

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
 Data File : VY022199.D
 Acq On : 08 May 2025 09:18
 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 09 05:04:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	232737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	341854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	318447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108105	50.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.580%	
35) Dibromofluoromethane	7.634	113	118261	52.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.109	98	466034	54.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.460%	
62) 4-Bromofluorobenzene	12.407	95	159149	55.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	87926	44.337	ug/l	98
3) Chloromethane	2.068	50	147703	52.307	ug/l	99
4) Vinyl Chloride	2.202	62	184226	53.091	ug/l	100
5) Bromomethane	2.592	94	152248	50.926	ug/l	100
6) Chloroethane	2.732	64	126505	53.530	ug/l	99
7) Trichlorofluoromethane	3.049	101	231572	50.608	ug/l	98
8) Diethyl Ether	3.452	74	52159	43.795	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.811	101	122619	49.399	ug/l	98
10) Methyl Iodide	4.000	142	138296	48.121	ug/l	98
11) Tert butyl alcohol	4.878	59	27461	232.682	ug/l	99
12) 1,1-Dichloroethene	3.787	96	109865	47.485	ug/l	94
13) Acrolein	3.659	56	17041	80.449	ug/l	99
14) Allyl chloride	4.378	41	131793	48.921	ug/l	98
15) Acrylonitrile	5.061	53	105888	242.861	ug/l	98
16) Acetone	3.872	43	83934	302.799	ug/l	99
17) Carbon Disulfide	4.104	76	334723	45.374	ug/l	98
18) Methyl Acetate	4.391	43	53007	52.785	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	251248	48.518	ug/l	99
20) Methylene Chloride	4.610	84	123979	45.609	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	125098	48.279	ug/l	95
22) Diisopropyl ether	6.018	45	315447	52.617	ug/l	99
23) Vinyl Acetate	5.957	43	830835	257.144	ug/l	99
24) 1,1-Dichloroethane	5.915	63	207410	49.911	ug/l	99
25) 2-Butanone	6.896	43	125216	255.529	ug/l	99
26) 2,2-Dichloropropane	6.884	77	190625	52.337	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	138473	47.794	ug/l	96
28) Bromochloromethane	7.244	49	78580	48.683	ug/l	95
29) Tetrahydrofuran	7.262	42	80648	253.400	ug/l	99
30) Chloroform	7.421	83	231432	50.208	ug/l	100
31) Cyclohexane	7.701	56	176591	49.692	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	207343	49.719	ug/l	98
36) 1,1-Dichloropropene	7.835	75	163521	53.901	ug/l	98
37) Ethyl Acetate	6.988	43	57373	52.657	ug/l	98
38) Carbon Tetrachloride	7.817	117	193808	53.463	ug/l	97
39) Methylcyclohexane	9.109	83	204504	53.566	ug/l	95
40) Benzene	8.079	78	499128	52.632	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32380	54.364	ug/l	94
42) 1,2-Dichloroethane	8.158	62	124554	53.048	ug/l	98
43) Isopropyl Acetate	8.195	43	110339	52.733	ug/l	99
44) Trichloroethene	8.865	130	133349	50.766	ug/l	100
45) 1,2-Dichloropropane	9.140	63	112721	53.749	ug/l	97
46) Dibromomethane	9.231	93	68110	51.881	ug/l	98
47) Bromodichloromethane	9.420	83	173657	52.950	ug/l	97
48) Methyl methacrylate	9.219	41	51176	52.906	ug/l	99
49) 1,4-Dioxane	9.237	88	13842	989.242	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	310068	282.683	ug/l	97
52) Toluene	10.170	92	335529	54.659	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	149178	53.030	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	177728	53.149	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	92436	52.711	ug/l	98
56) Ethyl methacrylate	10.438	69	109746	54.726	ug/l	96
57) 1,3-Dichloropropane	10.719	76	150425	53.508	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	275550	281.032	ug/l	98
59) 2-Hexanone	10.761	43	208902	288.746	ug/l	97
60) Dibromochloromethane	10.914	129	128299	52.844	ug/l	99
61) 1,2-Dibromoethane	11.017	107	86658	52.345	ug/l	99
64) Tetrachloroethene	10.646	164	153280	51.023	ug/l	98
65) Chlorobenzene	11.444	112	367093	51.549	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	132142	52.707	ug/l	99
67) Ethyl Benzene	11.517	91	629476	54.036	ug/l	100
68) m/p-Xylenes	11.627	106	509011	109.807	ug/l	100
69) o-Xylene	11.956	106	233431	54.636	ug/l	99
70) Styrene	11.969	104	399256	55.656	ug/l	99
71) Bromoform	12.133	173	76748	52.653	ug/l #	100
73) Isopropylbenzene	12.255	105	621648	52.201	ug/l	99
74) N-amyl acetate	12.072	43	104821	51.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	101289	50.449	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	134486	88.086	ug/l #	100
77) Bromobenzene	12.529	156	149821	49.789	ug/l	97
78) n-propylbenzene	12.596	91	761617	53.704	ug/l	100
79) 2-Chlorotoluene	12.682	91	426099	51.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	521046	53.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32039	50.535	ug/l	98
82) 4-Chlorotoluene	12.779	91	447905	52.242	ug/l	99
83) tert-Butylbenzene	12.999	119	463200	52.637	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	519350	52.917	ug/l	99
85) sec-Butylbenzene	13.176	105	695229	53.990	ug/l	100
86) p-Isopropyltoluene	13.291	119	584529	53.457	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	304315	49.792	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	299630	49.501	ug/l	100
89) n-Butylbenzene	13.621	91	529651	54.192	ug/l	100
90) Hexachloroethane	13.883	117	123008	51.202	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	267819	50.242	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15447	48.358	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	151857	50.272	ug/l	99
94) Hexachlorobutadiene	15.023	225	95163	51.204	ug/l	99
95) Naphthalene	15.145	128	252535	50.327	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	130200	49.933	ug/l	99

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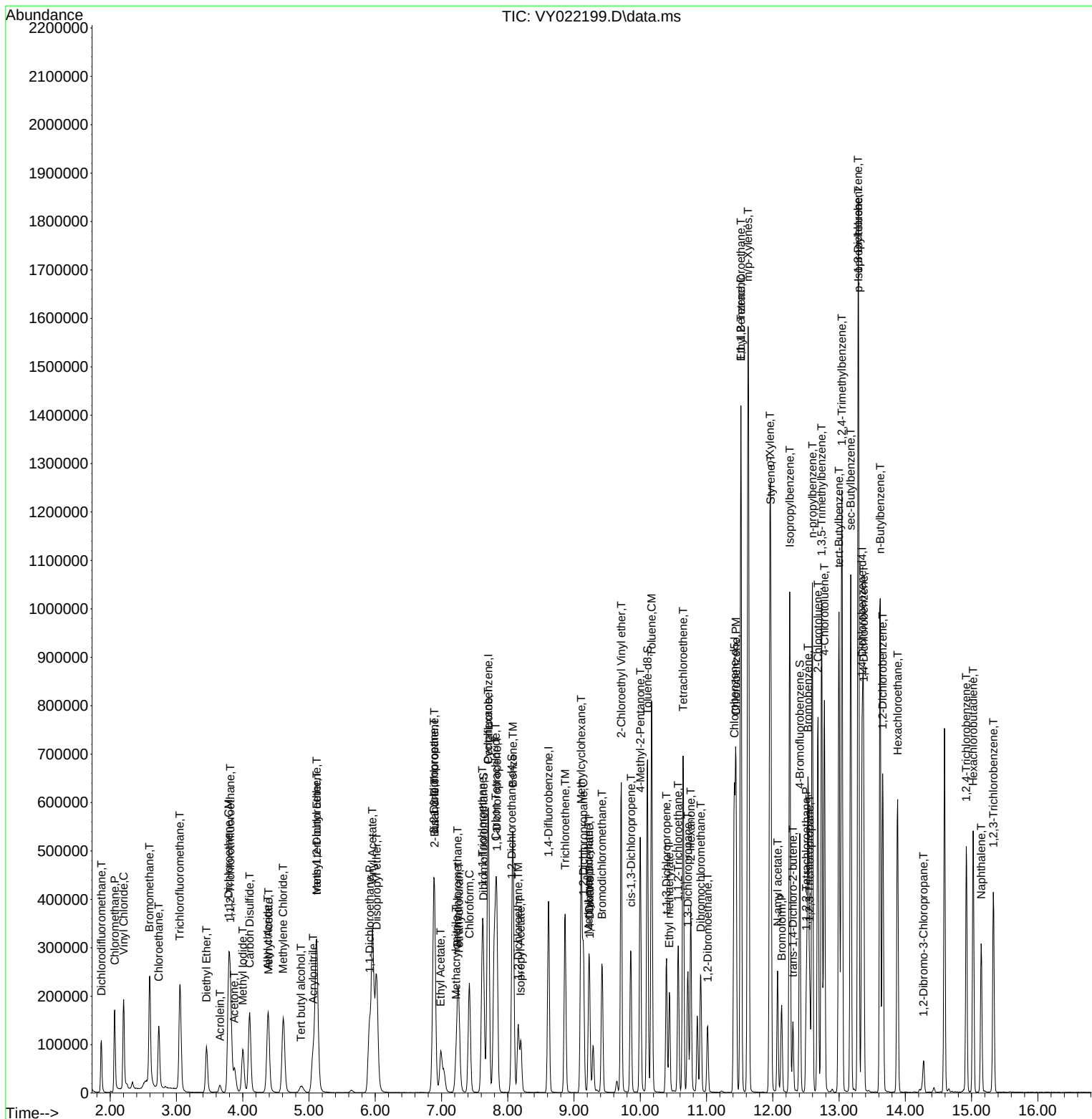
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

