

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022277.D
 Acq On : 16 May 2025 08:24
 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 17 01:26:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	212993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	356583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	305829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117567	50.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.020%	
35) Dibromofluoromethane	7.634	113	109661	51.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.109	98	450916	51.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.407	95	138475	50.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	110954	49.923	ug/l	99
3) Chloromethane	2.068	50	227201	48.598	ug/l	99
4) Vinyl Chloride	2.202	62	286097	54.773	ug/l	96
5) Bromomethane	2.598	94	228058	53.635	ug/l	99
6) Chloroethane	2.738	64	188872	58.123	ug/l	95
7) Trichlorofluoromethane	3.055	101	278547	52.672	ug/l	100
8) Diethyl Ether	3.452	74	65966	51.977	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	121276	52.824	ug/l	100
10) Methyl Iodide	4.007	142	149113	56.117	ug/l	99
11) Tert butyl alcohol	4.872	59	42970	241.730	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	121321	53.251	ug/l	99
13) Acrolein	3.653	56	53247	204.899	ug/l	99
14) Allyl chloride	4.384	41	204941	51.302	ug/l	96
15) Acrylonitrile	5.061	53	135814	259.711	ug/l	98
16) Acetone	3.872	43	109507	250.886	ug/l	100
17) Carbon Disulfide	4.104	76	394070	53.042	ug/l	99
18) Methyl Acetate	4.384	43	69106	50.215	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	328680	52.321	ug/l	97
20) Methylene Chloride	4.616	84	134377	47.645	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	133277	52.998	ug/l	98
22) Diisopropyl ether	6.018	45	437077	51.810	ug/l	100
23) Vinyl Acetate	5.957	43	1279898	251.128	ug/l	100
24) 1,1-Dichloroethane	5.915	63	249652	52.970	ug/l	99
25) 2-Butanone	6.896	43	177141	242.624	ug/l	100
26) 2,2-Dichloropropane	6.884	77	227980	54.384	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	156977	54.093	ug/l	99
28) Bromochloromethane	7.244	49	103785	51.625	ug/l	99
29) Tetrahydrofuran	7.262	42	115748	246.422	ug/l	96
30) Chloroform	7.421	83	247345	54.713	ug/l	94
31) Cyclohexane	7.701	56	232896	49.457	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	221082	53.304	ug/l	99
36) 1,1-Dichloropropene	7.835	75	183482	52.341	ug/l	98
37) Ethyl Acetate	6.982	43	82168	48.715	ug/l	98
38) Carbon Tetrachloride	7.817	117	191365	52.737	ug/l	97
39) Methylcyclohexane	9.109	83	242532	51.496	ug/l	100
40) Benzene	8.079	78	558801	53.771	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	50033	44.718	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	148582	52.870	ug/l	100
43) Isopropyl Acetate	8.195	43	182651	49.654	ug/l #	88
44) Trichloroethene	8.865	130	135760	52.539	ug/l	98
45) 1,2-Dichloropropane	9.140	63	132126	52.735	ug/l	97
46) Dibromomethane	9.231	93	70093	51.869	ug/l	99
47) Bromodichloromethane	9.426	83	189903	54.169	ug/l	98
48) Methyl methacrylate	9.219	41	85212	49.534	ug/l	98
49) 1,4-Dioxane	9.231	88	15293	1001.752	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	446509	247.383	ug/l	98
52) Toluene	10.170	92	350043	53.192	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	178121	52.062	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	209477	53.441	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	90613	52.364	ug/l	96
56) Ethyl methacrylate	10.438	69	136463	50.626	ug/l	98
57) 1,3-Dichloropropane	10.719	76	161520	52.534	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	319368	263.967	ug/l	99
59) 2-Hexanone	10.761	43	294366	243.243	ug/l	98
60) Dibromochloromethane	10.914	129	120550	53.672	ug/l	99
61) 1,2-Dibromoethane	11.017	107	84972	52.685	ug/l	99
64) Tetrachloroethene	10.646	164	145990	51.645	ug/l	97
65) Chlorobenzene	11.444	112	367007	53.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	125569	52.937	ug/l	100
67) Ethyl Benzene	11.517	91	683403	52.887	ug/l	99
68) m/p-Xylenes	11.627	106	518397	106.465	ug/l	100
69) o-Xylene	11.956	106	246010	53.401	ug/l	98
70) Styrene	11.968	104	414482	53.337	ug/l	99
71) Bromoform	12.133	173	65518	51.173	ug/l #	98
73) Isopropylbenzene	12.255	105	638419	53.338	ug/l	100
74) N-amyl acetate	12.072	43	170468	49.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	93984	51.057	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	138679	94.745	ug/l #	100
77) Bromobenzene	12.535	156	134547	52.632	ug/l	99
78) n-propylbenzene	12.596	91	773886	53.604	ug/l	100
79) 2-Chlorotoluene	12.682	91	422629	53.269	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	512810	53.075	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	34394	47.601	ug/l	97
82) 4-Chlorotoluene	12.779	91	434539	53.249	ug/l	100
83) tert-Butylbenzene	12.999	119	453991	52.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	515364	53.733	ug/l	100
85) sec-Butylbenzene	13.176	105	682585	53.545	ug/l	100
86) p-Isopropyltoluene	13.291	119	573661	53.506	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	277562	53.186	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	263812	52.554	ug/l	99
89) n-Butylbenzene	13.621	91	551378	54.360	ug/l	100
90) Hexachloroethane	13.883	117	115221	53.238	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	230646	52.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15069	50.767	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	134157	52.983	ug/l	99
94) Hexachlorobutadiene	15.023	225	74411	52.696	ug/l	100
95) Naphthalene	15.145	128	243439	50.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	111008	51.679	ug/l	99

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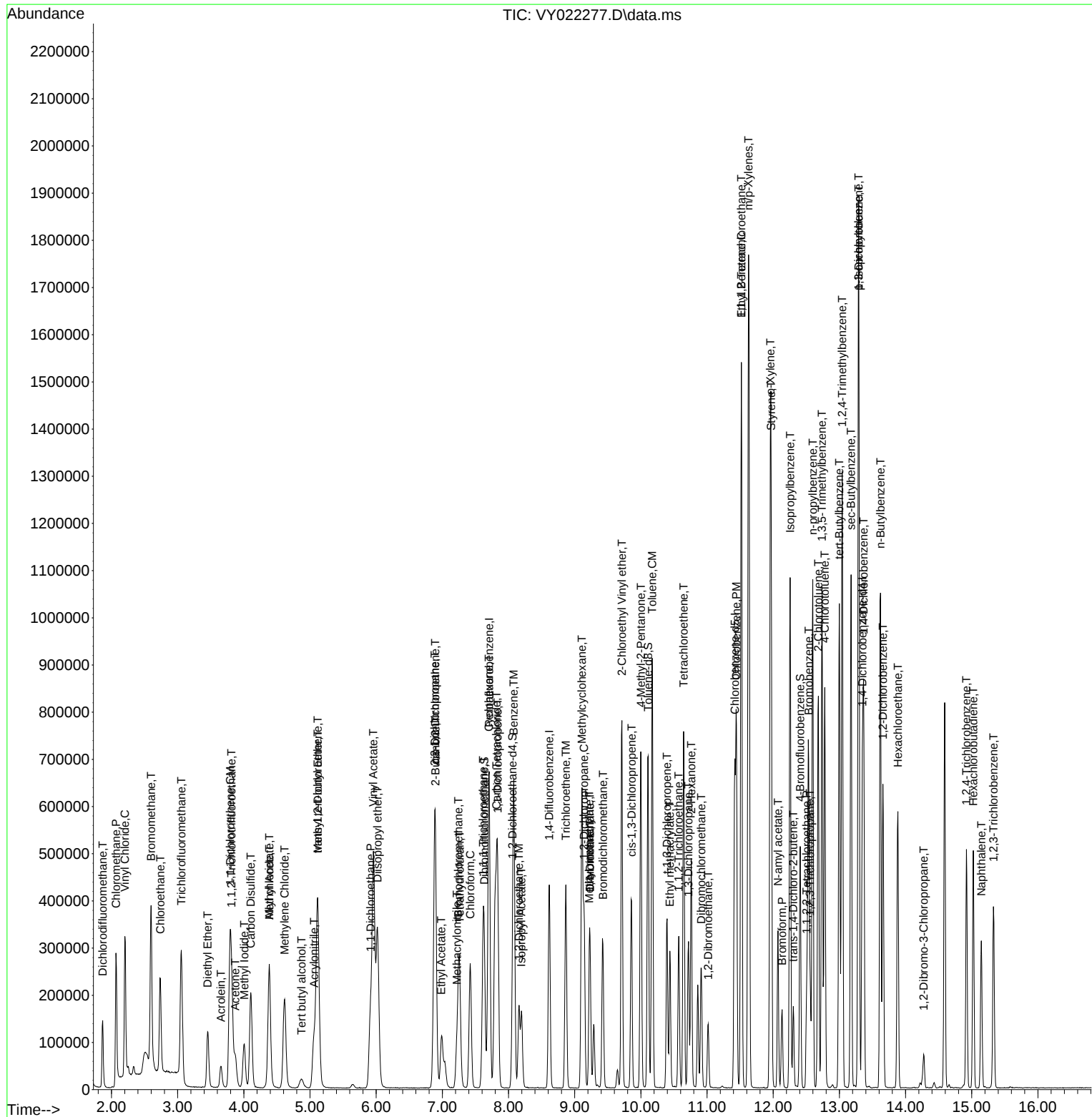
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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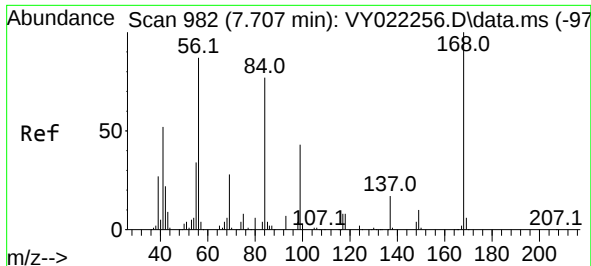
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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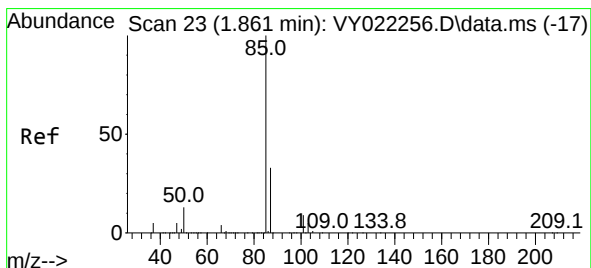
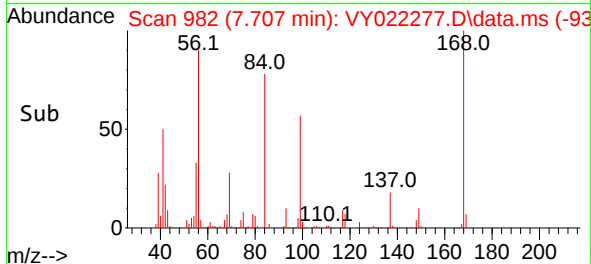
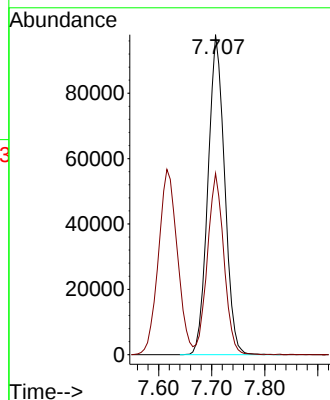
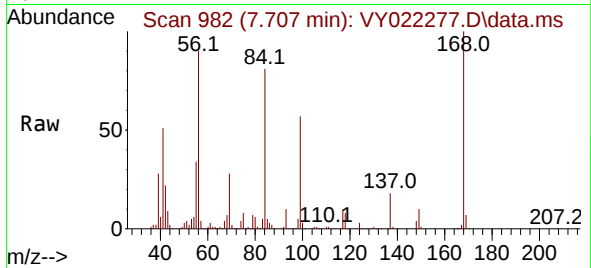




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022277.D
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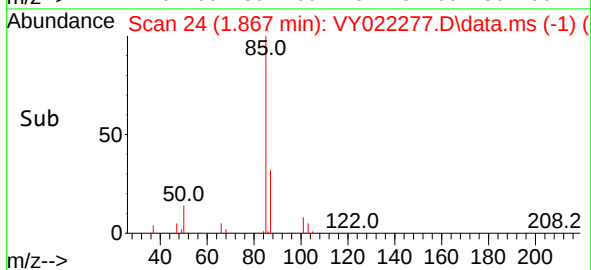
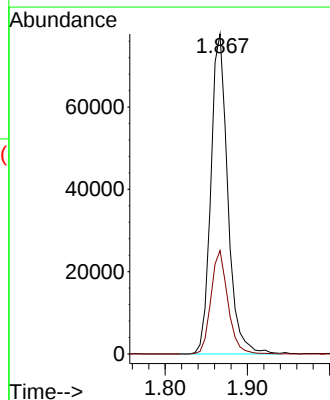
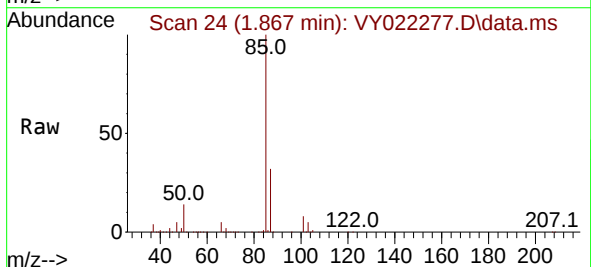
Instrument :
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ClientSampleId :
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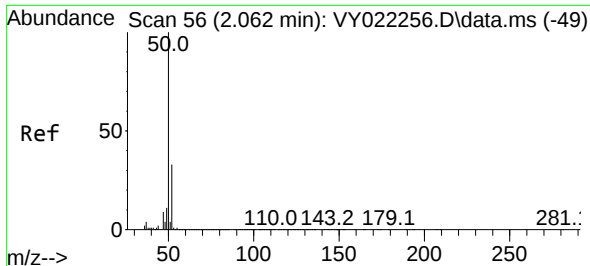
Tgt Ion:168 Resp: 212993
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 49.923 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 85 Resp: 110954
Ion Ratio Lower Upper
85 100
87 32.3 16.5 49.5

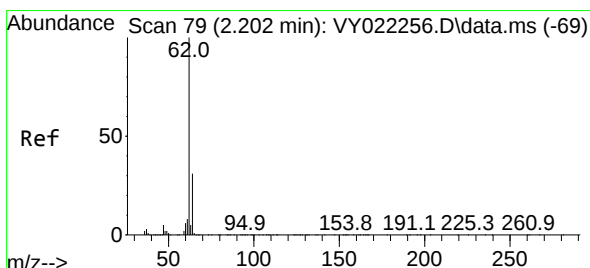
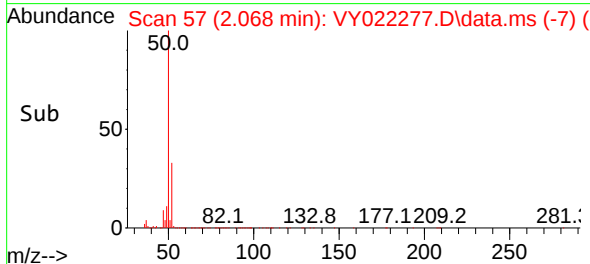
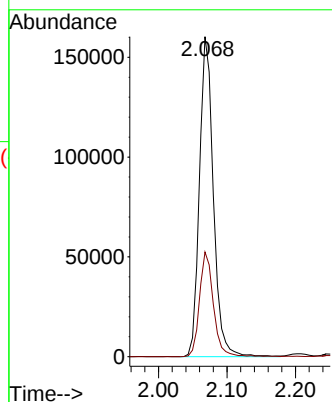
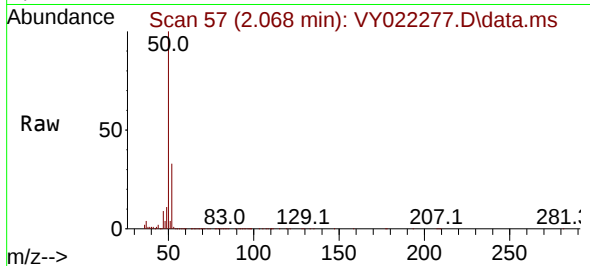




#3
Chloromethane
Concen: 48.598 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

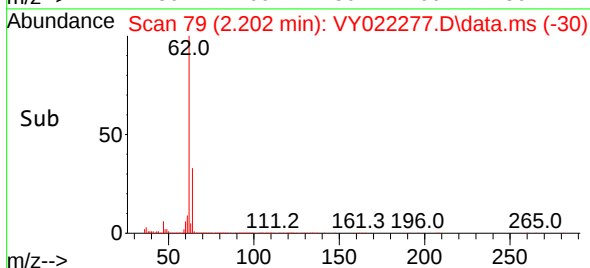
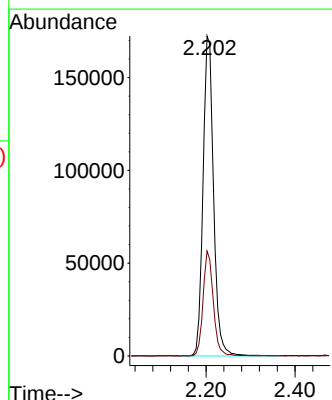
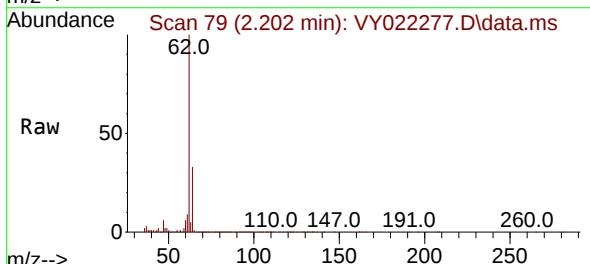
Instrument :
MSVOA_Y
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Tgt Ion: 50 Resp: 227201
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7



#4
Vinyl Chloride
Concen: 54.773 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 62 Resp: 286097
Ion Ratio Lower Upper
62 100
64 32.8 24.5 36.7

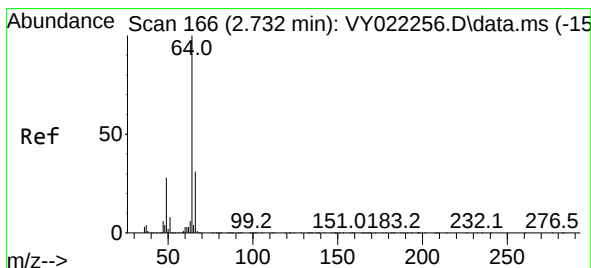
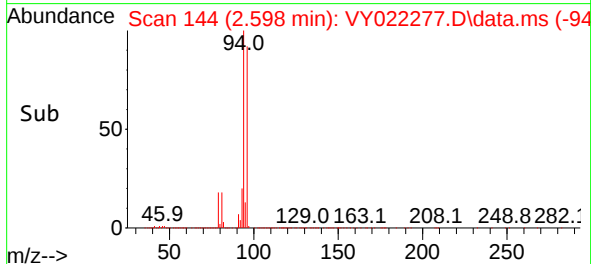
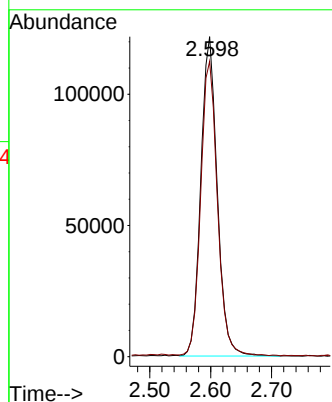
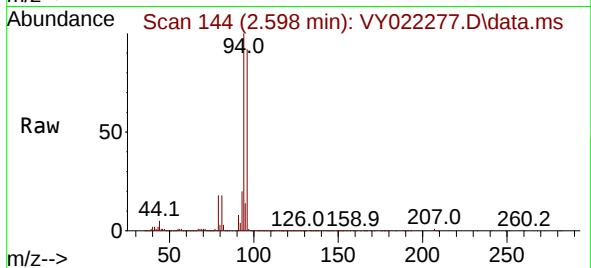




#5
Bromomethane
Concen: 53.635 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

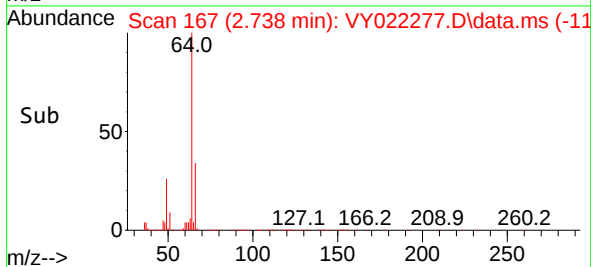
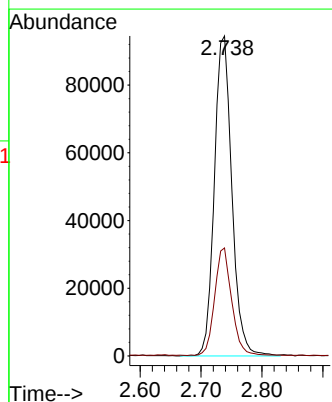
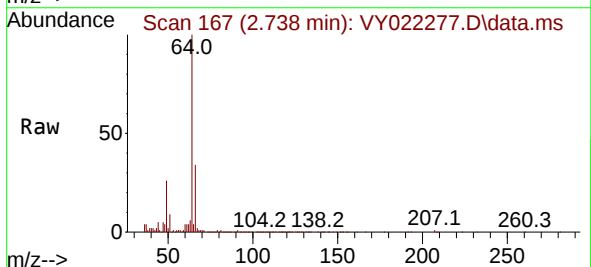
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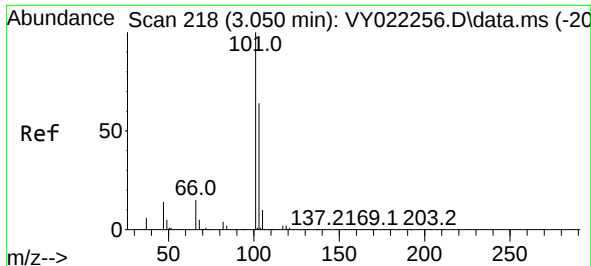
Tgt Ion: 94 Resp: 228058
Ion Ratio Lower Upper
94 100
96 92.2 73.4 110.0



#6
Chloroethane
Concen: 58.123 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 64 Resp: 188872
Ion Ratio Lower Upper
64 100
66 33.5 24.8 37.2

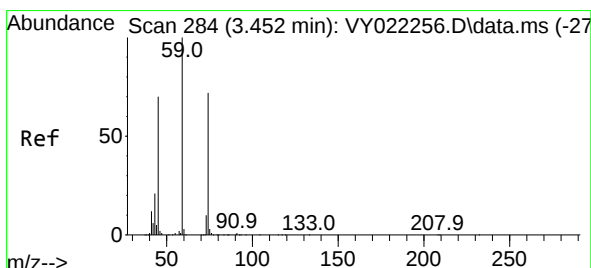
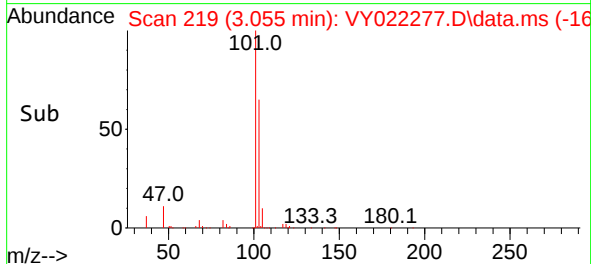
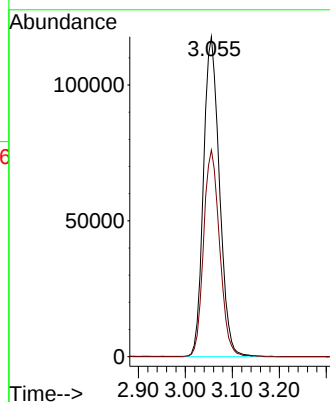
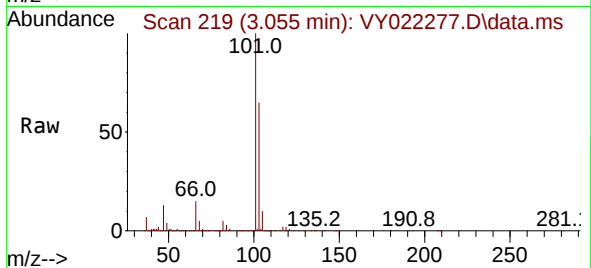




#7
Trichlorofluoromethane
Concen: 52.672 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

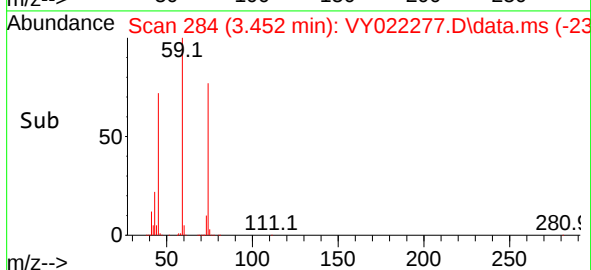
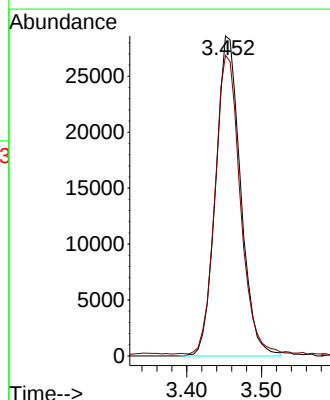
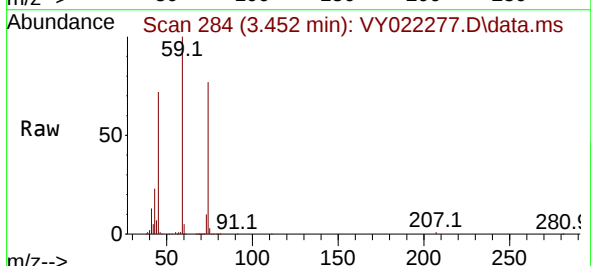
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 278547
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5



#8
Diethyl Ether
Concen: 51.977 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 74 Resp: 65966
Ion Ratio Lower Upper
74 100
45 94.5 48.6 145.8

