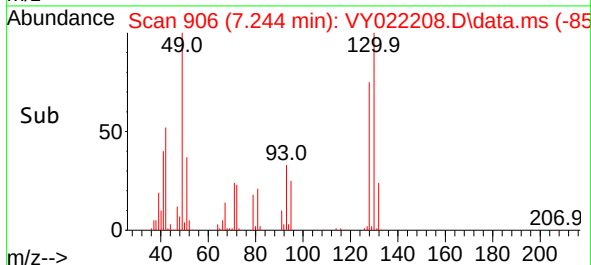
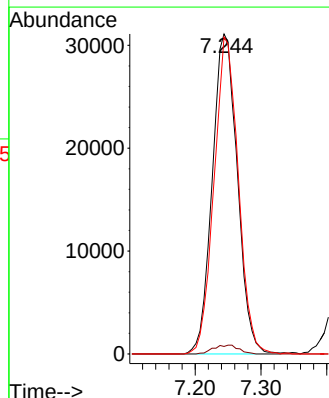
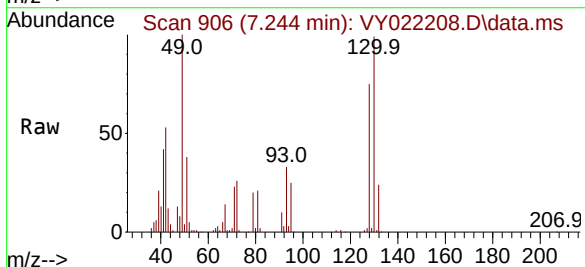
Tgt Ion: 49 Resp: 82490

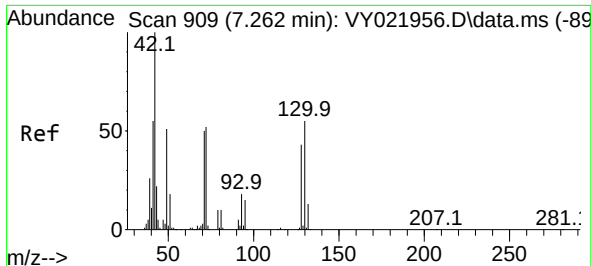
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 95.6 78.2 117.4

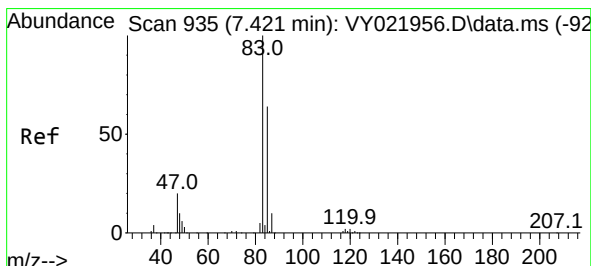
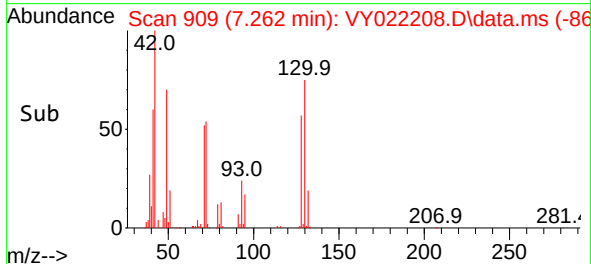
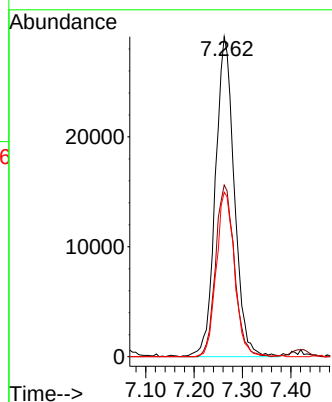
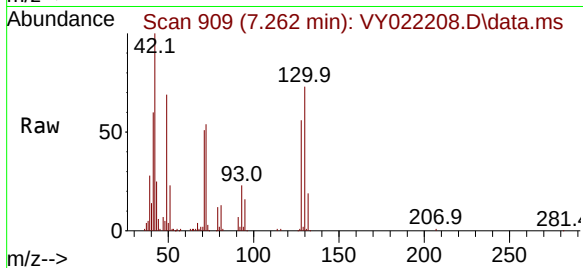




#29
Tetrahydrofuran
Concen: 248.897 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

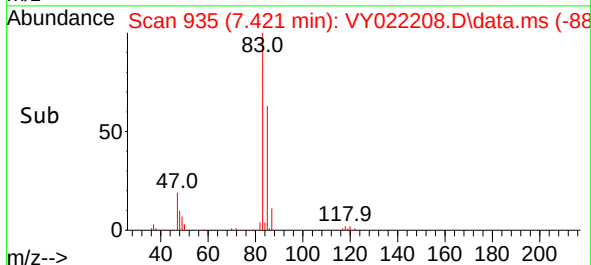
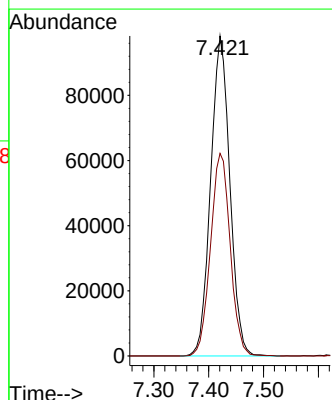
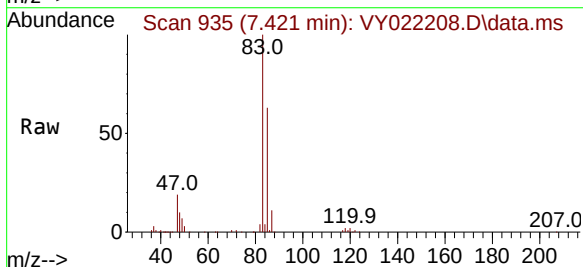
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

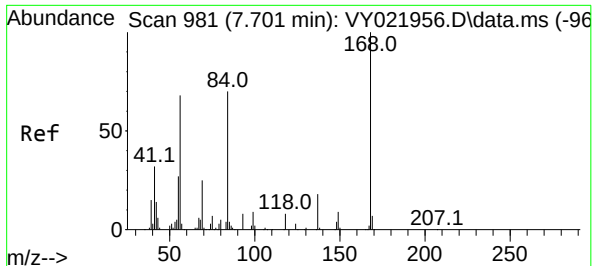
Tgt Ion:	42	Resp:	79250
Ion	Ratio	Lower	Upper
42	100		
72	53.4	42.6	63.8
71	49.5	40.6	61.0



#30
Chloroform
Concen: 51.740 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion:	83	Resp:	238601
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.3	76.9

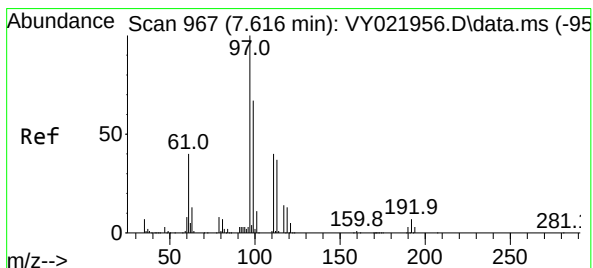
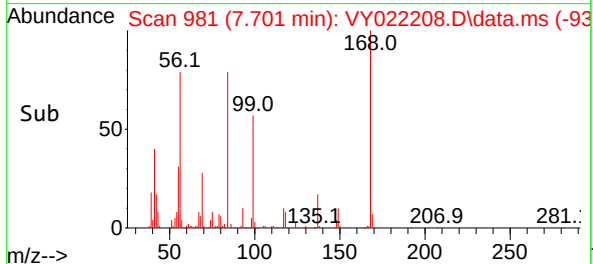
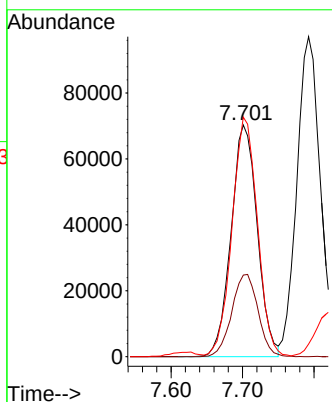
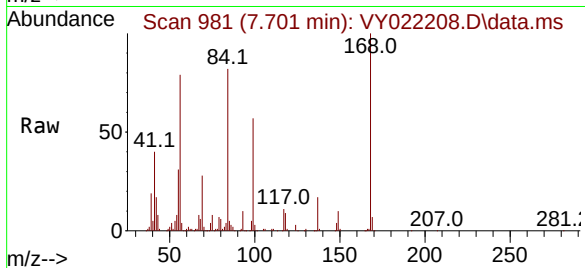




#31
Cyclohexane
Concen: 50.303 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

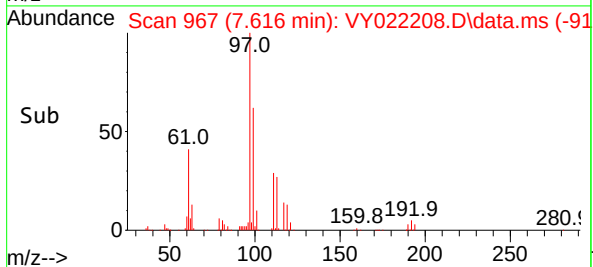
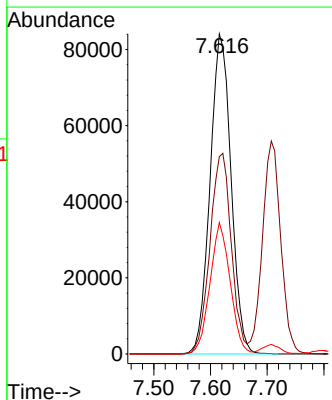
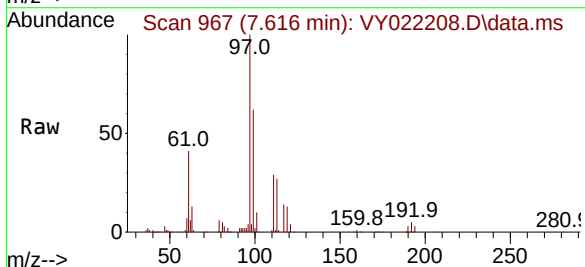
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

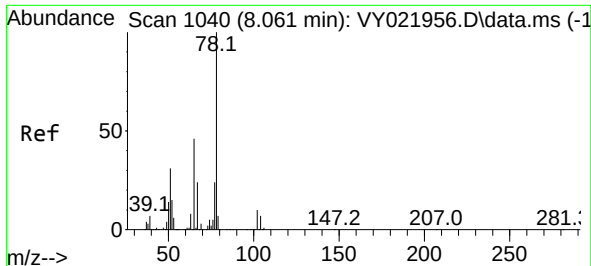
Tgt Ion: 56 Resp: 178841
Ion Ratio Lower Upper
56 100
69 35.2 29.4 44.2
84 101.7 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 51.729 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 97 Resp: 215820
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 39.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.821 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

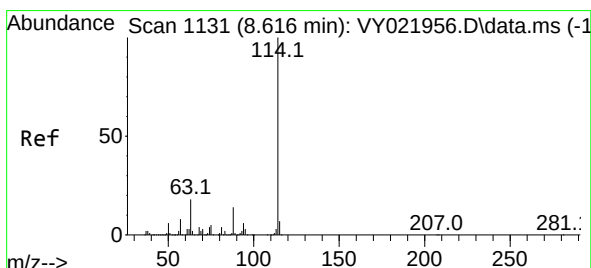
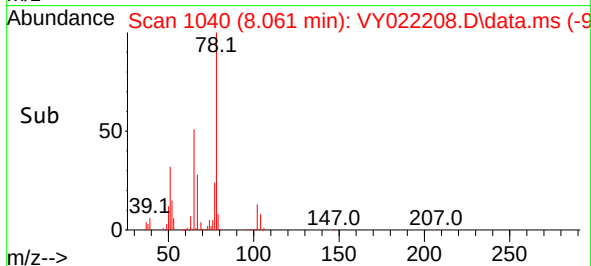
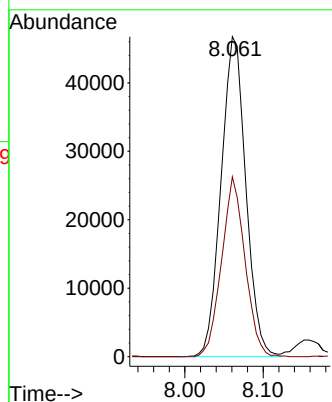
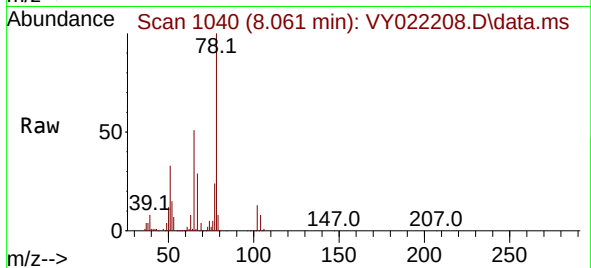
VSTDCCC050

Tgt Ion: 65 Resp: 102850

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

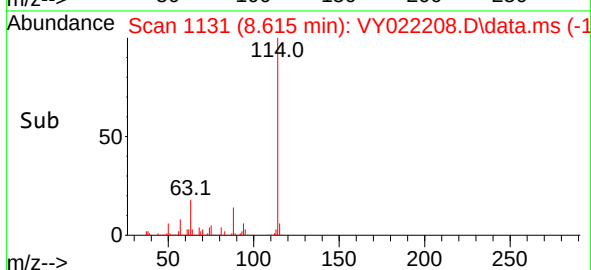
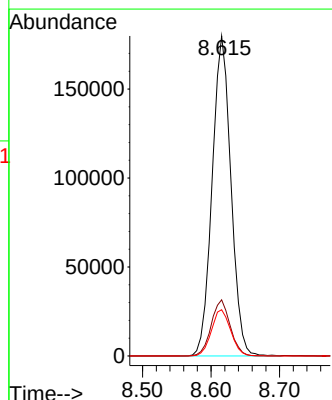
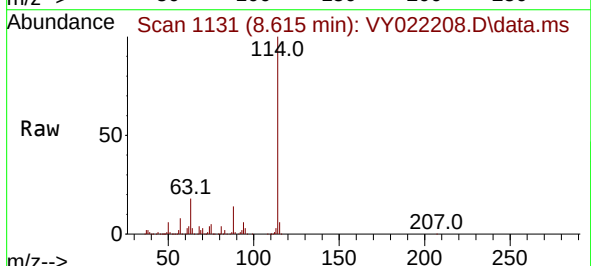
Tgt Ion: 114 Resp: 342821

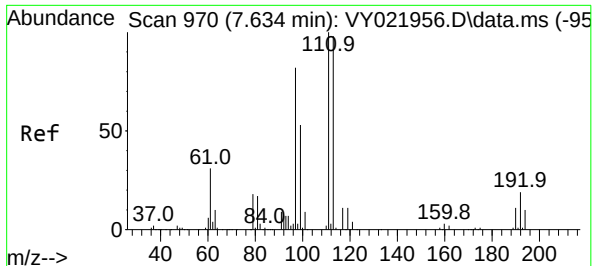
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.5 0.0 28.2

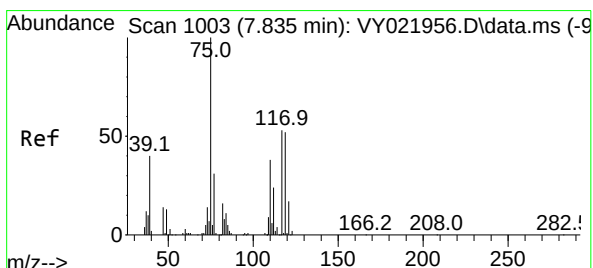
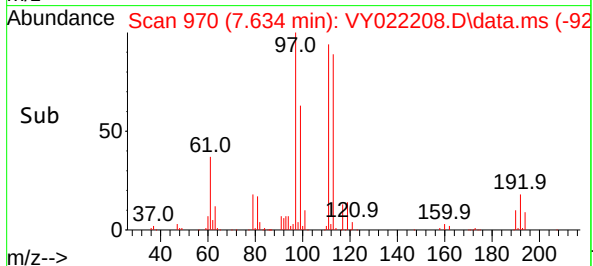
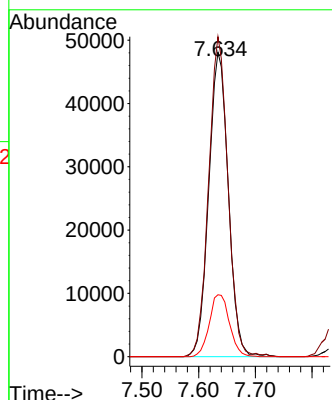
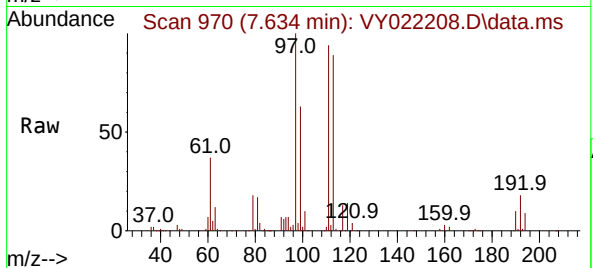




#35
Dibromofluoromethane
Concen: 50.965 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

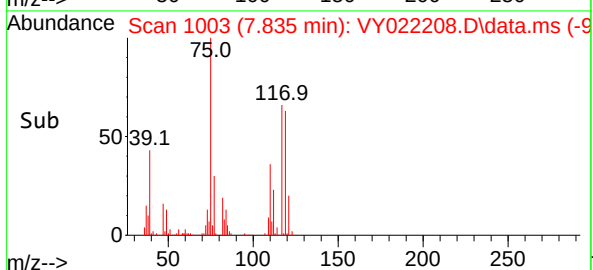
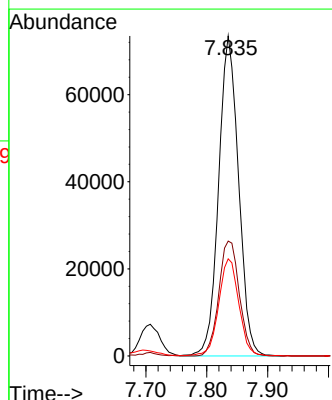
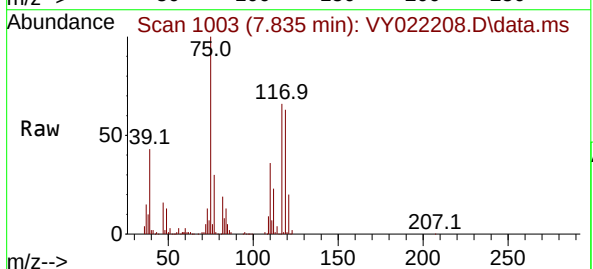
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