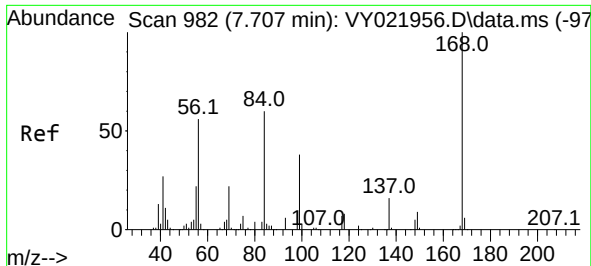
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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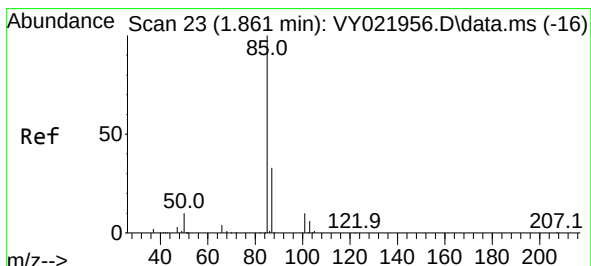
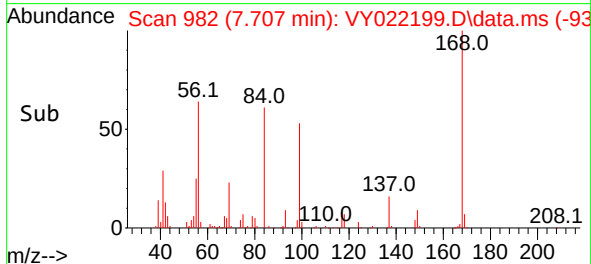
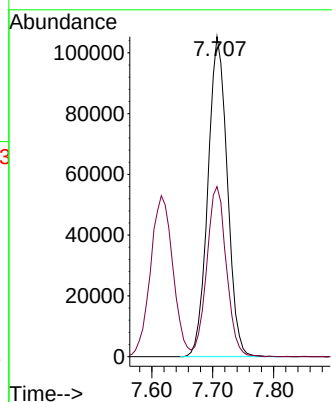
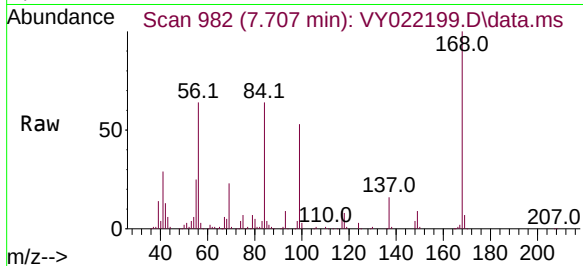




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022199.D
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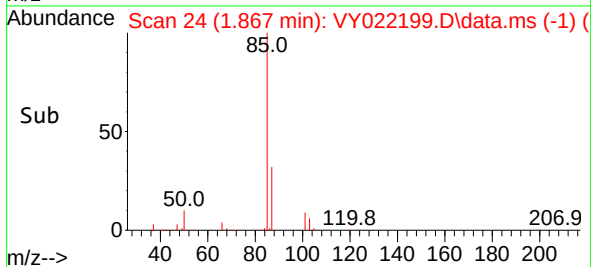
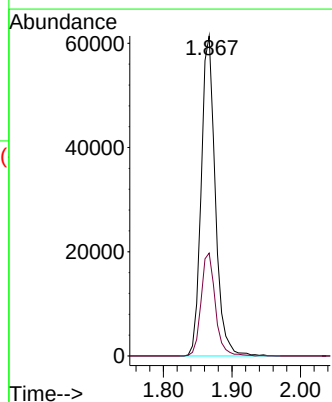
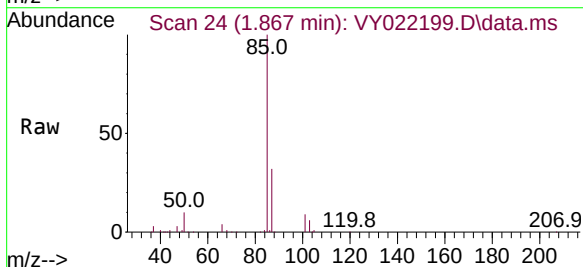
Instrument :
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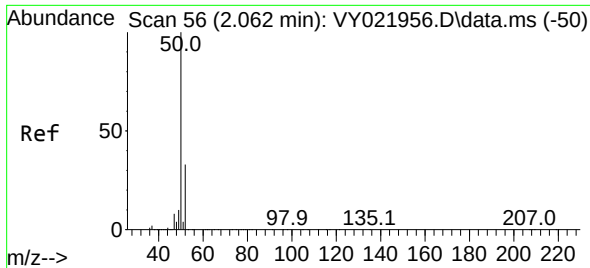
Tgt Ion:168 Resp: 232737
Ion Ratio Lower Upper
168 100
99 53.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 44.337 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 85 Resp: 87926
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7

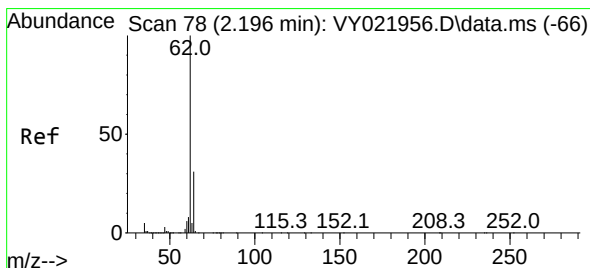
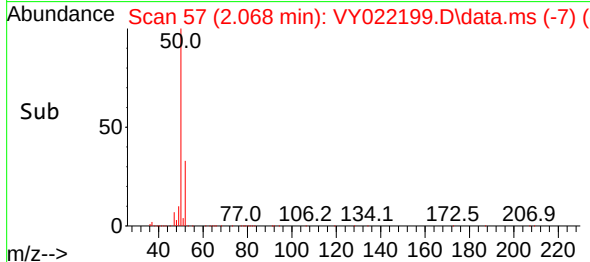
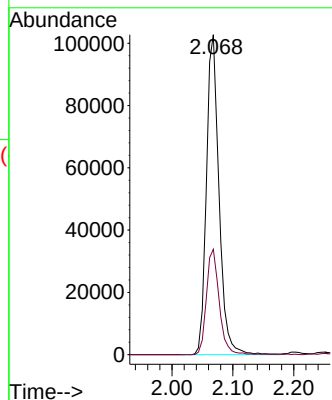
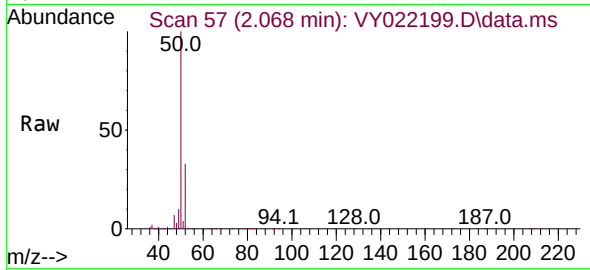




#3
Chloromethane
Concen: 52.307 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

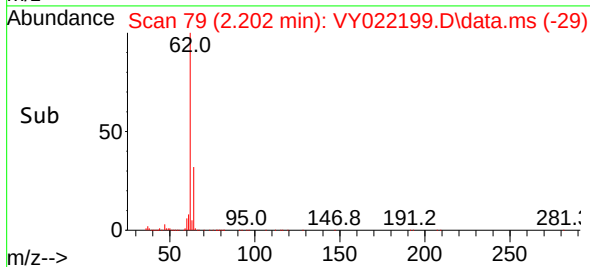
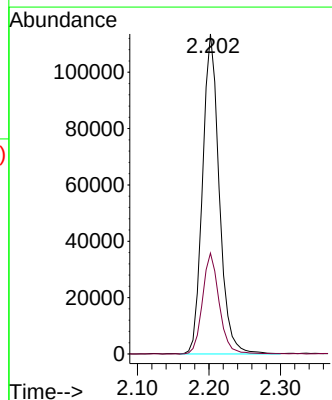
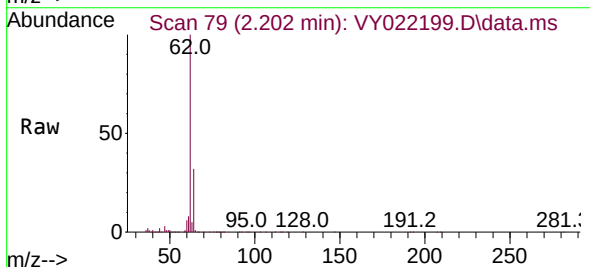
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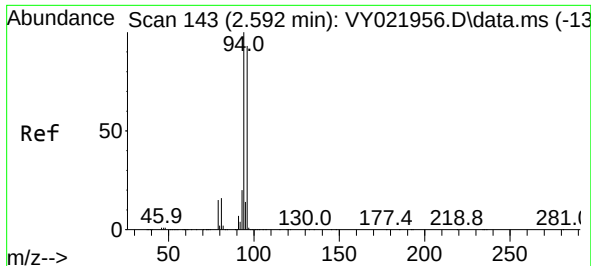
Tgt Ion: 50 Resp: 147703
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1



#4
Vinyl Chloride
Concen: 53.091 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 62 Resp: 184226
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7

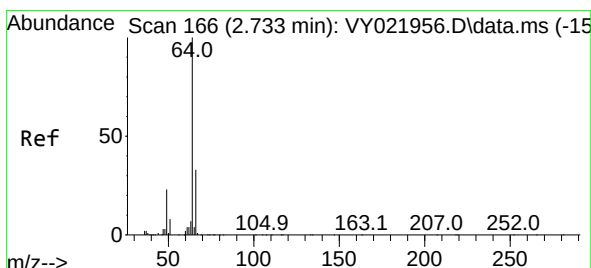
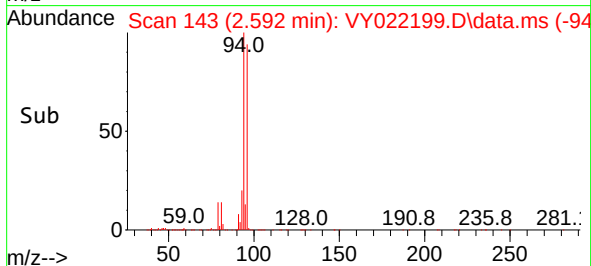
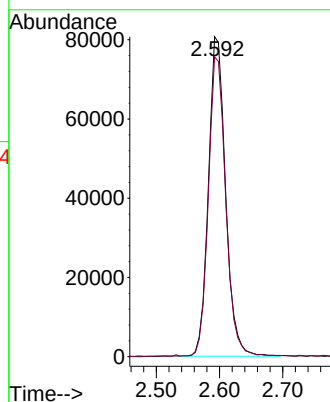
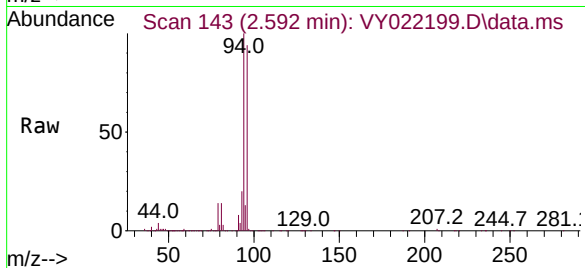