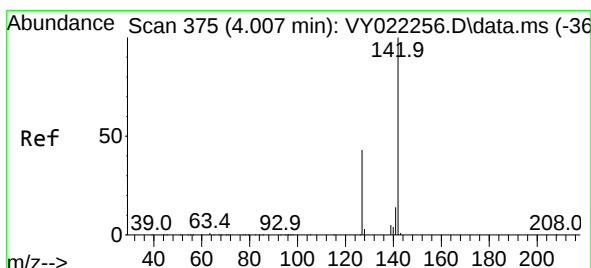
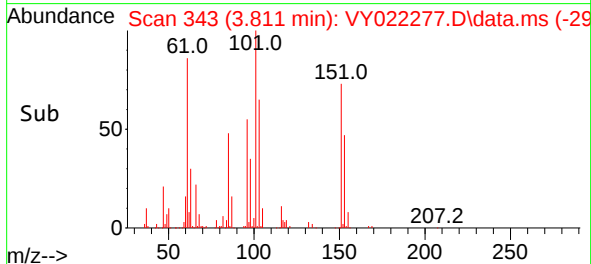
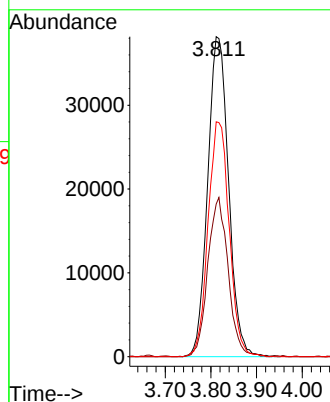
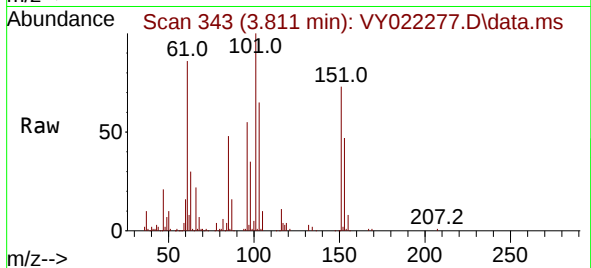




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.824 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

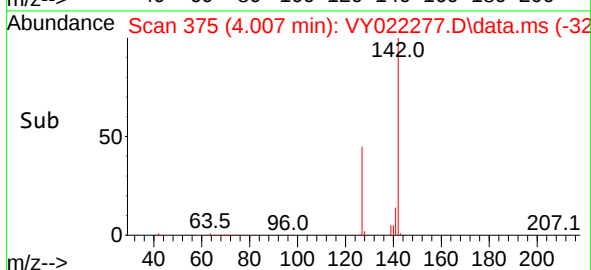
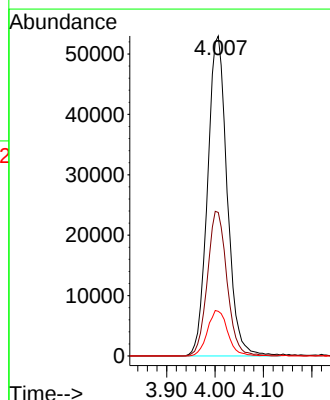
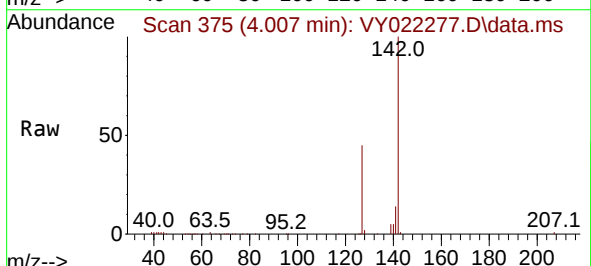
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

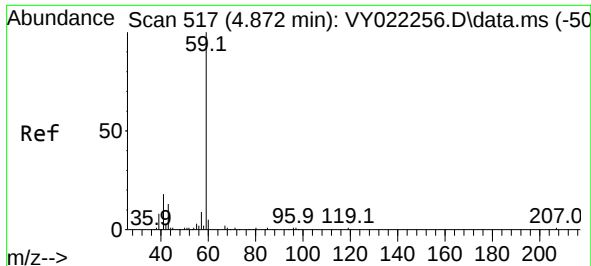
Tgt Ion:101 Resp: 121276
Ion Ratio Lower Upper
101 100
85 48.6 38.6 58.0
151 74.2 59.7 89.5



#10
Methyl Iodide
Concen: 56.117 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion:142 Resp: 149113
Ion Ratio Lower Upper
142 100
127 45.3 35.7 53.5
141 14.7 11.1 16.7

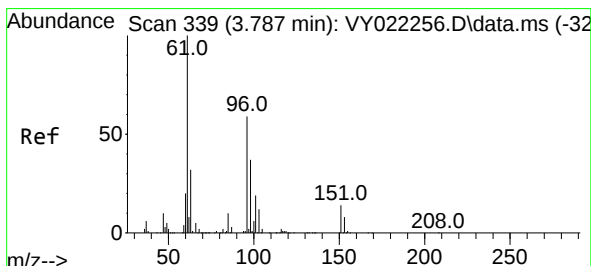
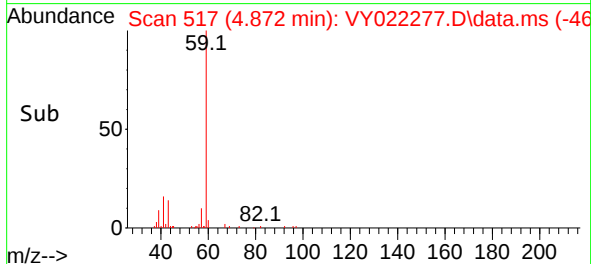
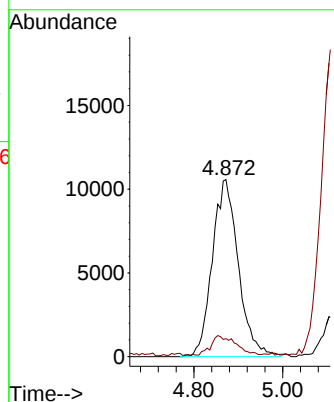
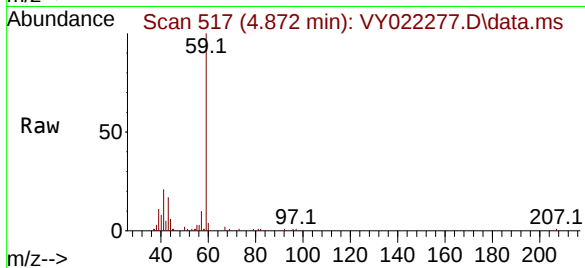




#11
Tert butyl alcohol
Concen: 241.730 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

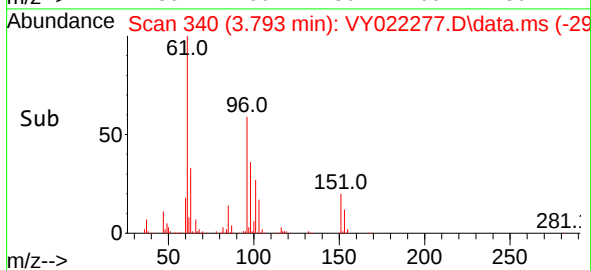
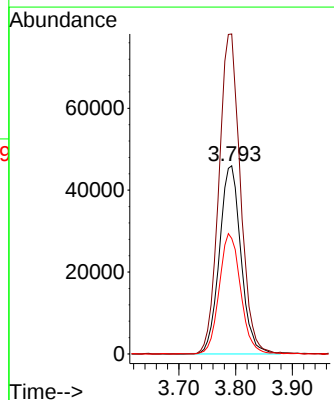
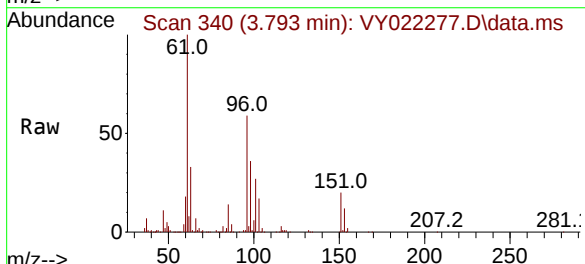
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

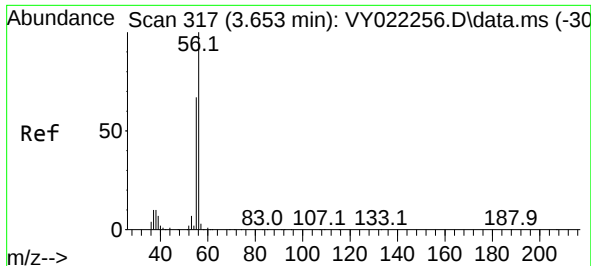
Tgt Ion: 59 Resp: 42970
Ion Ratio Lower Upper
59 100
57 10.3 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 53.251 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 96 Resp: 121321
Ion Ratio Lower Upper
96 100
61 170.1 134.9 202.3
98 61.2 49.9 74.9





#13

Acrolein

Concen: 204.899 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

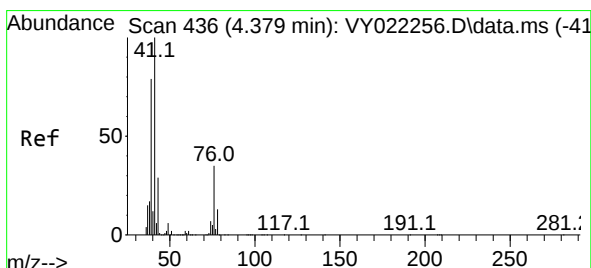
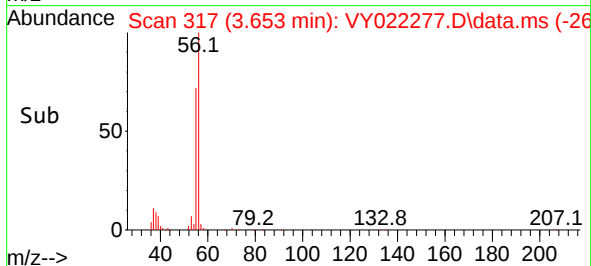
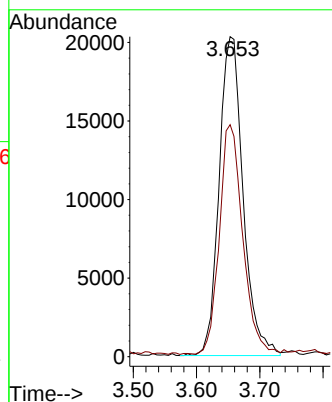
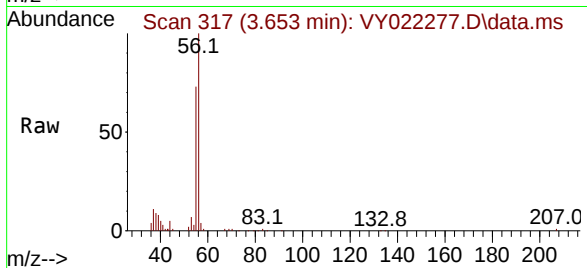
VSTDCCC050

Tgt Ion: 56 Resp: 53247

Ion Ratio Lower Upper

56 100

55 70.0 55.6 83.4



#14

Allyl chloride

Concen: 51.302 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

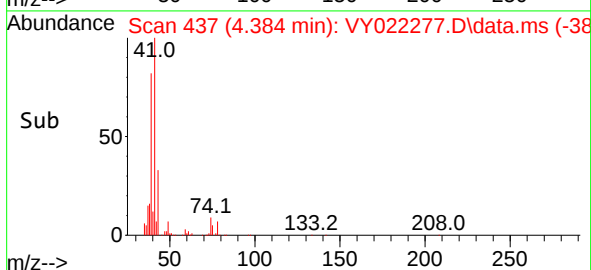
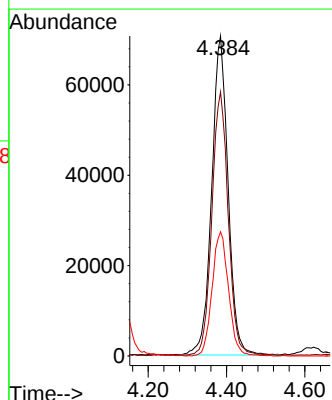
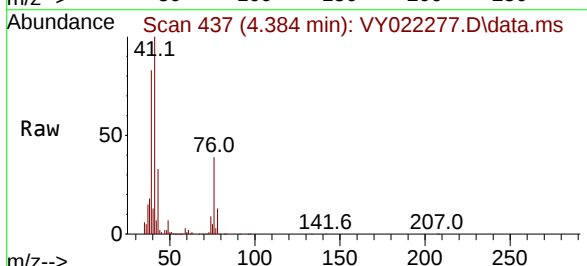
Tgt Ion: 41 Resp: 204941

Ion Ratio Lower Upper

41 100

39 82.4 63.4 95.0

76 39.0 29.5 44.3

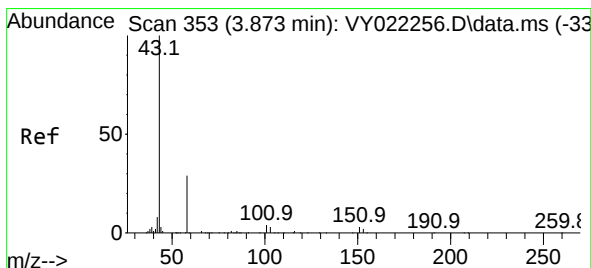
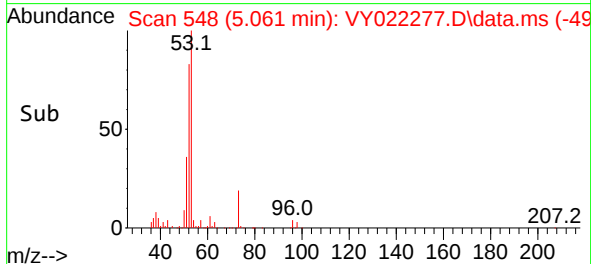
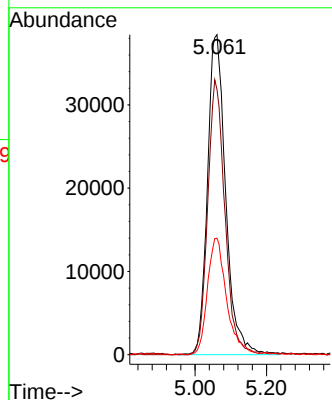
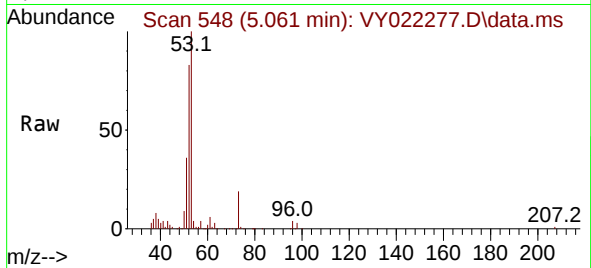




#15
Acrylonitrile
Concen: 259.711 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

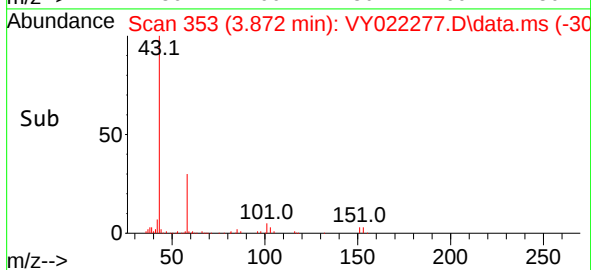
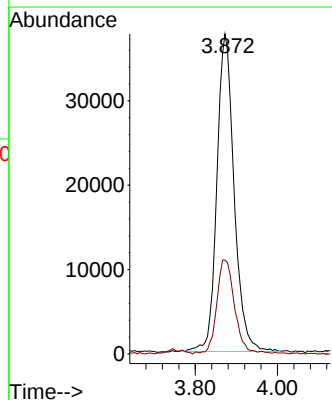
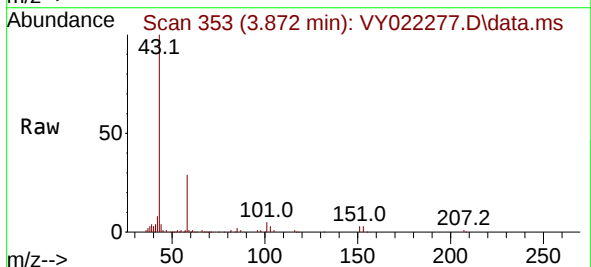
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

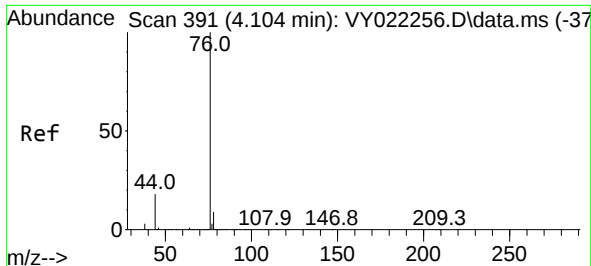
Tgt Ion: 53 Resp: 135814
Ion Ratio Lower Upper
53 100
52 80.9 66.1 99.1
51 38.2 30.0 45.0



#16
Acetone
Concen: 250.886 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 43 Resp: 109507
Ion Ratio Lower Upper
43 100
58 29.3 23.6 35.4

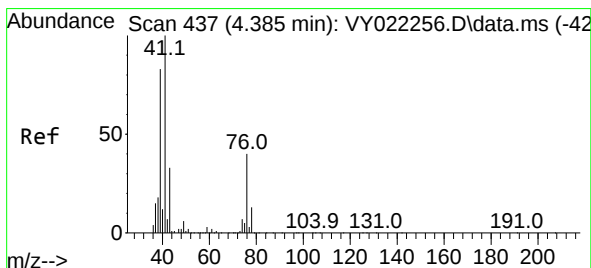
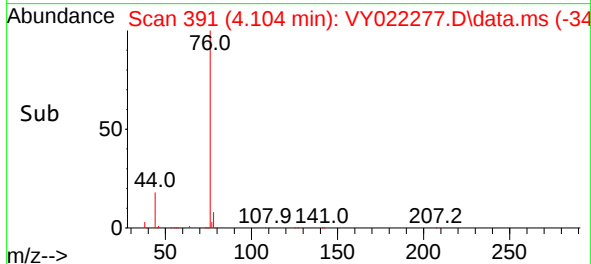
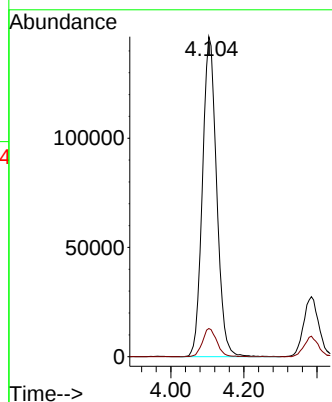
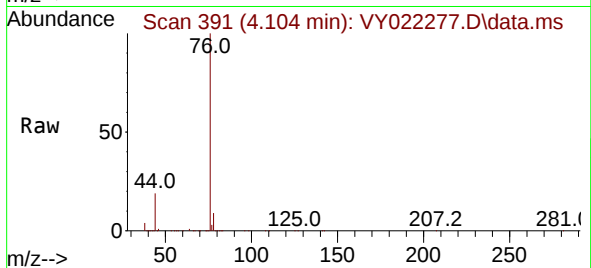




#17
Carbon Disulfide
Concen: 53.042 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

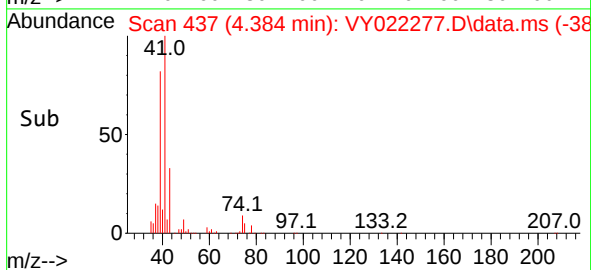
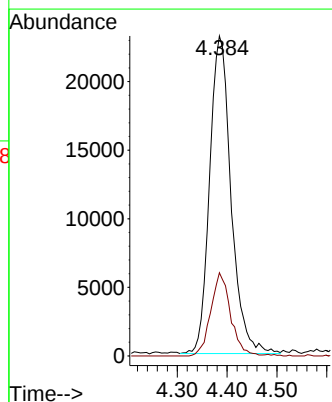
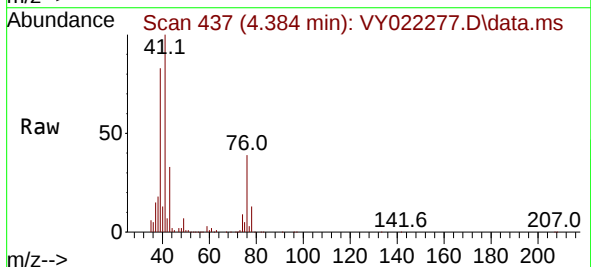
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

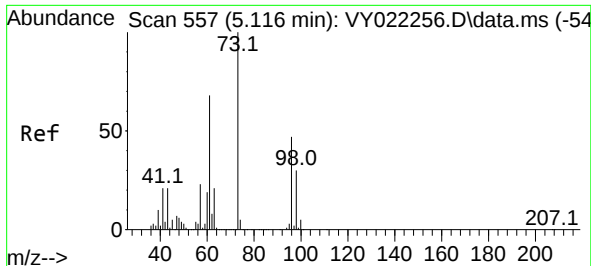
Tgt Ion: 76 Resp: 394070
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 50.215 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 43 Resp: 69106
Ion Ratio Lower Upper
43 100
74 24.2 18.2 27.4

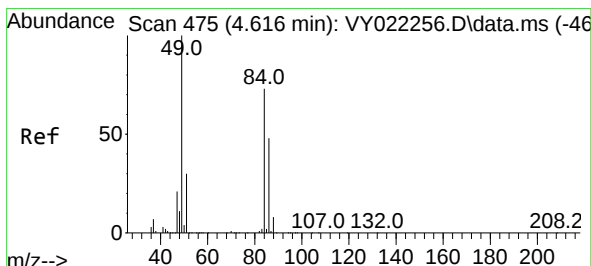
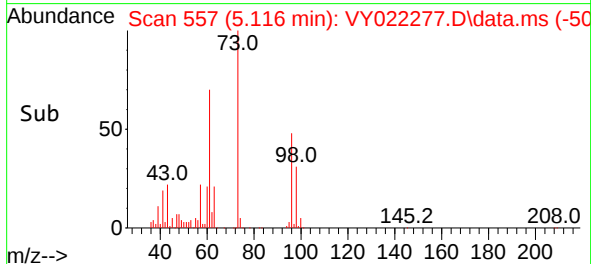
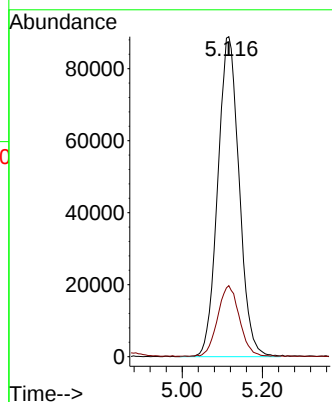
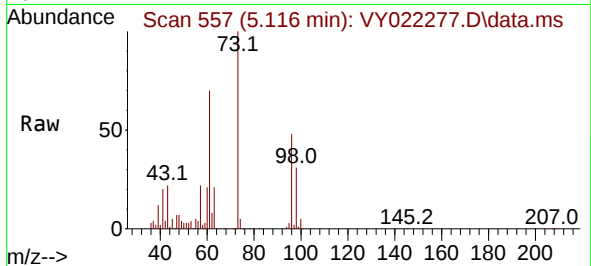




#19
Methyl tert-butyl Ether
Concen: 52.321 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

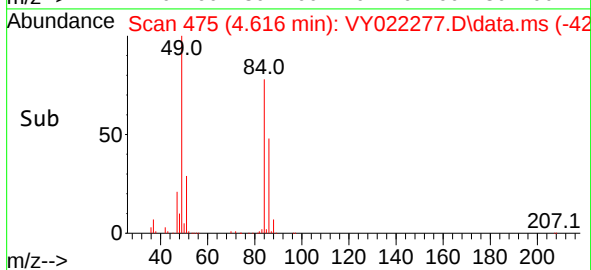
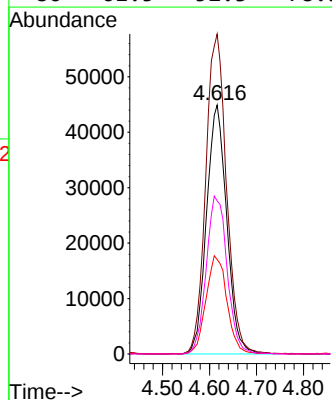
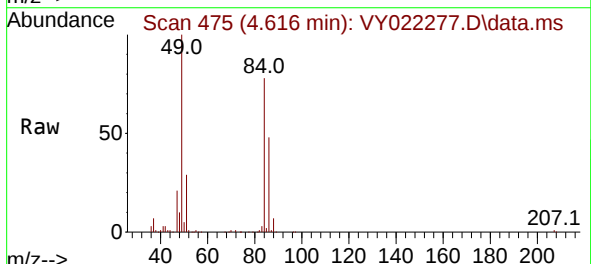
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 328680
Ion Ratio Lower Upper
73 100
57 22.1 18.6 28.0



#20
Methylene Chloride
Concen: 47.645 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 84 Resp: 134377
Ion Ratio Lower Upper
84 100
49 128.6 109.6 164.4
51 37.9 32.4 48.6
86 61.5 52.3 78.5

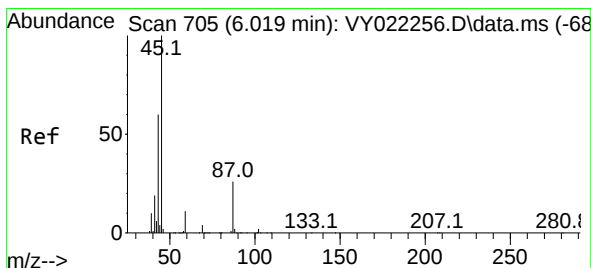
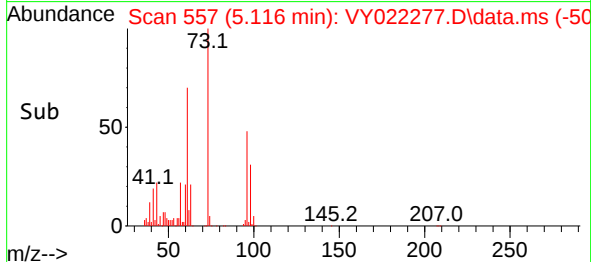
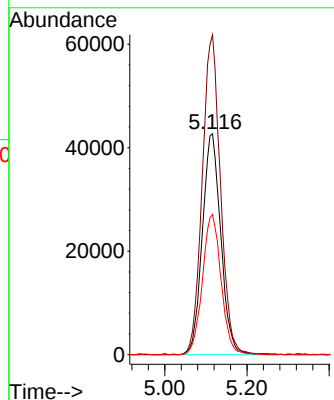
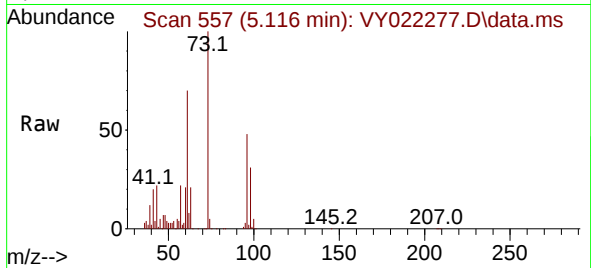