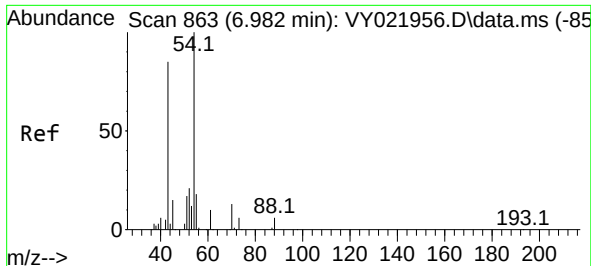
Tgt Ion:113 Resp: 115429
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 20.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 54.810 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 75 Resp: 166749
Ion Ratio Lower Upper
75 100
110 37.1 19.1 57.3
77 30.4 25.5 38.3

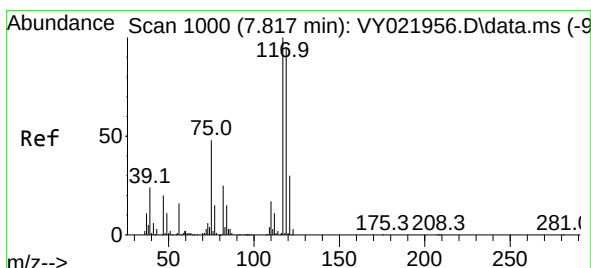
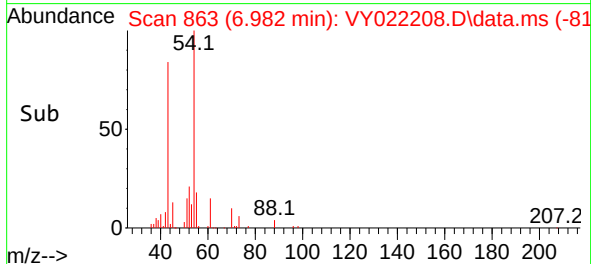
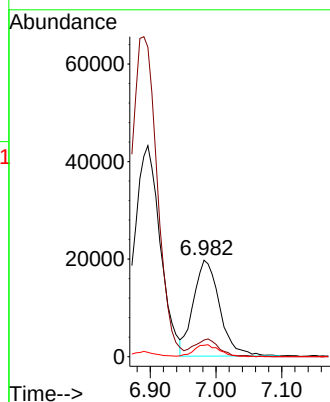
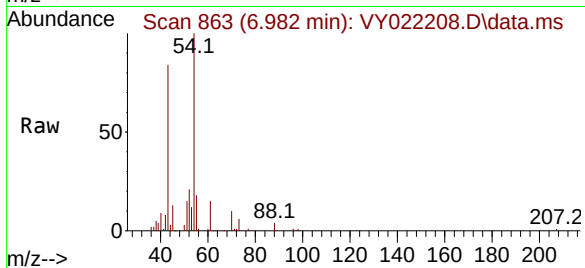




#37
Ethyl Acetate
Concen: 49.863 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

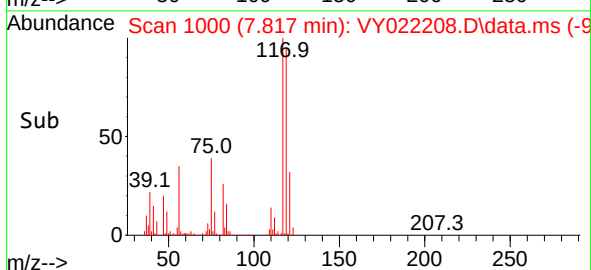
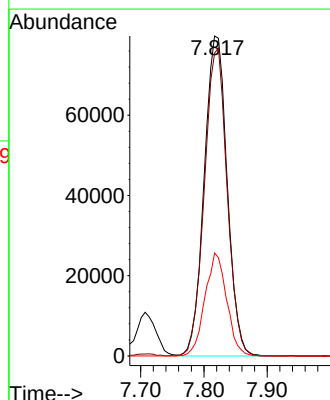
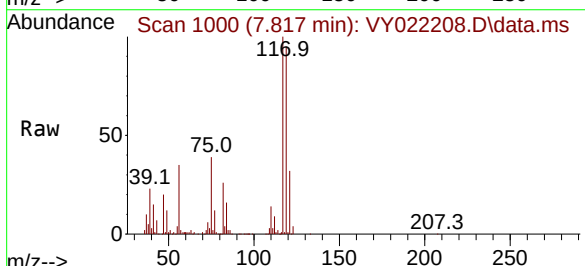
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

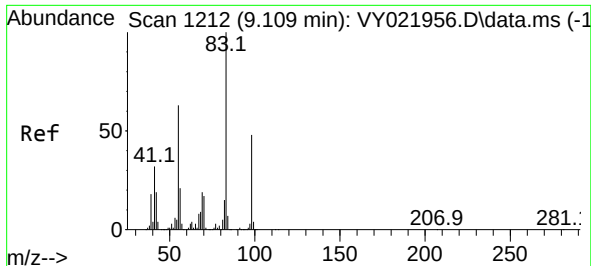
Tgt Ion:	43	Resp:	54483
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.8	20.6
70	12.0	9.2	13.8



#38
Carbon Tetrachloride
Concen: 55.372 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion:	117	Resp:	201296
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.4
121	32.2	24.0	36.0





#39

Methylcyclohexane

Concen: 54.195 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

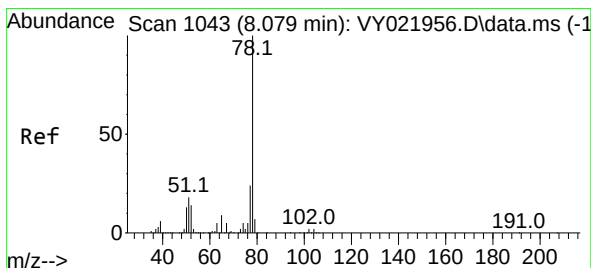
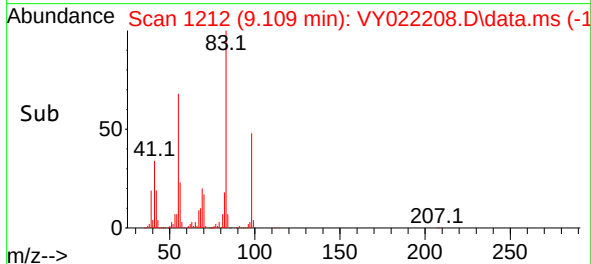
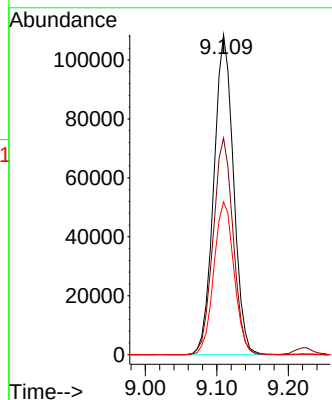
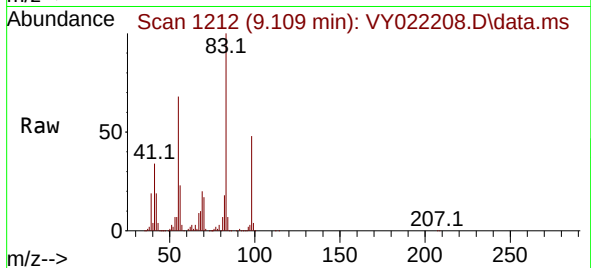
Tgt Ion: 83 Resp: 207489

Ion Ratio Lower Upper

83 100

55 67.7 50.6 75.8

98 47.7 38.6 58.0



#40

Benzene

Concen: 53.973 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022208.D

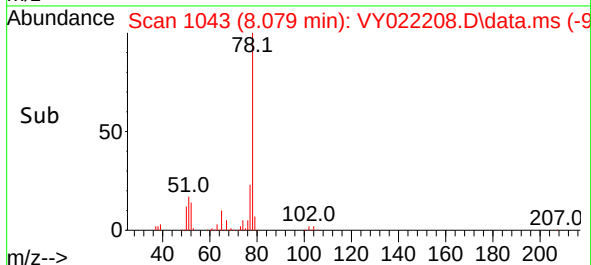
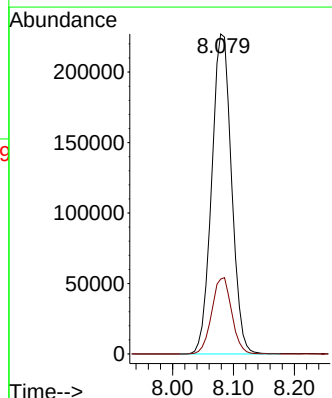
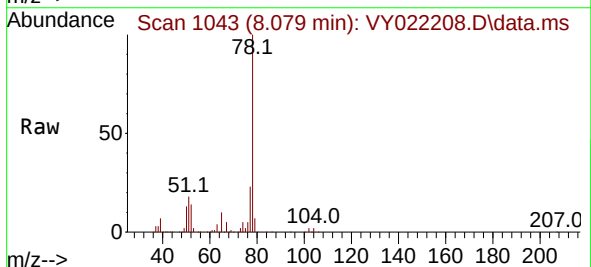
Acq: 12 May 2025 08:26

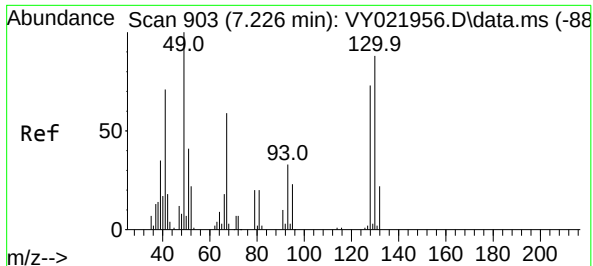
Tgt Ion: 78 Resp: 513287

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

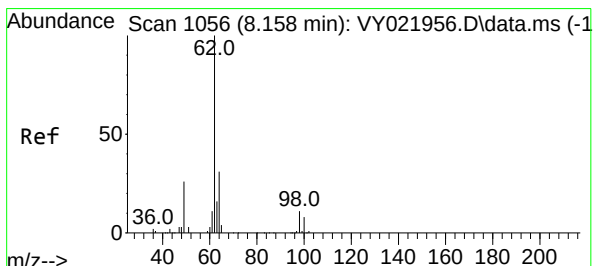
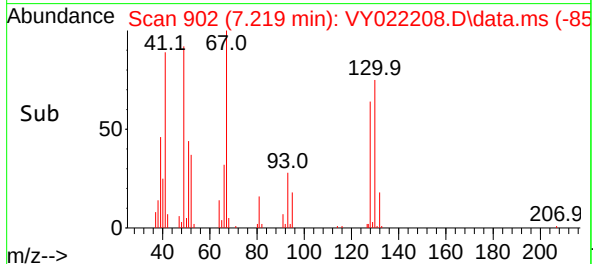
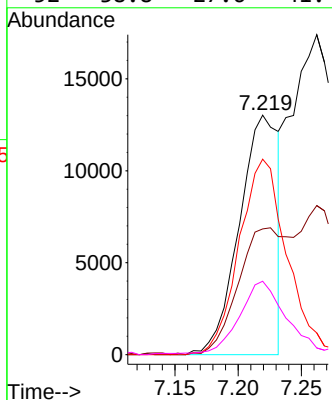
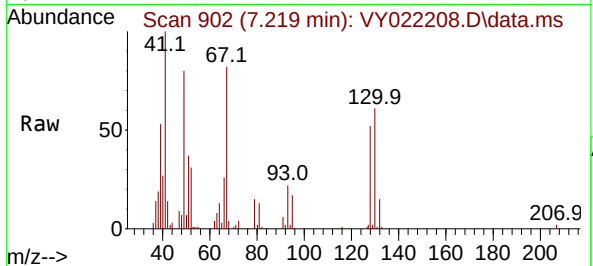




#41
Methacrylonitrile
Concen: 47.003 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

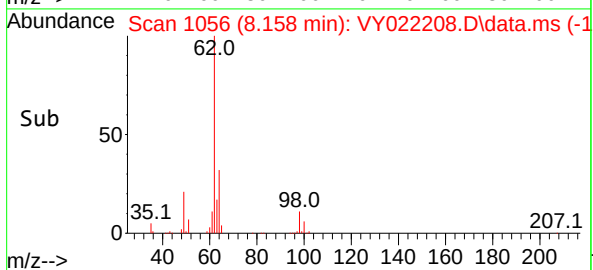
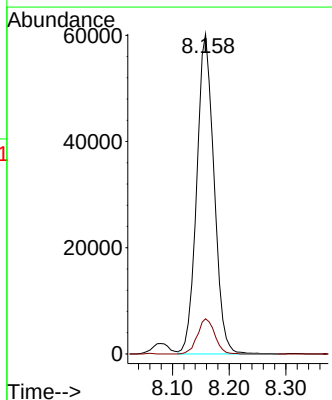
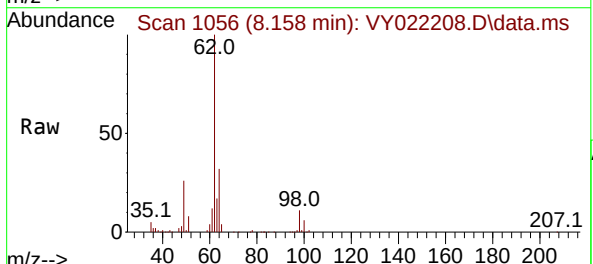
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

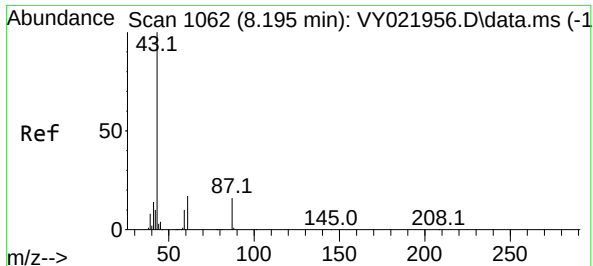
Tgt Ion: 41 Resp: 28075
Ion Ratio Lower Upper
41 100
39 71.6 36.6 55.0#
67 100.6 72.2 108.4
52 38.8 27.6 41.4



#42
1,2-Dichloroethane
Concen: 54.126 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 62 Resp: 127444
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0

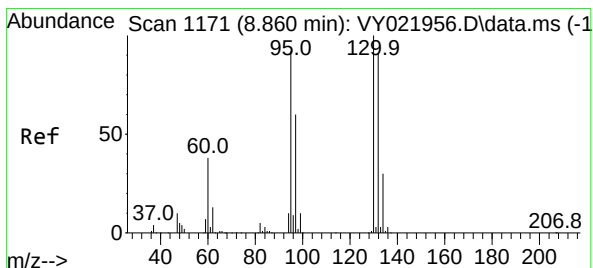
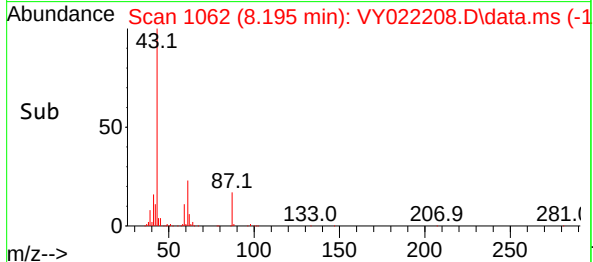
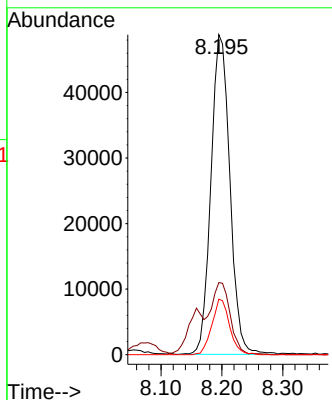
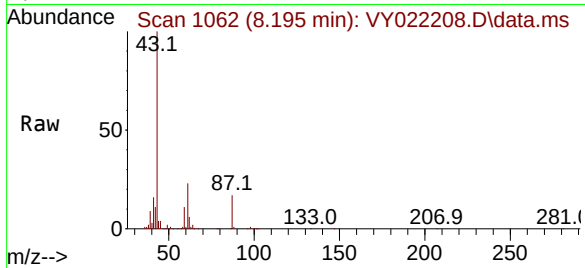




#43
Isopropyl Acetate
Concen: 50.161 ug/l
RT: 8.195 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

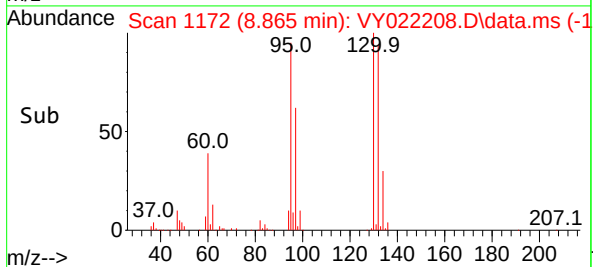
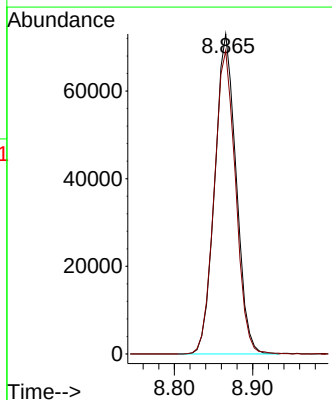
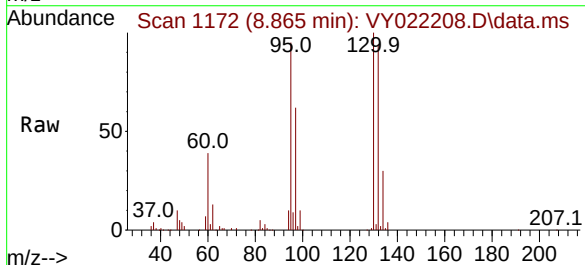
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

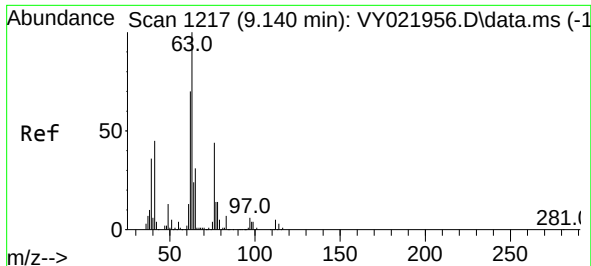
Tgt Ion: 43 Resp: 105256
Ion Ratio Lower Upper
43 100
61 23.4 18.9 28.3
87 16.3 13.7 20.5



#44
Trichloroethene
Concen: 52.459 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion:130 Resp: 138185
Ion Ratio Lower Upper
130 100
95 94.7 0.0 183.2