#5
Bromomethane
Concen: 50.926 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

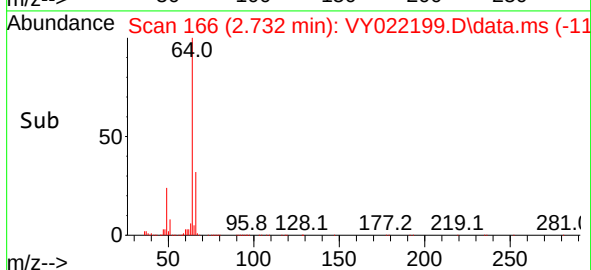
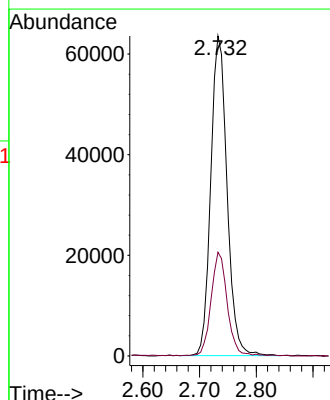
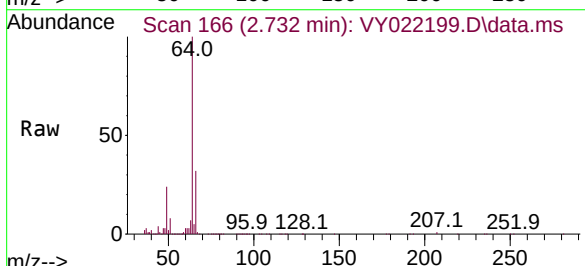
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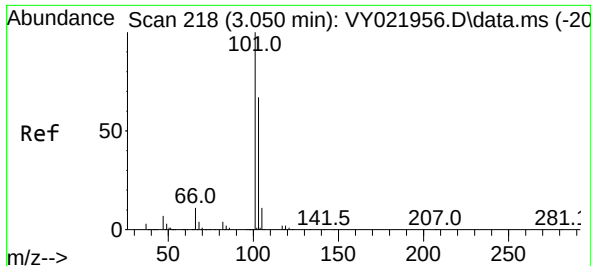
Tgt Ion: 94 Resp: 152248
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8



#6
Chloroethane
Concen: 53.530 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 64 Resp: 126505
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

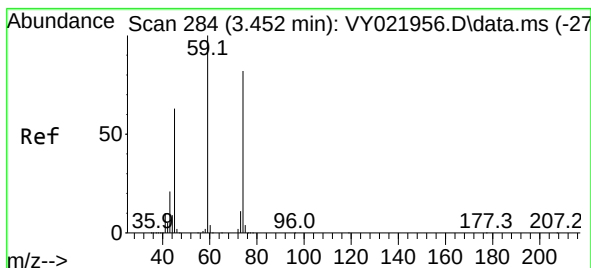
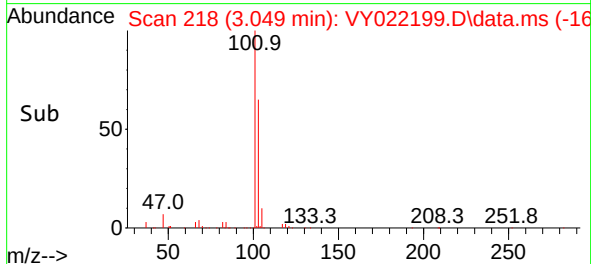
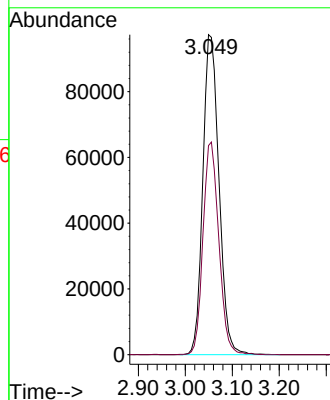
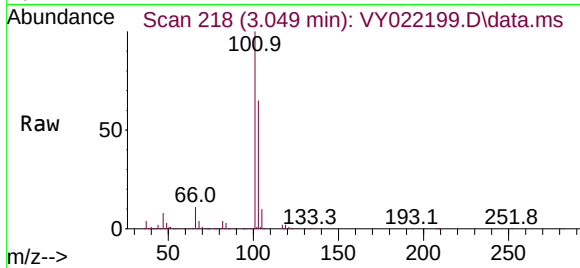




#7
Trichlorofluoromethane
Concen: 50.608 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022199.D
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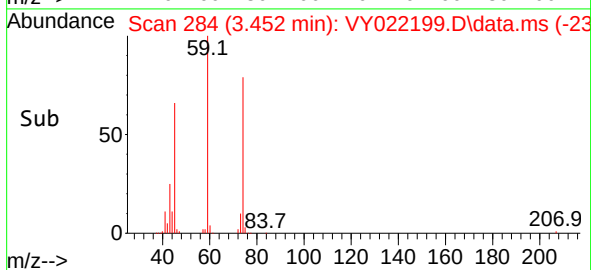
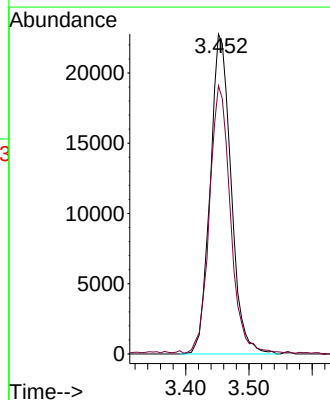
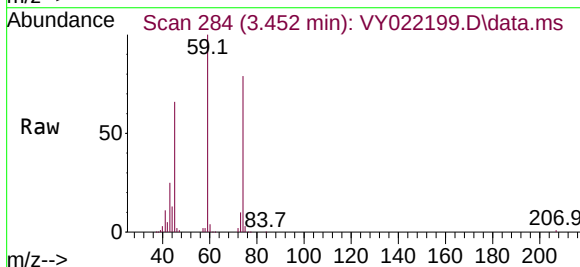
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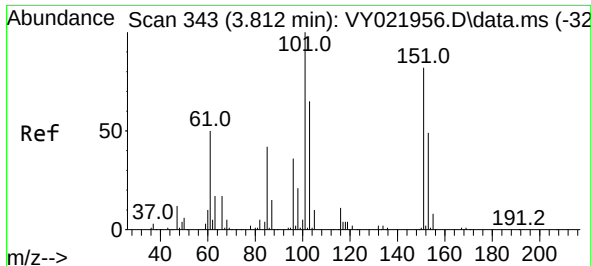
Tgt Ion:101 Resp: 231572
Ion Ratio Lower Upper
101 100
103 65.3 53.6 80.4



#8
Diethyl Ether
Concen: 43.795 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 52159
Ion Ratio Lower Upper
74 100
45 83.9 39.1 117.5

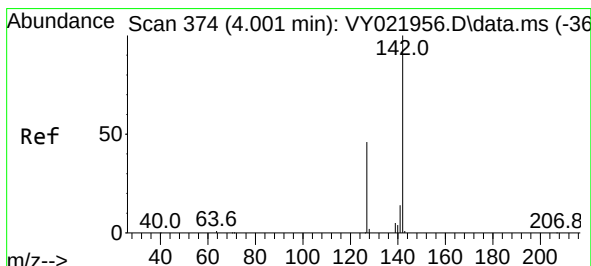
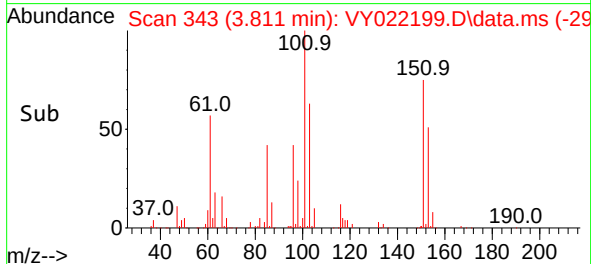
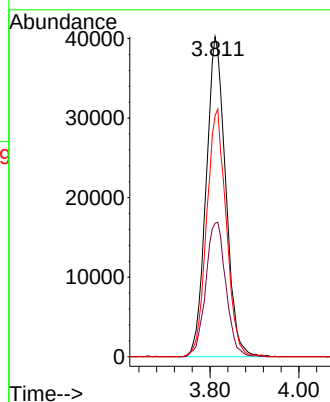
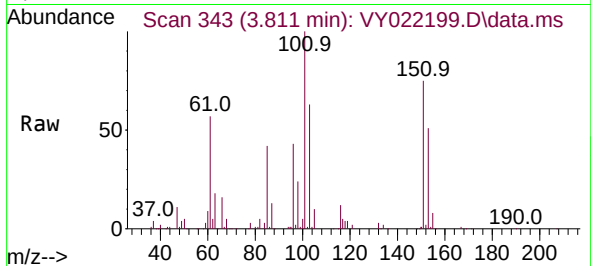




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.399 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022199.D
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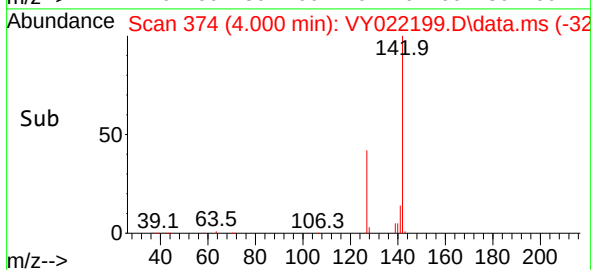
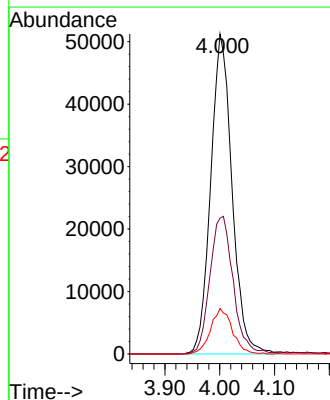
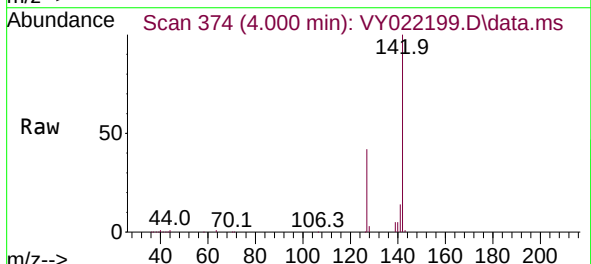
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