#21
trans-1,2-Dichloroethene
Concen: 52.998 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

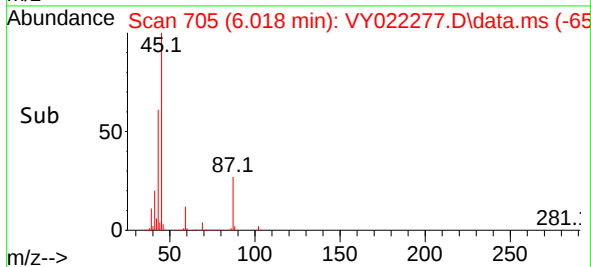
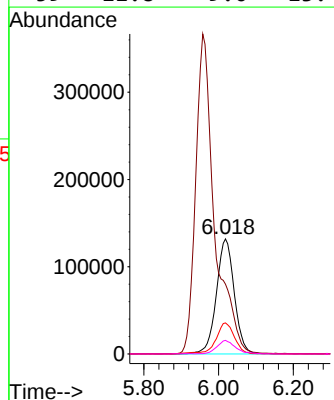
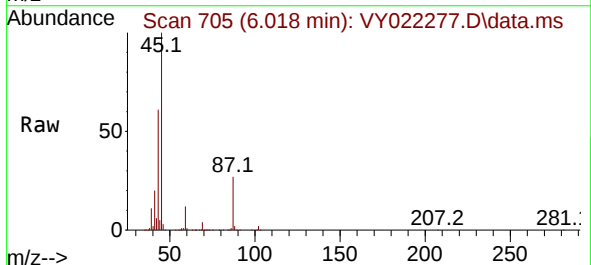
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

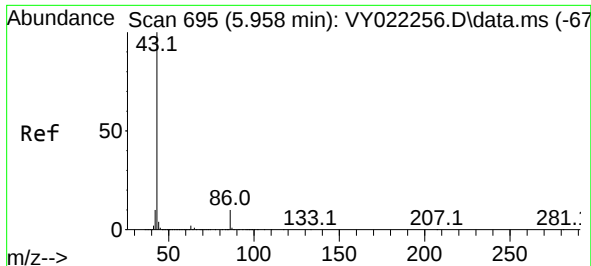
Tgt Ion: 96 Resp: 133277
Ion Ratio Lower Upper
96 100
61 144.7 113.4 170.0
98 63.5 50.9 76.3



#22
Diisopropyl ether
Concen: 51.810 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 45 Resp: 437077
Ion Ratio Lower Upper
45 100
43 60.3 48.2 72.2
87 27.0 21.4 32.0
59 11.8 9.0 13.4

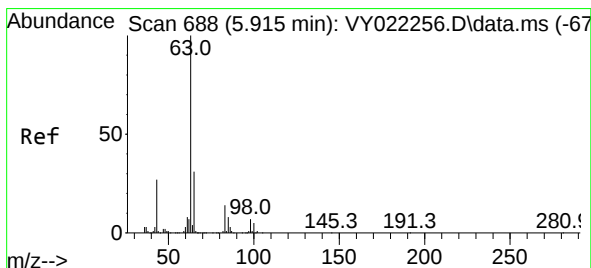
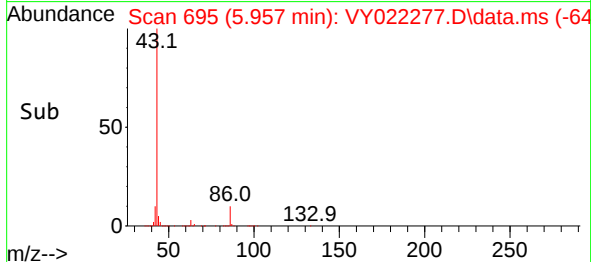
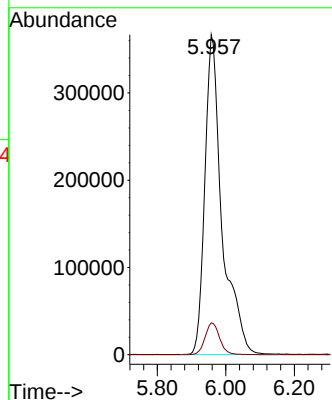
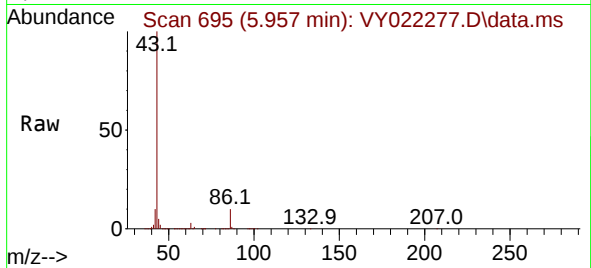




#23
 Vinyl Acetate
 Concen: 251.128 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022277.D
 Acq: 16 May 2025 08:24

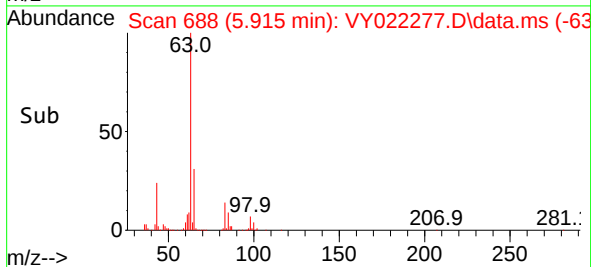
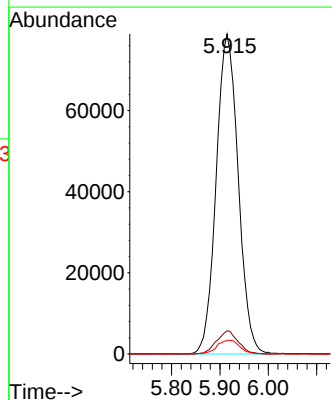
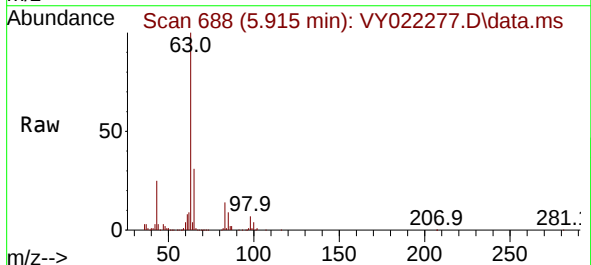
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

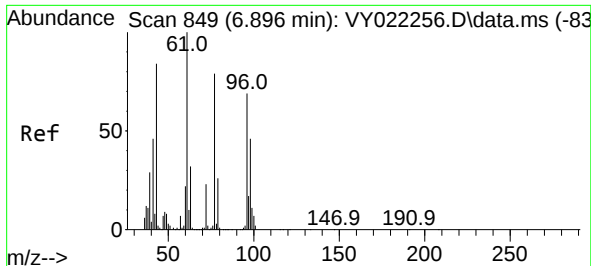
Tgt Ion: 43 Resp: 1279898
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.970 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022277.D
 Acq: 16 May 2025 08:24

Tgt Ion: 63 Resp: 249652
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 242.624 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

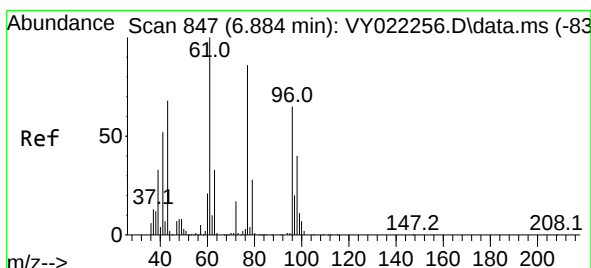
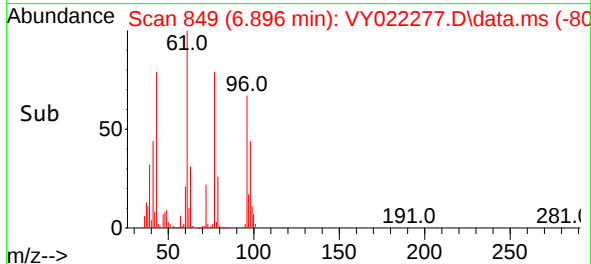
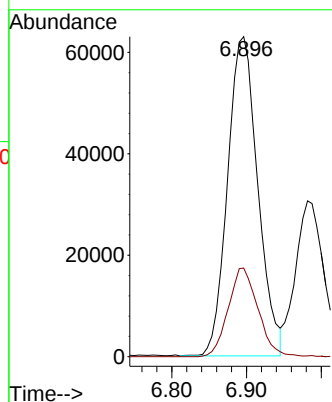
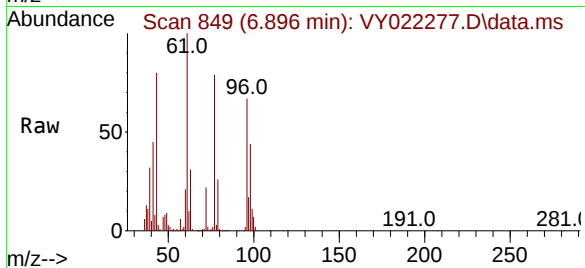
VSTDCCC050

Tgt Ion: 43 Resp: 177141

Ion Ratio Lower Upper

43 100

72 27.8 22.1 33.1



#26

2,2-Dichloropropane

Concen: 54.384 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022277.D

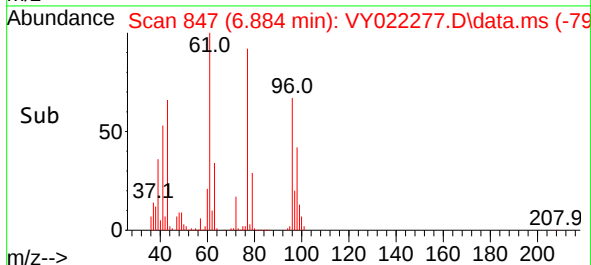
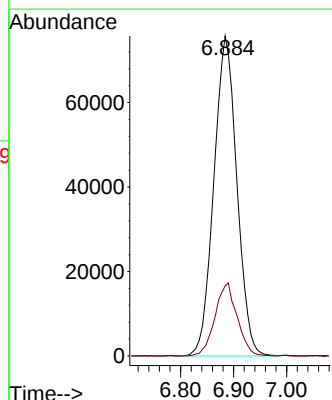
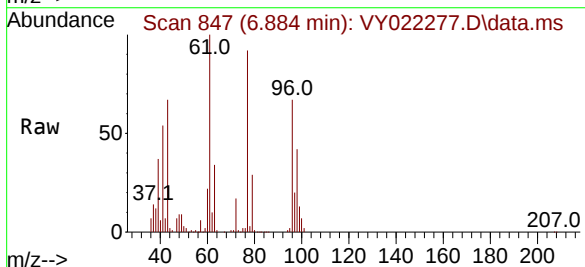
Acq: 16 May 2025 08:24

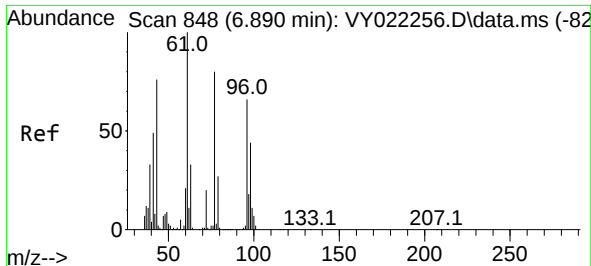
Tgt Ion: 77 Resp: 227980

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 54.093 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

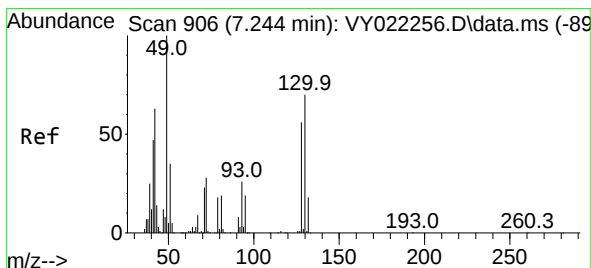
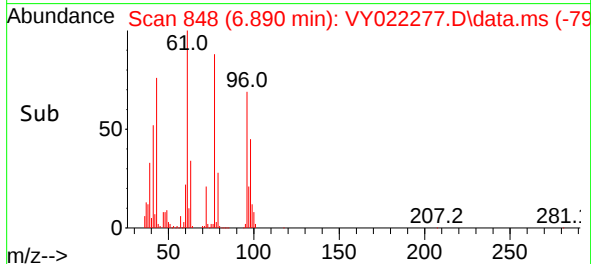
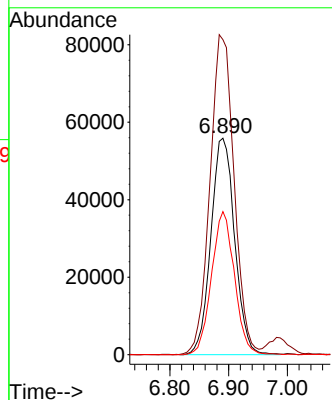
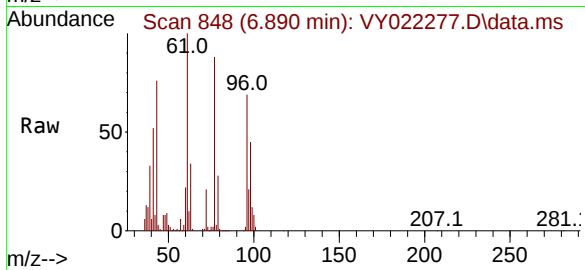
Tgt Ion: 96 Resp: 156977

Ion Ratio Lower Upper

96 100

61 149.9 0.0 302.6

98 63.9 0.0 128.8



#28

Bromochloromethane

Concen: 51.625 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

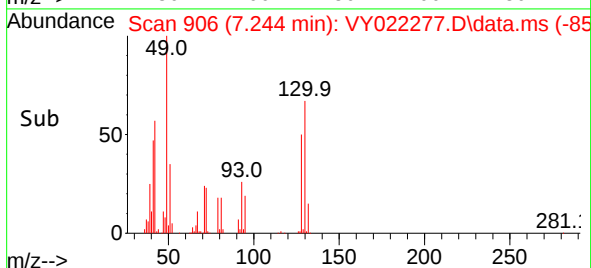
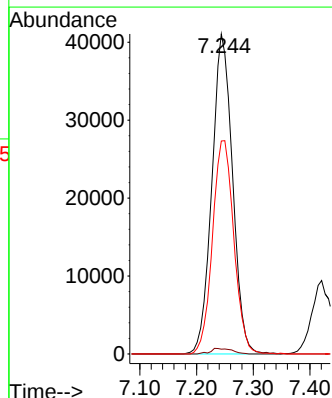
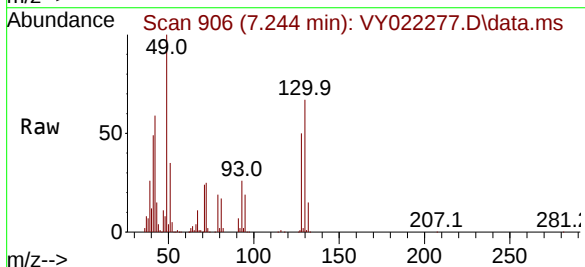
Tgt Ion: 49 Resp: 103785

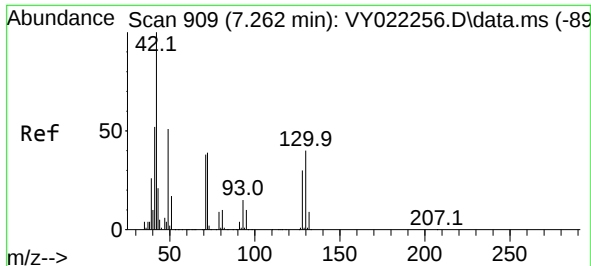
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 69.0 54.7 82.1





#29

Tetrahydrofuran

Concen: 246.422 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

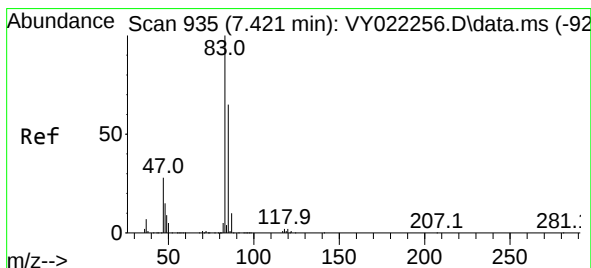
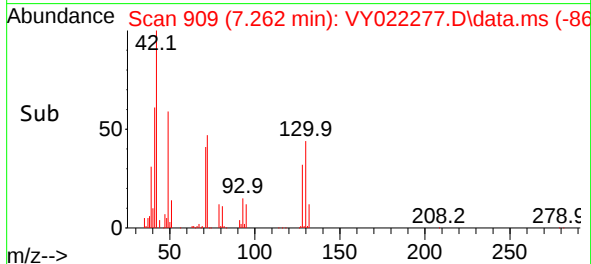
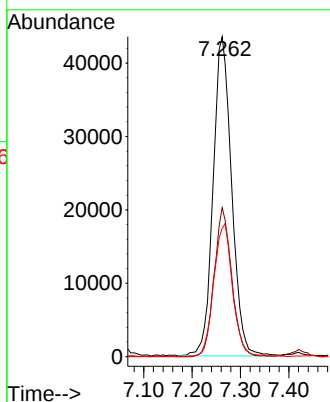
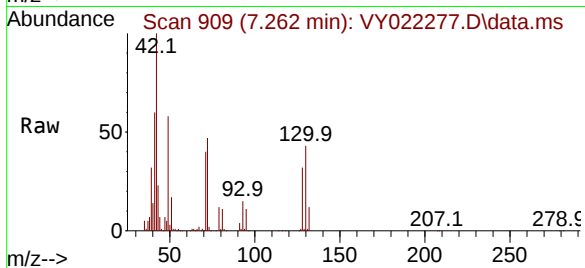
Tgt Ion: 42 Resp: 115748

Ion Ratio Lower Upper

42 100

72 44.3 33.8 50.6

71 42.3 31.5 47.3



#30

Chloroform

Concen: 54.713 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022277.D

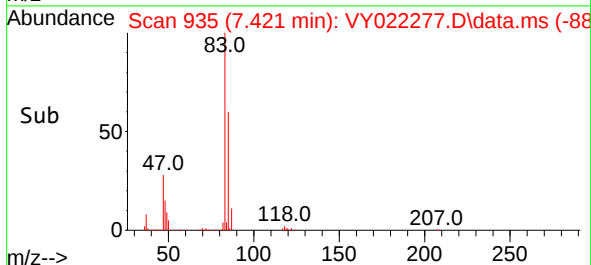
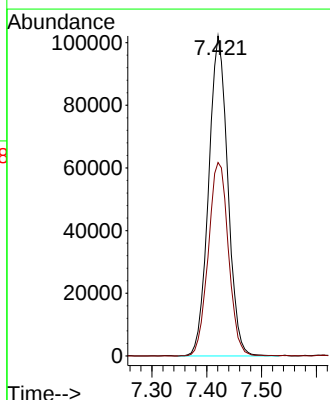
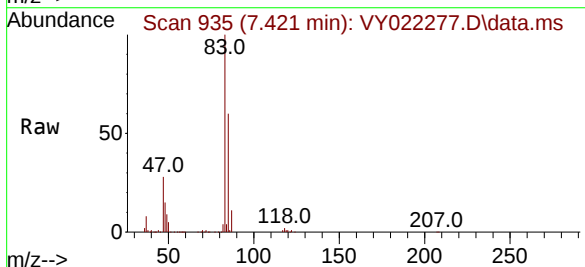
Acq: 16 May 2025 08:24

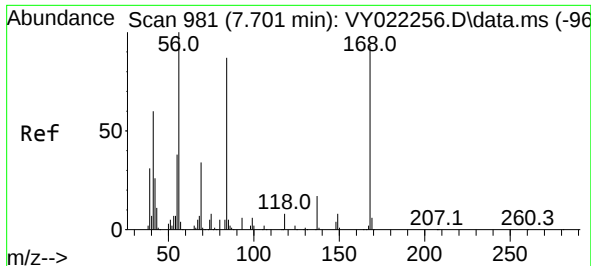
Tgt Ion: 83 Resp: 247345

Ion Ratio Lower Upper

83 100

85 60.5 51.8 77.8

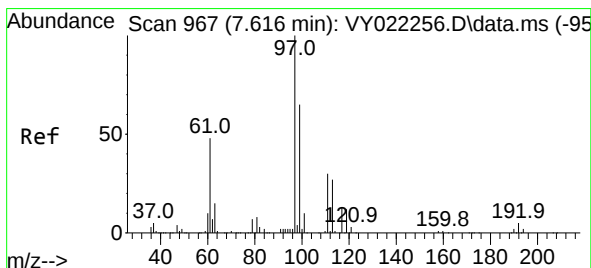
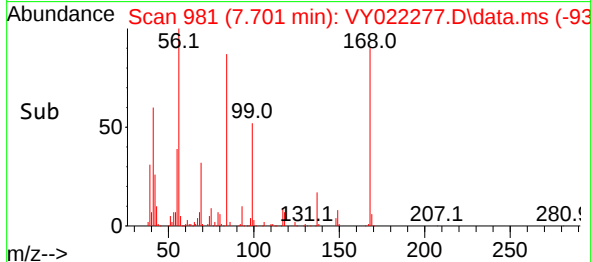
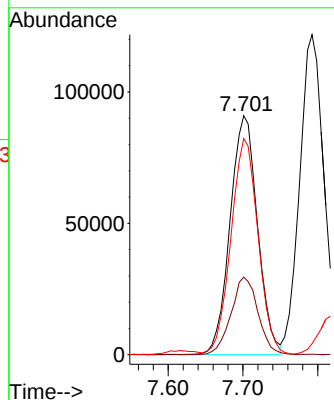
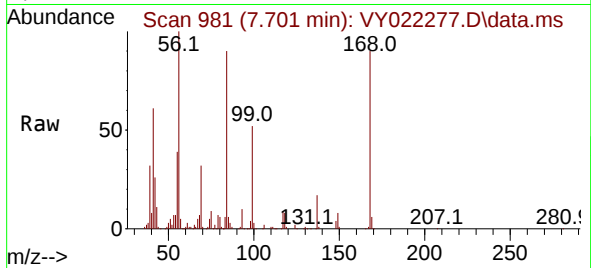




#31
Cyclohexane
Concen: 49.457 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

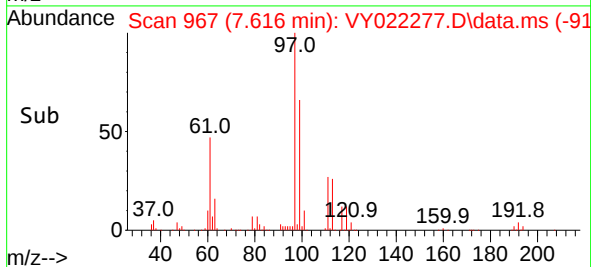
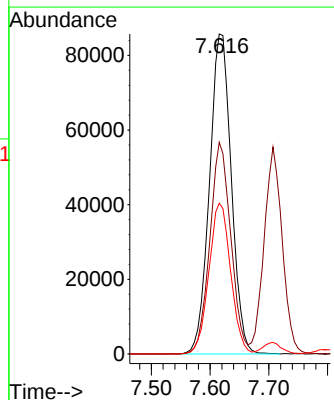
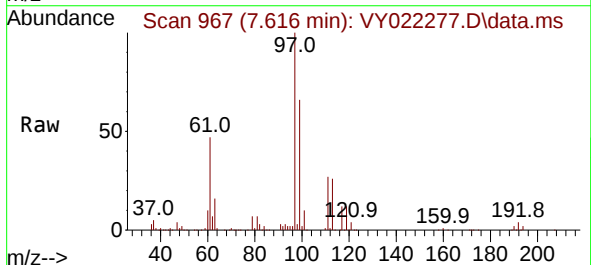
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

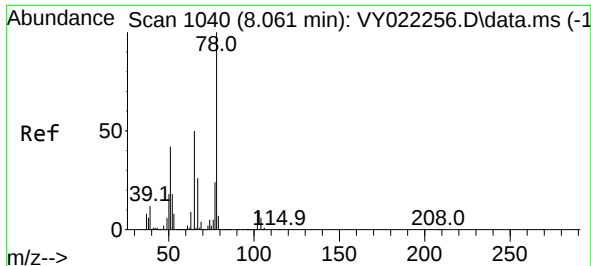
Tgt Ion: 56 Resp: 232896
Ion Ratio Lower Upper
56 100
69 32.4 27.4 41.2
84 88.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 53.304 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 97 Resp: 221082
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 47.0 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 50.505 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

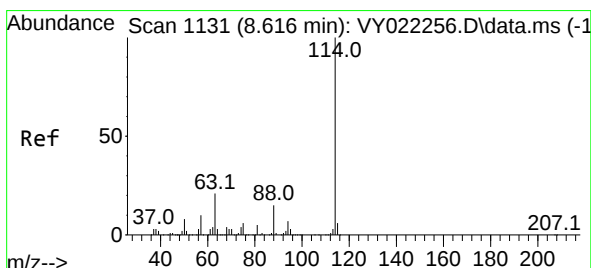
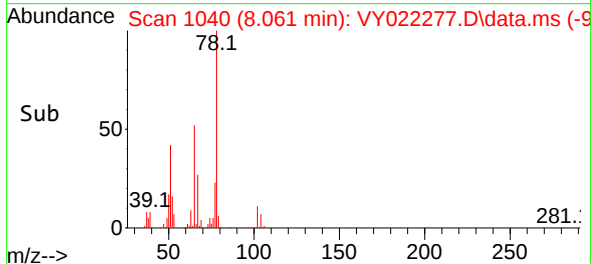
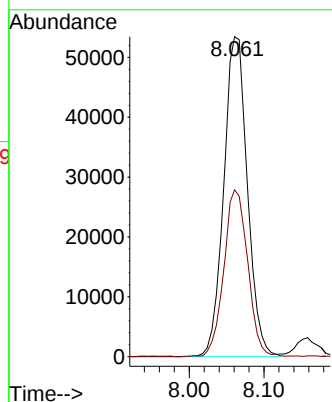
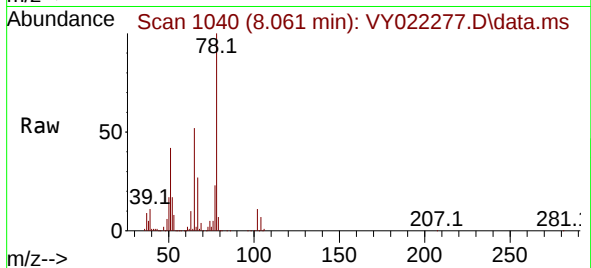
VSTDCCC050