#45

1,2-Dichloropropane

Concen: 55.954 ug/l

RT: 9.140 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

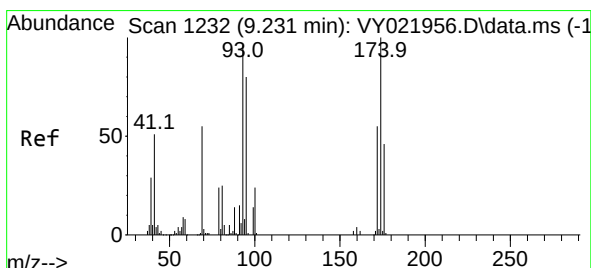
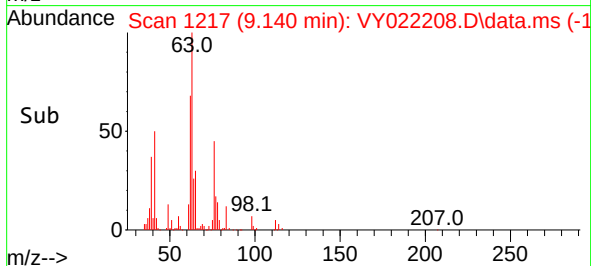
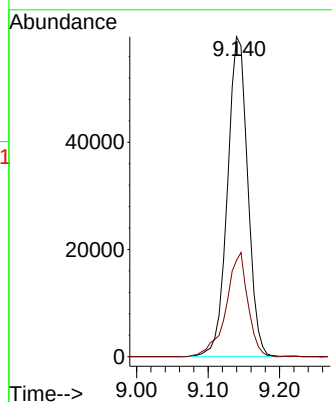
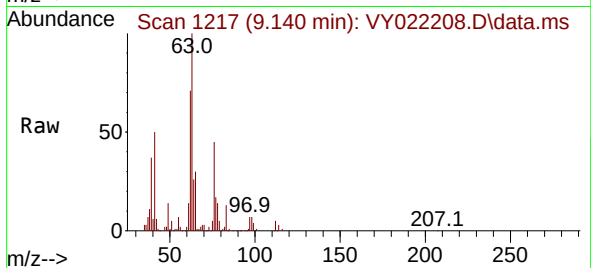
VSTDCCC050

Tgt Ion: 63 Resp: 117678

Ion Ratio Lower Upper

63 100

65 30.1 25.2 37.8



#46

Dibromomethane

Concen: 52.598 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

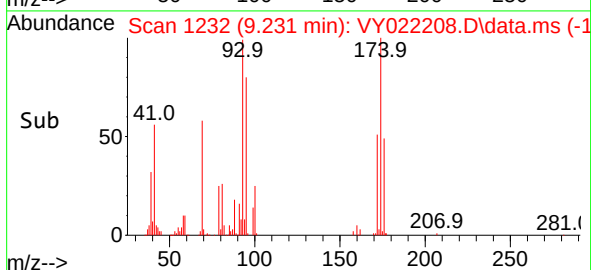
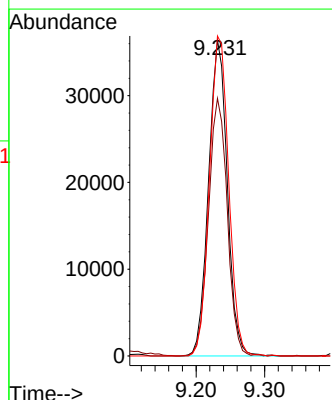
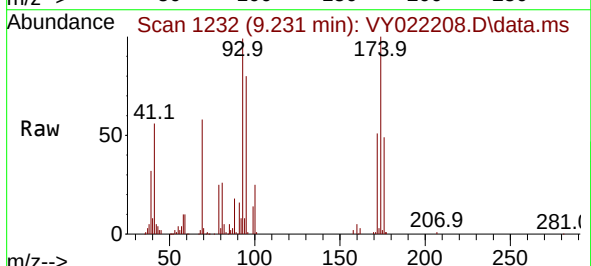
Tgt Ion: 93 Resp: 69247

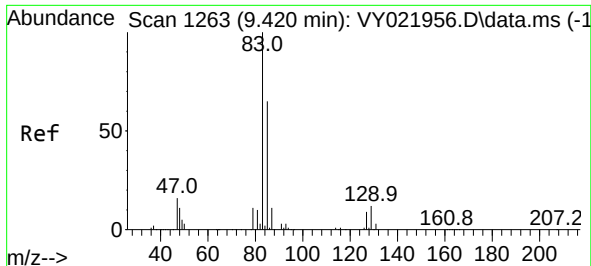
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 103.8 84.6 127.0





#47

Bromodichloromethane

Concen: 55.580 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

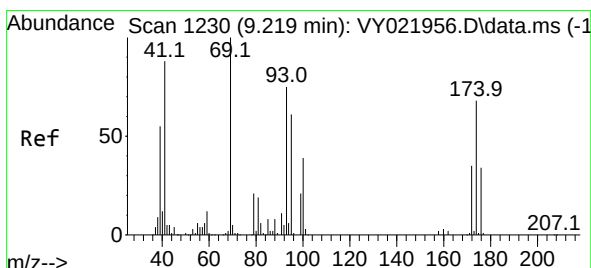
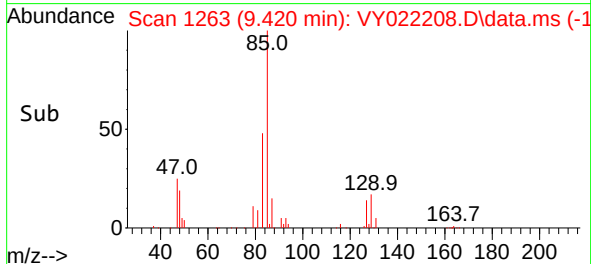
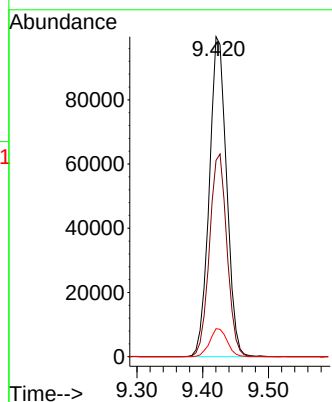
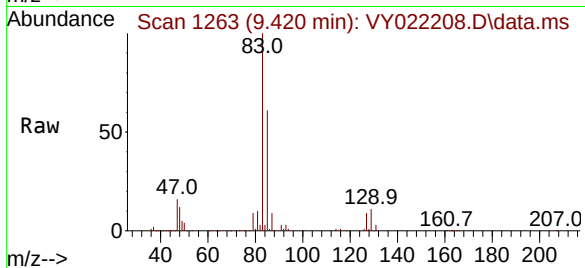
Tgt Ion: 83 Resp: 182796

Ion Ratio Lower Upper

83 100

85 61.4 51.8 77.8

127 8.7 7.0 10.6



#48

Methyl methacrylate

Concen: 54.257 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

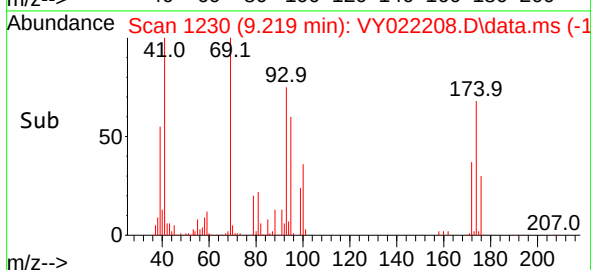
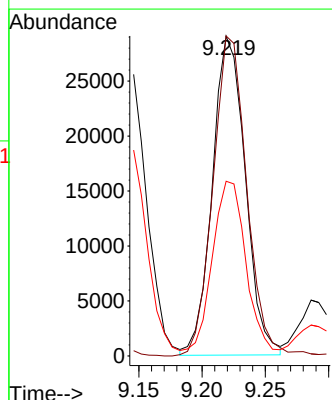
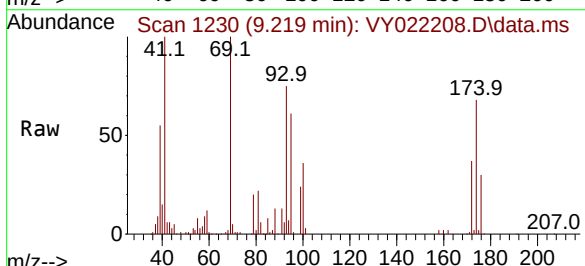
Tgt Ion: 41 Resp: 52631

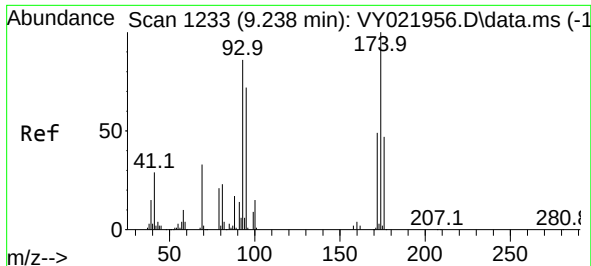
Ion Ratio Lower Upper

41 100

69 102.7 85.5 128.3

39 53.0 46.2 69.4





#49

1,4-Dioxane

Concen: 988.661 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

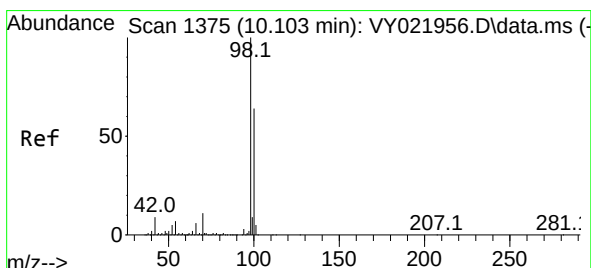
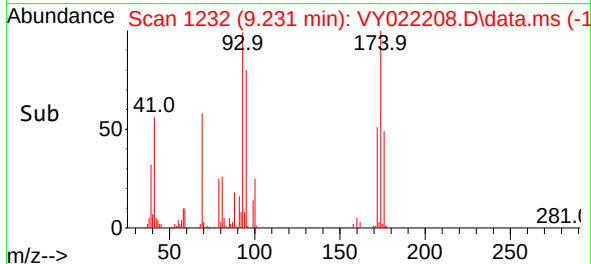
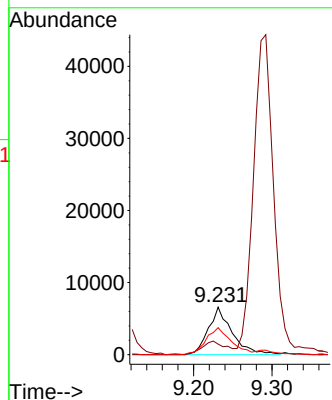
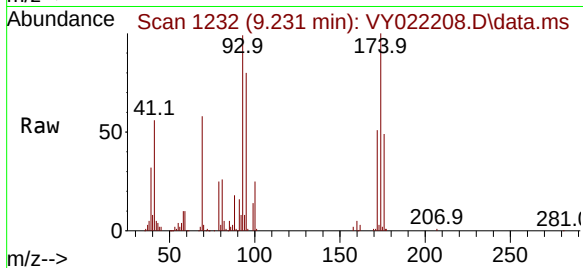
Tgt Ion: 88 Resp: 13873

Ion Ratio Lower Upper

88 100

43 27.7 21.3 31.9

58 60.0 50.5 75.7



#50

Toluene-d8

Concen: 52.022 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022208.D

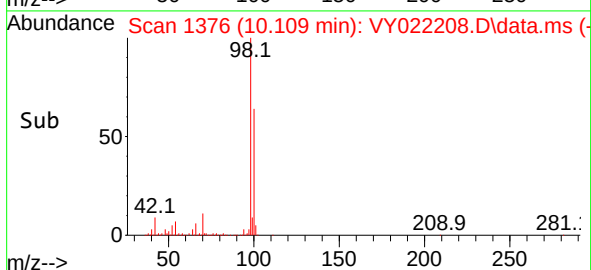
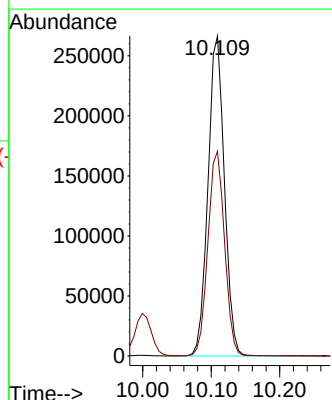
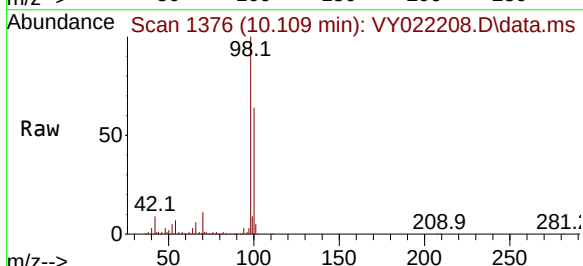
Acq: 12 May 2025 08:26

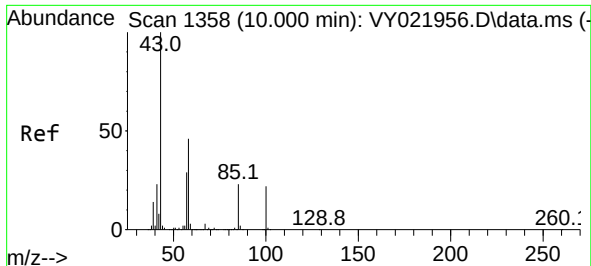
Tgt Ion: 98 Resp: 444190

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

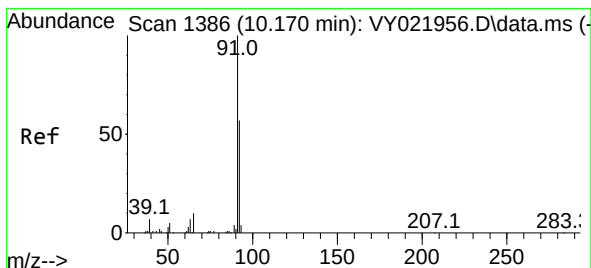
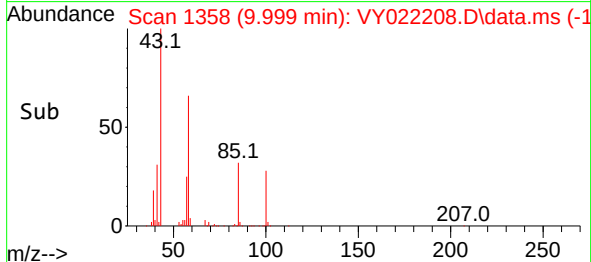
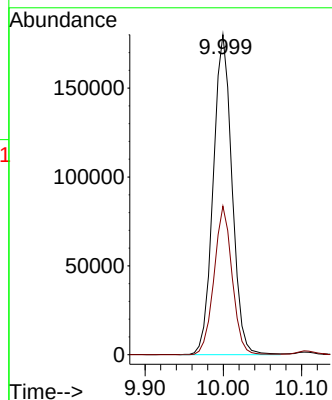
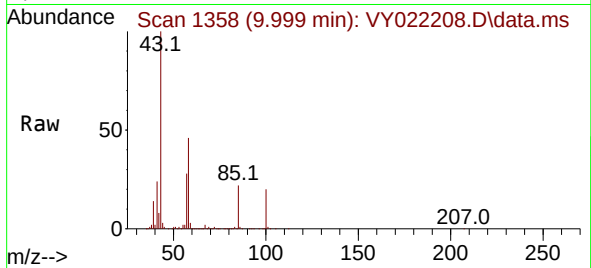




#51
4-Methyl-2-Pentanone
Concen: 272.545 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

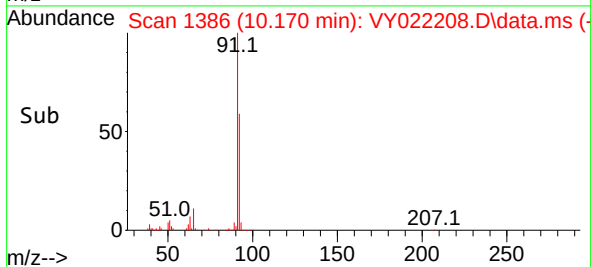
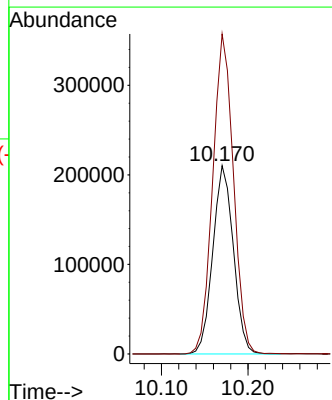
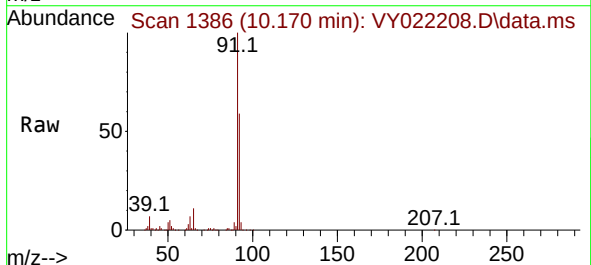
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

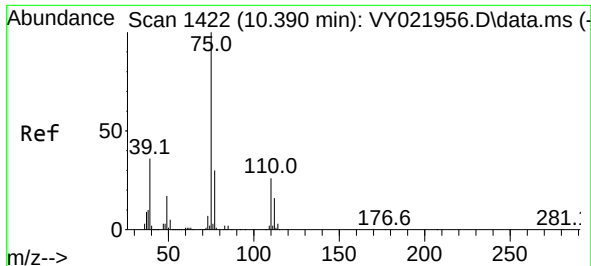
Tgt Ion: 43 Resp: 299793
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0



#52
Toluene
Concen: 56.297 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 92 Resp: 346566
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 53.863 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