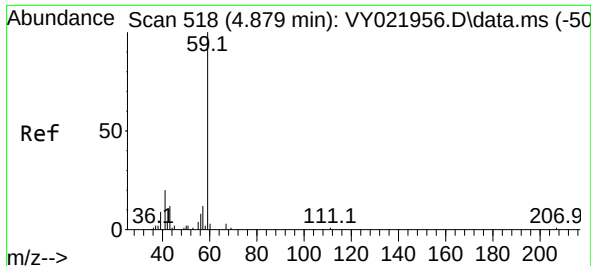
Tgt Ion:101 Resp: 122619
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 77.5 63.7 95.5



#10
Methyl Iodide
Concen: 48.121 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion:142 Resp: 138296
Ion Ratio Lower Upper
142 100
127 46.7 36.2 54.2
141 14.5 11.7 17.5

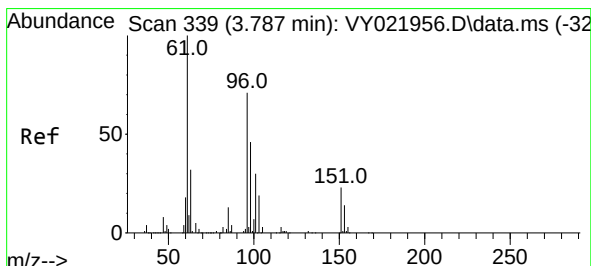
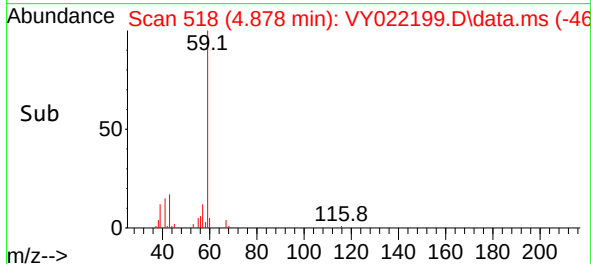
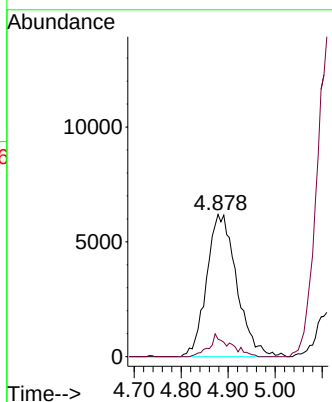
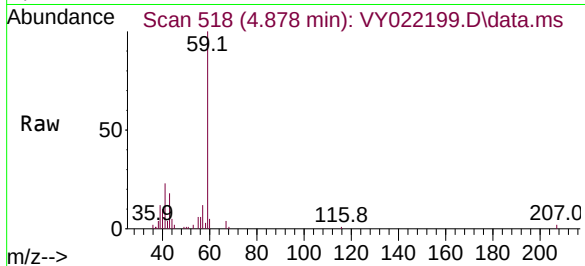




#11
Tert butyl alcohol
Concen: 232.682 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

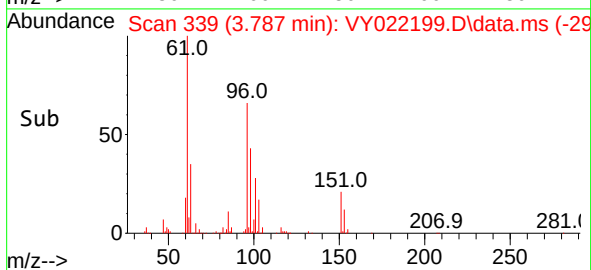
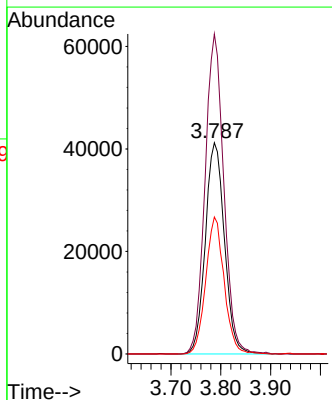
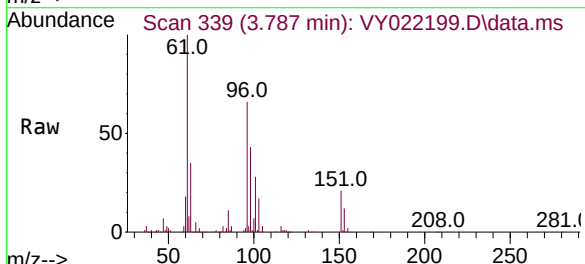
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

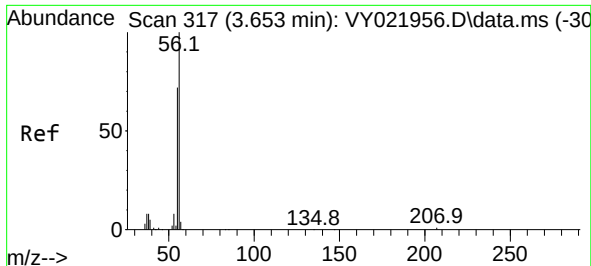
Tgt Ion: 59 Resp: 27461
Ion Ratio Lower Upper
59 100
57 11.2 9.3 13.9



#12
1,1-Dichloroethene
Concen: 47.485 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 96 Resp: 109865
Ion Ratio Lower Upper
96 100
61 151.5 113.0 169.4
98 64.8 51.4 77.2

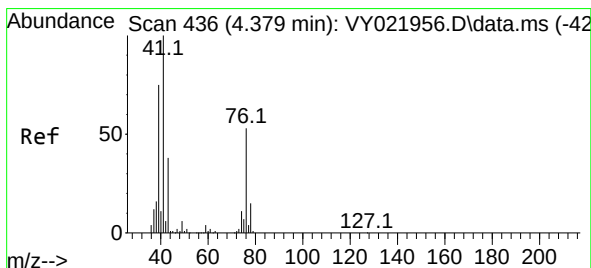
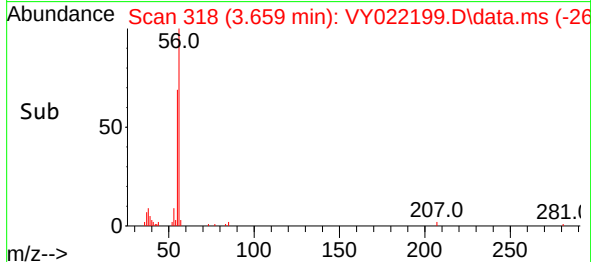
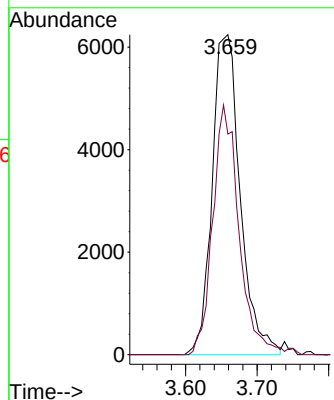
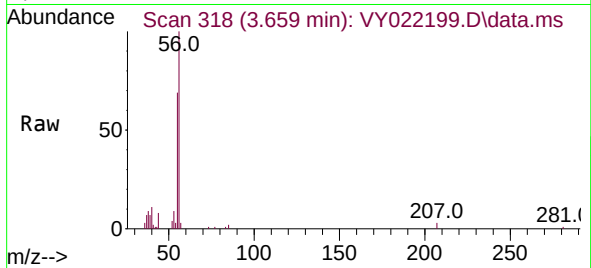




#13
Acrolein
Concen: 80.449 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

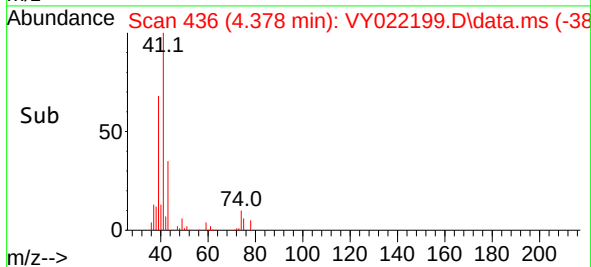
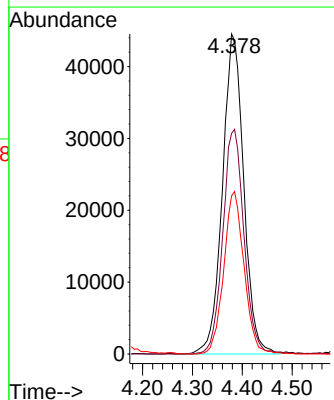
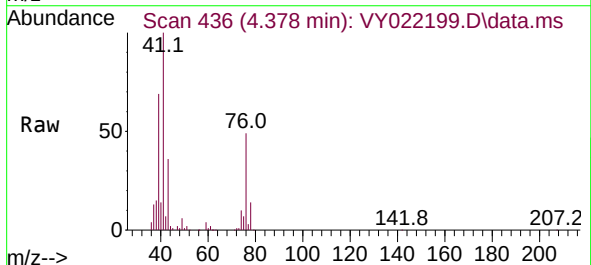
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

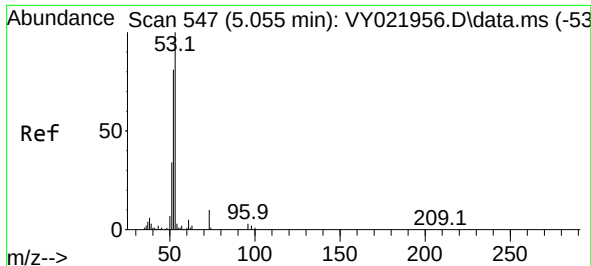
Tgt Ion: 56 Resp: 17041
Ion Ratio Lower Upper
56 100
55 72.8 57.4 86.0