Tgt Ion: 65 Resp: 117567

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

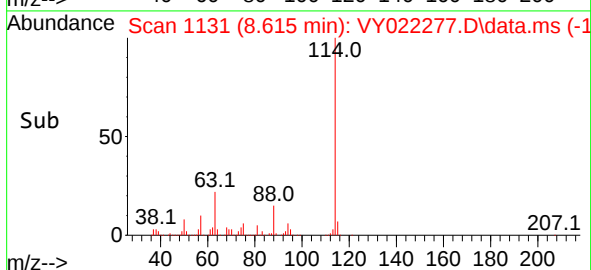
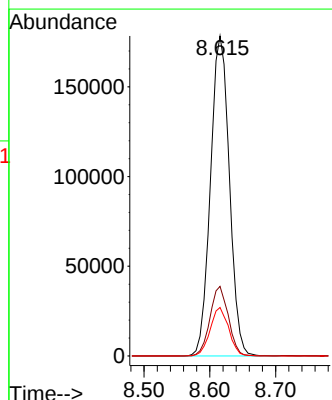
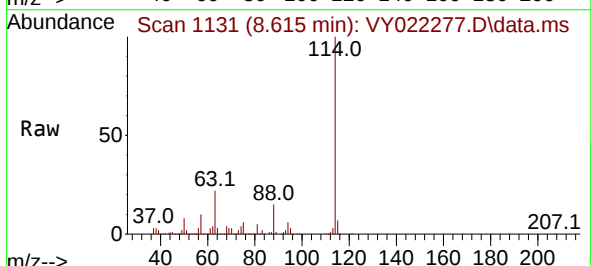
Tgt Ion: 114 Resp: 356583

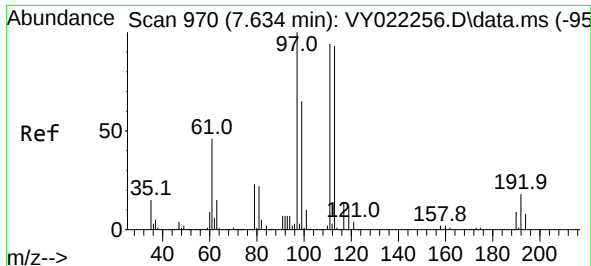
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.0

88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.525 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

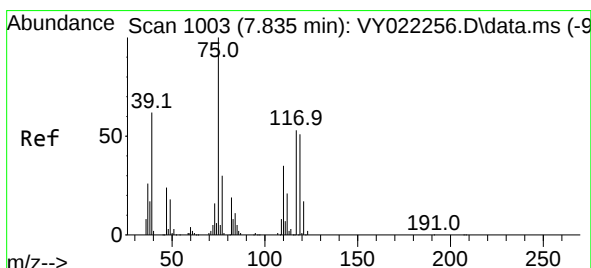
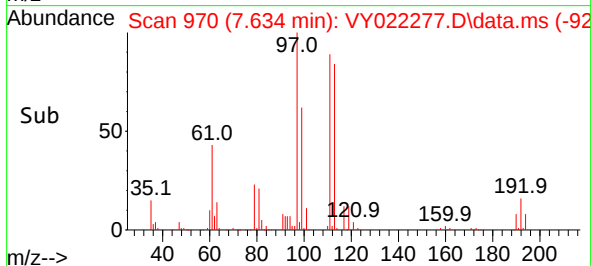
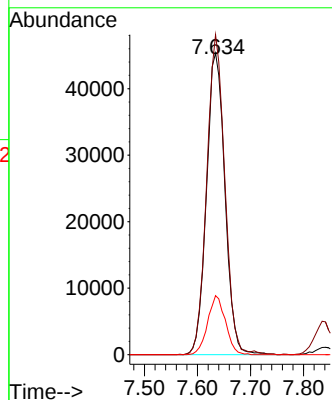
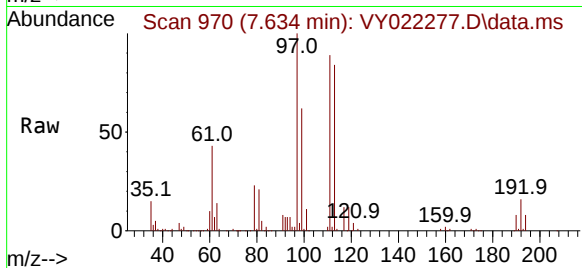
Tgt Ion:113 Resp: 109661

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 52.341 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

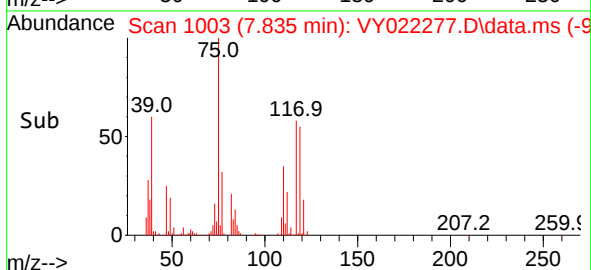
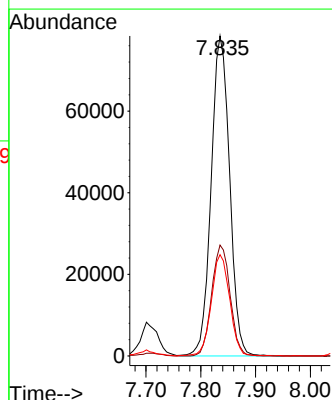
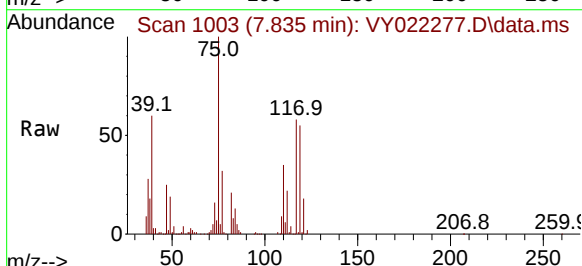
Tgt Ion: 75 Resp: 183482

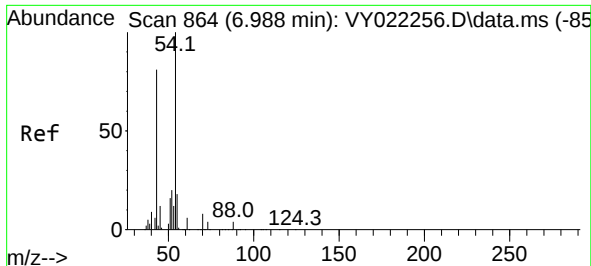
Ion Ratio Lower Upper

75 100

110 34.5 16.6 49.8

77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 48.715 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

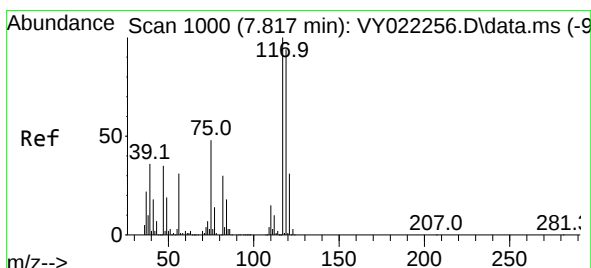
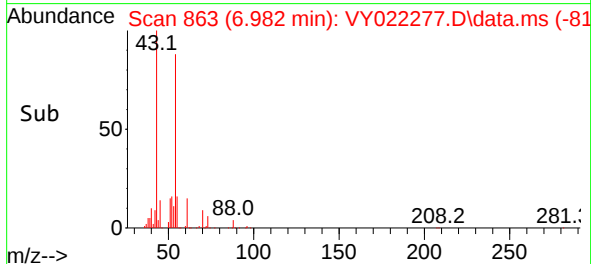
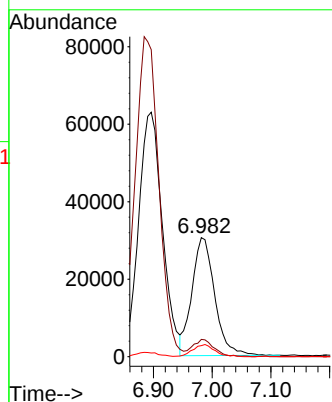
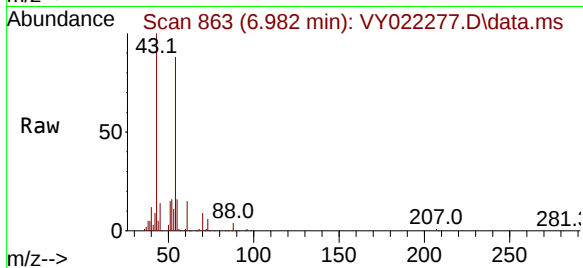
Tgt Ion: 43 Resp: 82168

Ion Ratio Lower Upper

43 100

61 14.0 10.2 15.2

70 9.9 7.6 11.4



#38

Carbon Tetrachloride

Concen: 52.737 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

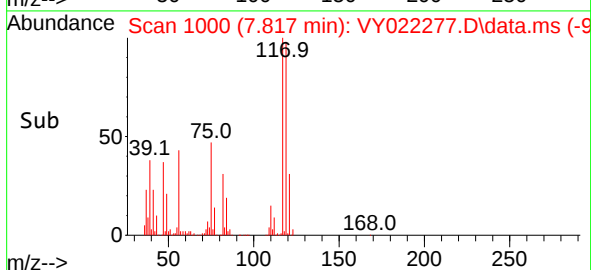
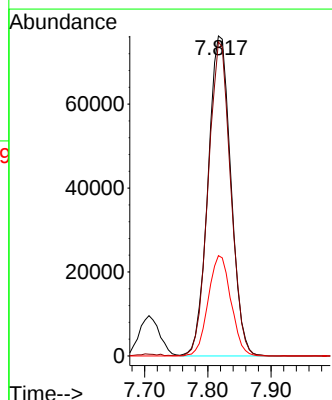
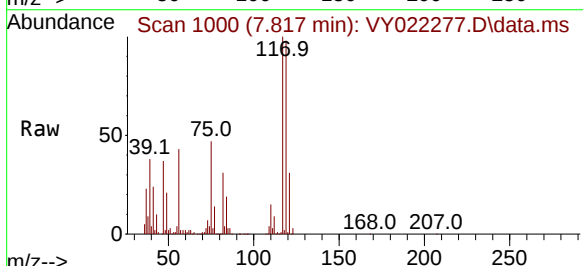
Tgt Ion: 117 Resp: 191365

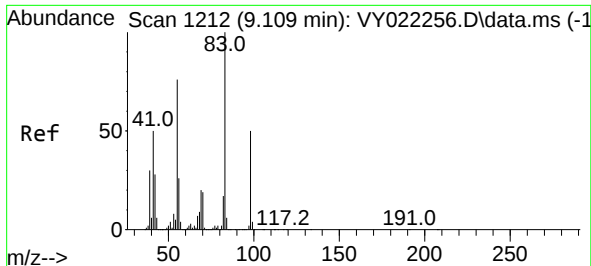
Ion Ratio Lower Upper

117 100

119 98.1 75.3 112.9

121 31.4 24.7 37.1





#39

Methylcyclohexane

Concen: 51.496 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

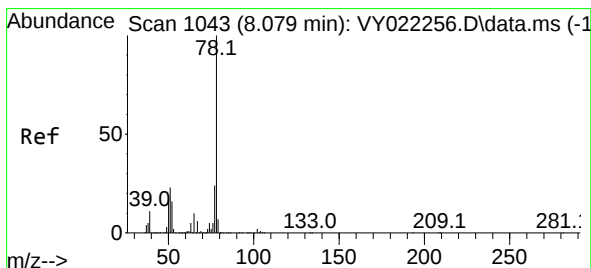
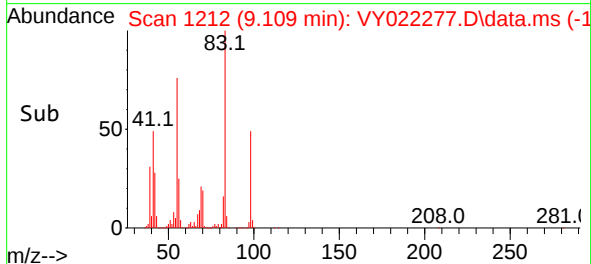
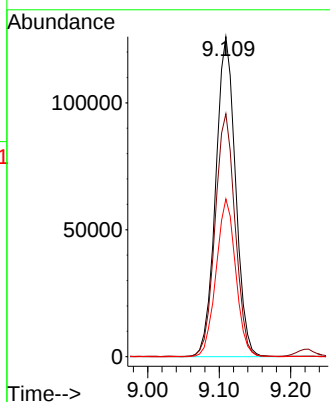
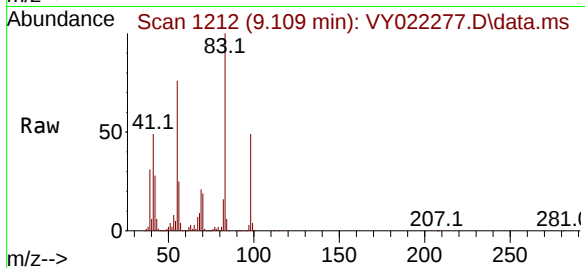
Tgt Ion: 83 Resp: 242532

Ion Ratio Lower Upper

83 100

55 75.8 60.6 90.8

98 49.3 40.0 60.0



#40

Benzene

Concen: 53.771 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022277.D

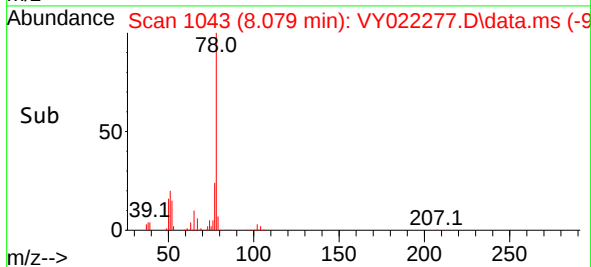
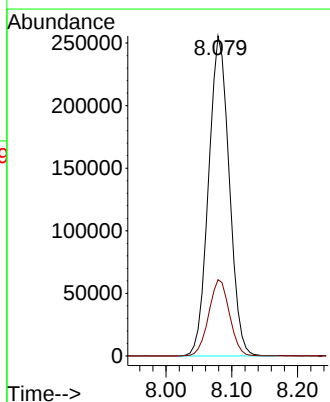
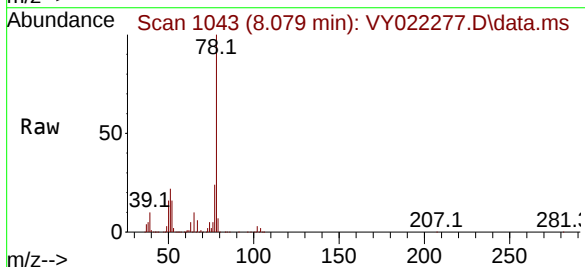
Acq: 16 May 2025 08:24

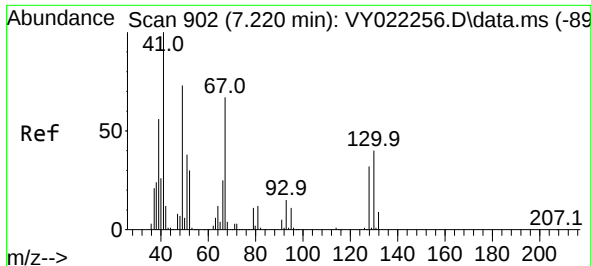
Tgt Ion: 78 Resp: 558801

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

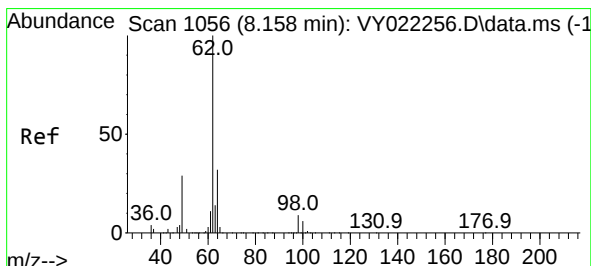
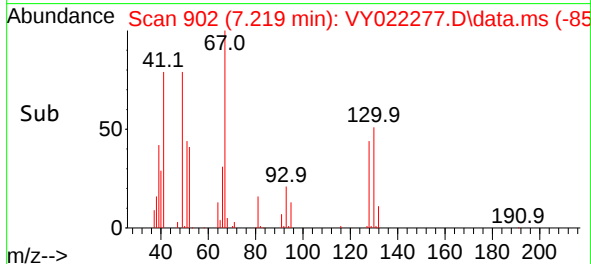
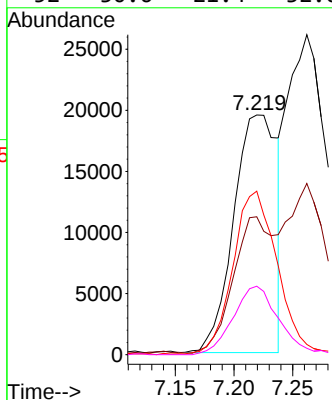
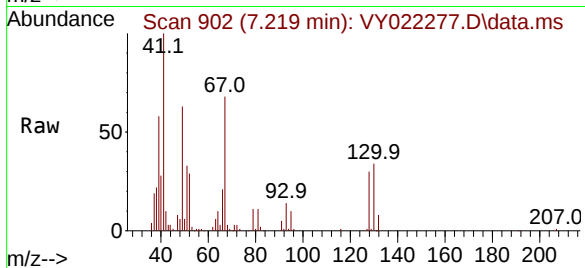




#41
Methacrylonitrile
Concen: 44.718 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

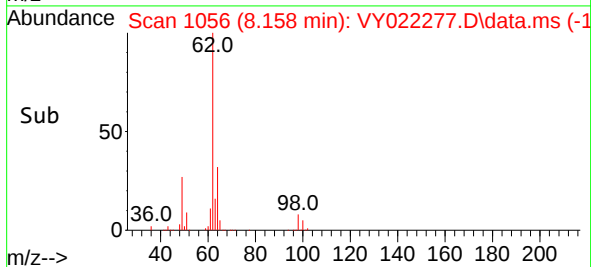
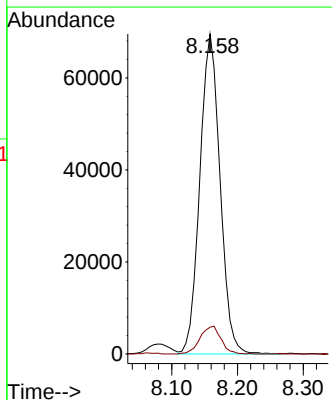
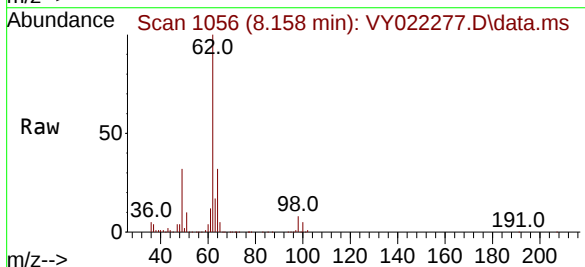
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

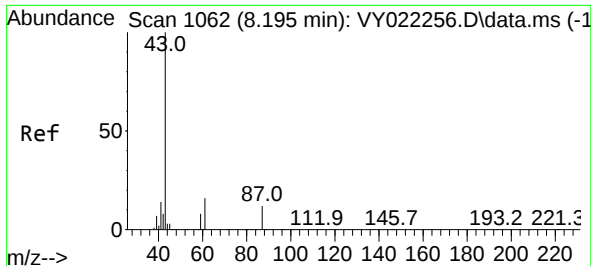
Tgt Ion:	41	Resp:	50033
Ion	Ratio	Lower	Upper
41	100		
39	48.9	39.1	58.7
67	71.1	47.1	70.7
52	30.6	21.4	32.0



#42
1,2-Dichloroethane
Concen: 52.870 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion:	62	Resp:	148582
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 49.654 ug/l

RT: 8.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

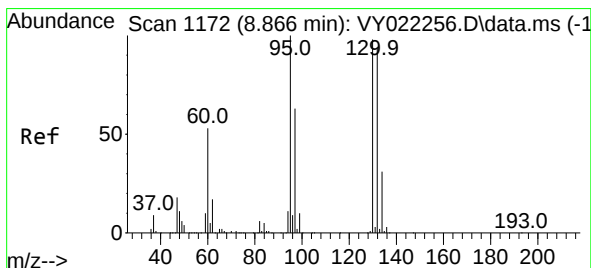
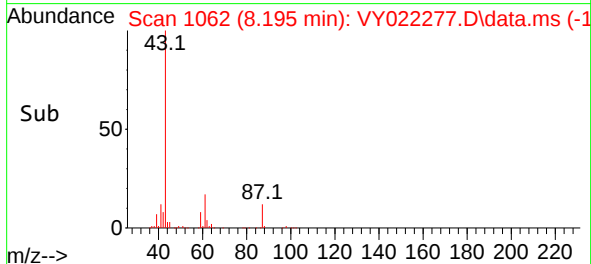
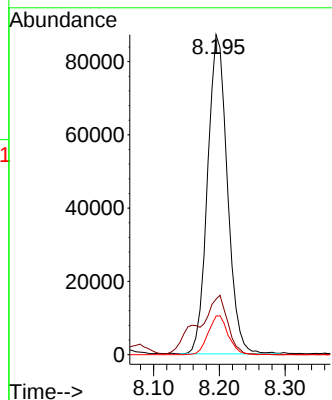
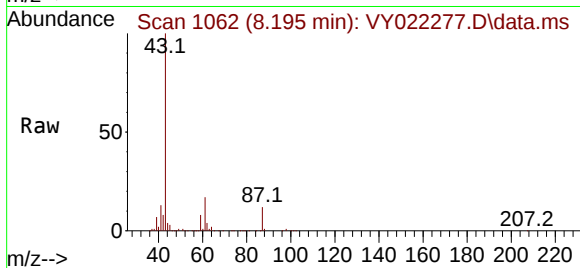
Tgt Ion: 43 Resp: 182651

Ion Ratio Lower Upper

43 100

61 27.4 15.1 22.7#

87 12.3 9.7 14.5



#44

Trichloroethene

Concen: 52.539 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022277.D

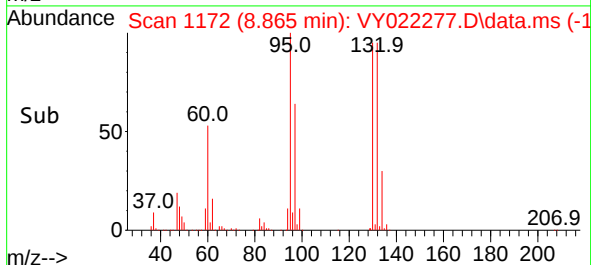
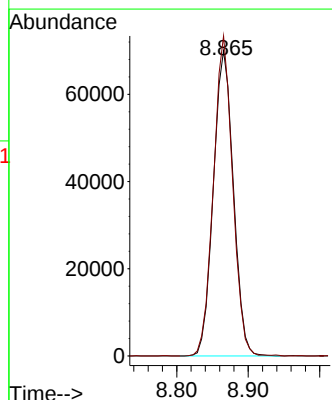
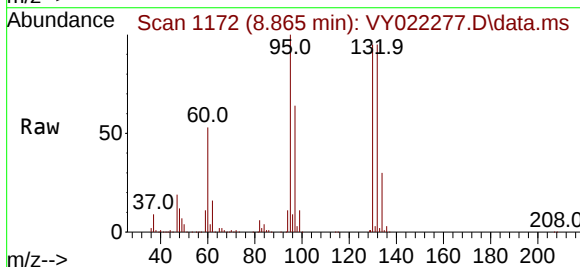
Acq: 16 May 2025 08:24

Tgt Ion:130 Resp: 135760

Ion Ratio Lower Upper

130 100

95 104.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.735 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

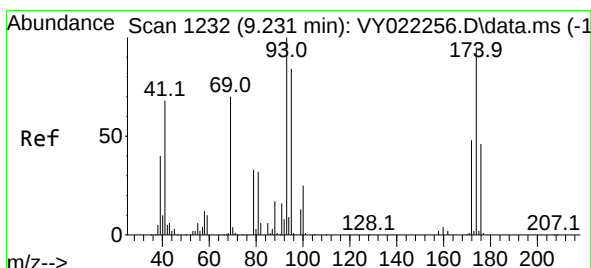
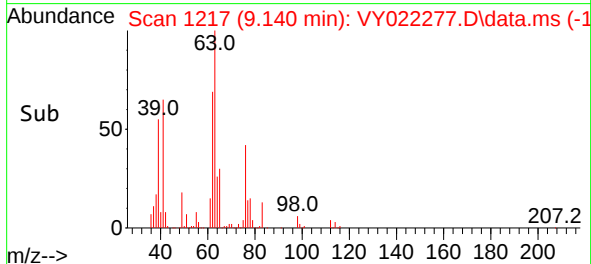
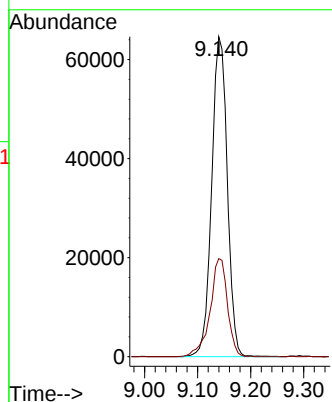
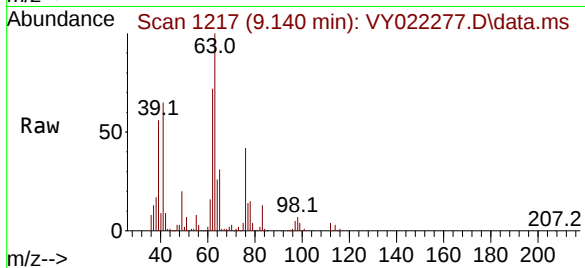
VSTDCCC050

Tgt Ion: 63 Resp: 132126

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 51.869 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

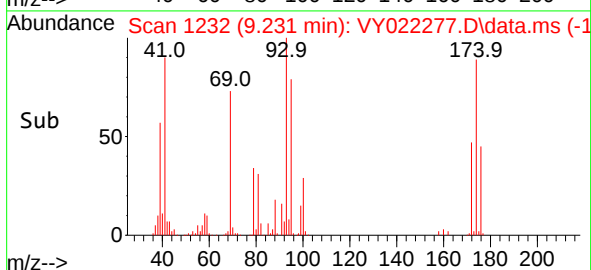
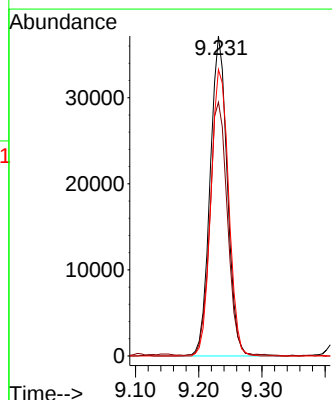
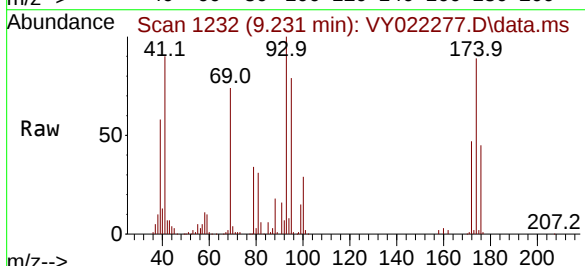
Tgt Ion: 93 Resp: 70093