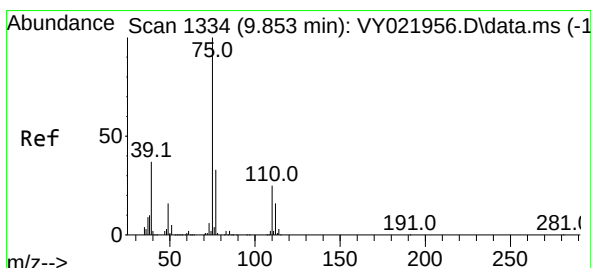
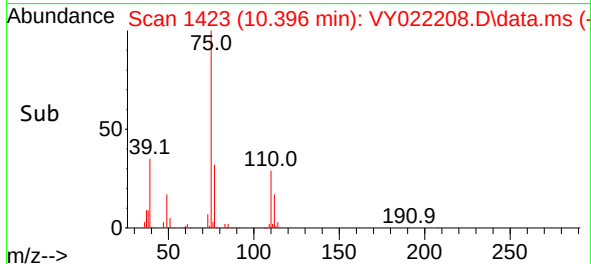
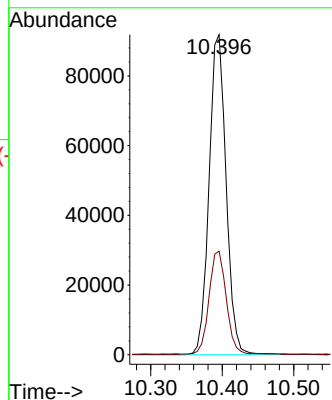
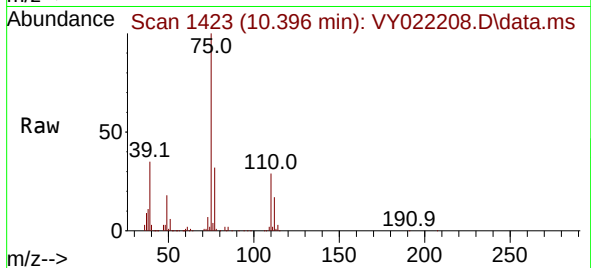
VSTDCCC050

Tgt Ion: 75 Resp: 151949

Ion Ratio Lower Upper

75 100

77 32.2 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 54.666 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

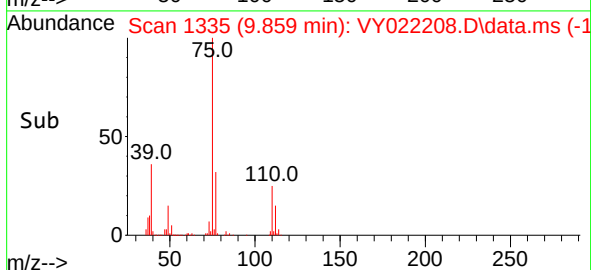
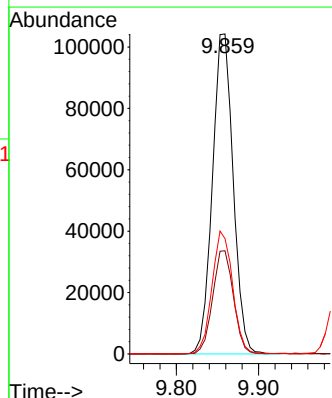
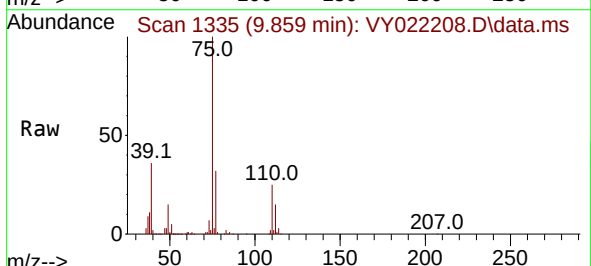
Tgt Ion: 75 Resp: 183317

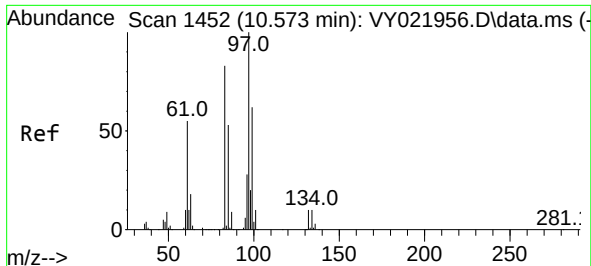
Ion Ratio Lower Upper

75 100

77 32.3 26.6 40.0

39 35.9 29.6 44.4

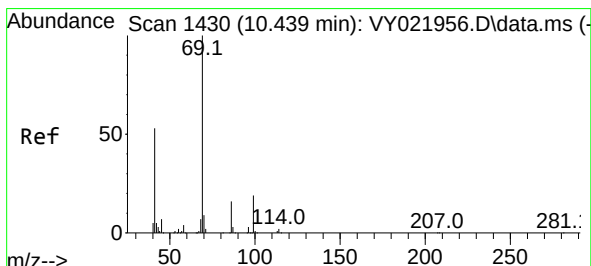
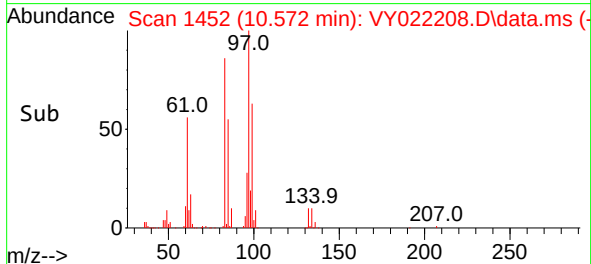
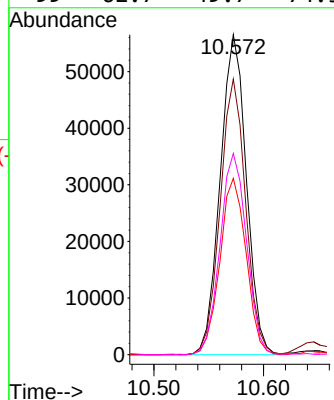
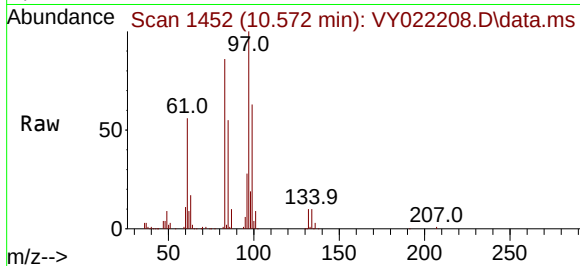




#55
1,1,2-Trichloroethane
Concen: 53.262 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

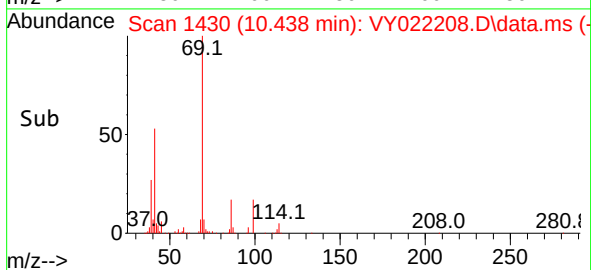
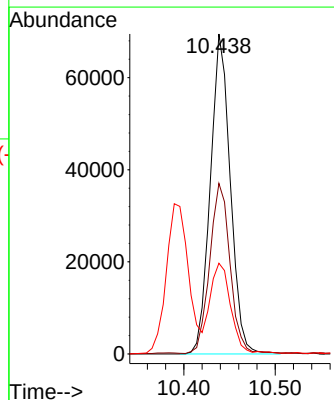
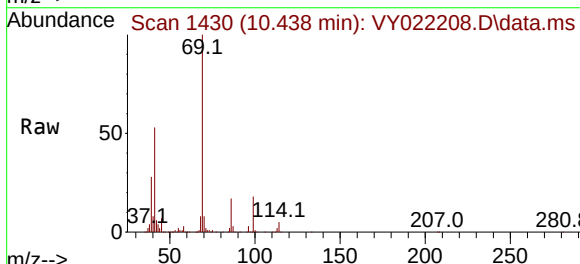
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

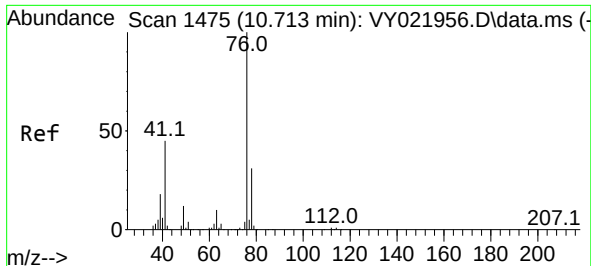
Tgt Ion:	97	Resp:	93666
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.7	100.1
85	55.1	42.6	64.0
99	62.7	49.7	74.5



#56
Ethyl methacrylate
Concen: 52.361 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion:	69	Resp:	105300
Ion	Ratio	Lower	Upper
69	100		
41	54.1	40.7	61.1
39	29.0	23.3	34.9





#57

1,3-Dichloropropane

Concen: 55.297 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

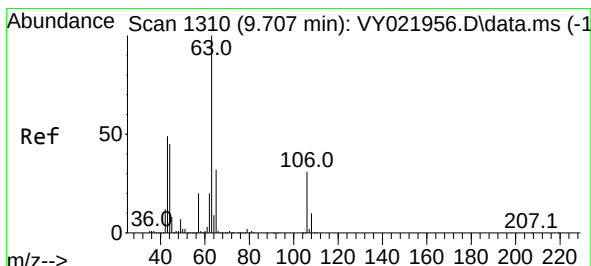
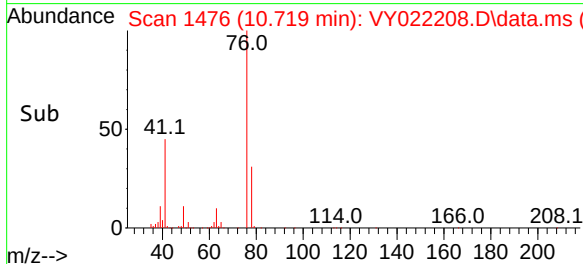
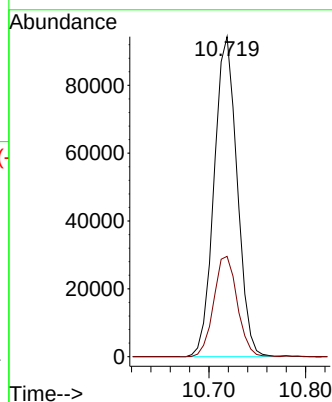
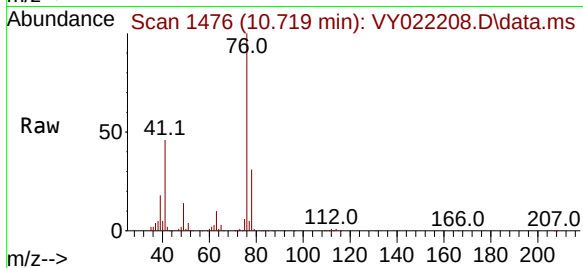
VSTDCCC050

Tgt Ion: 76 Resp: 155896

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 272.765 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022208.D

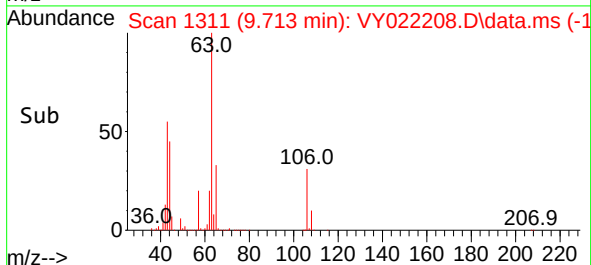
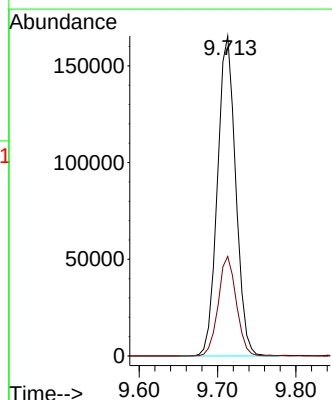
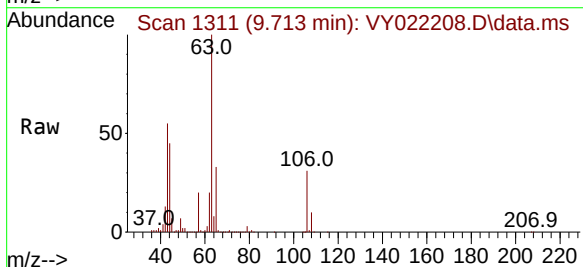
Acq: 12 May 2025 08:26

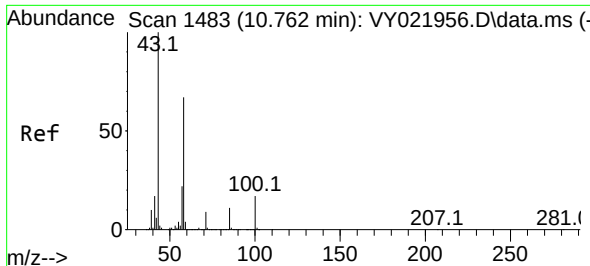
Tgt Ion: 63 Resp: 268201

Ion Ratio Lower Upper

63 100

106 30.8 25.3 37.9

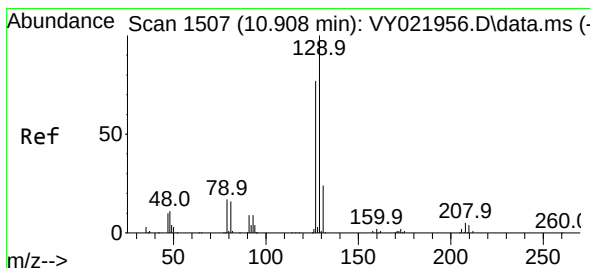
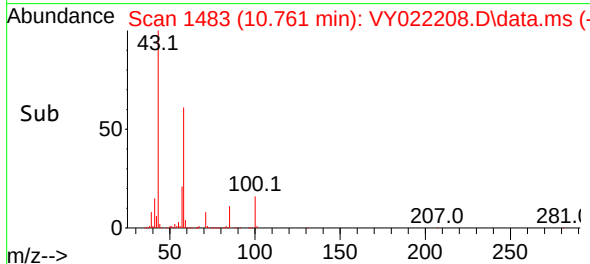
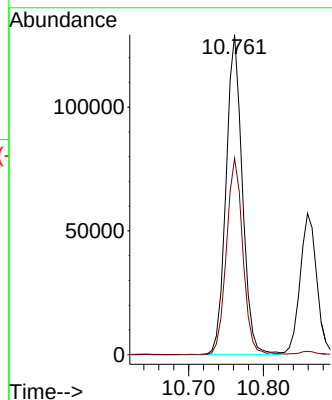
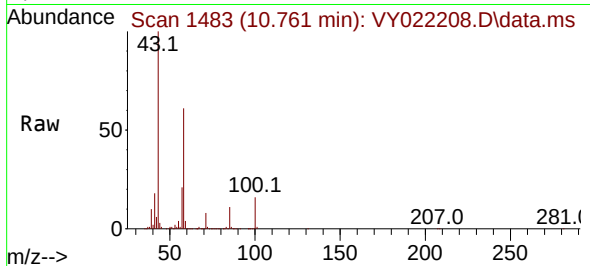




#59
2-Hexanone
Concen: 269.120 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

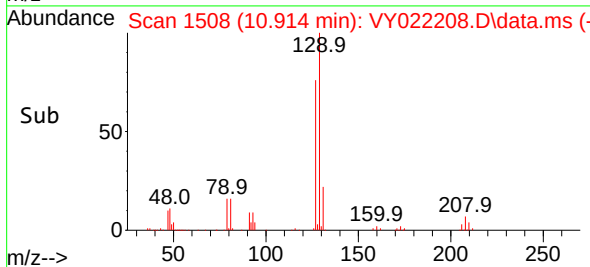
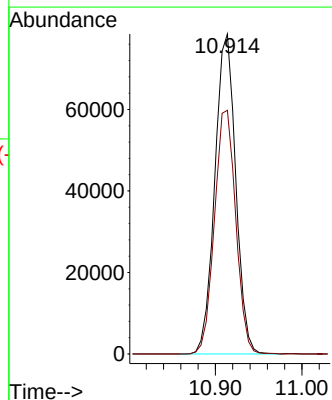
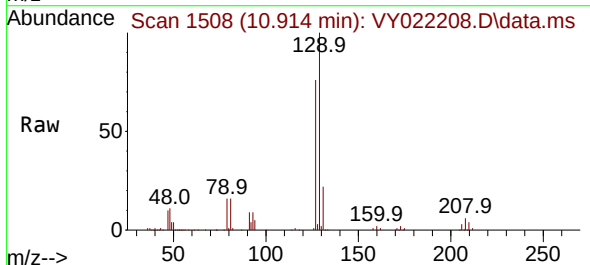
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

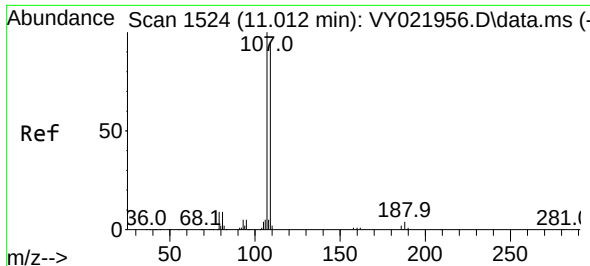
Tgt Ion: 43 Resp: 195254
Ion Ratio Lower Upper
43 100
58 62.0 32.0 96.0



#60
Dibromochloromethane
Concen: 53.967 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 129 Resp: 131396
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

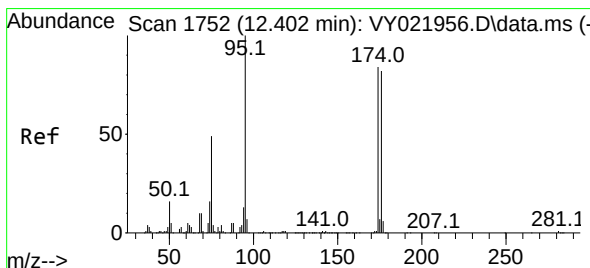
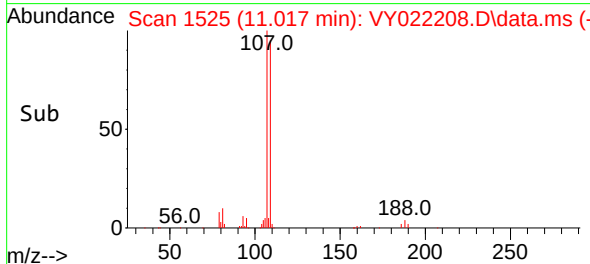
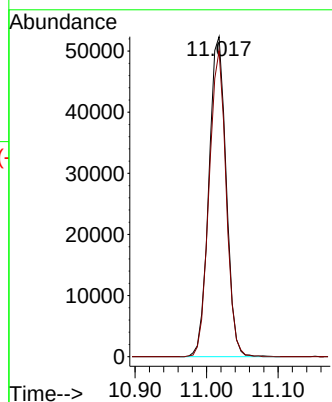
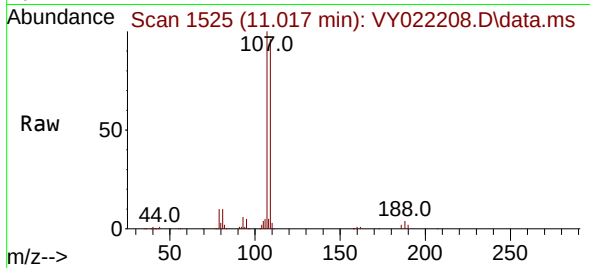