#14
Allyl chloride
Concen: 48.921 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 41 Resp: 131793
Ion Ratio Lower Upper
41 100
39 70.1 57.2 85.8
76 48.6 39.7 59.5

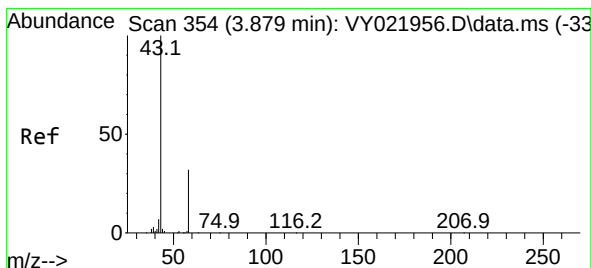
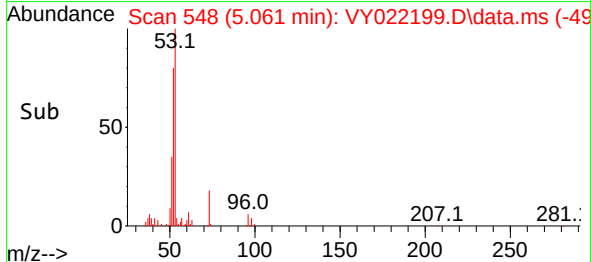
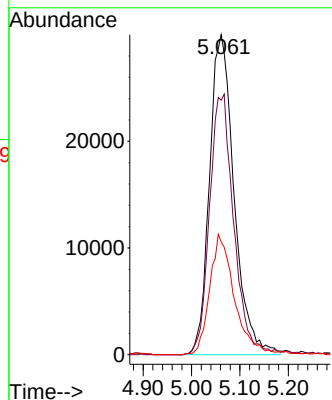
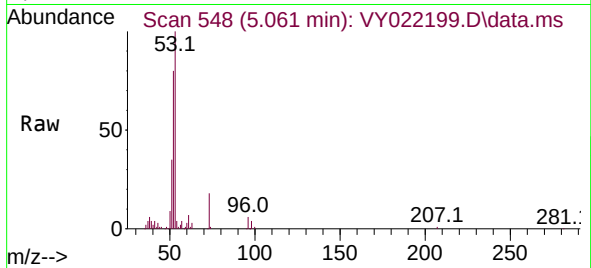




#15
Acrylonitrile
Concen: 242.861 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

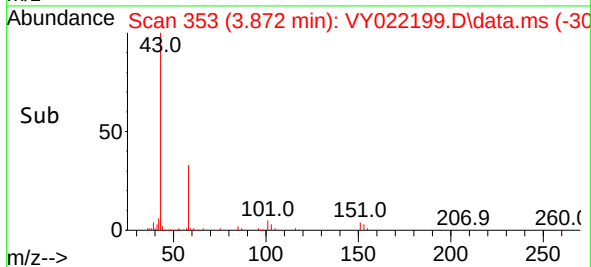
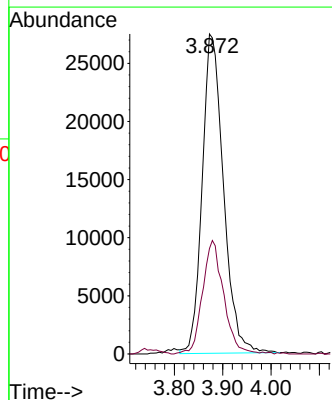
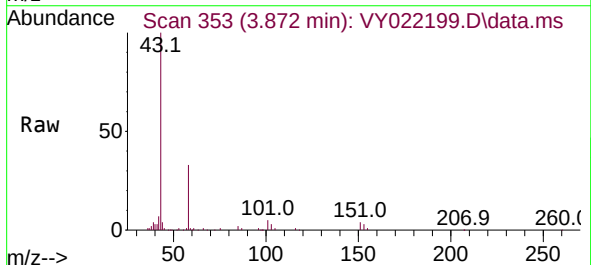
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

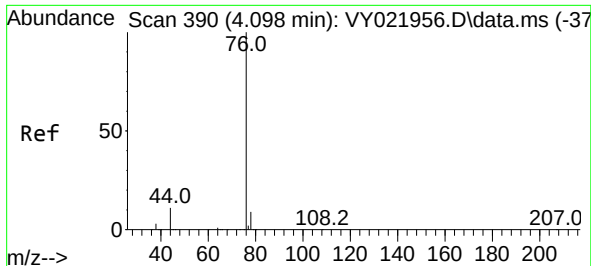
Tgt Ion: 53 Resp: 105888
Ion Ratio Lower Upper
53 100
52 80.0 65.0 97.6
51 37.6 28.9 43.3



#16
Acetone
Concen: 302.799 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 43 Resp: 83934
Ion Ratio Lower Upper
43 100
58 32.9 27.0 40.4

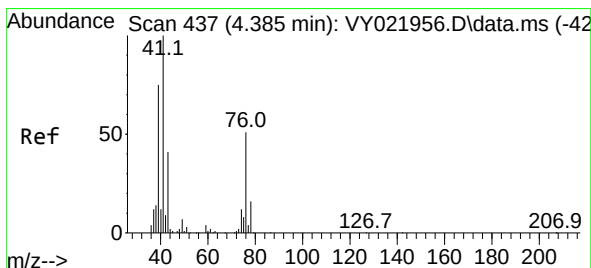
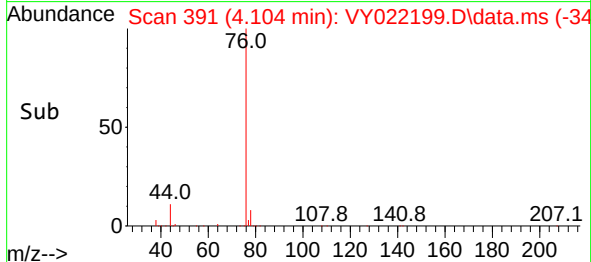
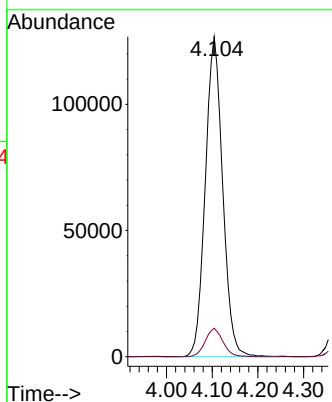
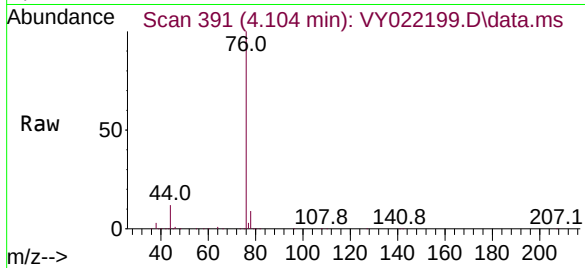




#17
Carbon Disulfide
Concen: 45.374 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

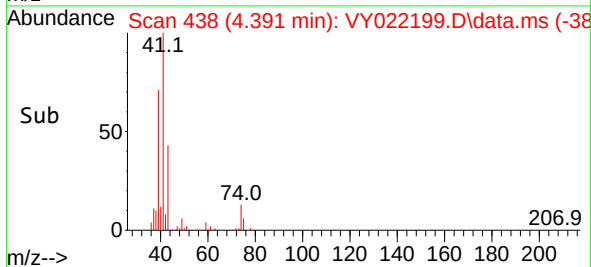
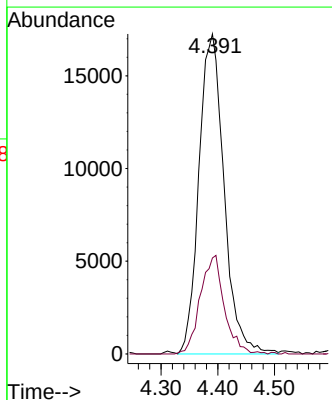
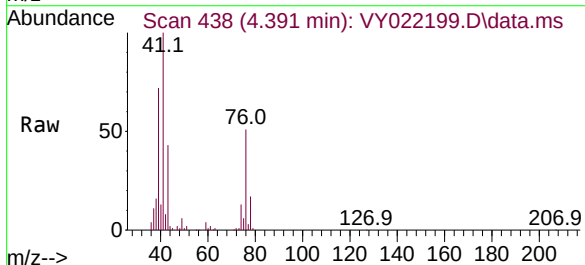
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

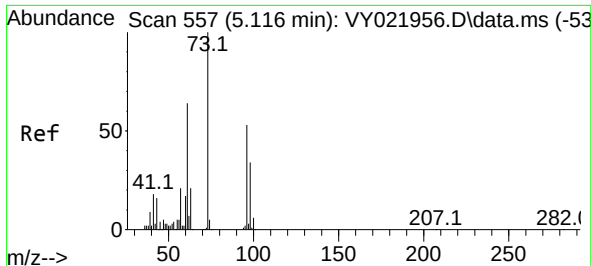
Tgt Ion: 76 Resp: 334723
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 52.785 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 43 Resp: 53007
Ion Ratio Lower Upper
43 100
74 29.3 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 48.518 ug/l