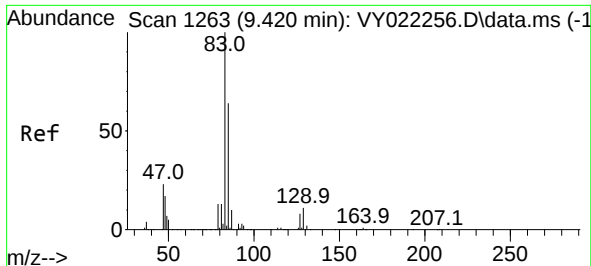
Ion Ratio Lower Upper

93 100

95 82.2 65.2 97.8

174 92.2 74.3 111.5





#47

Bromodichloromethane

Concen: 54.169 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

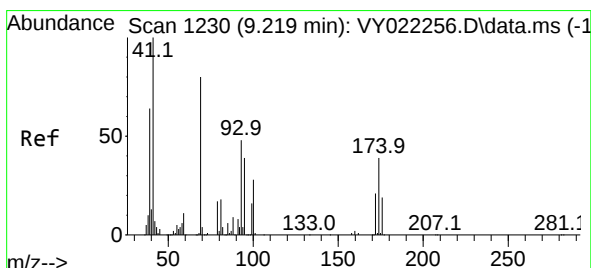
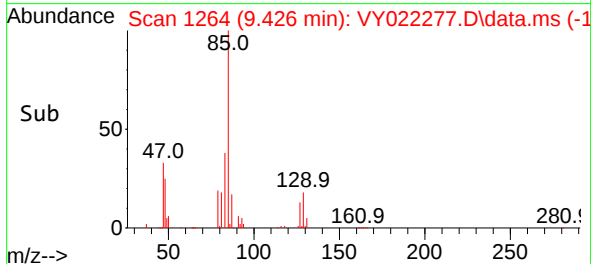
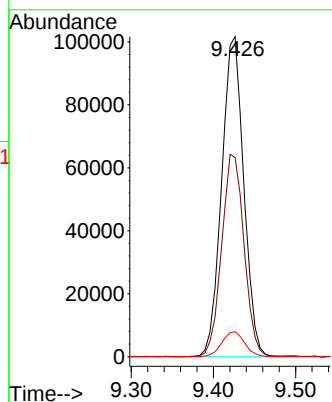
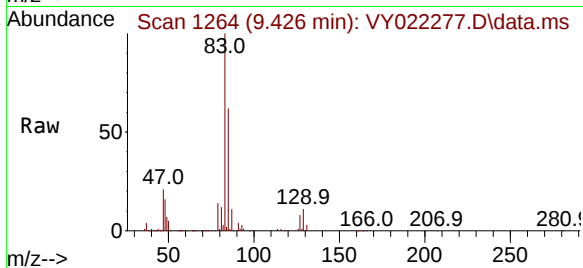
Tgt Ion: 83 Resp: 189903

Ion Ratio Lower Upper

83 100

85 62.2 51.1 76.7

127 7.8 6.6 10.0



#48

Methyl methacrylate

Concen: 49.534 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

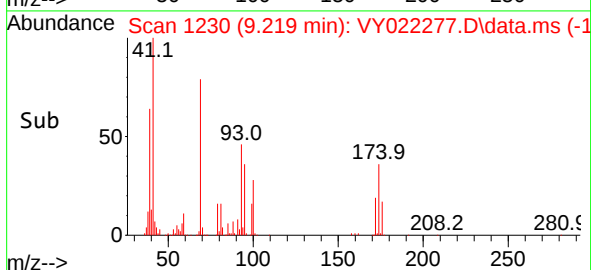
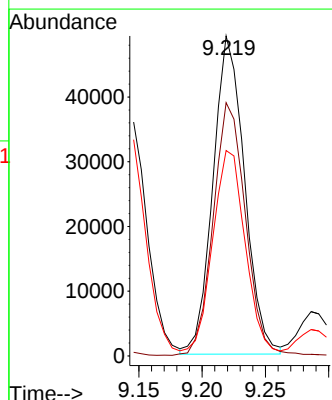
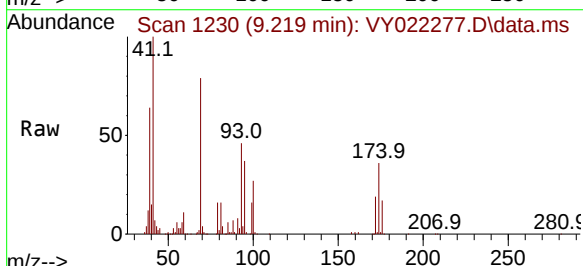
Tgt Ion: 41 Resp: 85212

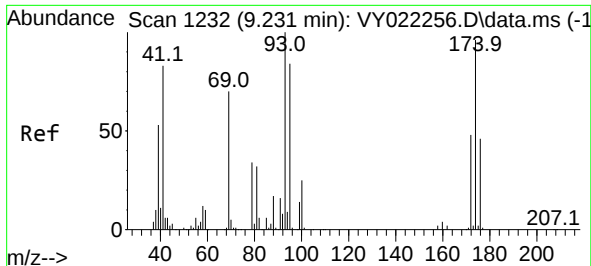
Ion Ratio Lower Upper

41 100

69 81.3 63.5 95.3

39 64.2 50.8 76.2

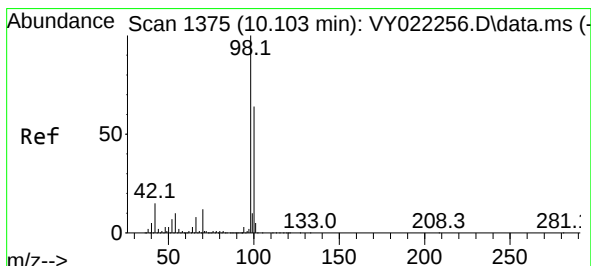
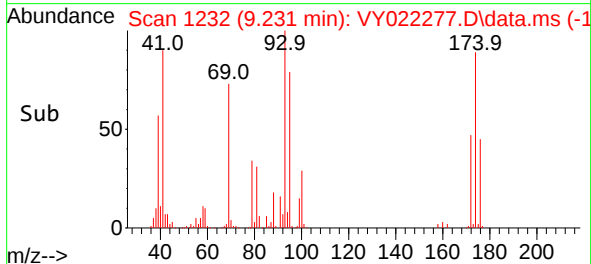
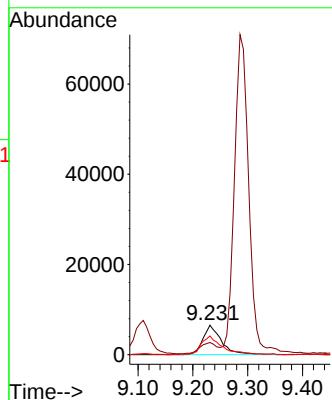
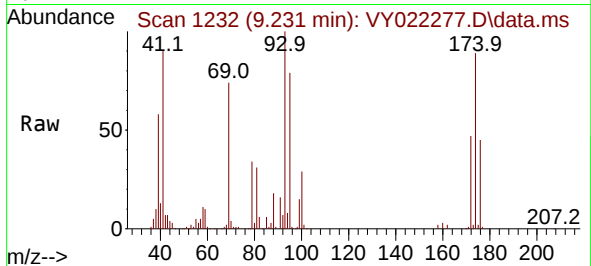




#49
1,4-Dioxane
Concen: 1001.752 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

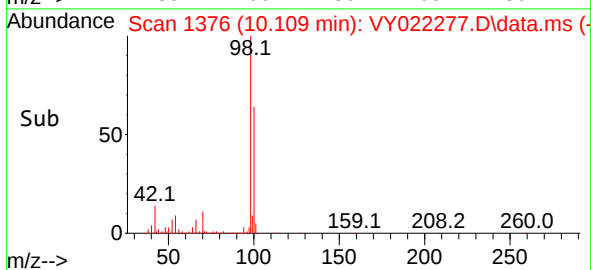
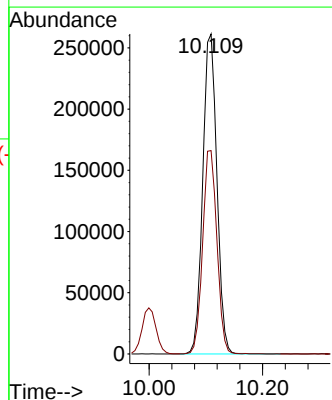
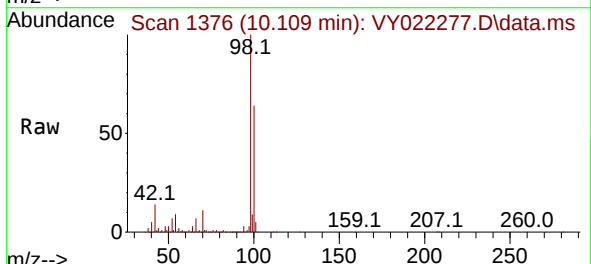
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

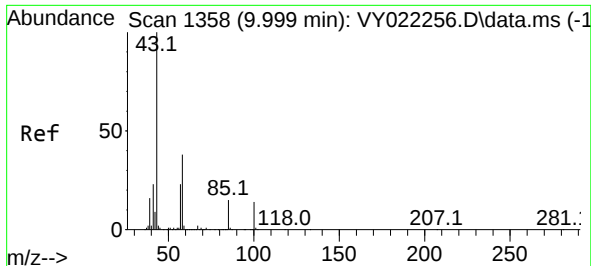
Tgt Ion: 88 Resp: 15293
Ion Ratio Lower Upper
88 100
43 35.1 28.5 42.7
58 71.0 61.4 92.2



#50
Toluene-d8
Concen: 51.731 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 98 Resp: 450916
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8

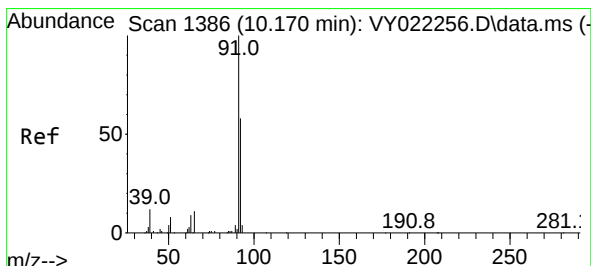
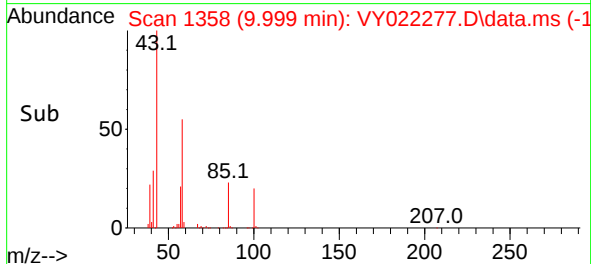
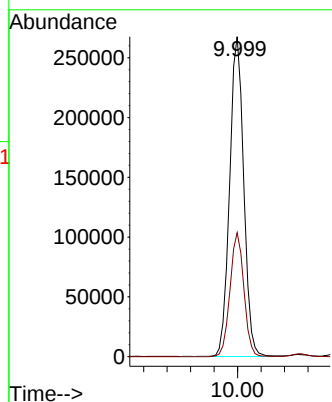
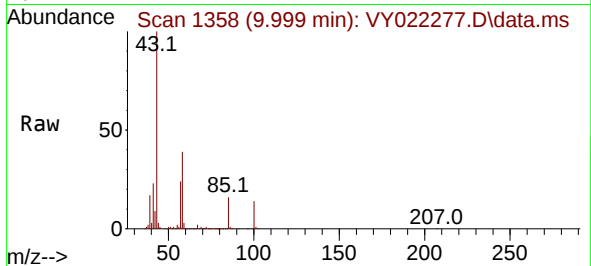




#51
4-Methyl-2-Pentanone
Concen: 247.383 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

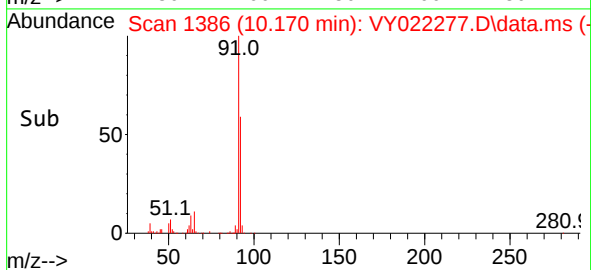
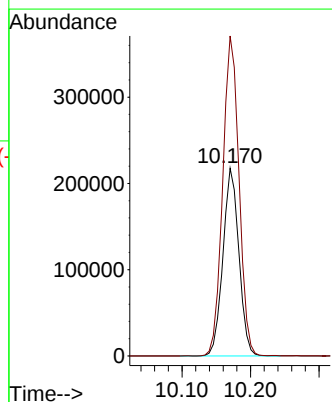
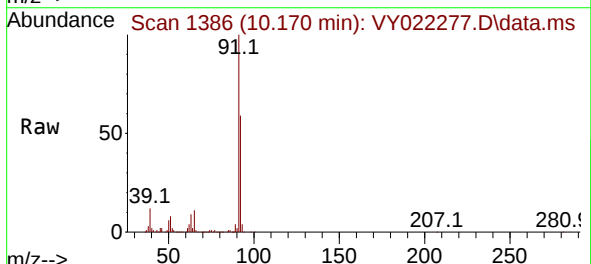
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

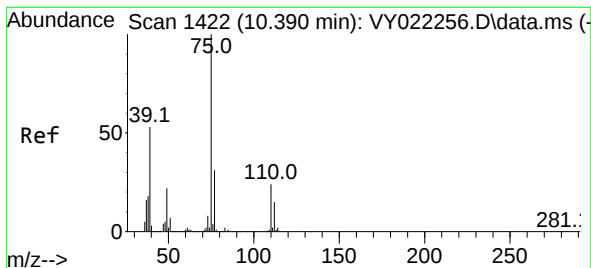
Tgt Ion: 43 Resp: 446509
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.2



#52
Toluene
Concen: 53.192 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 92 Resp: 350043
Ion Ratio Lower Upper
92 100
91 174.3 139.1 208.7

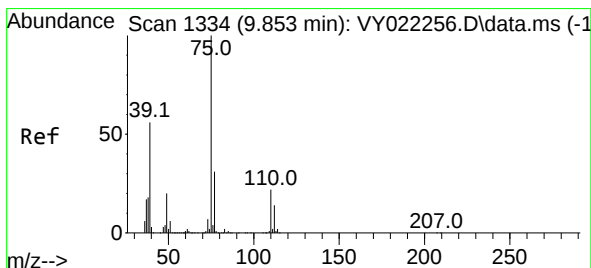
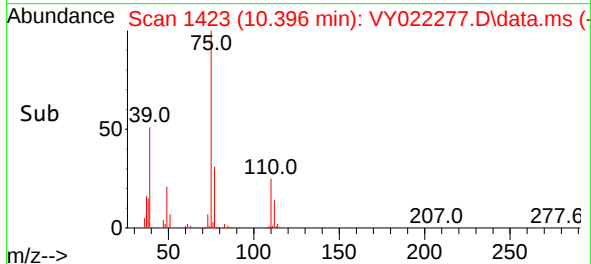
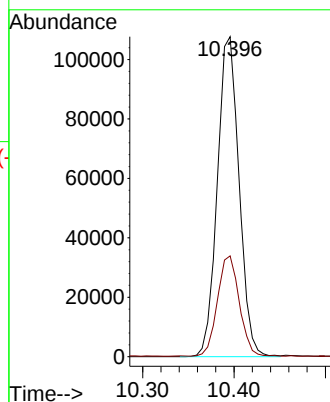
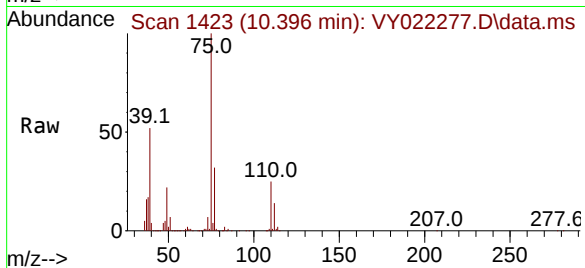




#53
t-1,3-Dichloropropene
Concen: 52.062 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

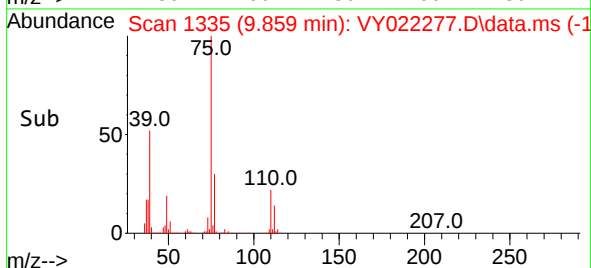
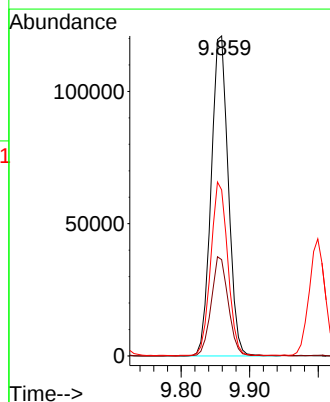
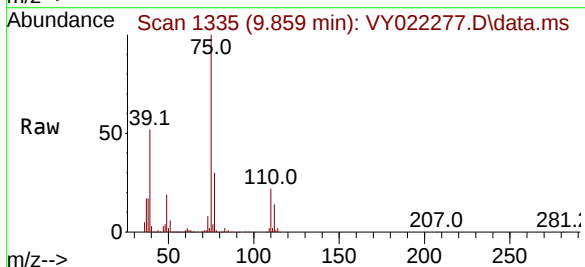
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

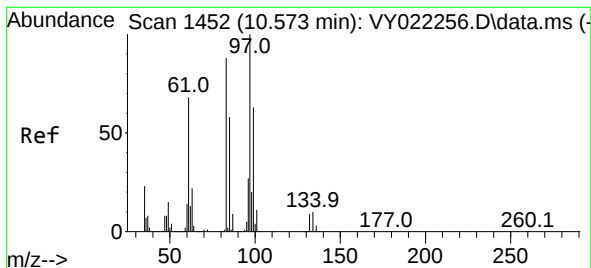
Tgt Ion: 75 Resp: 178121
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.441 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 75 Resp: 209477
Ion Ratio Lower Upper
75 100
77 30.1 25.1 37.7
39 51.7 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 52.364 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 90613

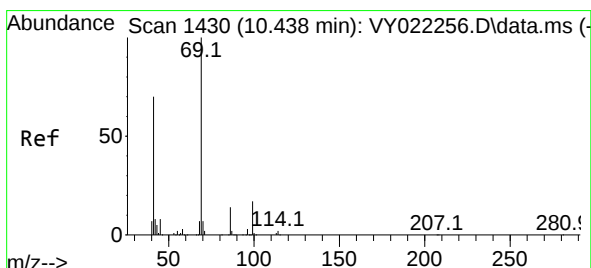
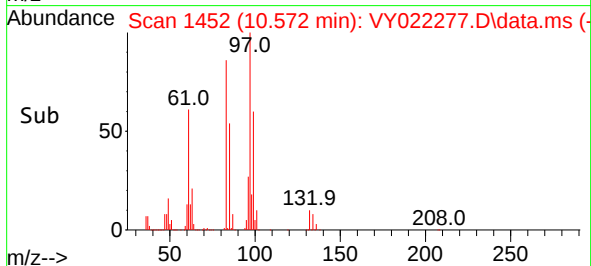
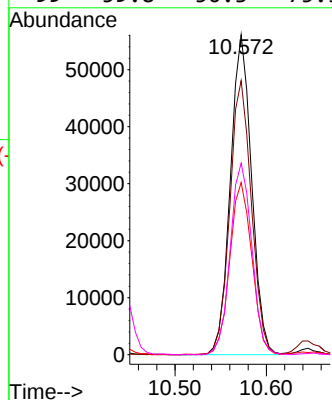
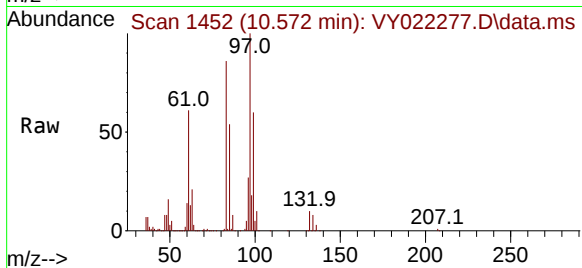
Ion Ratio Lower Upper

97 100

83 85.7 70.3 105.5

85 53.8 46.2 69.4

99 59.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.626 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

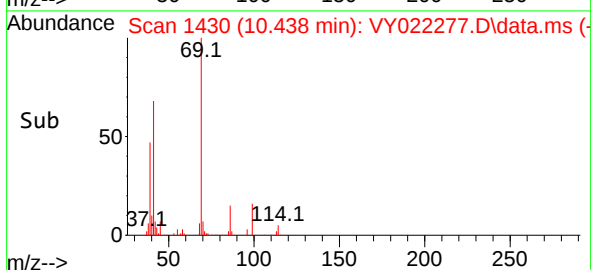
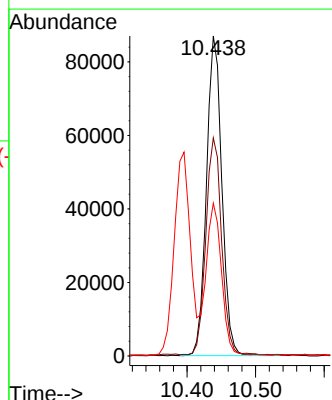
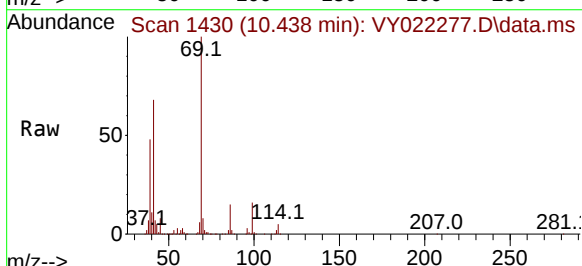
Tgt Ion: 69 Resp: 136463

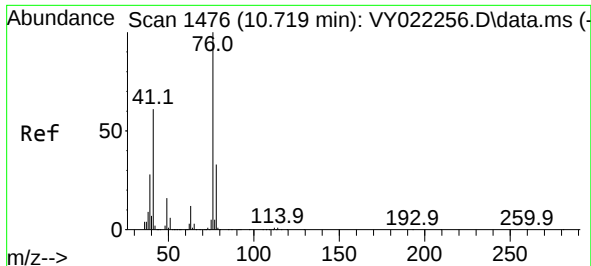
Ion Ratio Lower Upper

69 100

41 68.9 56.5 84.7

39 47.8 37.1 55.7





#57

1,3-Dichloropropane

Concen: 52.534 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

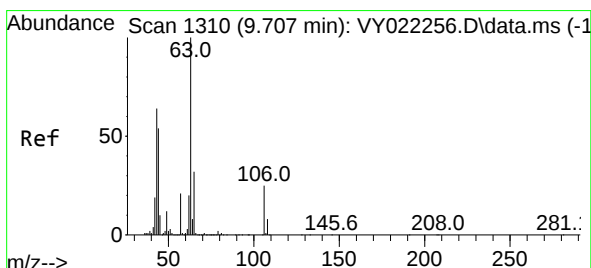
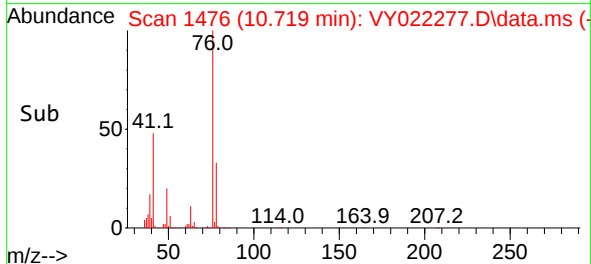
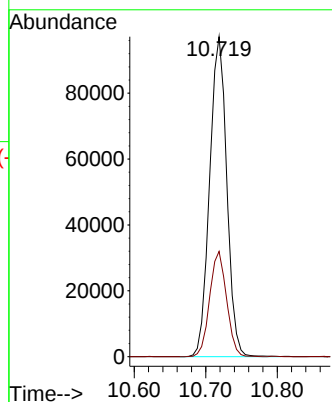
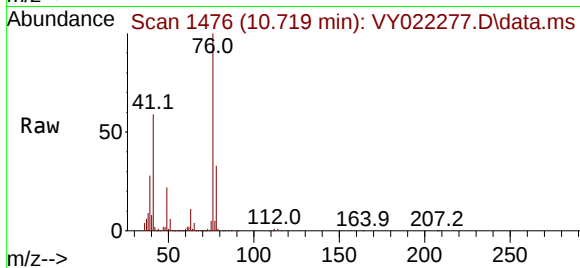
VSTDCCC050

Tgt Ion: 76 Resp: 161520

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 263.967 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022277.D

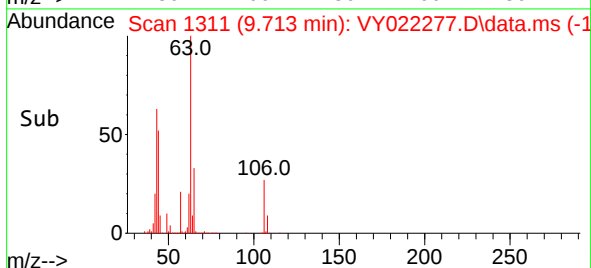
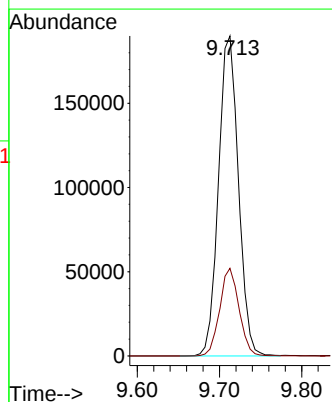
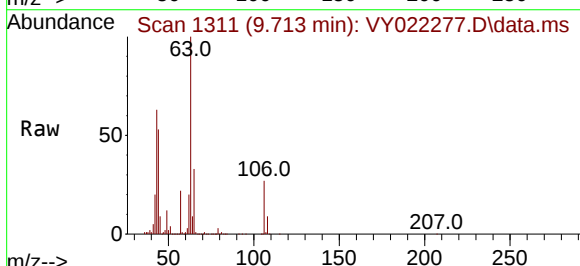
Acq: 16 May 2025 08:24