#61
1,2-Dibromoethane
Concen: 52.996 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

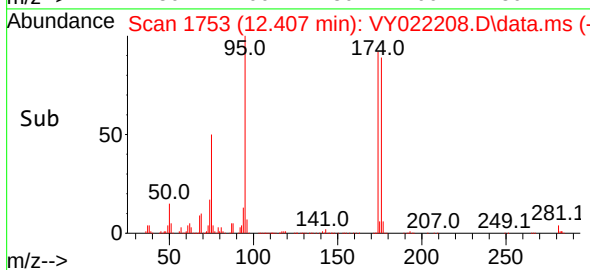
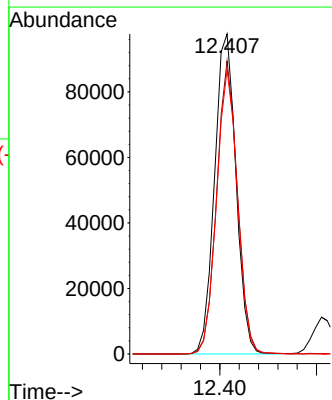
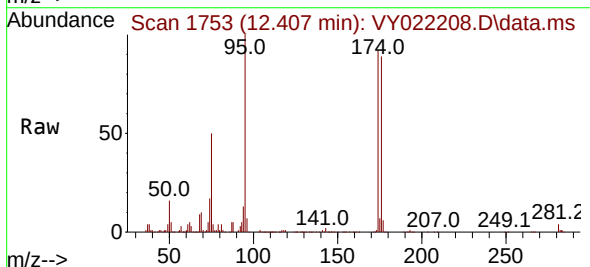
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

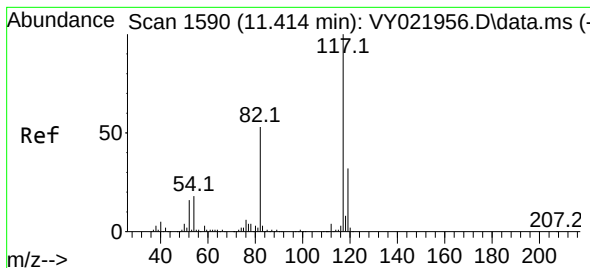
Tgt Ion:107 Resp: 87985
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.238 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 95 Resp: 150152
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.0
176 86.7 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

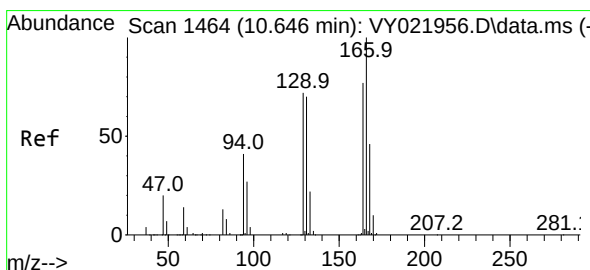
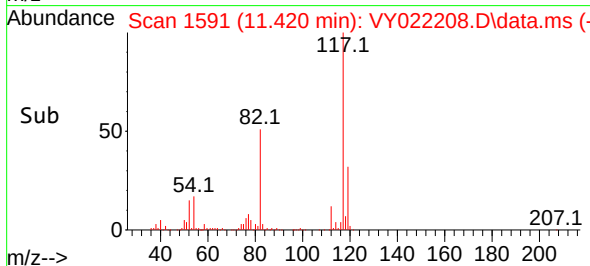
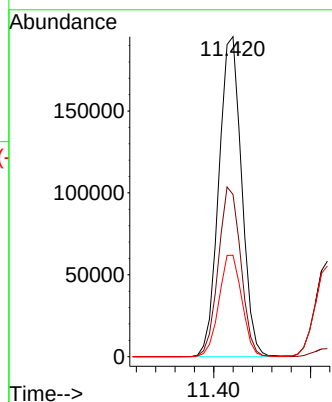
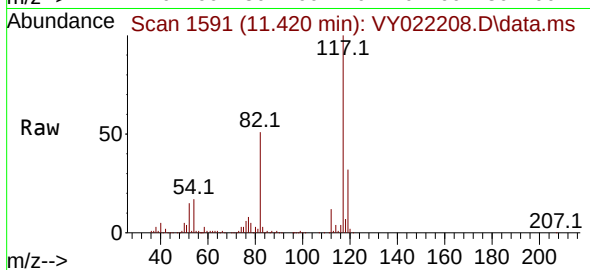
Tgt Ion:117 Resp: 319177

Ion Ratio Lower Upper

117 100

82 50.7 42.1 63.1

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 51.716 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Tgt Ion:164 Resp: 155716

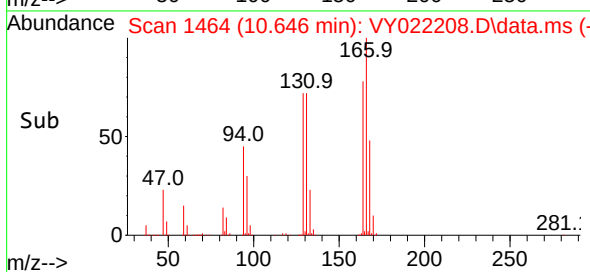
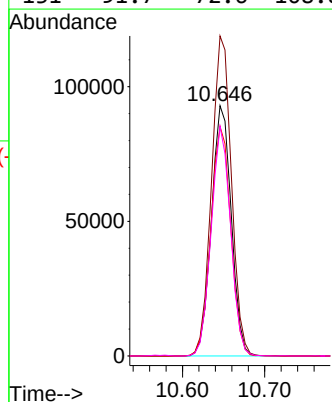
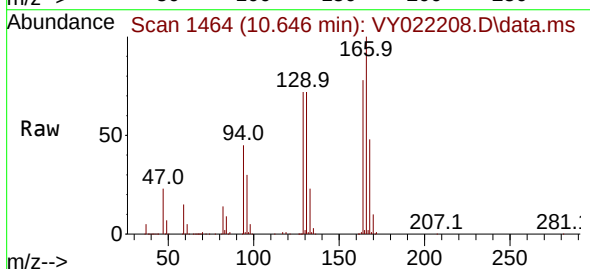
Ion Ratio Lower Upper

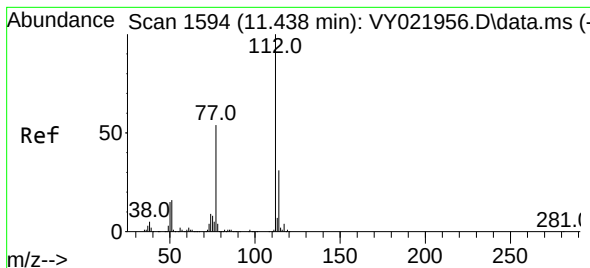
164 100

166 127.9 103.6 155.4

129 91.8 74.2 111.4

131 91.7 72.6 108.8

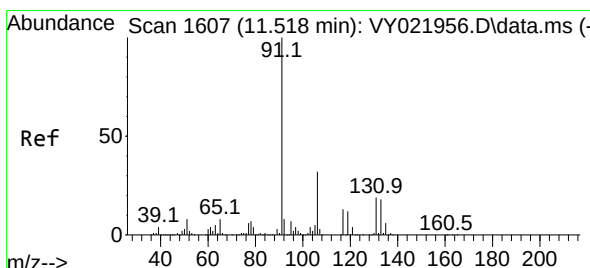
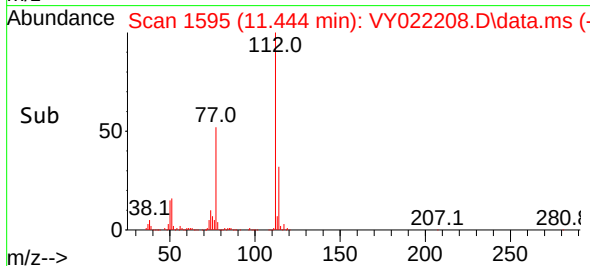
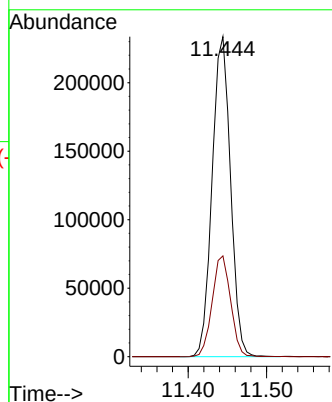
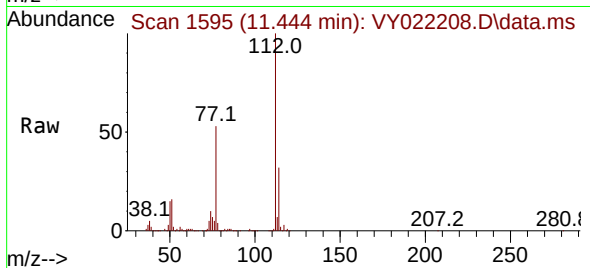




#65
Chlorobenzene
Concen: 53.414 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

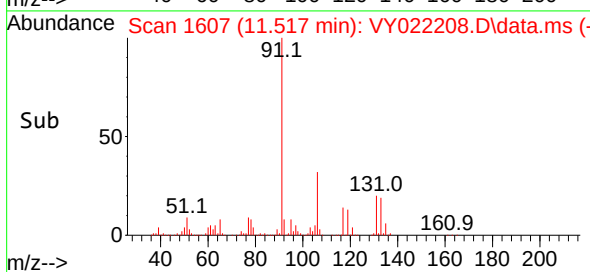
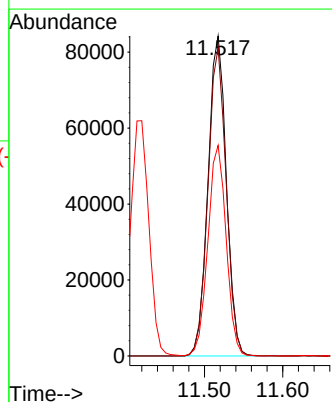
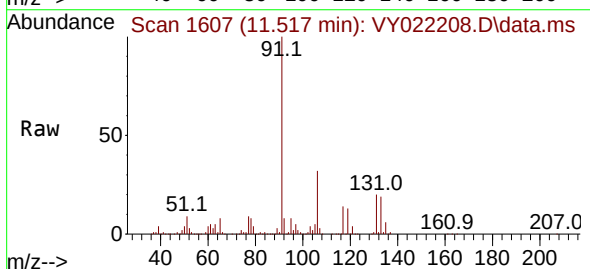
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

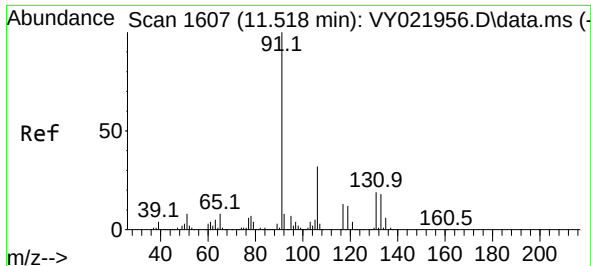
Tgt Ion:112 Resp: 381251
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.401 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion:131 Resp: 136702
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 65.8 32.4 97.0

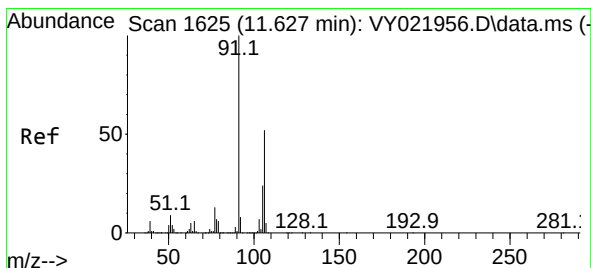
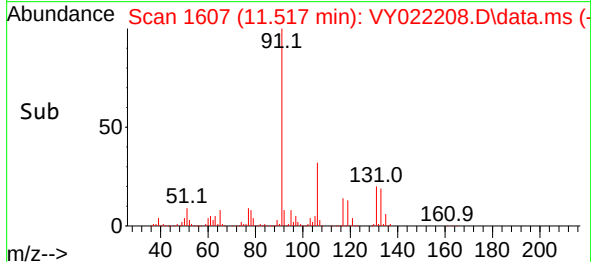
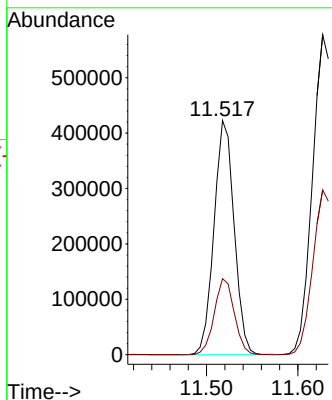
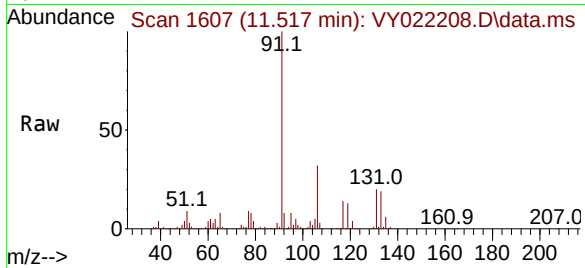




#67
Ethyl Benzene
Concen: 55.419 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

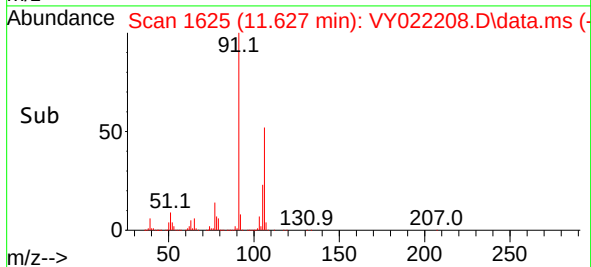
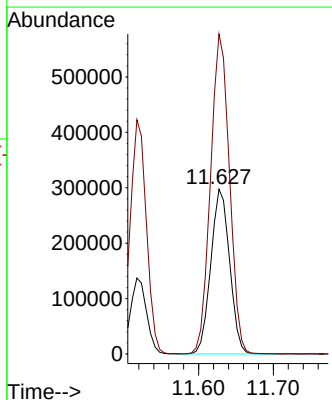
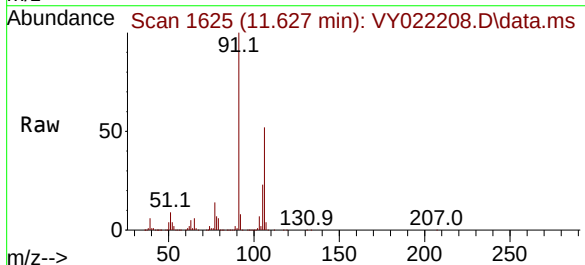
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

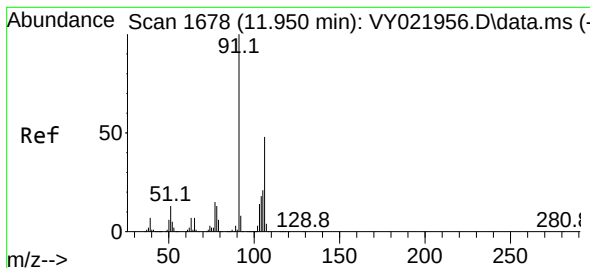
Tgt Ion: 91 Resp: 647066
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9



#68
m/p-Xylenes
Concen: 112.111 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 106 Resp: 520881
Ion Ratio Lower Upper
106 100
91 195.7 156.2 234.2





#69

o-Xylene

Concen: 55.683 ug/l

RT: 11.956 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

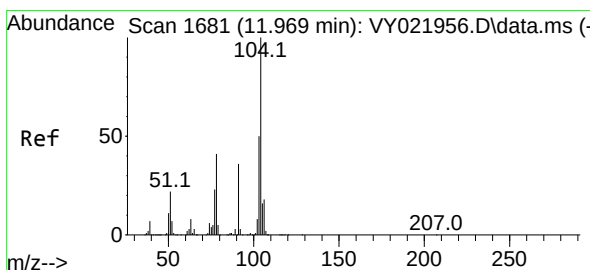
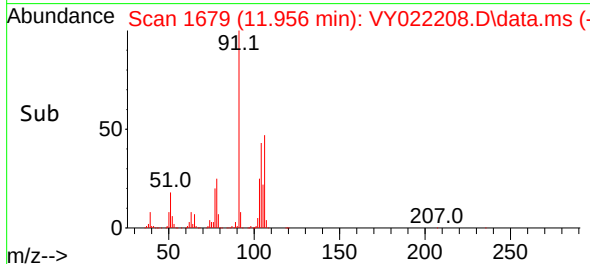
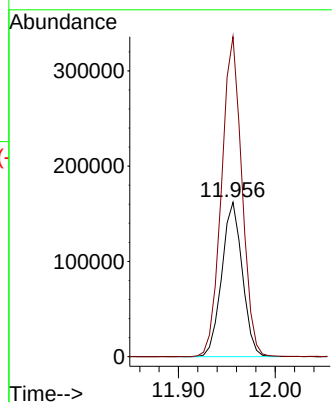
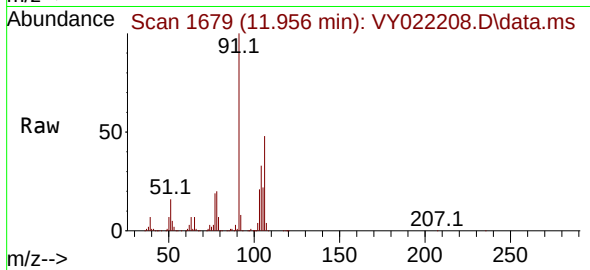
VSTDCCC050