RT: 5.116 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

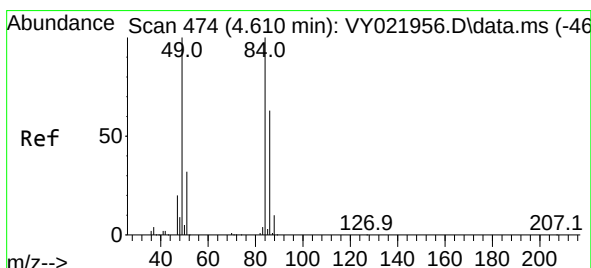
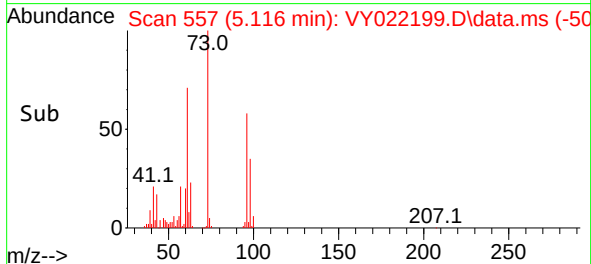
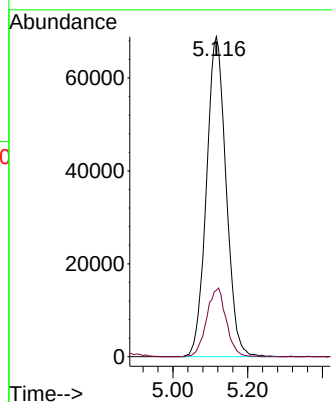
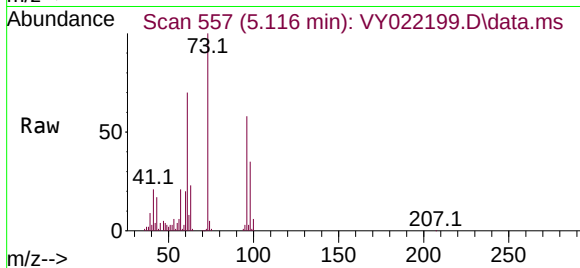
VSTDCCC050

Tgt Ion: 73 Resp: 251248

Ion Ratio Lower Upper

73 100

57 20.7 16.9 25.3



#20

Methylene Chloride

Concen: 45.609 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Tgt Ion: 84 Resp: 123979

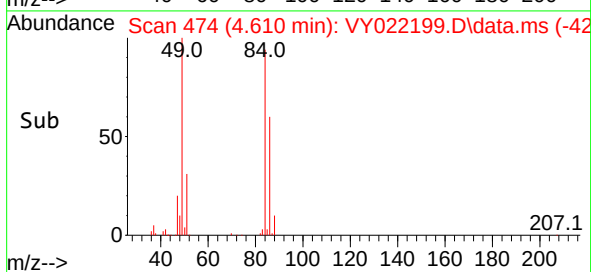
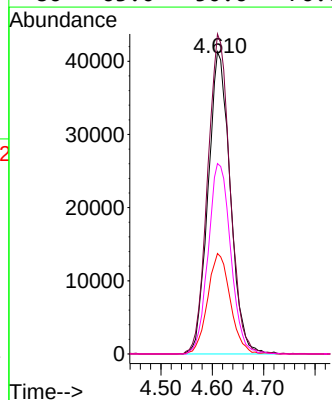
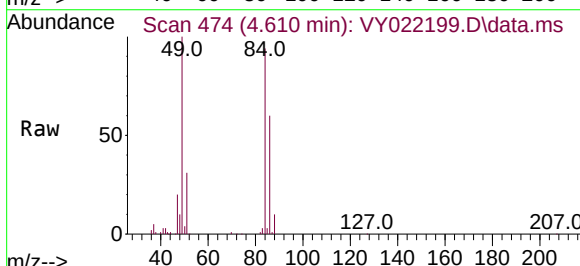
Ion Ratio Lower Upper

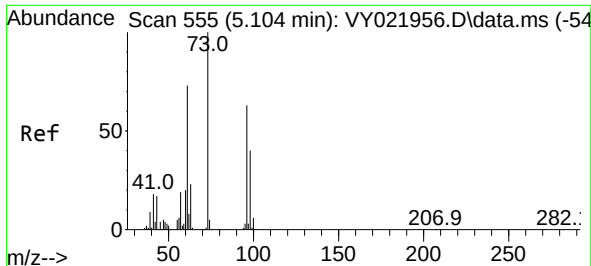
84 100

49 105.8 79.9 119.9

51 33.3 25.4 38.0

86 63.0 50.6 76.0

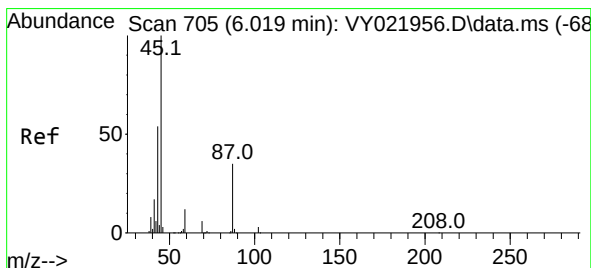
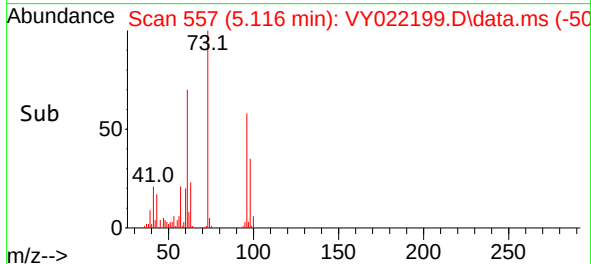
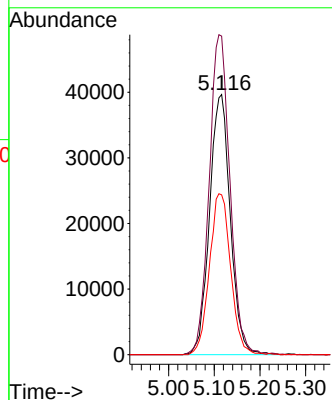
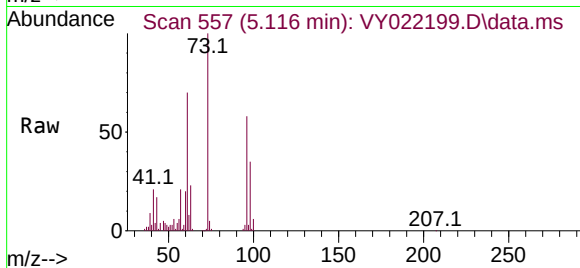




#21
trans-1,2-Dichloroethene
Concen: 48.279 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

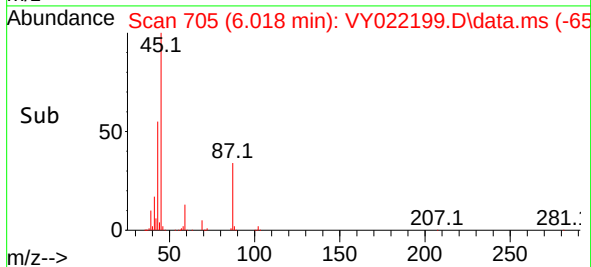
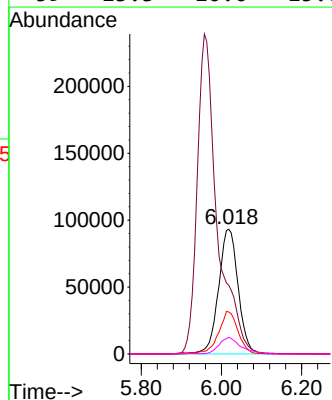
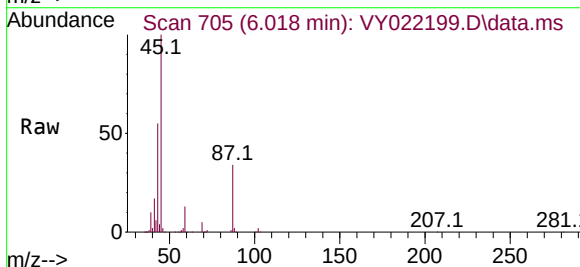
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

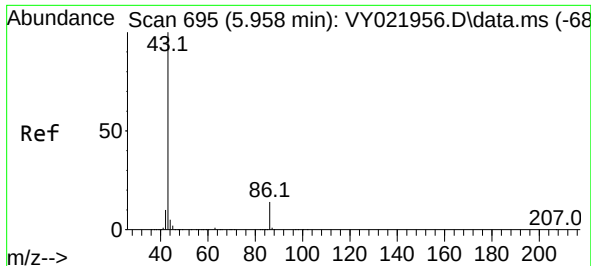
Tgt Ion: 96 Resp: 125098
Ion Ratio Lower Upper
96 100
61 122.5 92.6 138.8
98 61.4 50.2 75.4



#22
Diisopropyl ether
Concen: 52.617 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 45 Resp: 315447
Ion Ratio Lower Upper
45 100
43 54.8 43.6 65.4
87 33.6 28.2 42.4
59 13.3 10.0 15.0

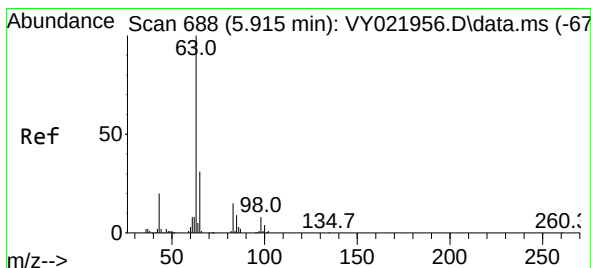
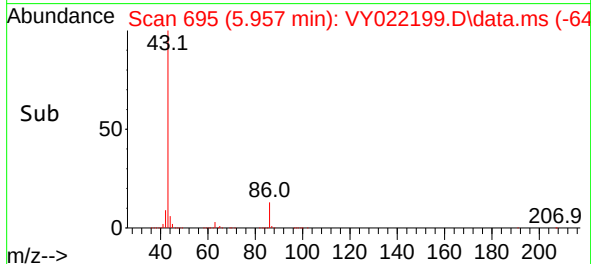
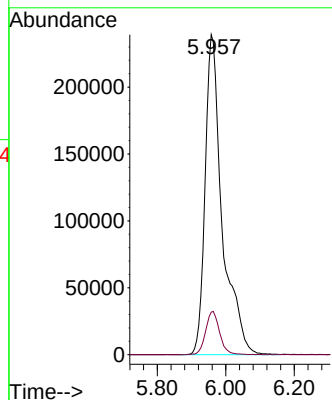
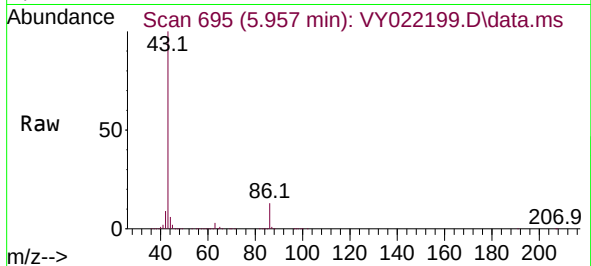