Tgt Ion: 63 Resp: 319368

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4

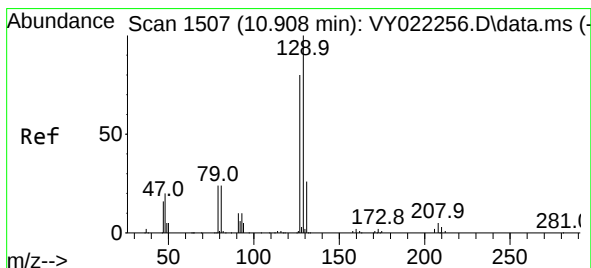
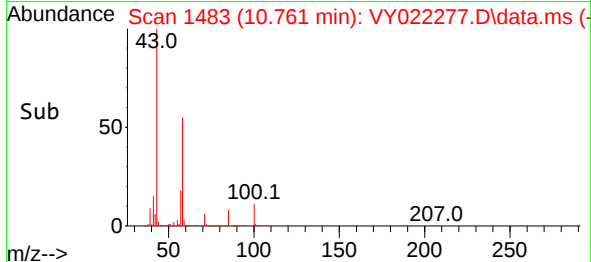
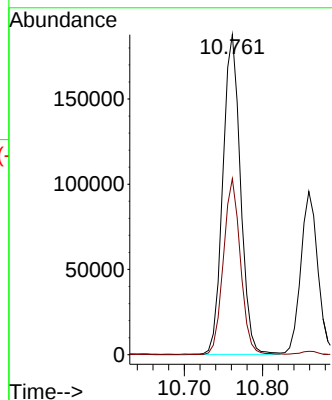
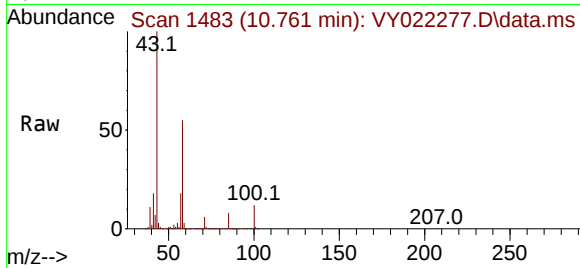




#59
2-Hexanone
Concen: 243.243 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

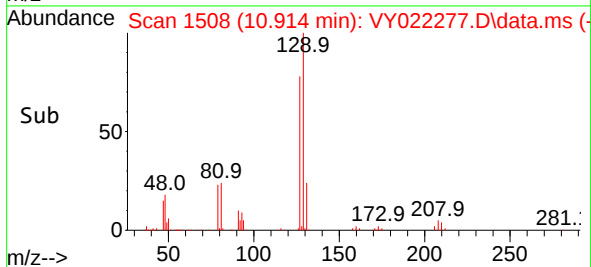
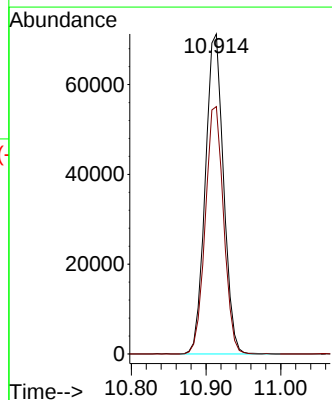
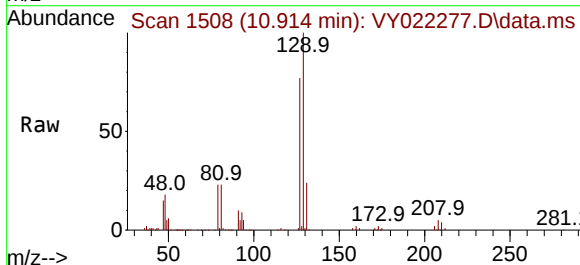
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

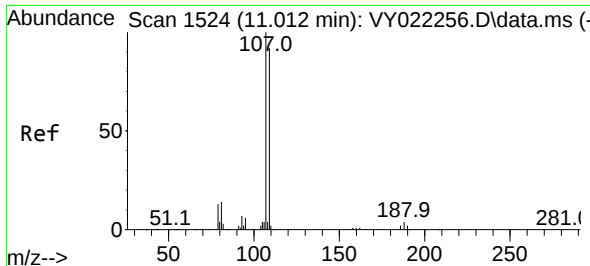
Tgt Ion: 43 Resp: 294366
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.3



#60
Dibromochloromethane
Concen: 53.672 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion:129 Resp: 120550
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

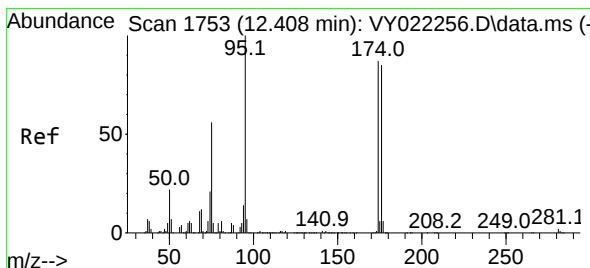
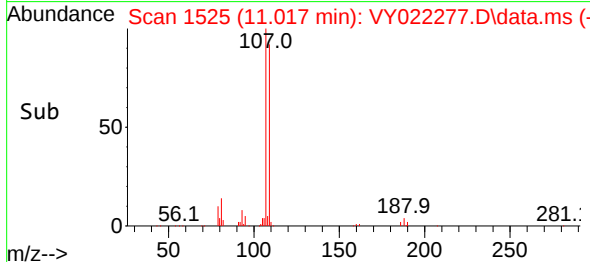
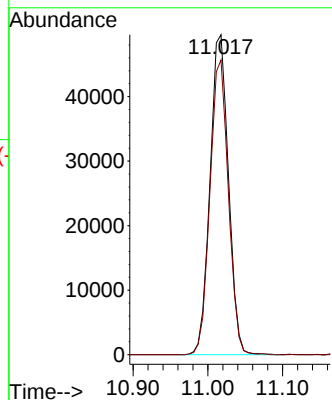
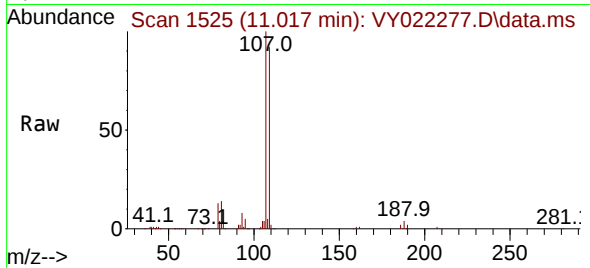




#61
1,2-Dibromoethane
Concen: 52.685 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

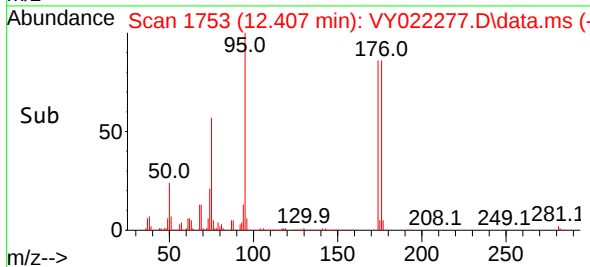
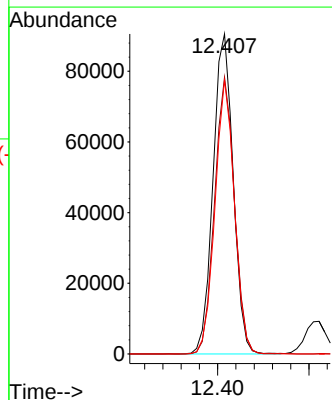
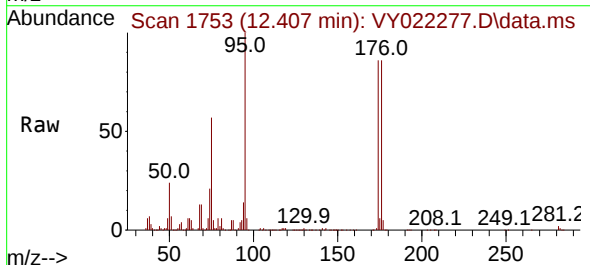
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

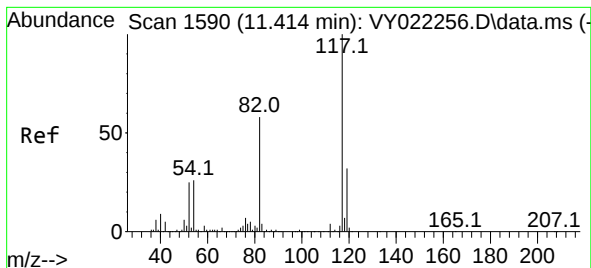
Tgt Ion:107 Resp: 84972
Ion Ratio Lower Upper
107 100
109 91.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 95 Resp: 138475
Ion Ratio Lower Upper
95 100
174 85.6 0.0 166.8
176 82.6 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

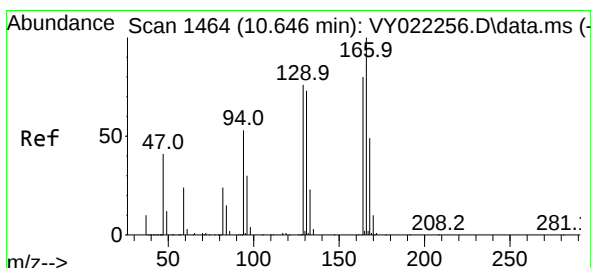
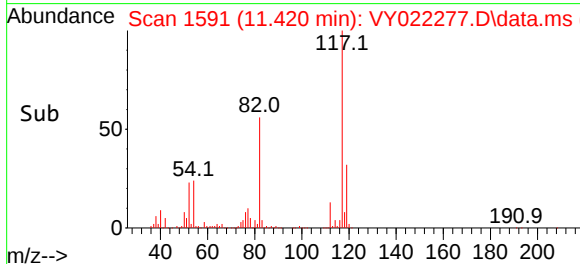
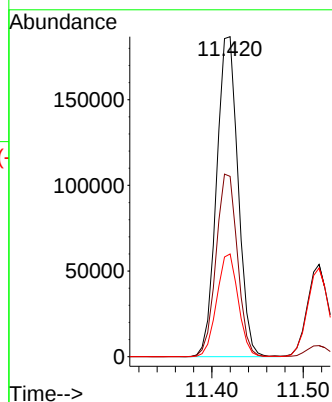
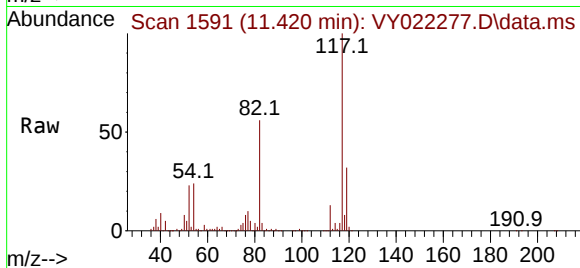
Tgt Ion:117 Resp: 305829

Ion Ratio Lower Upper

117 100

82 56.3 46.6 70.0

119 32.1 25.8 38.6



#64

Tetrachloroethene

Concen: 51.645 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Tgt Ion:164 Resp: 145990

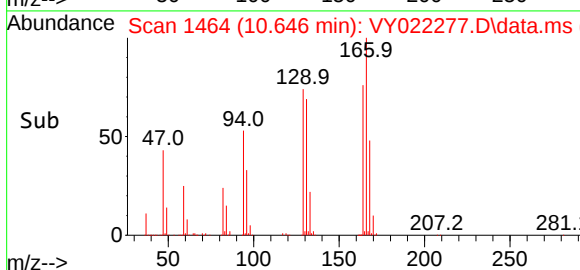
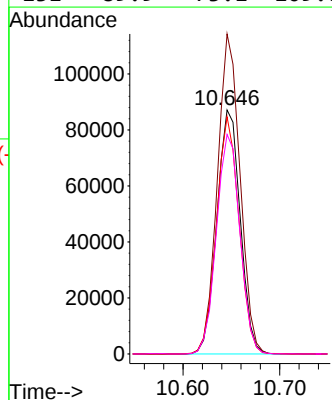
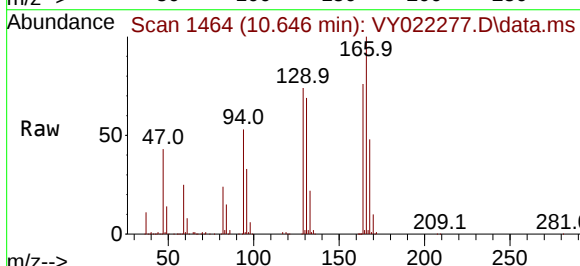
Ion Ratio Lower Upper

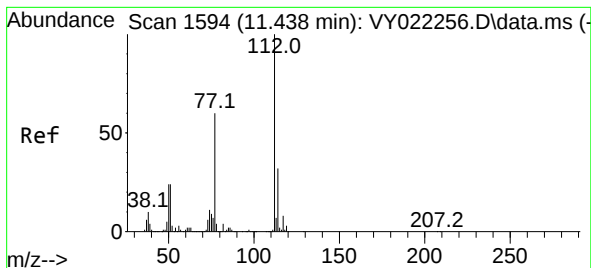
164 100

166 131.1 100.4 150.6

129 97.2 76.4 114.6

131 89.9 73.1 109.7





#65

Chlorobenzene

Concen: 53.191 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

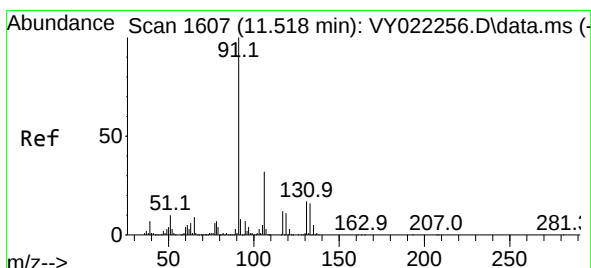
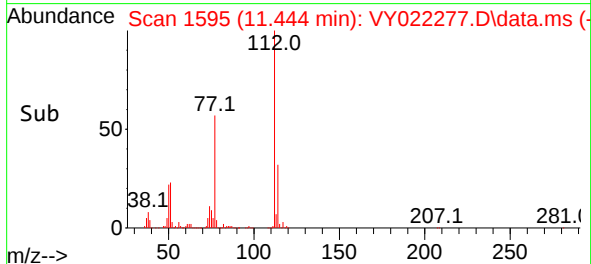
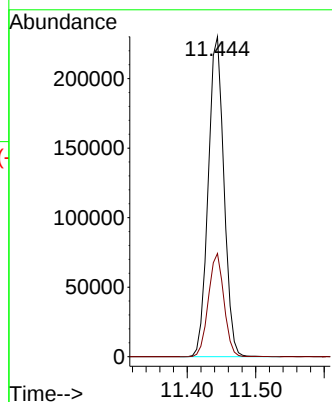
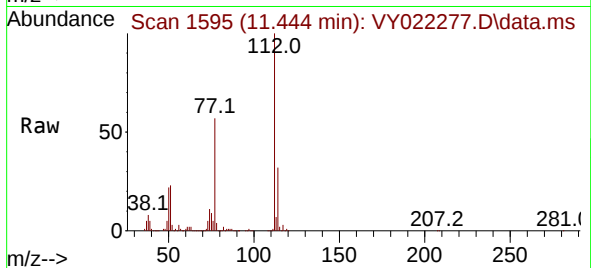
VSTDCCC050

Tgt Ion:112 Resp: 367007

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.937 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

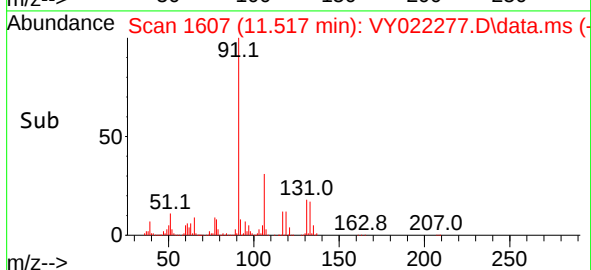
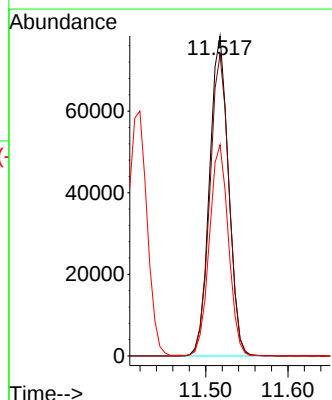
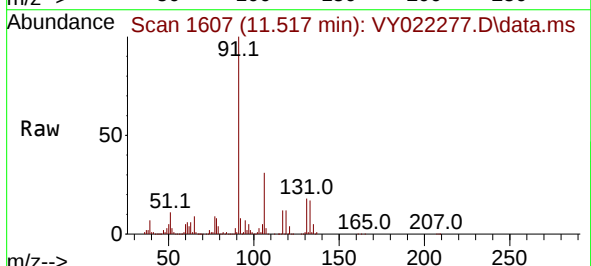
Tgt Ion:131 Resp: 125569

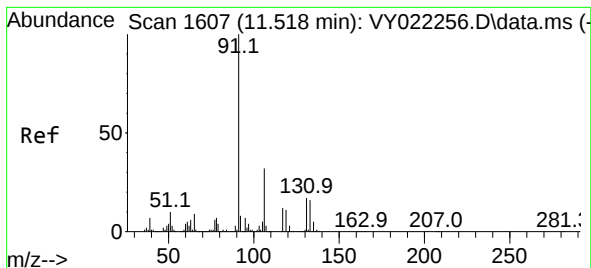
Ion Ratio Lower Upper

131 100

133 95.1 47.3 141.9

119 66.5 33.1 99.2

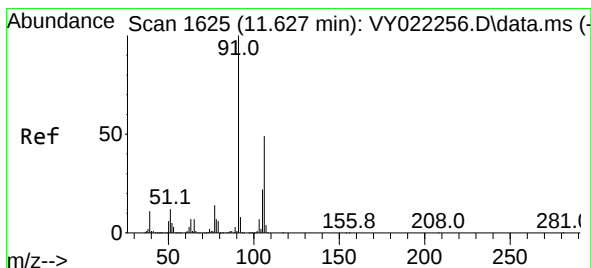
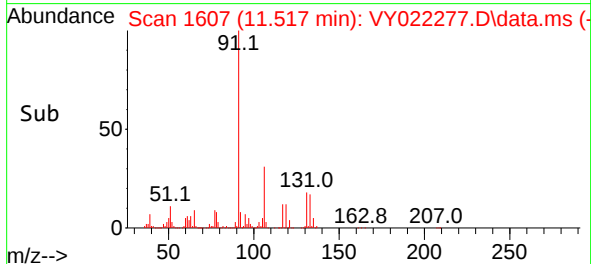
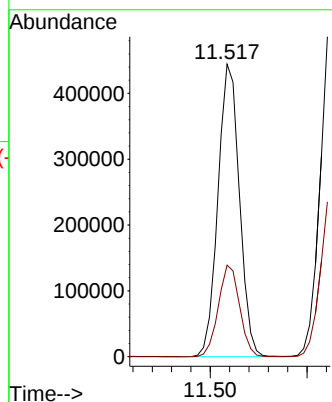
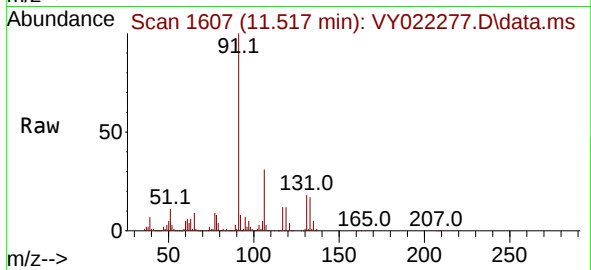




#67
Ethyl Benzene
Concen: 52.887 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

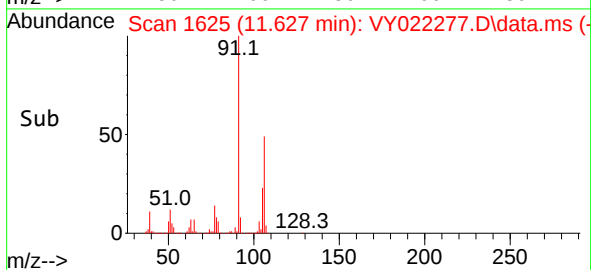
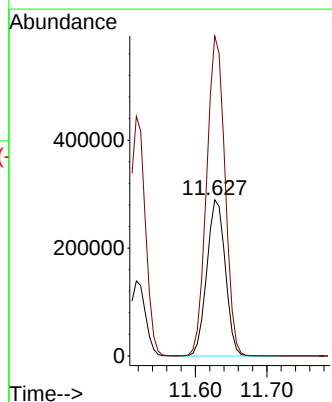
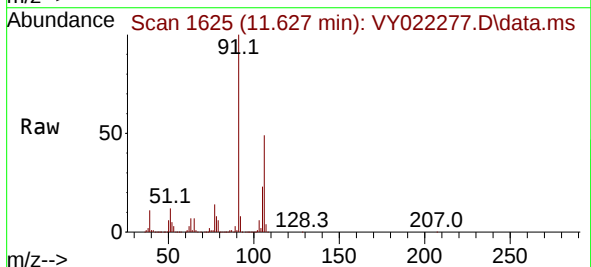
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

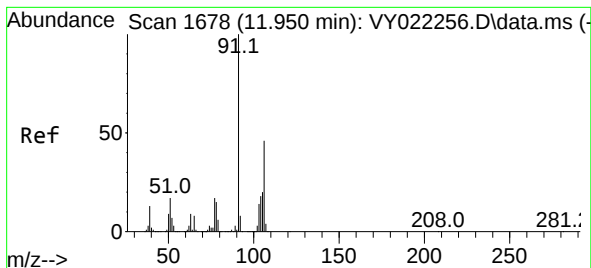
Tgt Ion: 91 Resp: 683403
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 106.465 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion:106 Resp: 518397
Ion Ratio Lower Upper
106 100
91 203.4 163.0 244.4





#69

o-Xylene

Concen: 53.401 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

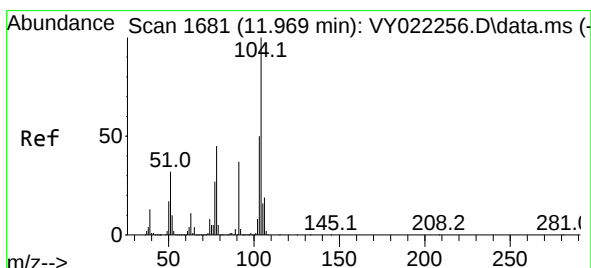
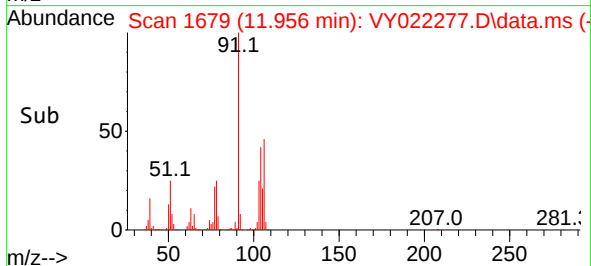
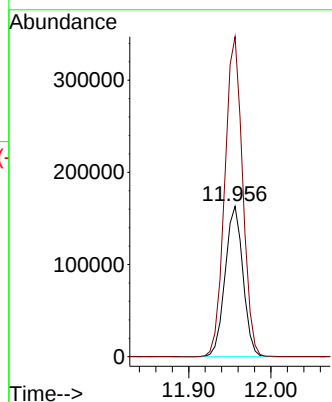
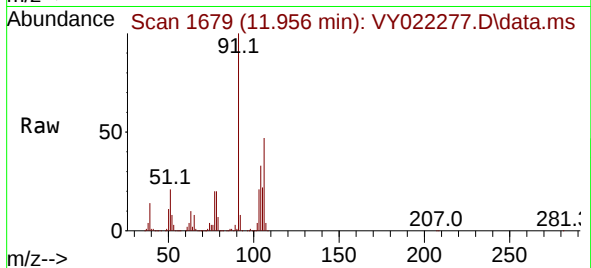
VSTDCCC050

Tgt Ion:106 Resp: 246010

Ion Ratio Lower Upper

106 100

91 213.4 108.3 324.8



#70

Styrene

Concen: 53.337 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

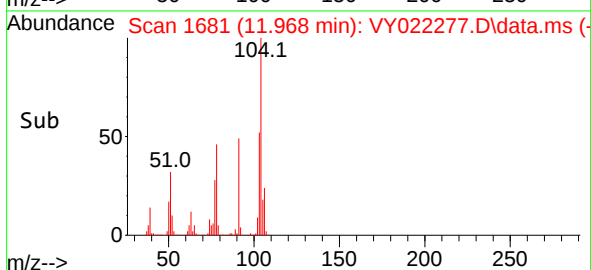
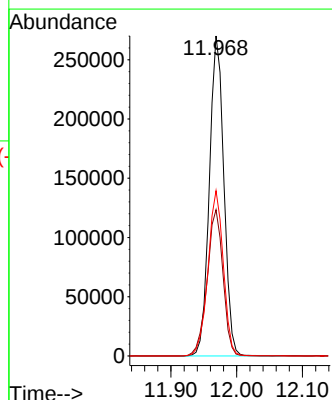
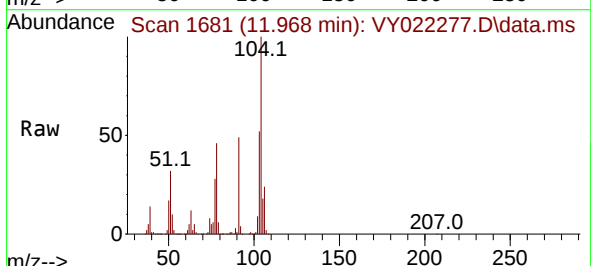
Tgt Ion:104 Resp: 414482