Tgt Ion:106 Resp: 238450

Ion Ratio Lower Upper

106 100

91 205.7 103.0 308.9



#70

Styrene

Concen: 57.168 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

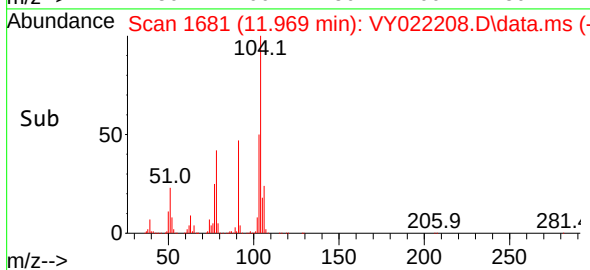
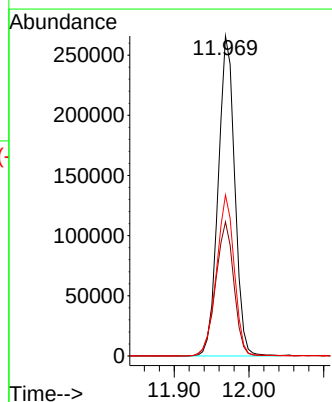
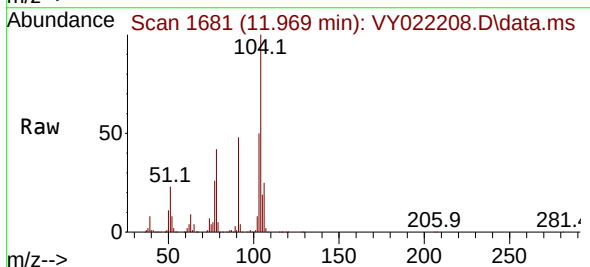
Tgt Ion:104 Resp: 411045

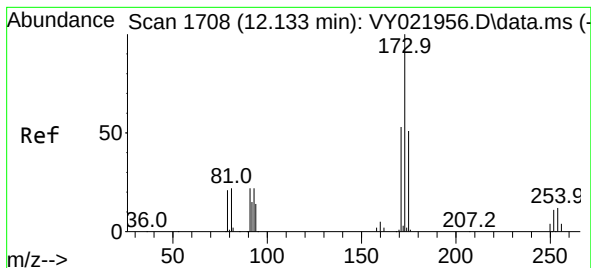
Ion Ratio Lower Upper

104 100

78 45.9 36.6 54.8

103 53.8 43.8 65.8





#71

Bromoform

Concen: 52.728 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

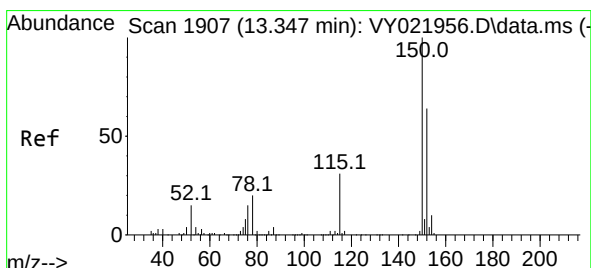
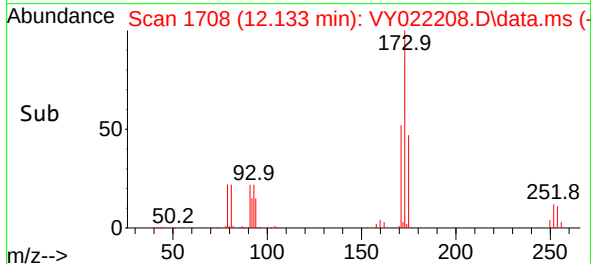
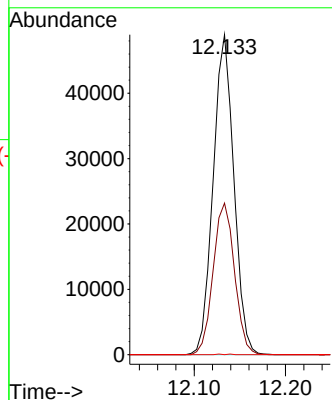
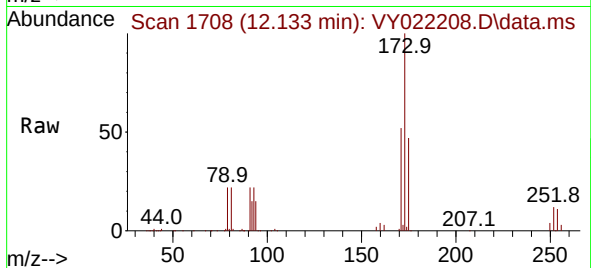
Tgt Ion:173 Resp: 77033

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

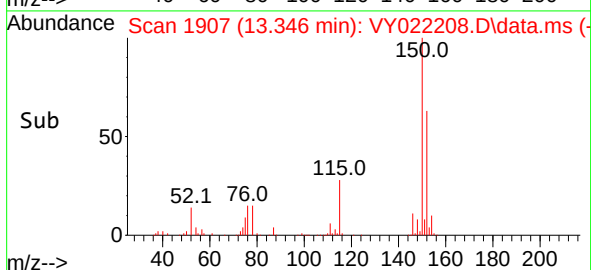
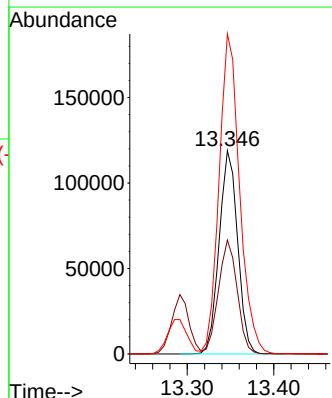
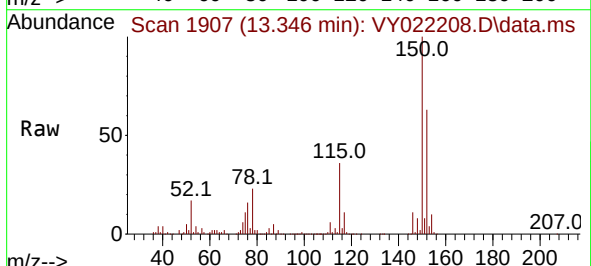
Tgt Ion:152 Resp: 176689

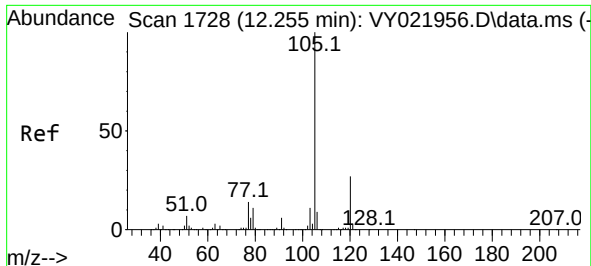
Ion Ratio Lower Upper

152 100

115 56.7 28.0 84.0

150 174.5 0.0 345.6

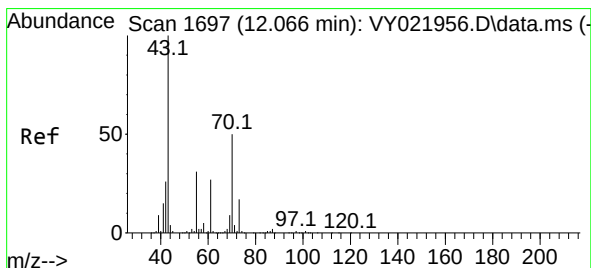
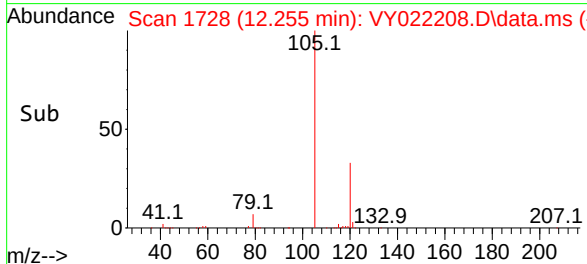
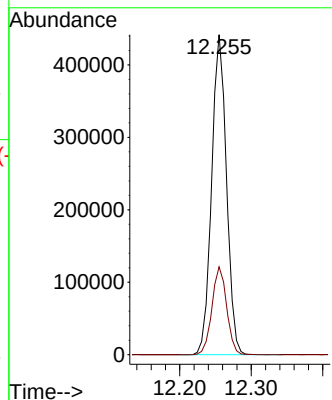
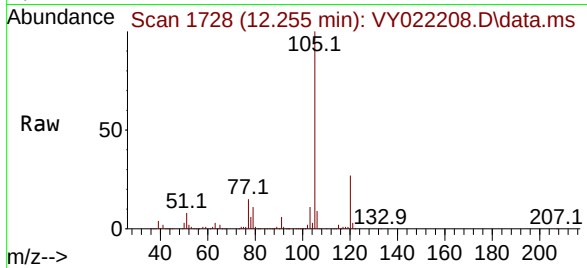




#73
Isopropylbenzene
Concen: 53.854 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

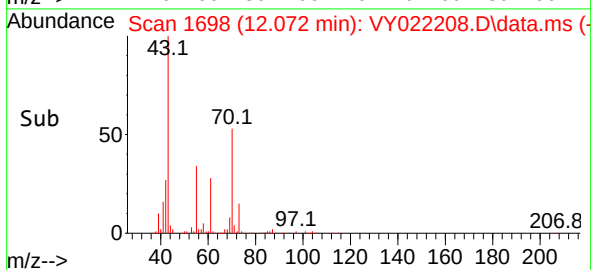
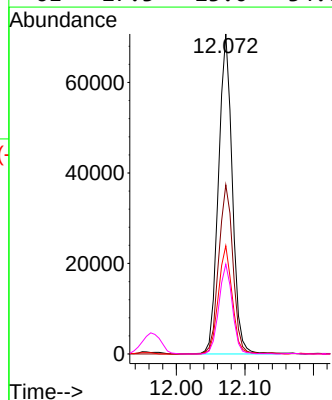
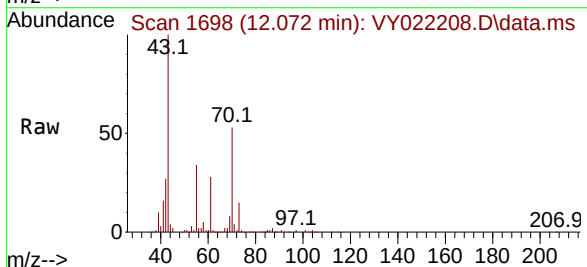
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

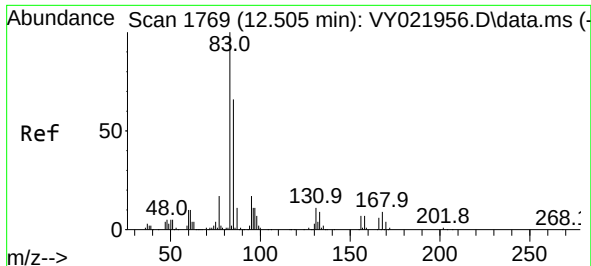
Tgt Ion:105 Resp: 635730
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#74
N-ethyl acetate
Concen: 48.925 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 43 Resp: 99228
Ion Ratio Lower Upper
43 100
70 54.3 43.2 64.8
55 33.6 25.7 38.5
61 27.3 23.0 34.6

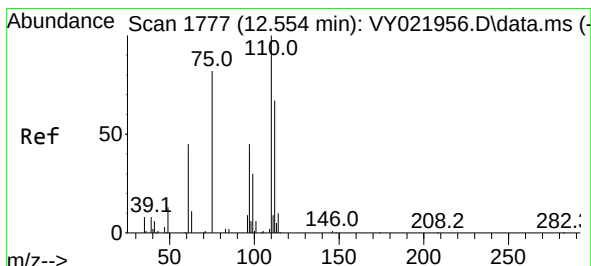
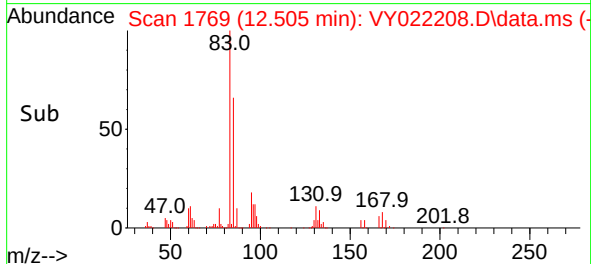
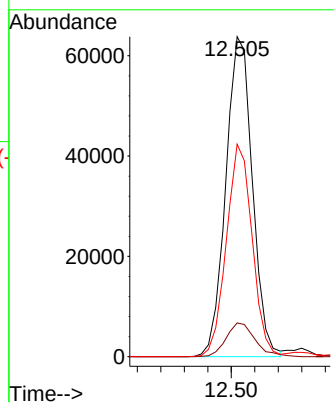
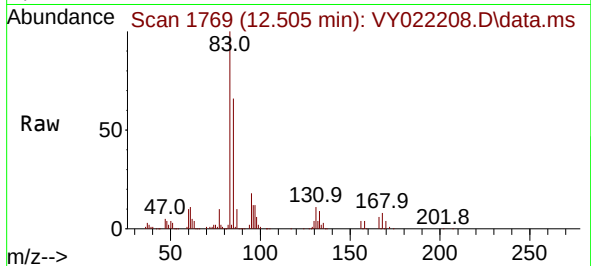




#75
1,1,2,2-Tetrachloroethane
Concen: 50.353 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

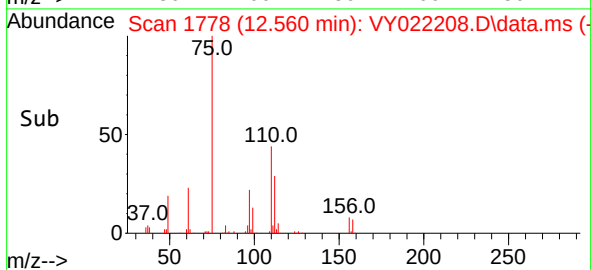
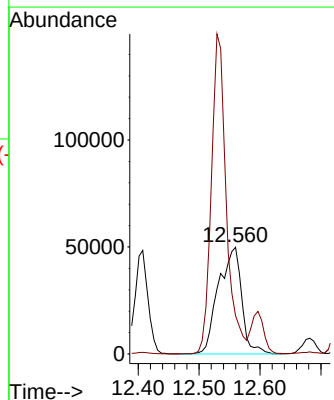
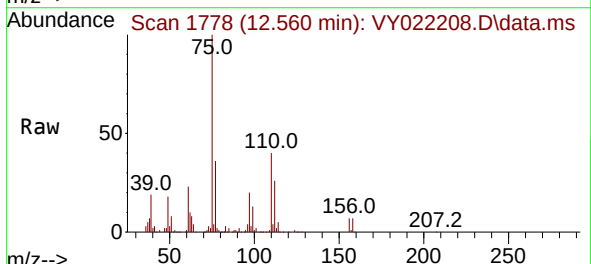
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

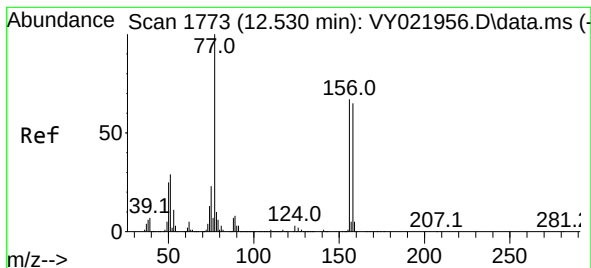
Tgt Ion: 83 Resp: 100214
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.4
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 87.476 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 75 Resp: 132388
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.026 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

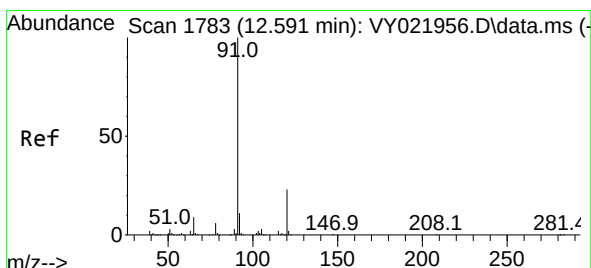
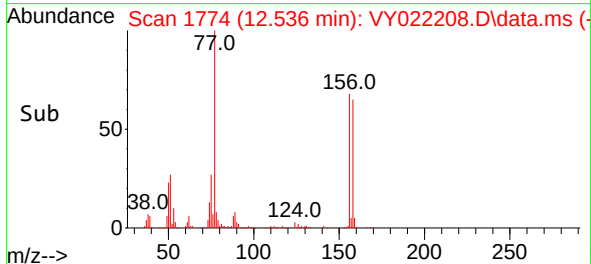
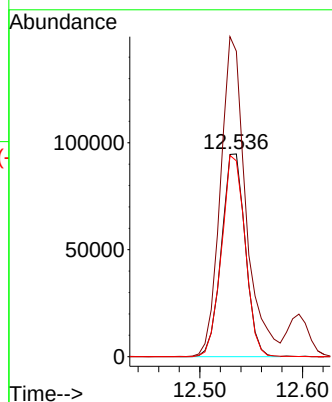
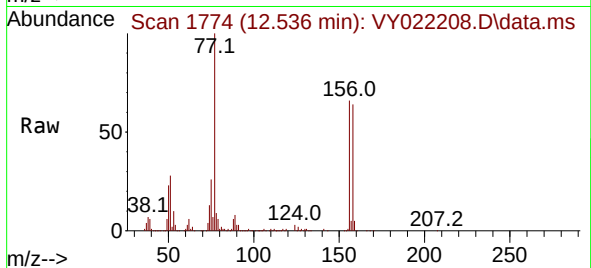
Tgt Ion:156 Resp: 152204

Ion Ratio Lower Upper

156 100

77 168.5 82.7 248.1

158 98.3 48.1 144.4



#78

n-propylbenzene

Concen: 54.561 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022208.D

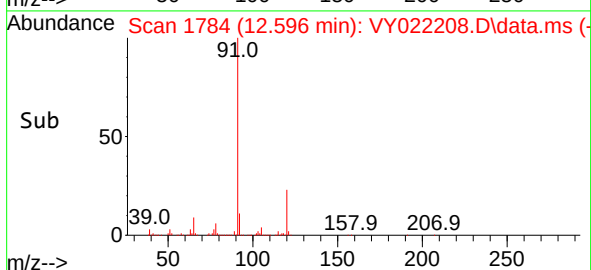
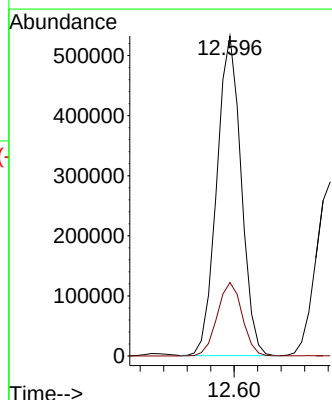
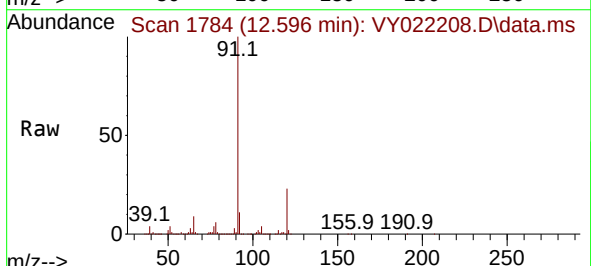
Acq: 12 May 2025 08:26