#23
 Vinyl Acetate
 Concen: 257.144 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022199.D
 Acq: 08 May 2025 09:18

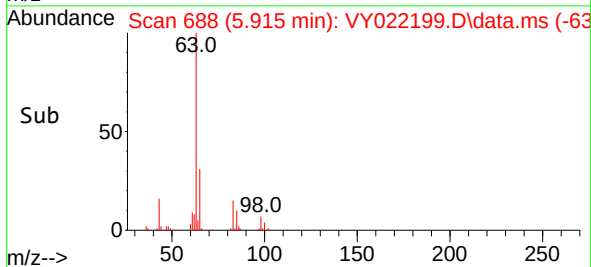
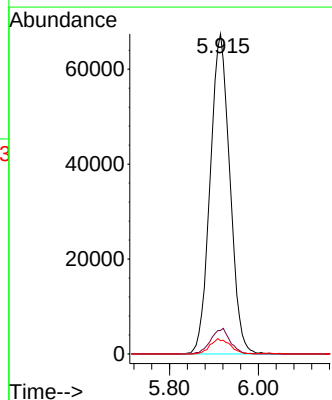
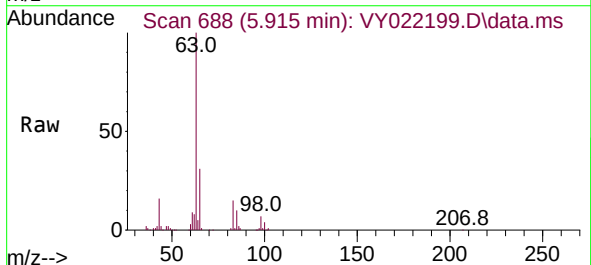
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

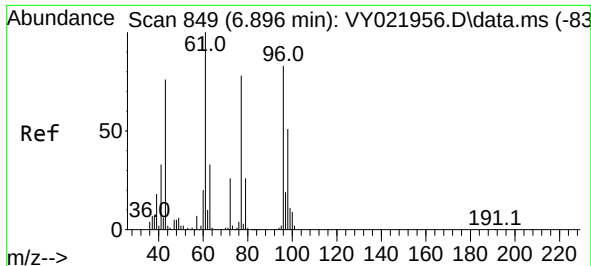
Tgt Ion: 43 Resp: 830835
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 49.911 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022199.D
 Acq: 08 May 2025 09:18

Tgt Ion: 63 Resp: 207410
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 11.9
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 255.529 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

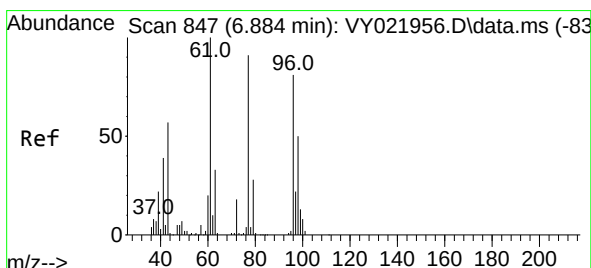
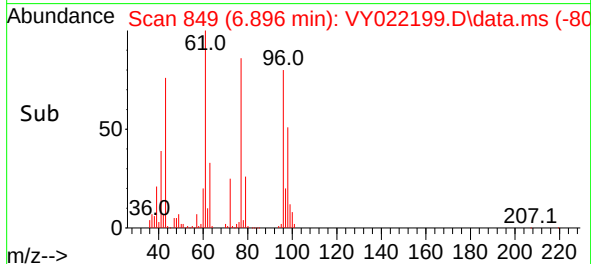
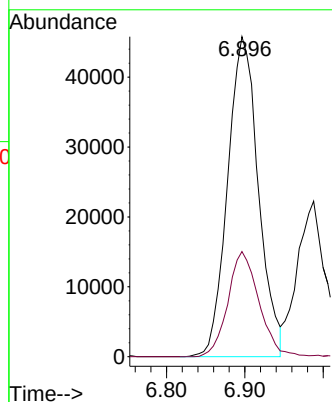
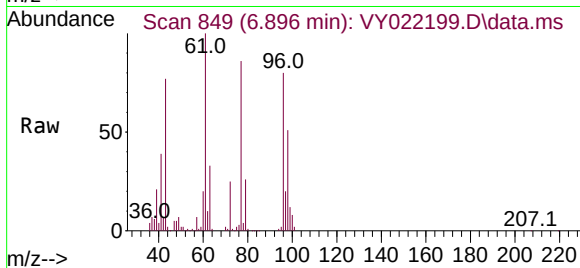
VSTDCCC050

Tgt Ion: 43 Resp: 125216

Ion Ratio Lower Upper

43 100

72 32.9 27.0 40.4



#26

2,2-Dichloropropane

Concen: 52.337 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022199.D

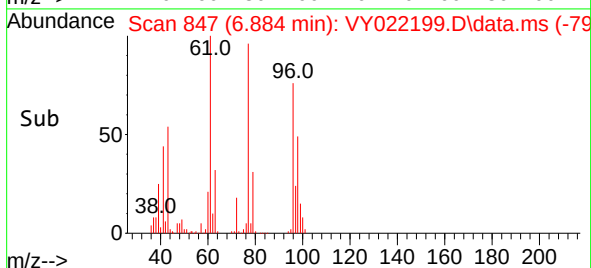
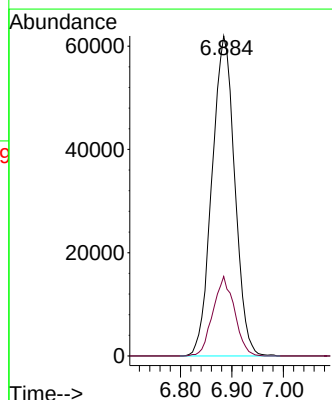
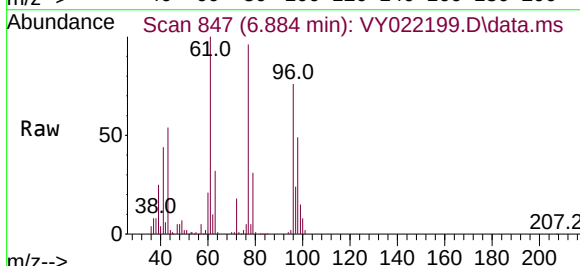
Acq: 08 May 2025 09:18

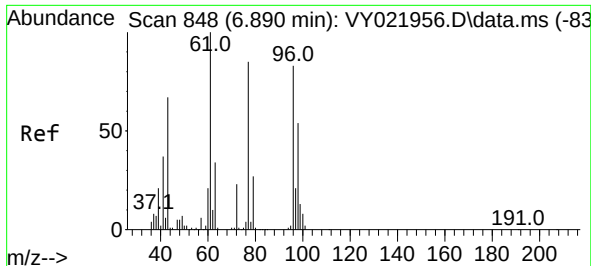
Tgt Ion: 77 Resp: 190625

Ion Ratio Lower Upper

77 100

97 23.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 47.794 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

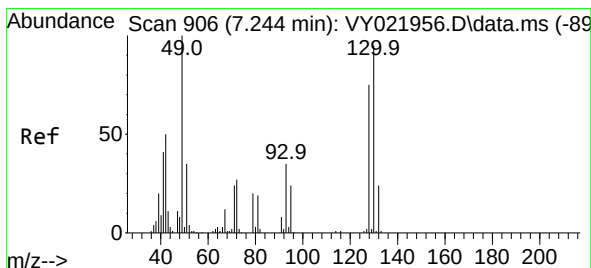
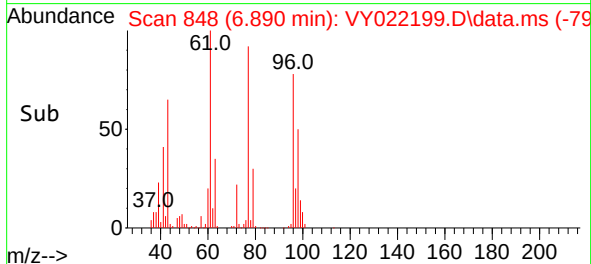
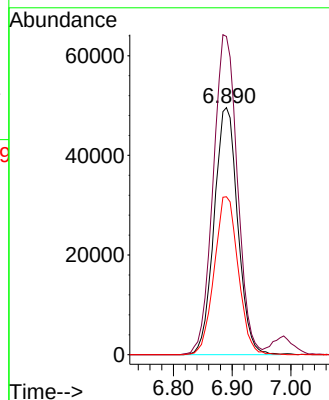
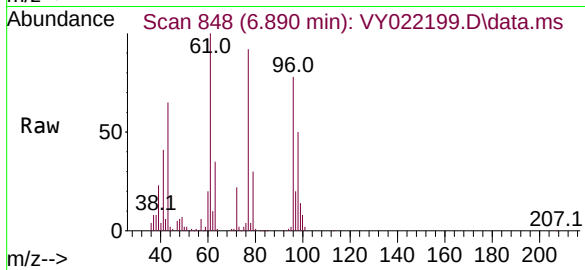
Tgt Ion: 96 Resp: 138473

Ion Ratio Lower Upper

96 100

61 132.9 0.0 251.4

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 48.683 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

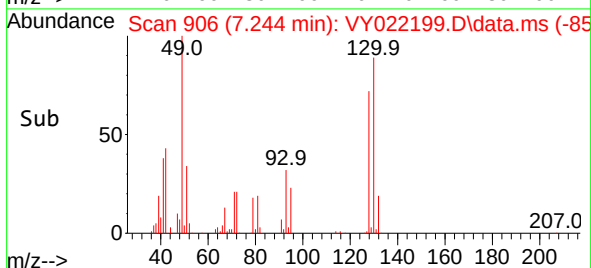
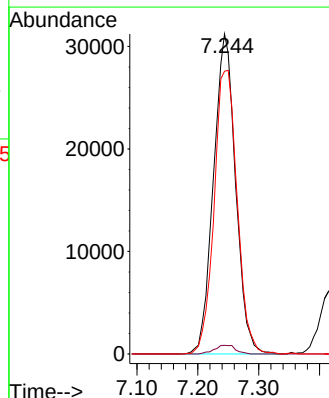
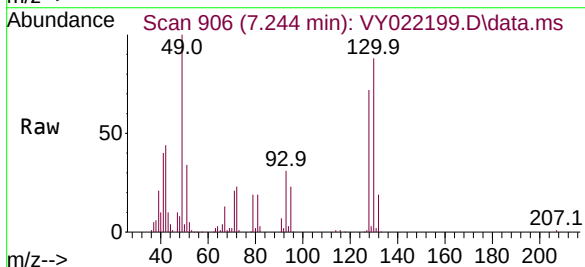
Tgt Ion: 49 Resp: 78580