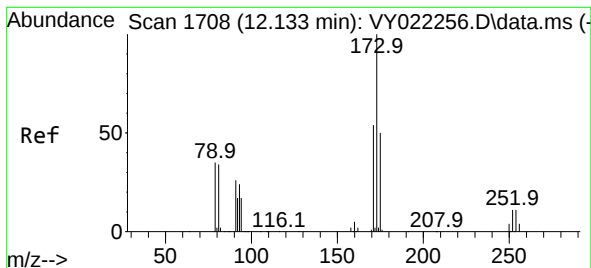
Ion Ratio Lower Upper

104 100

78 49.9 40.9 61.3

103 54.7 43.7 65.5





#71

Bromoform

Concen: 51.173 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

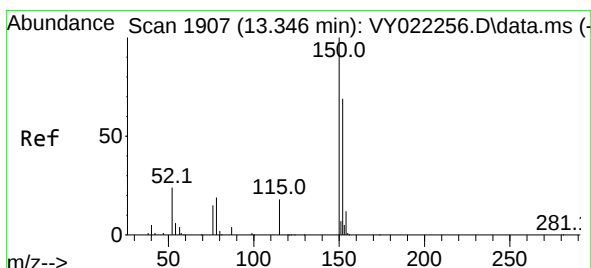
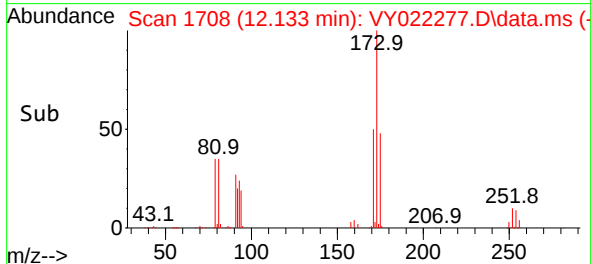
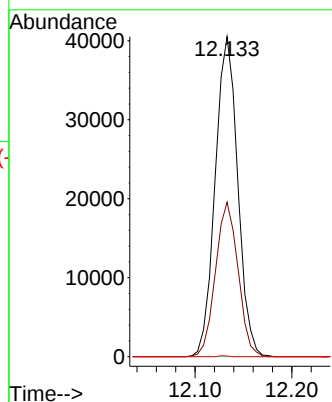
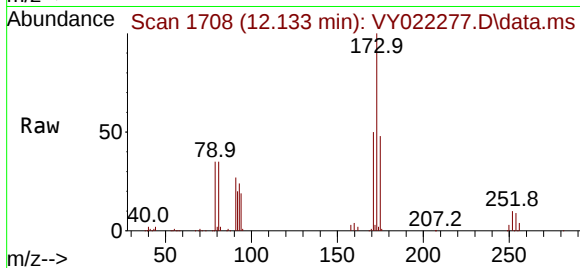
Tgt Ion:173 Resp: 65518

Ion Ratio Lower Upper

173 100

175 48.2 24.7 74.1

254 0.1 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: VY022277.D

Acq: 16 May 2025 08:24

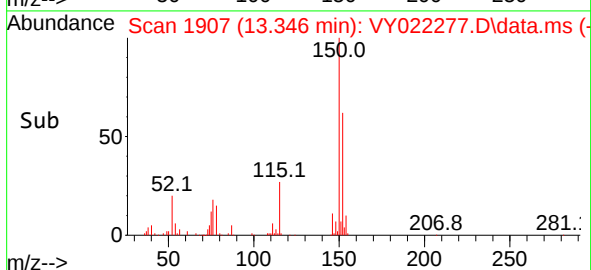
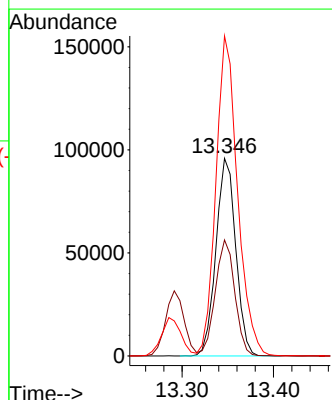
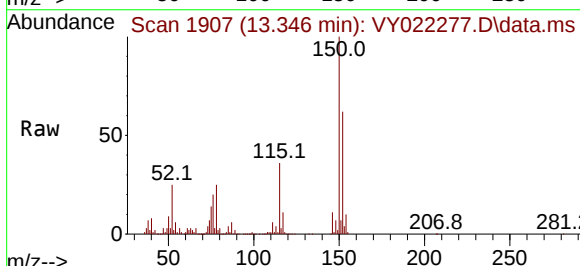
Tgt Ion:152 Resp: 144477

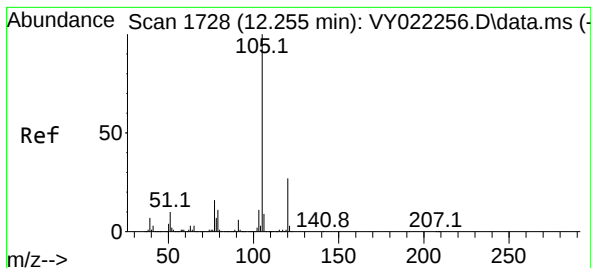
Ion Ratio Lower Upper

152 100

115 57.8 29.4 88.2

150 177.2 0.0 353.8





#73

Isopropylbenzene

Concen: 53.338 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

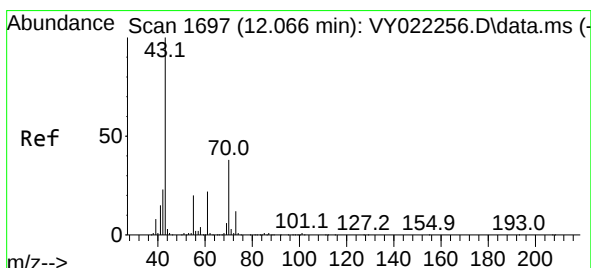
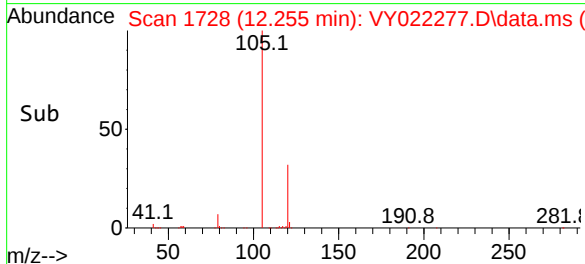
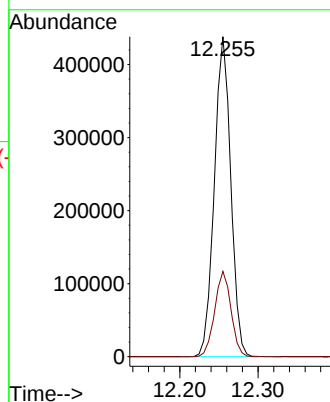
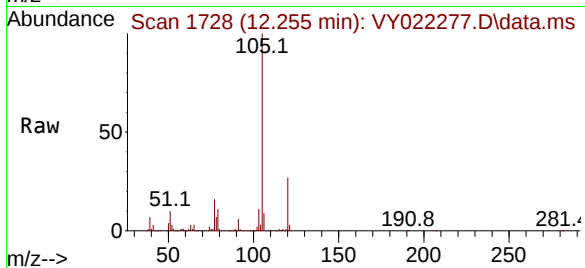
VSTDCCC050

Tgt Ion:105 Resp: 638419

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 49.797 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Tgt Ion: 43 Resp: 170468

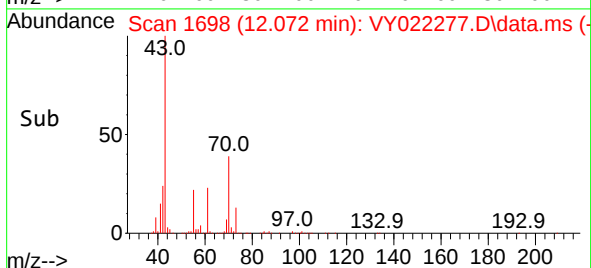
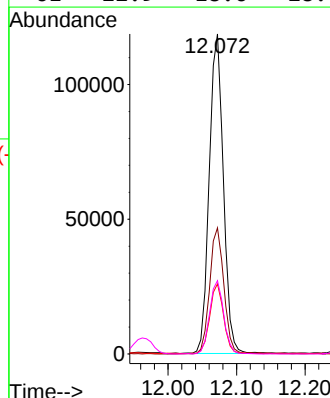
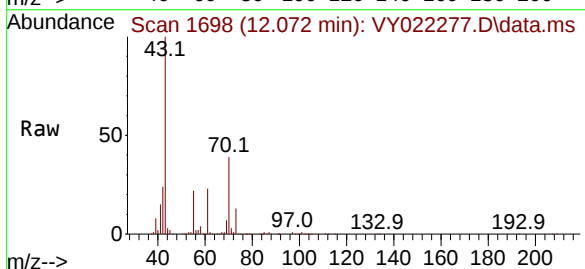
Ion Ratio Lower Upper

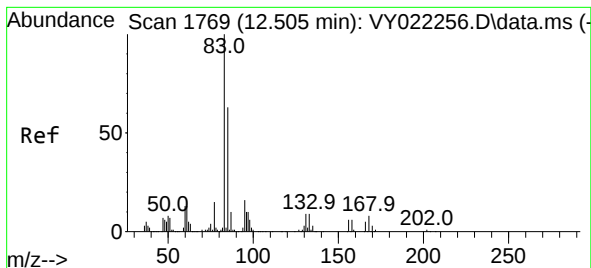
43 100

70 40.0 31.4 47.0

55 21.3 17.0 25.6

61 22.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.057 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

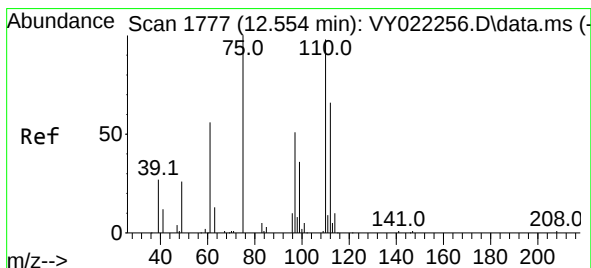
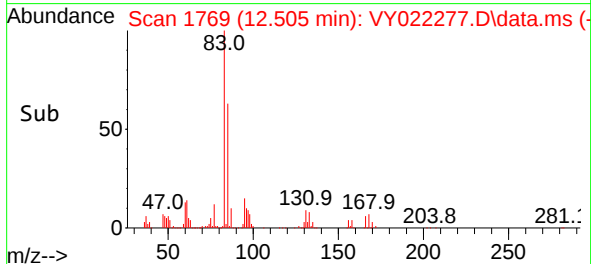
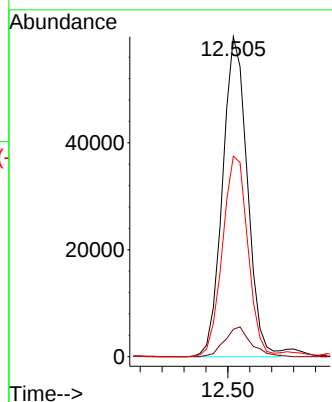
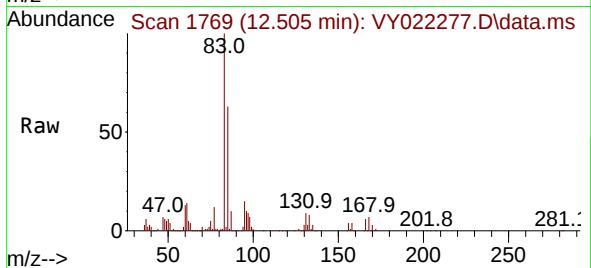
Tgt Ion: 83 Resp: 93984

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 94.745 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022277.D

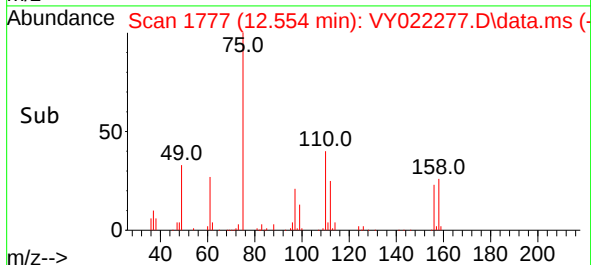
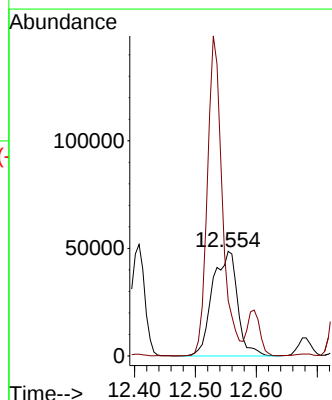
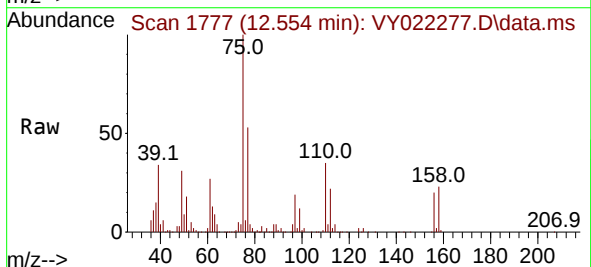
Acq: 16 May 2025 08:24

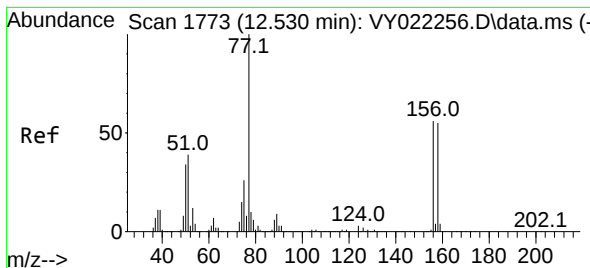
Tgt Ion: 75 Resp: 138679

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.632 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

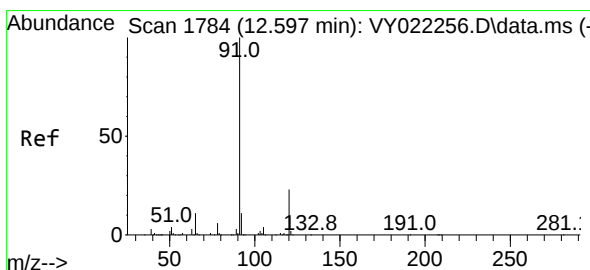
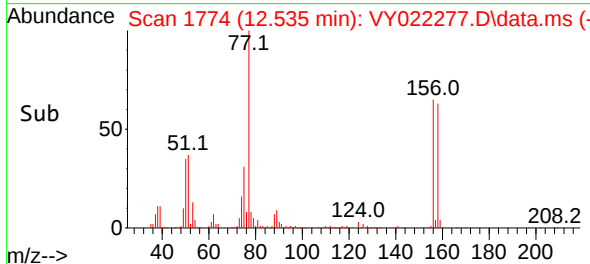
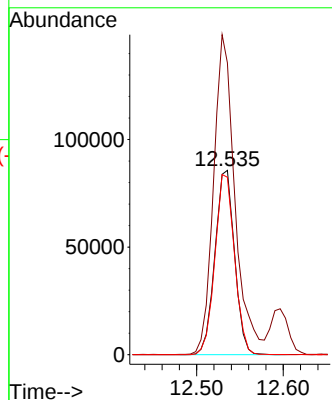
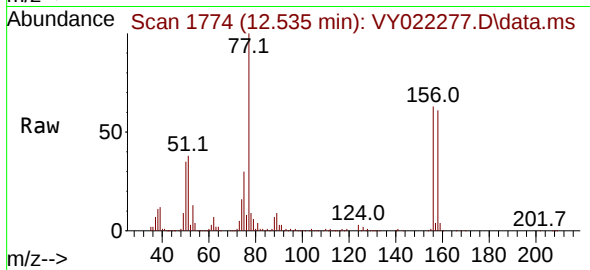
Tgt Ion:156 Resp: 134547

Ion Ratio Lower Upper

156 100

77 189.6 94.5 283.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 53.604 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022277.D

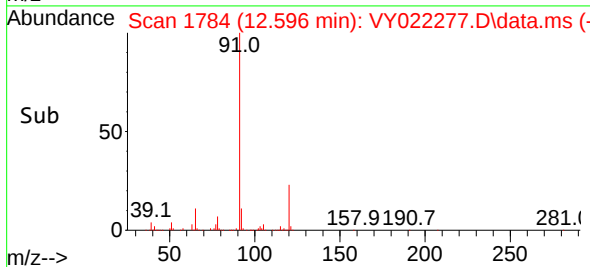
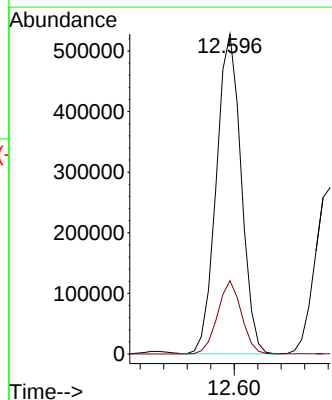
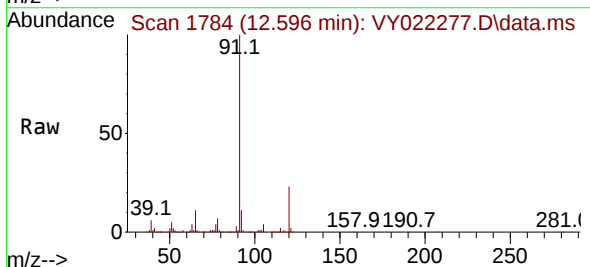
Acq: 16 May 2025 08:24

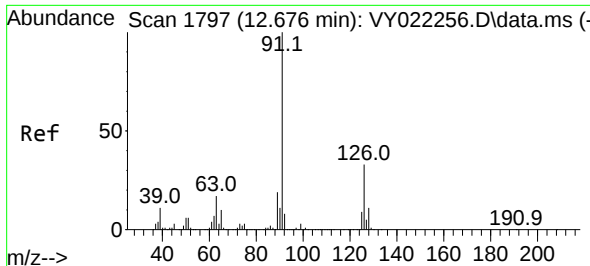
Tgt Ion: 91 Resp: 773886

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3

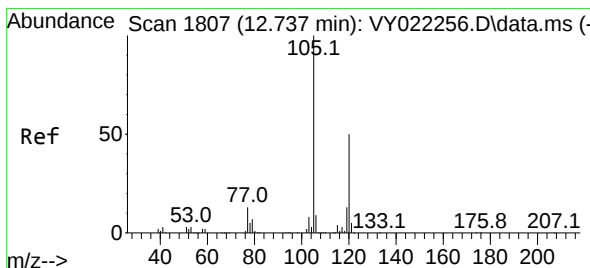
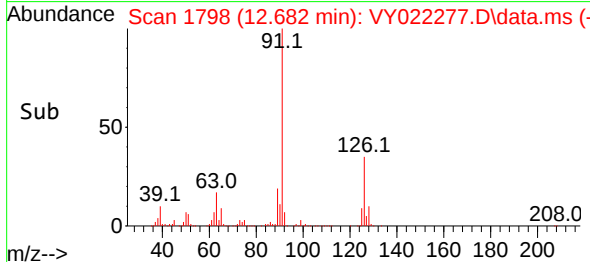
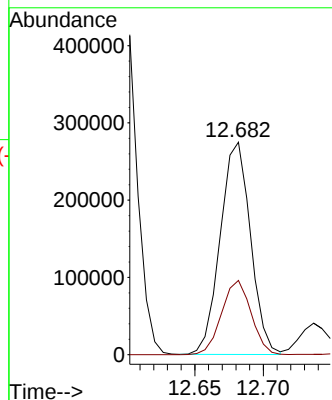
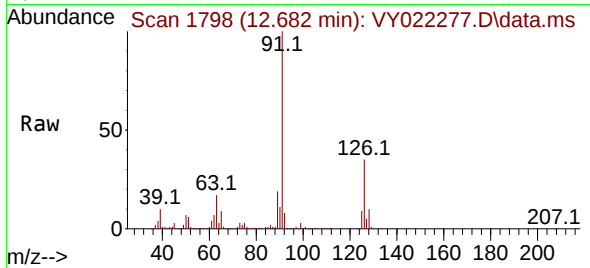




#79
2-Chlorotoluene
Concen: 53.269 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

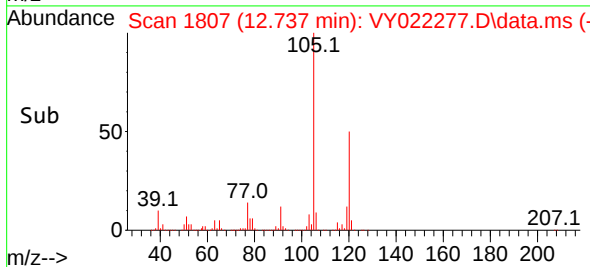
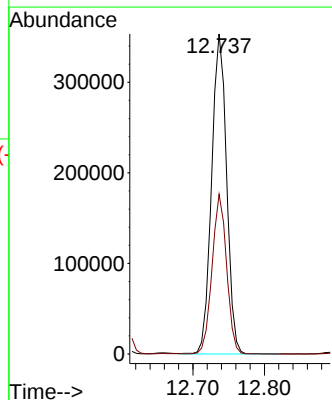
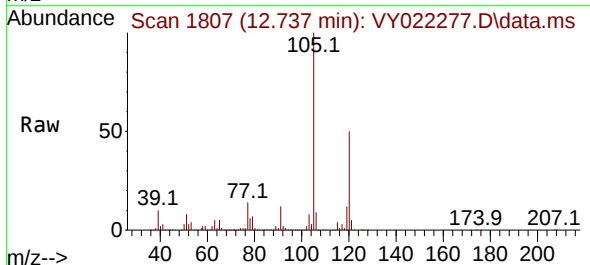
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

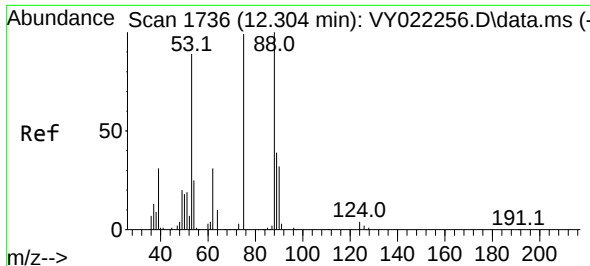
Tgt Ion: 91 Resp: 422629
Ion Ratio Lower Upper
91 100
126 34.1 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 53.075 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 105 Resp: 512810
Ion Ratio Lower Upper
105 100
120 48.5 24.2 72.6

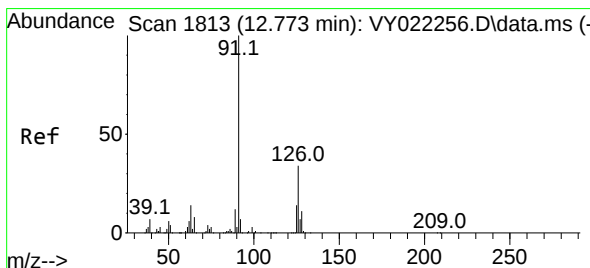
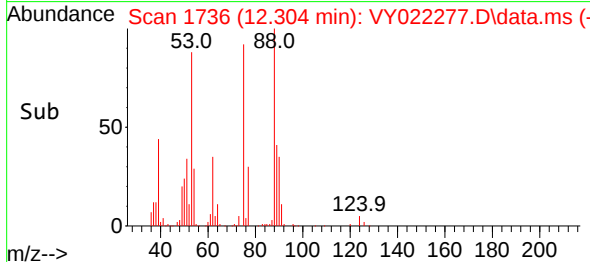
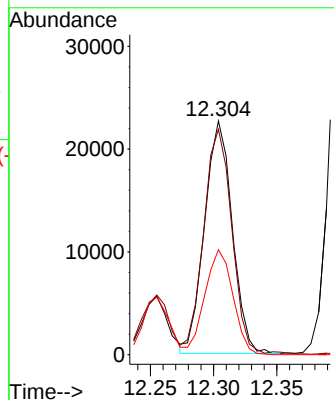
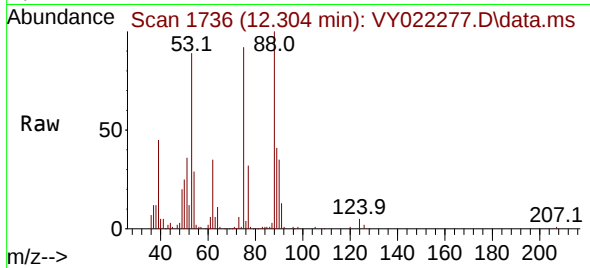




#81
trans-1,4-Dichloro-2-butene
Concen: 47.601 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

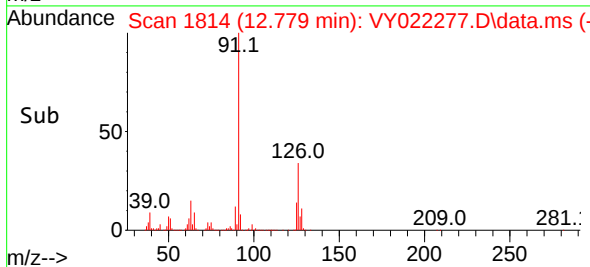
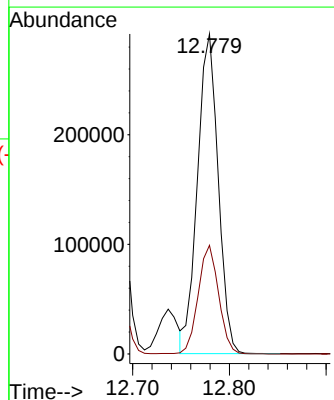
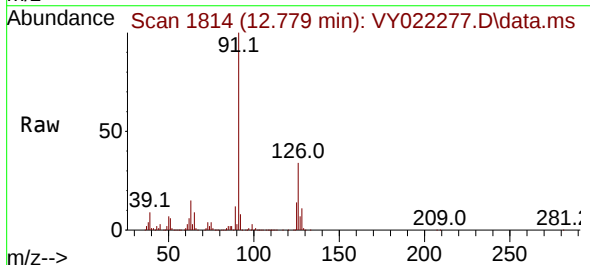
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

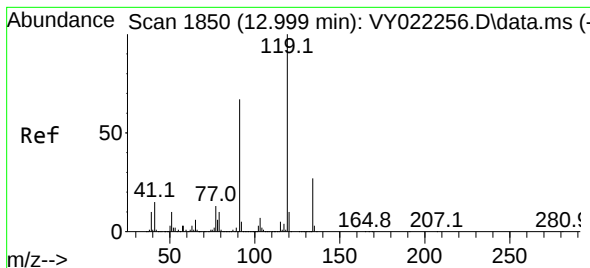
Tgt Ion: 75 Resp: 34394
Ion Ratio Lower Upper
75 100
53 99.2 75.8 113.8
89 45.4 36.2 54.2



#82
4-Chlorotoluene
Concen: 53.249 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022277.D
Acq: 16 May 2025 08:24

Tgt Ion: 91 Resp: 434539
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 52.865 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