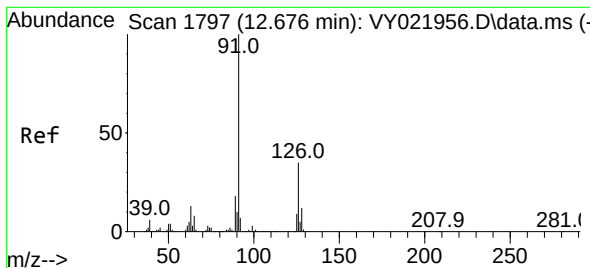
Tgt Ion: 91 Resp: 767016

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5

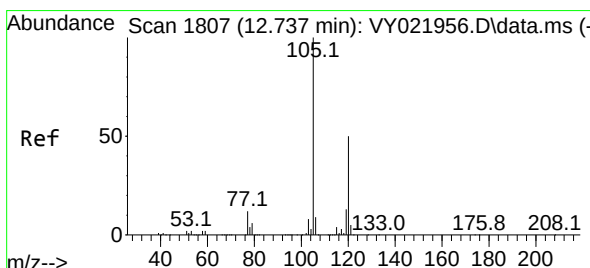
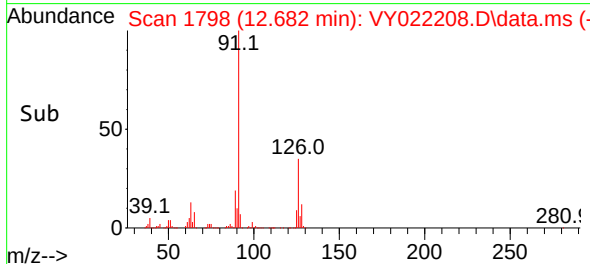
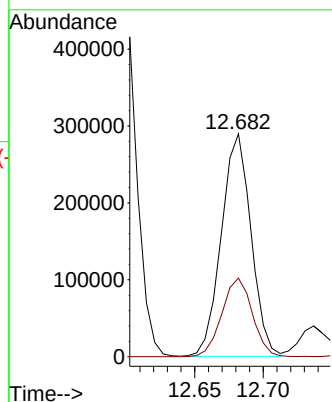
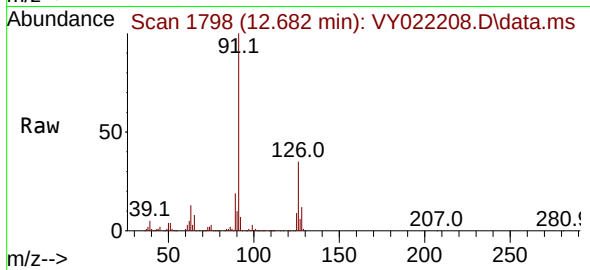




#79
2-Chlorotoluene
Concen: 53.370 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

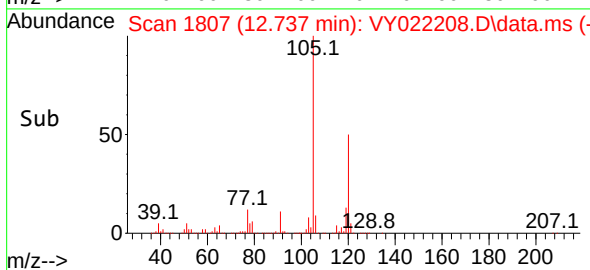
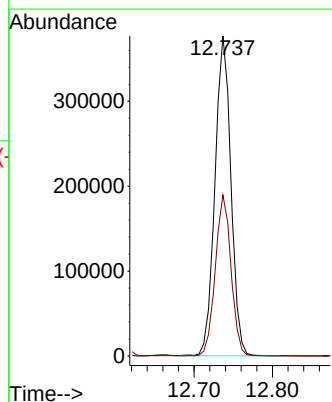
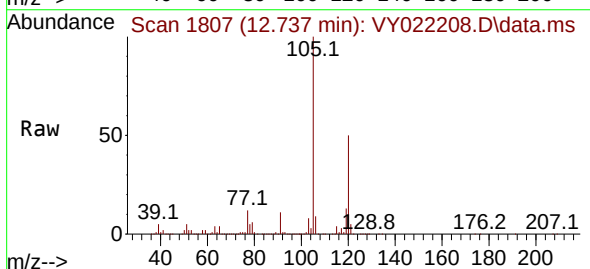
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

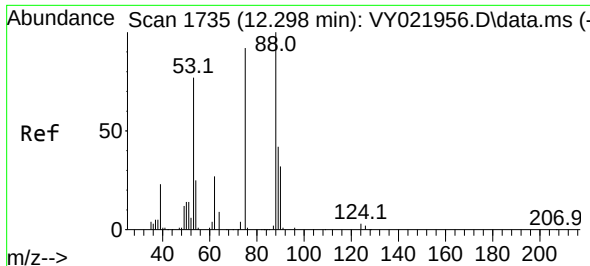
Tgt Ion: 91 Resp: 436335
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 54.851 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 105 Resp: 533502
Ion Ratio Lower Upper
105 100
120 49.4 25.0 75.0

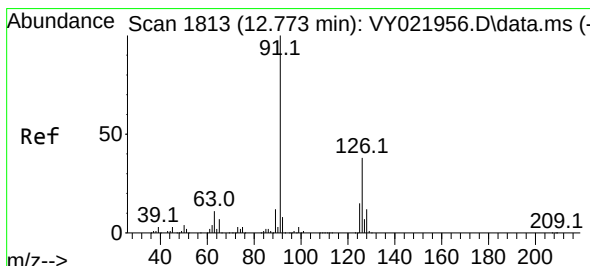
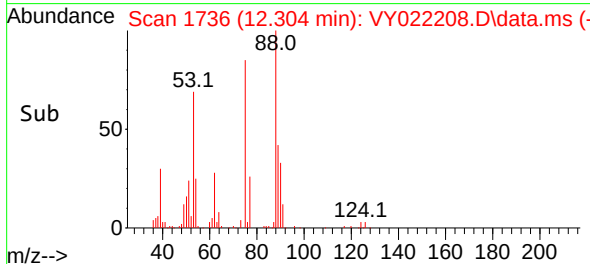
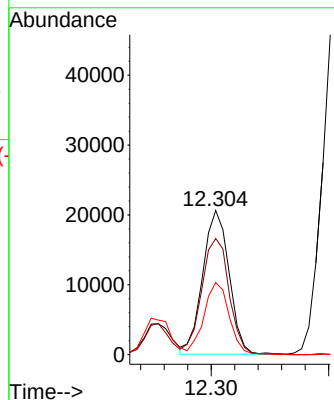
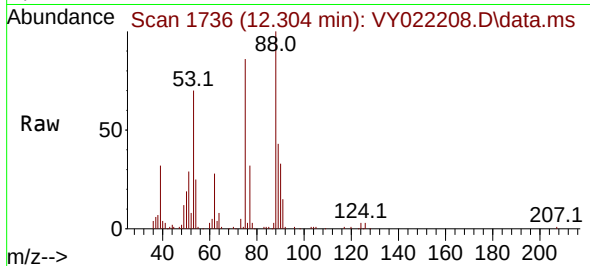




#81
trans-1,4-Dichloro-2-butene
Concen: 51.091 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

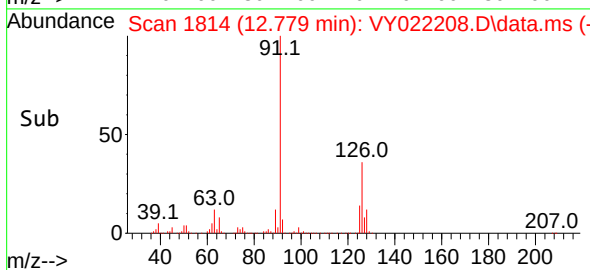
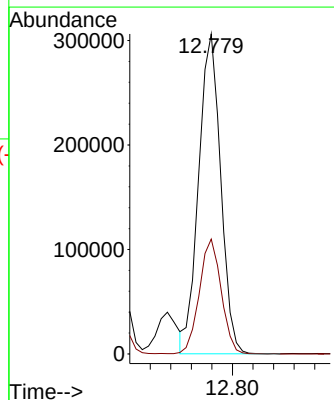
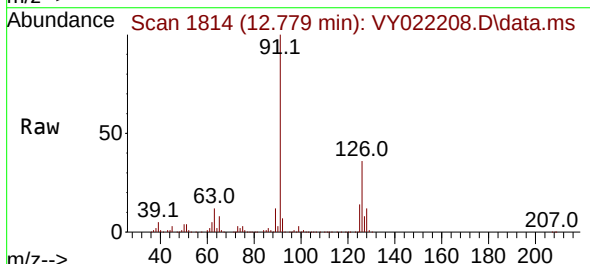
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

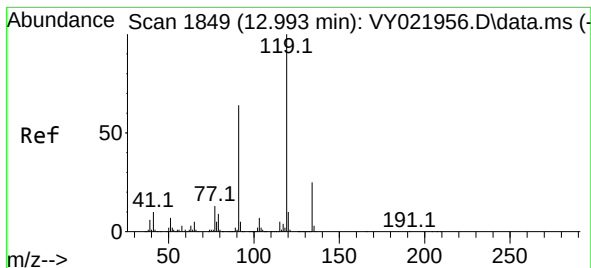
Tgt Ion: 75 Resp: 32109
Ion Ratio Lower Upper
75 100
53 84.7 66.0 99.0
89 48.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 53.639 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 91 Resp: 455866
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.8





#83

tert-Butylbenzene

Concen: 54.225 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

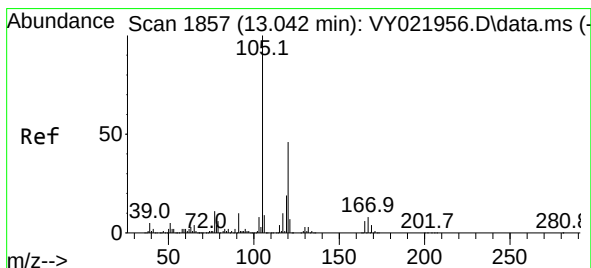
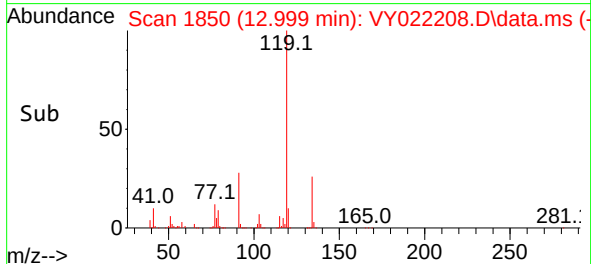
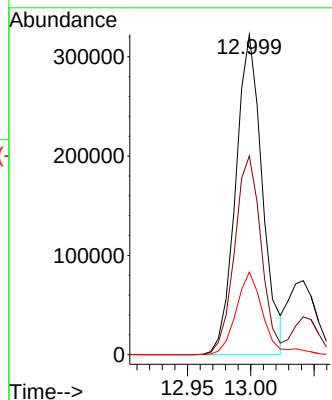
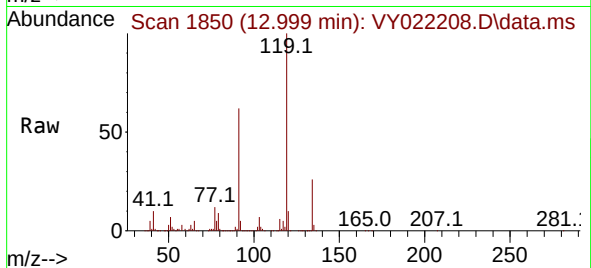
Tgt Ion:119 Resp: 473011

Ion Ratio Lower Upper

119 100

91 61.9 30.3 90.9

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.445 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022208.D

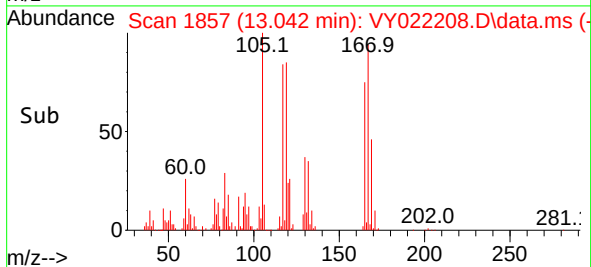
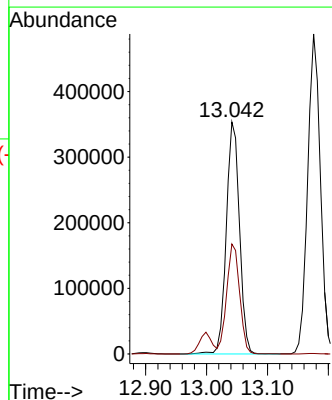
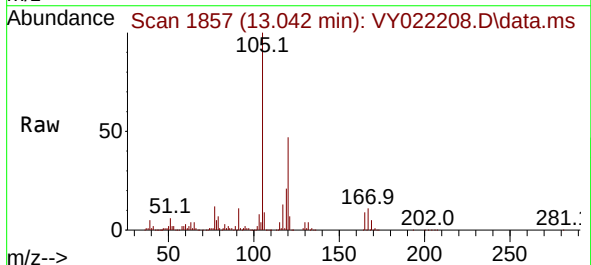
Acq: 12 May 2025 08:26

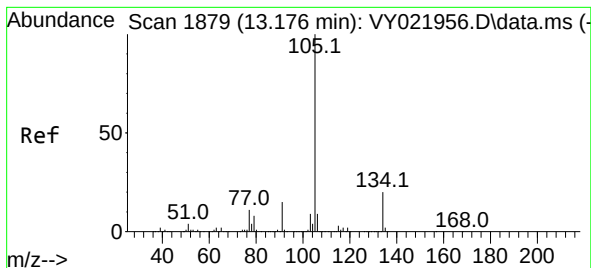
Tgt Ion:105 Resp: 529673

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 55.140 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

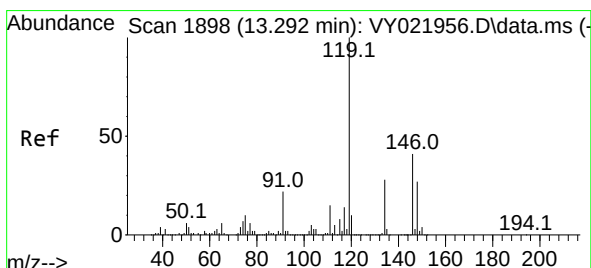
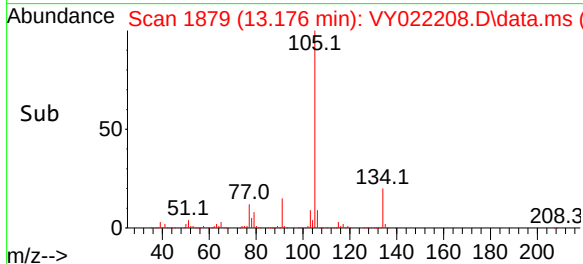
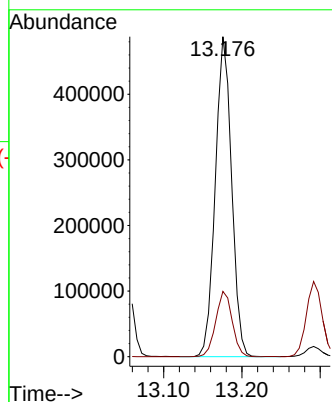
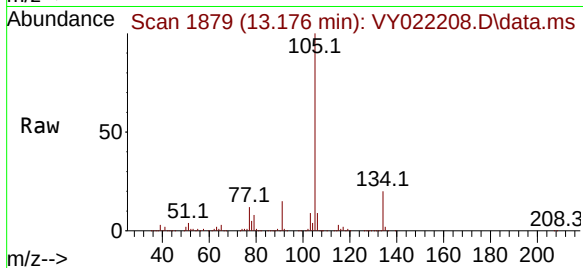
VSTDCCC050

Tgt Ion:105 Resp: 703839

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 55.074 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

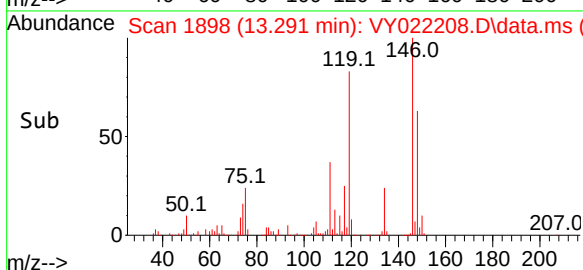
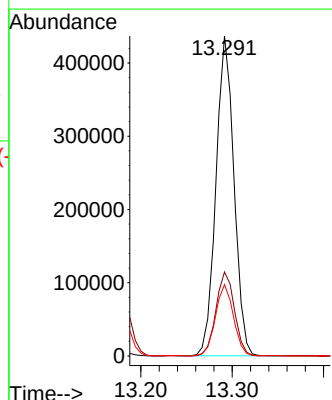
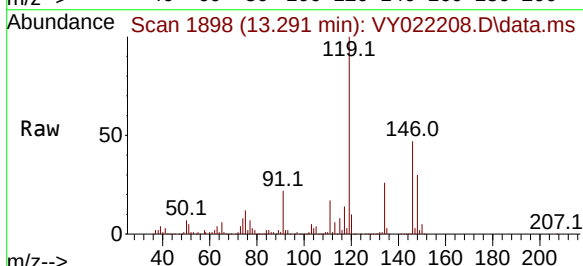
Tgt Ion:119 Resp: 596949

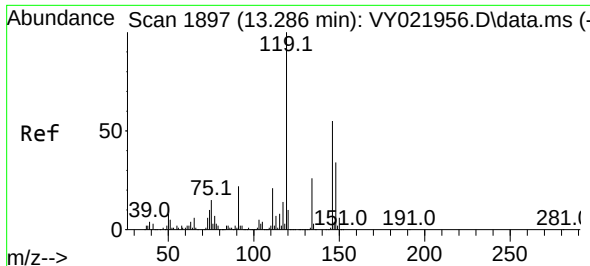
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 52.394 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

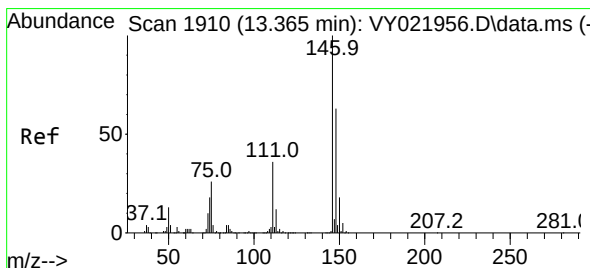
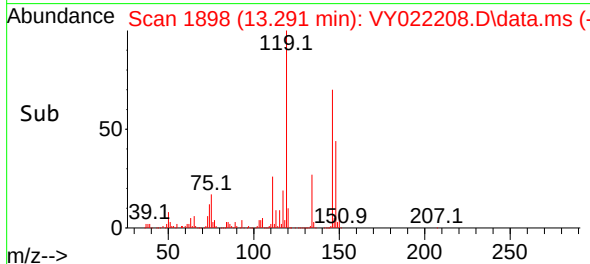
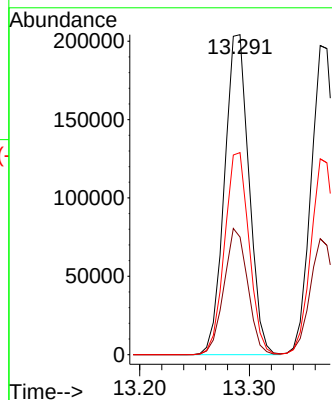
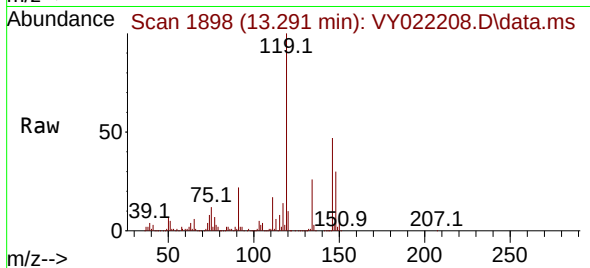
Tgt Ion:146 Resp: 317420

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 63.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.475 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

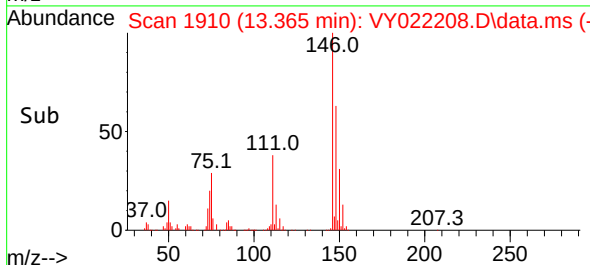
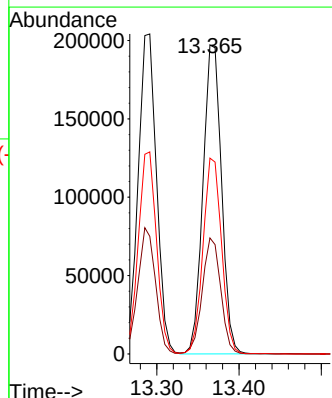
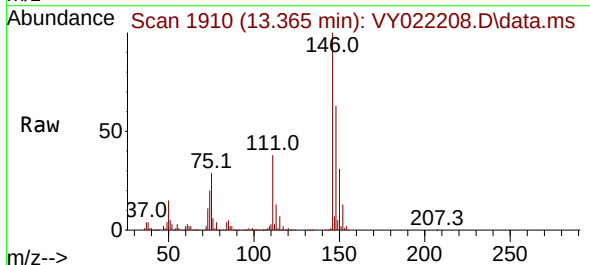
Tgt Ion:146 Resp: 308858

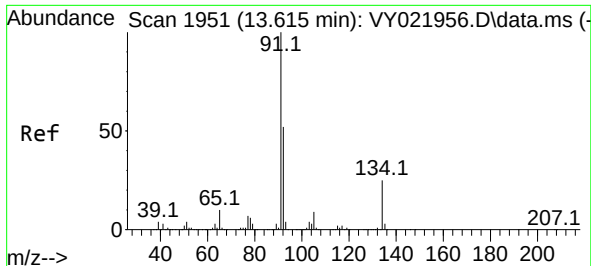
Ion Ratio Lower Upper

146 100

111 37.7 19.2 57.6

148 63.7 32.0 96.0

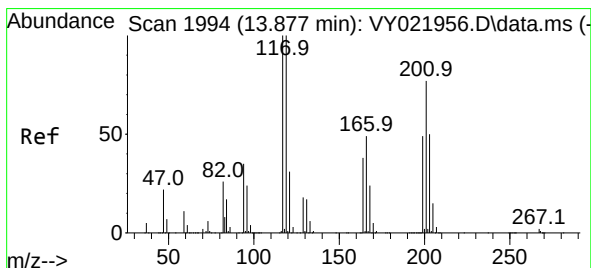
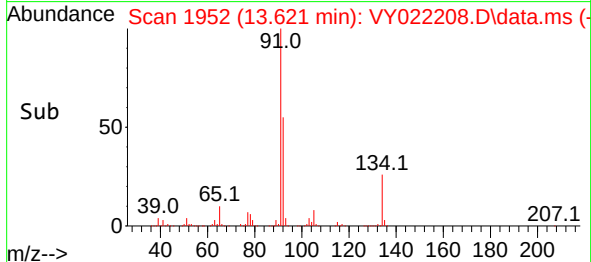
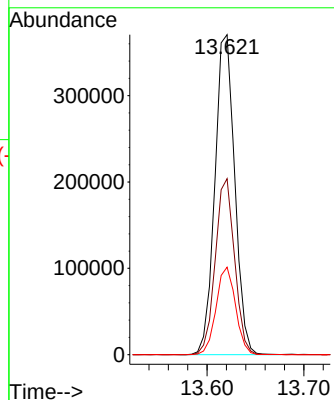
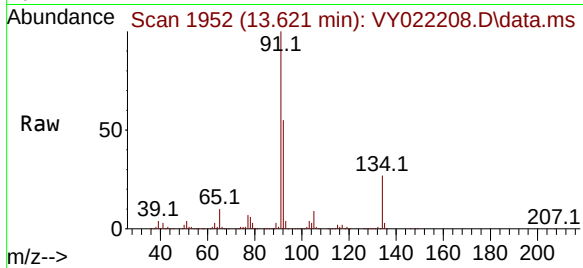




#89
n-Butylbenzene
Concen: 54.509 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

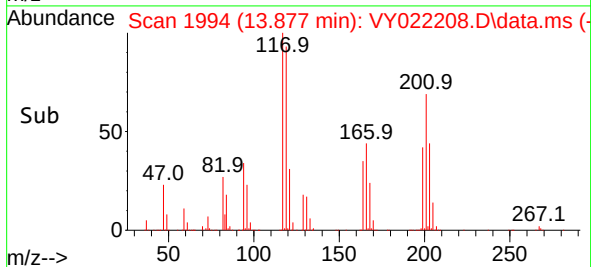
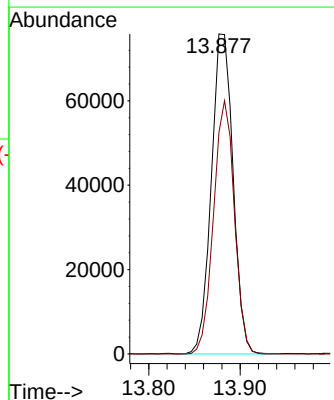
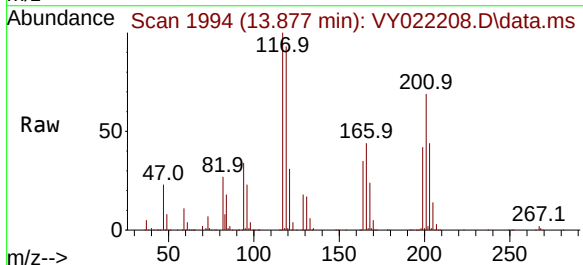
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

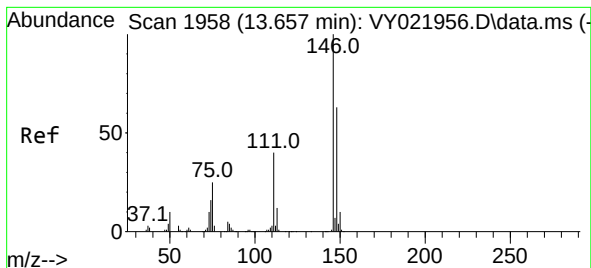
Tgt Ion: 91 Resp: 528105
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 52.668 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion: 117 Resp: 125426
Ion Ratio Lower Upper
117 100
201 75.9 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 51.620 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

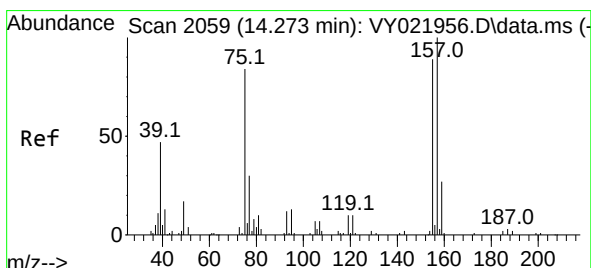
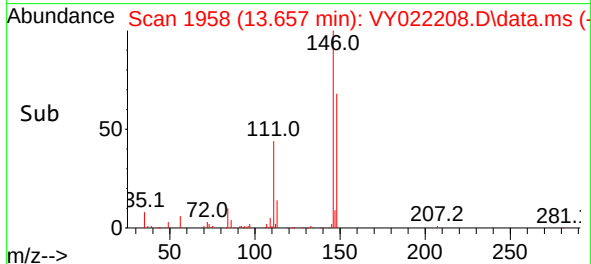
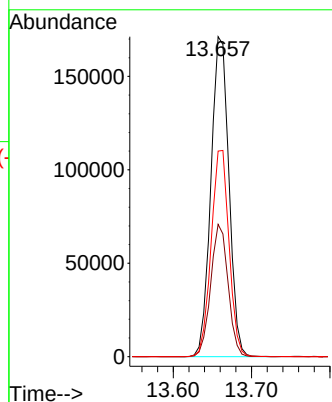
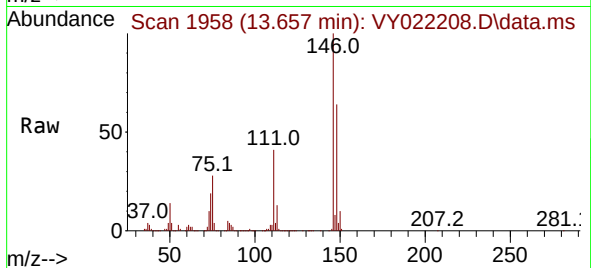
Tgt Ion:146 Resp: 272765

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 64.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.816 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

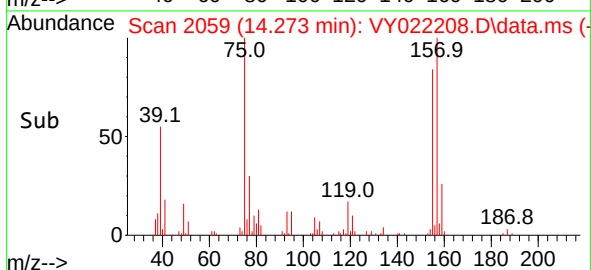
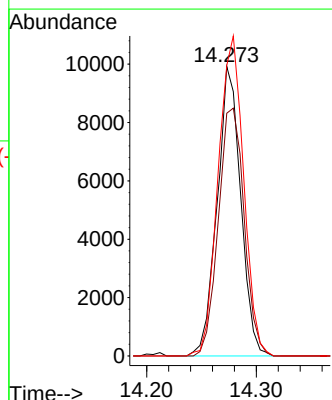
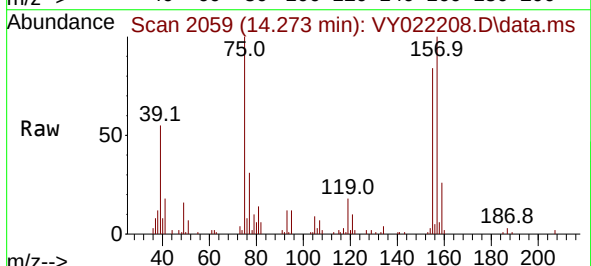
Tgt Ion: 75 Resp: 14824

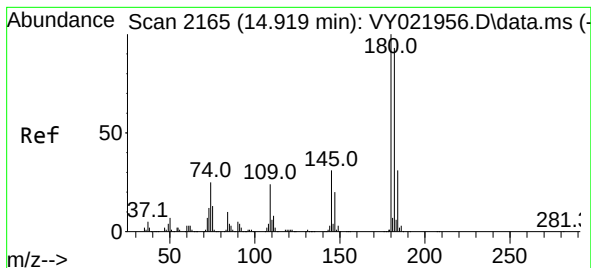
Ion Ratio Lower Upper

75 100

155 93.6 50.7 152.3

157 118.9 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 49.091 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

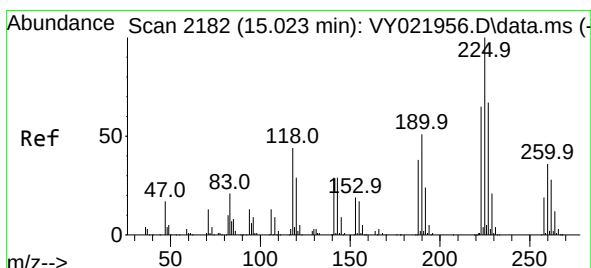
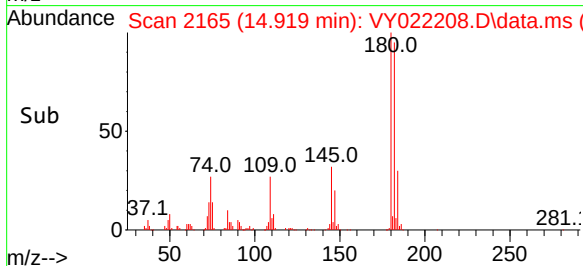
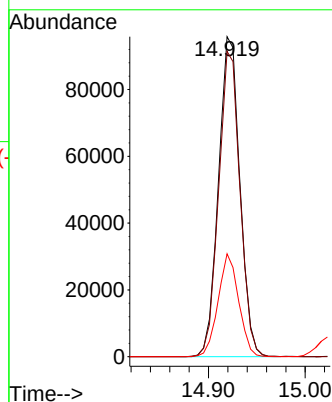
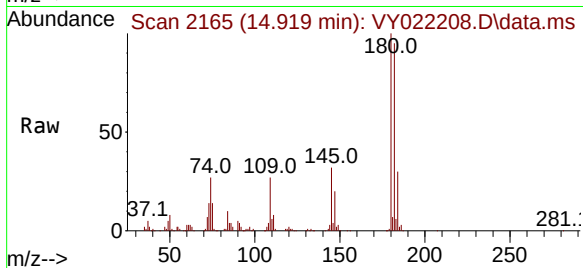
Tgt Ion:180 Resp: 146994

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.4

145 31.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 50.405 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022208.D

Acq: 12 May 2025 08:26

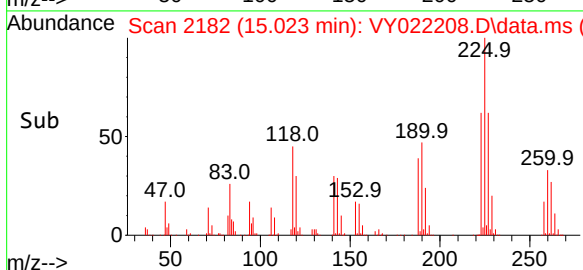
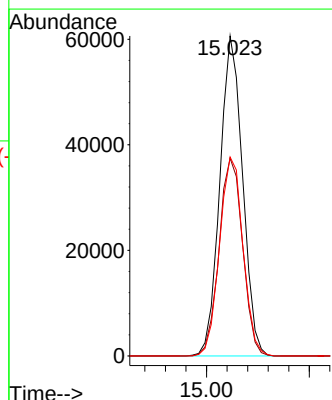
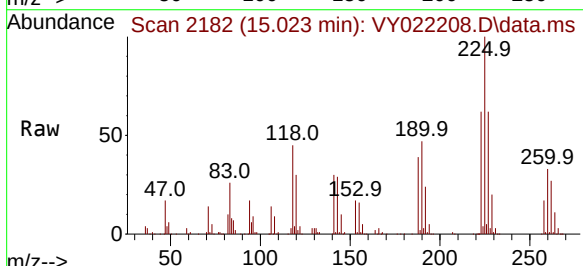
Tgt Ion:225 Resp: 92861

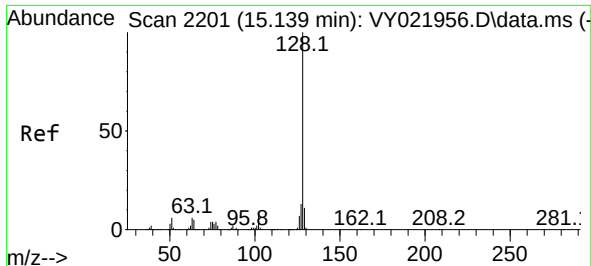
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.5

227 64.2 32.3 96.9

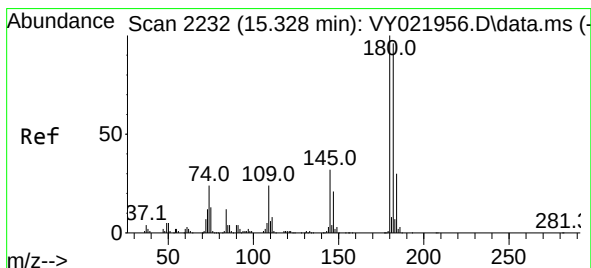
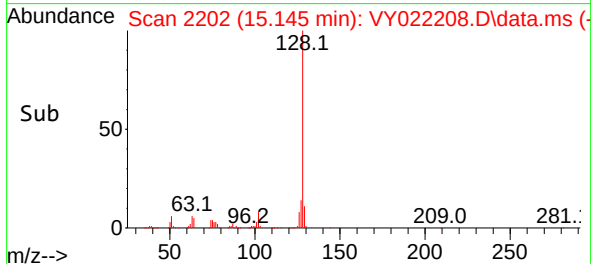
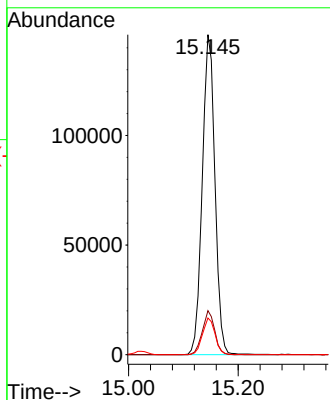
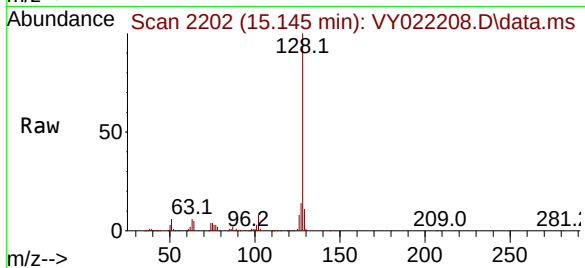




#95
Naphthalene
Concen: 46.992 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 233741
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.516 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022208.D
Acq: 12 May 2025 08:26

Tgt Ion:180 Resp: 127984
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.4
145 30.4 16.0 48.0