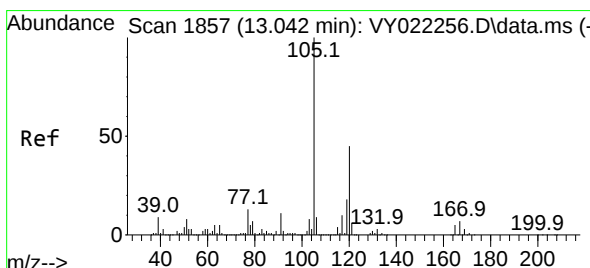
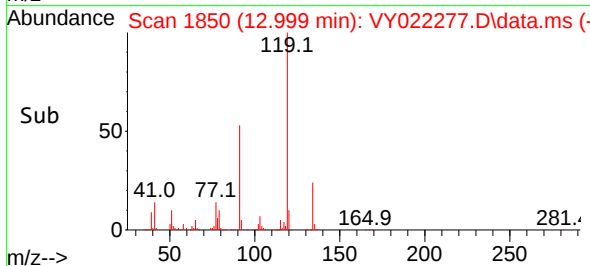
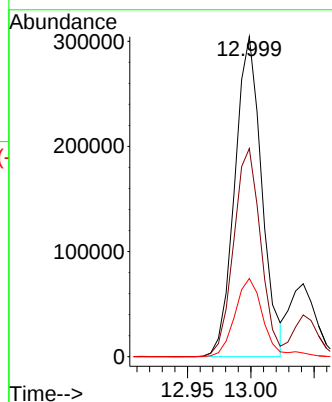
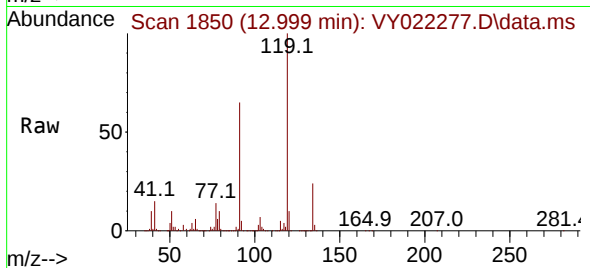
Tgt Ion:119 Resp: 453991

Ion Ratio Lower Upper

119 100

91 64.9 32.8 98.3

134 25.7 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 53.733 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022277.D

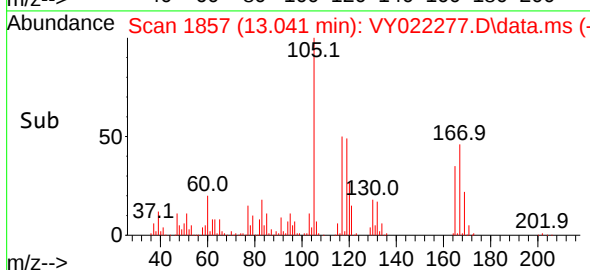
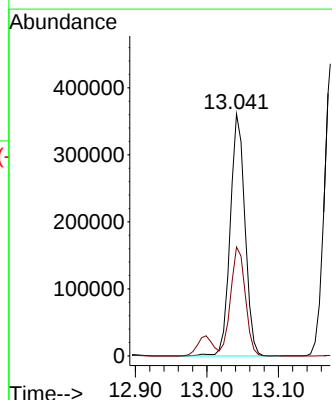
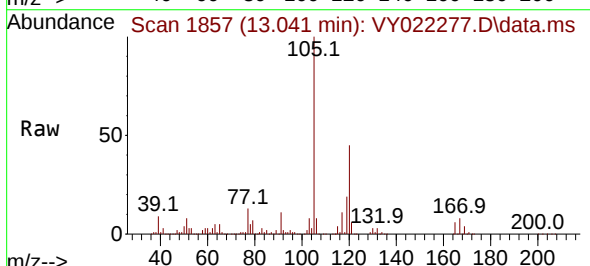
Acq: 16 May 2025 08:24

Tgt Ion:105 Resp: 515364

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.545 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

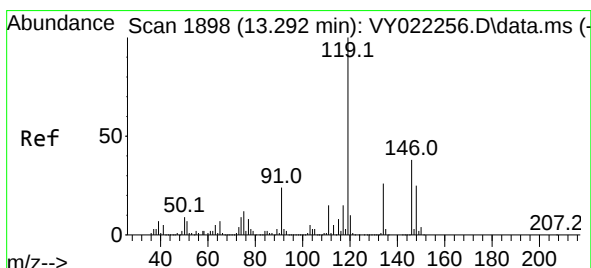
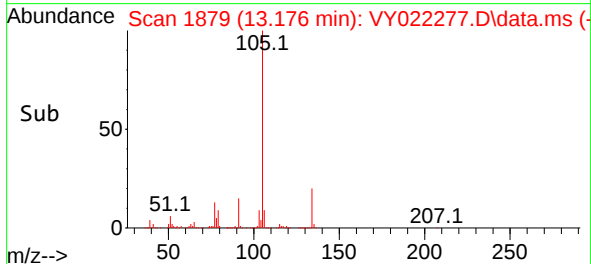
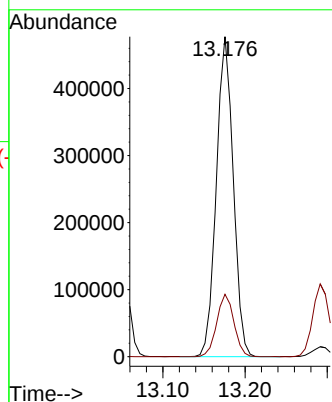
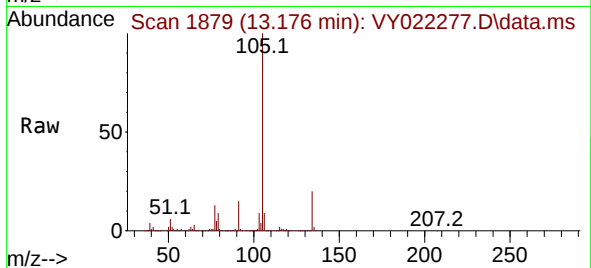
VSTDCCC050

Tgt Ion:105 Resp: 682585

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.506 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

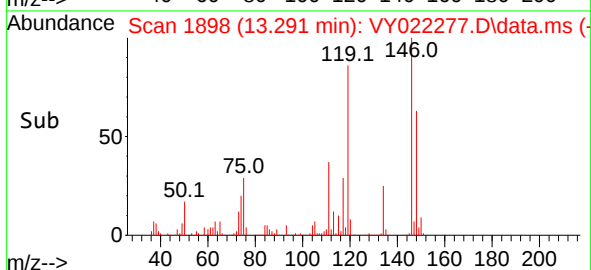
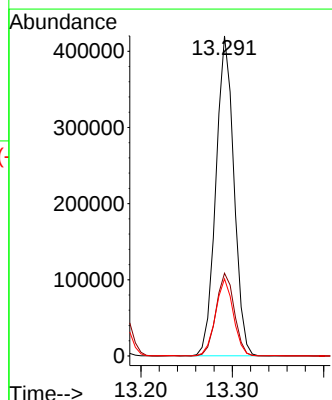
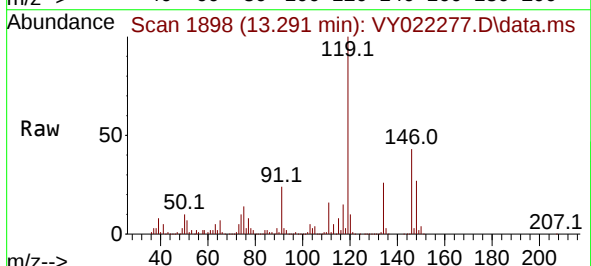
Tgt Ion:119 Resp: 573661

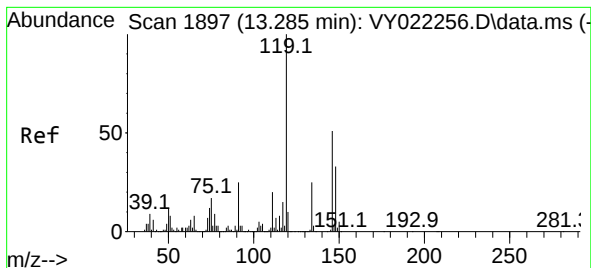
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.186 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

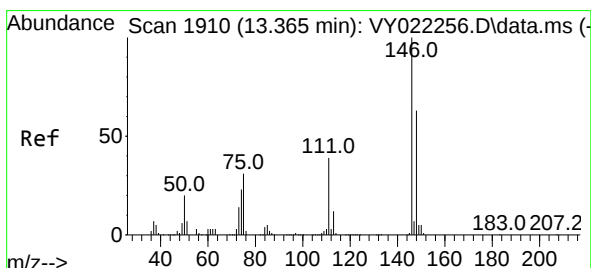
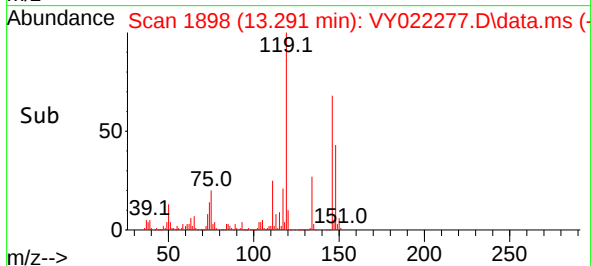
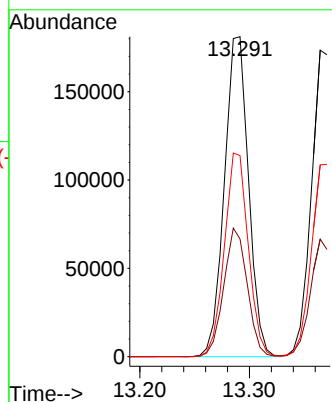
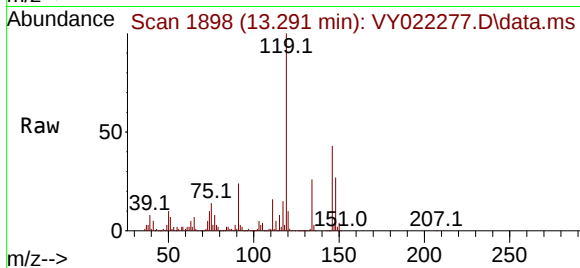
Tgt Ion:146 Resp: 277562

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 63.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.554 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

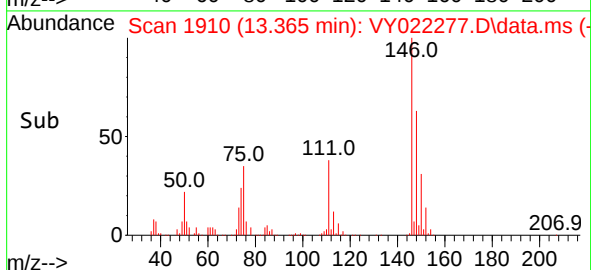
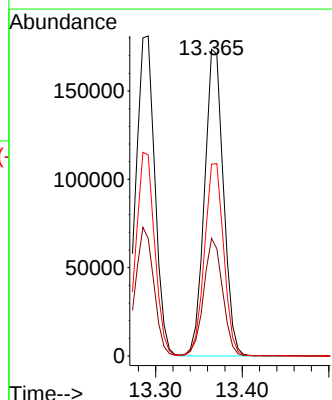
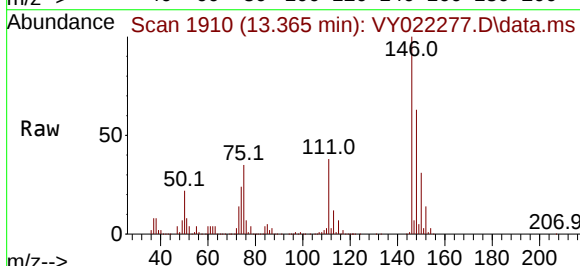
Tgt Ion:146 Resp: 263812

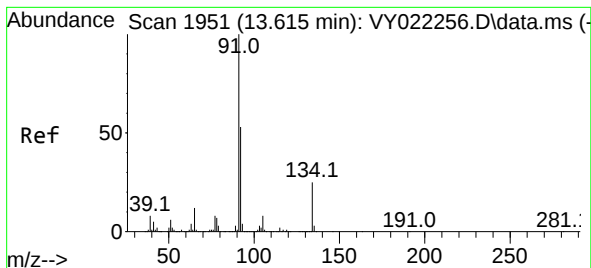
Ion Ratio Lower Upper

146 100

111 38.4 20.0 59.9

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 54.360 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

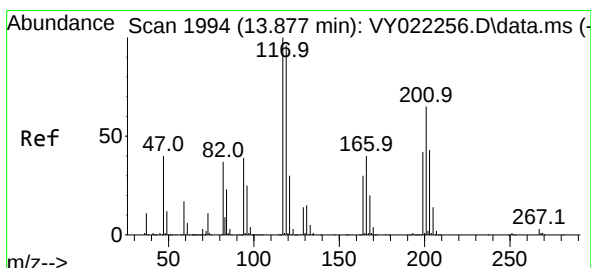
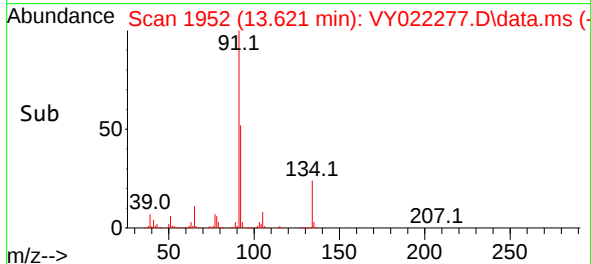
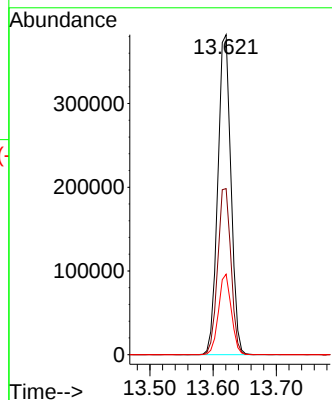
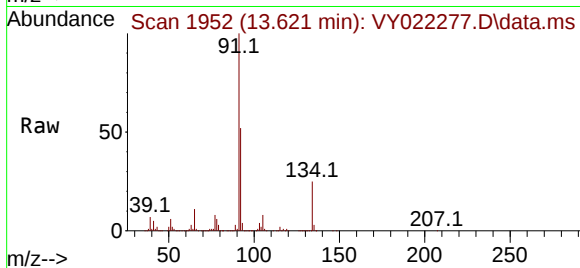
Tgt Ion: 91 Resp: 551378

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 24.6 12.4 37.4



#90

Hexachloroethane

Concen: 53.238 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022277.D

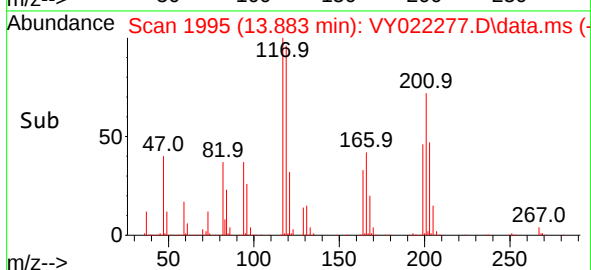
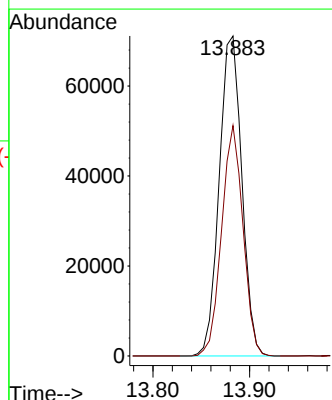
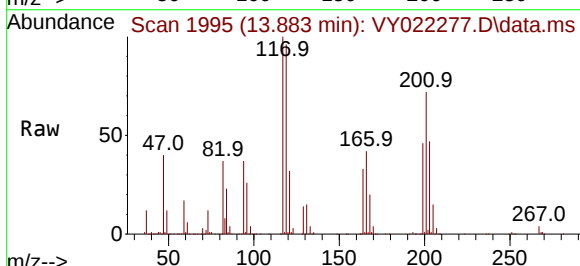
Acq: 16 May 2025 08:24

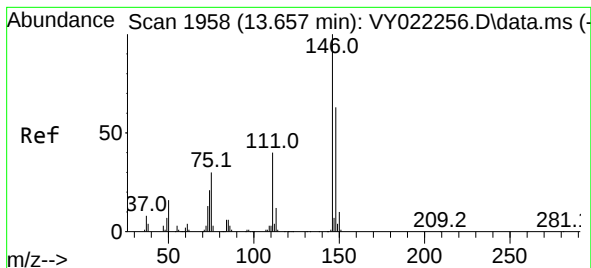
Tgt Ion: 117 Resp: 115221

Ion Ratio Lower Upper

117 100

201 68.2 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 52.616 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

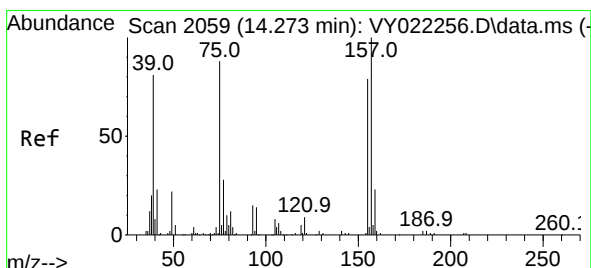
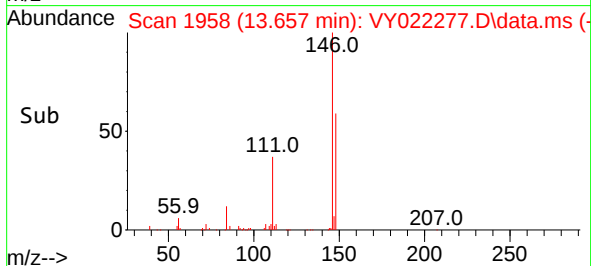
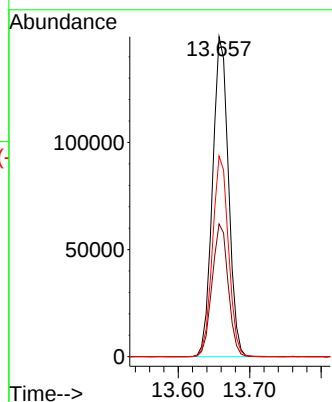
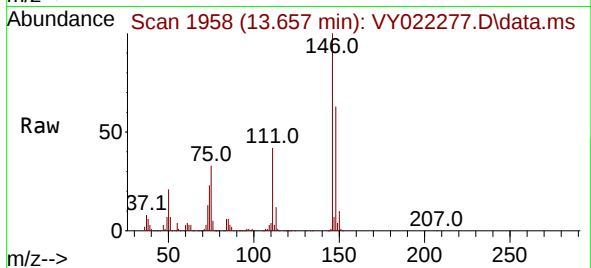
Tgt Ion:146 Resp: 230646

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.5

148 63.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.767 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

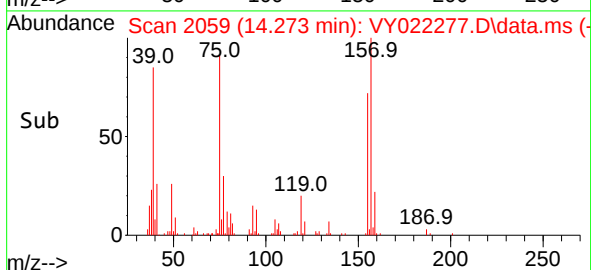
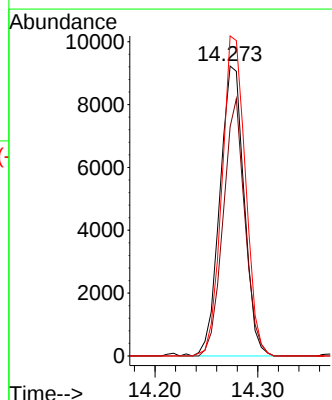
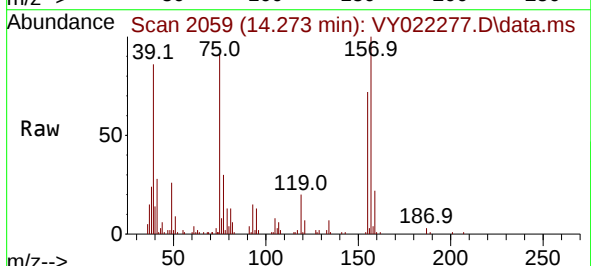
Tgt Ion: 75 Resp: 15069

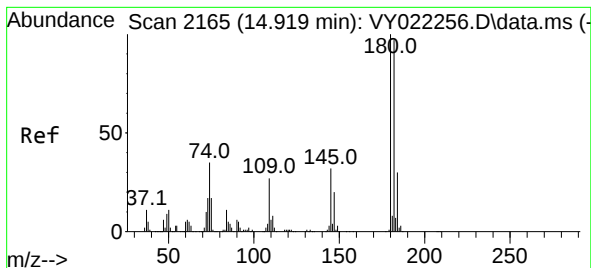
Ion Ratio Lower Upper

75 100

155 80.0 43.4 130.1

157 106.9 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 52.983 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

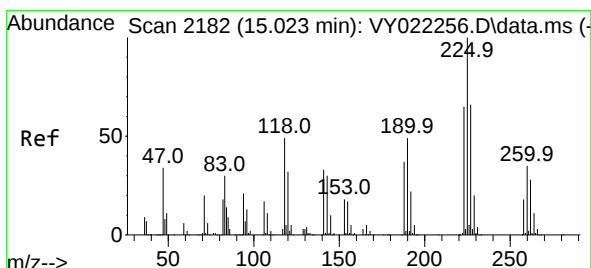
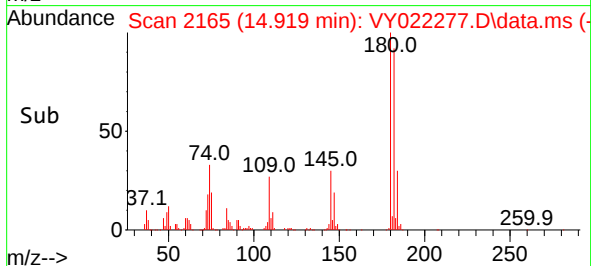
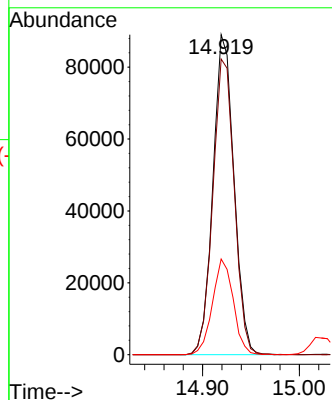
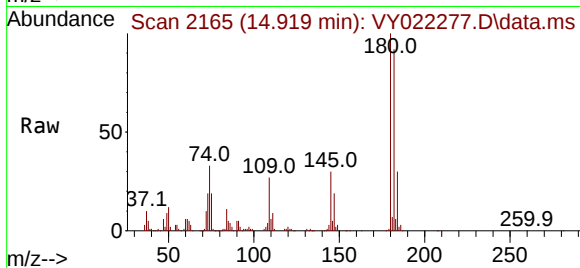
Tgt Ion:180 Resp: 134157

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.0

145 29.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 52.696 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

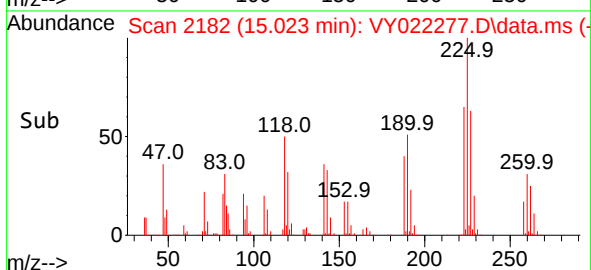
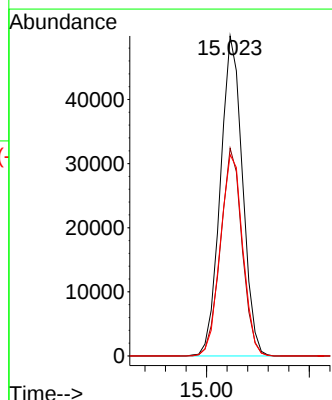
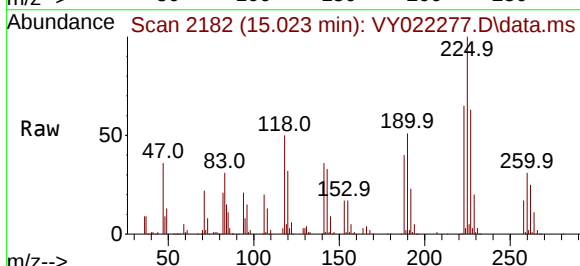
Tgt Ion:225 Resp: 74411

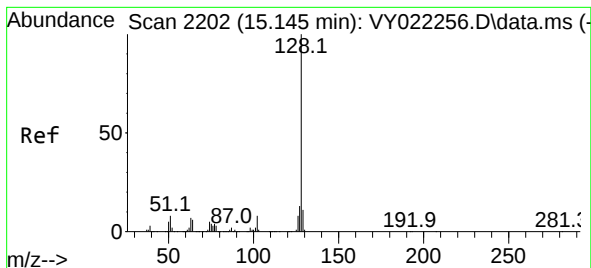
Ion Ratio Lower Upper

225 100

223 63.2 31.5 94.5

227 63.7 32.1 96.3





#95

Naphthalene

Concen: 50.663 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

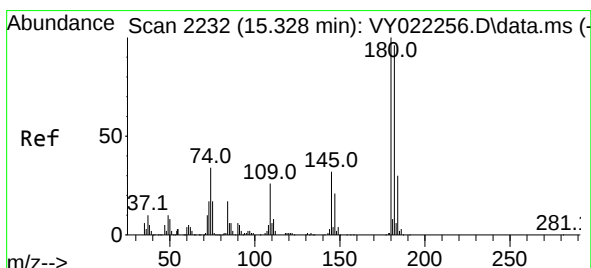
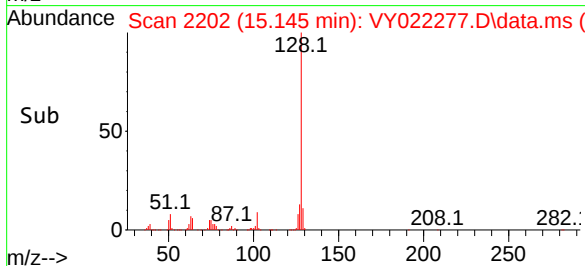
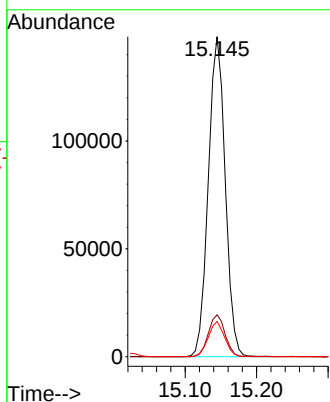
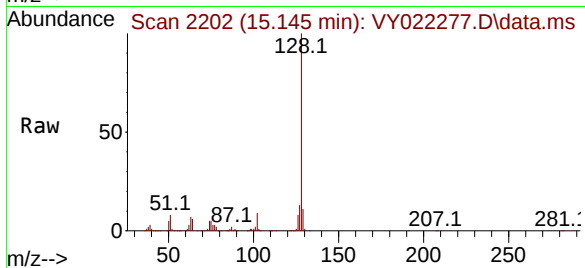
Tgt Ion:128 Resp: 243439

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.679 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022277.D

Acq: 16 May 2025 08:24

Tgt Ion:180 Resp: 111008

Ion Ratio Lower Upper

180 100

182 92.6 47.1 141.3

145 31.4 15.9 47.6