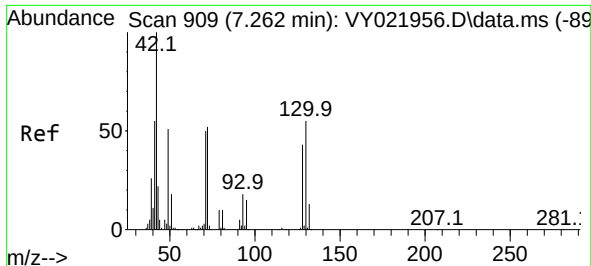
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

130 92.5 78.2 117.4





#29

Tetrahydrofuran

Concen: 253.400 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

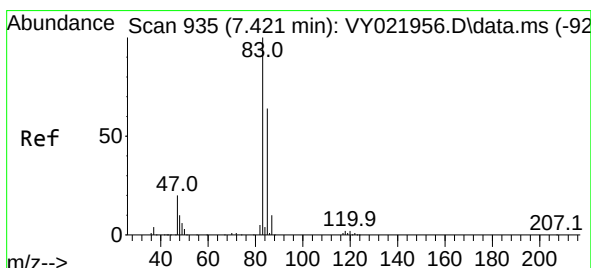
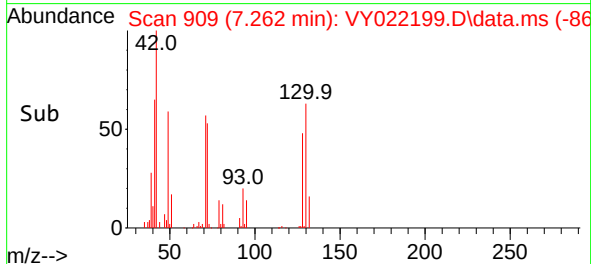
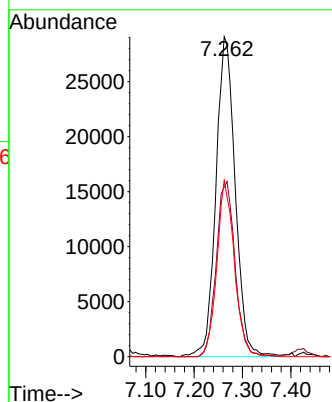
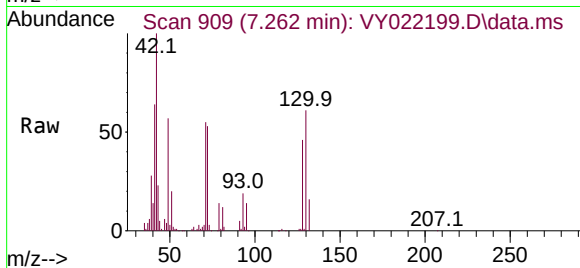
Tgt Ion: 42 Resp: 80648

Ion Ratio Lower Upper

42 100

72 53.5 42.6 63.8

71 50.1 40.6 61.0



#30

Chloroform

Concen: 50.208 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022199.D

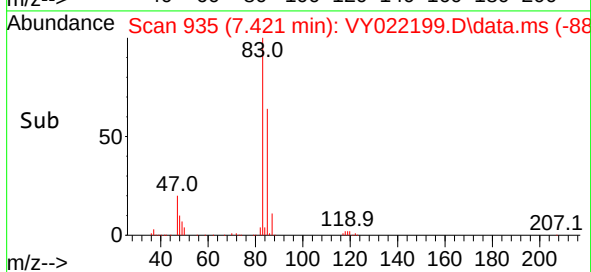
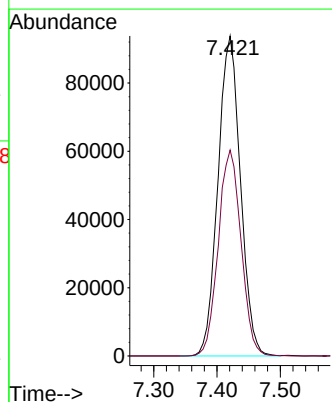
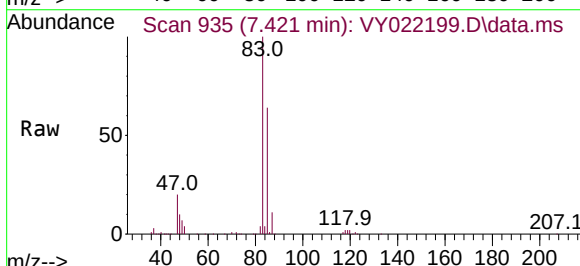
Acq: 08 May 2025 09:18

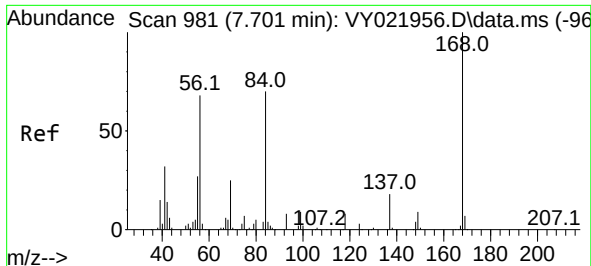
Tgt Ion: 83 Resp: 231432

Ion Ratio Lower Upper

83 100

85 64.3 51.3 76.9

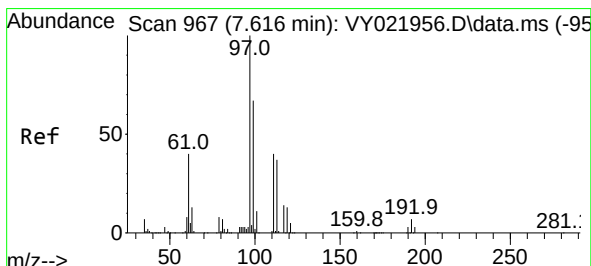
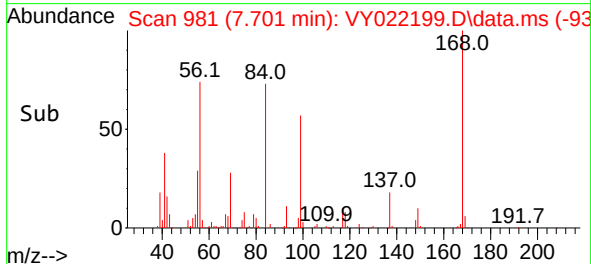
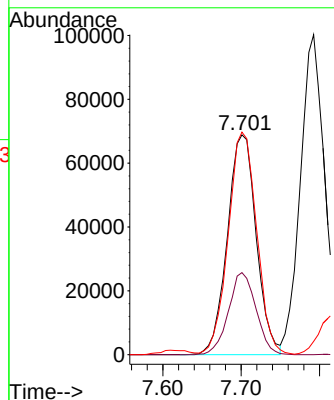
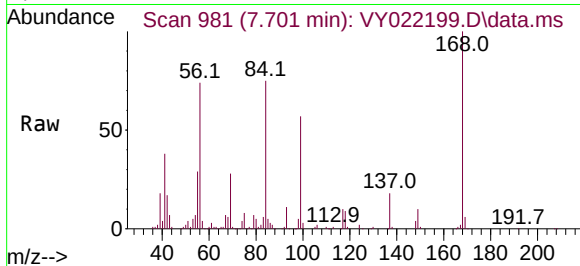




#31
Cyclohexane
Concen: 49.692 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

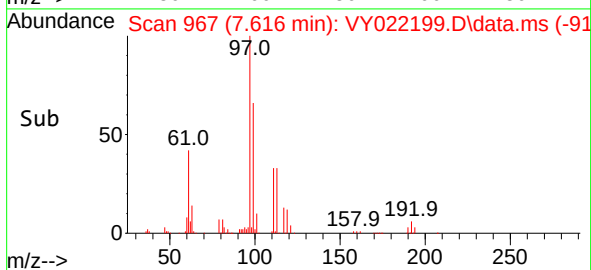
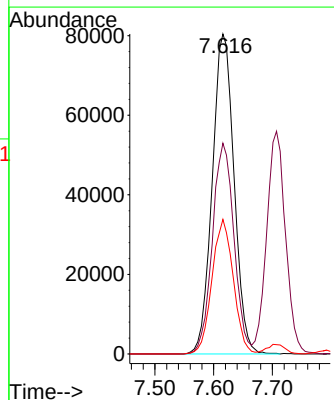
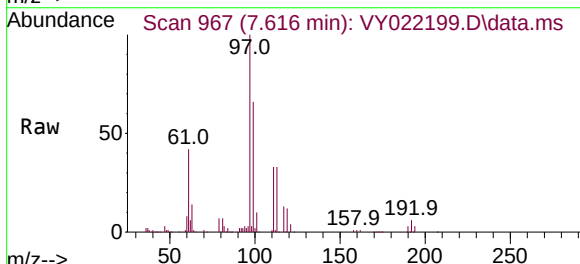
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

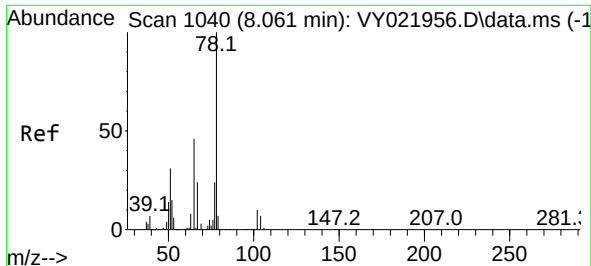
Tgt Ion: 56 Resp: 176591
Ion Ratio Lower Upper
56 100
69 37.3 29.4 44.2
84 99.4 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 49.719 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 97 Resp: 207343
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 41.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.287 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

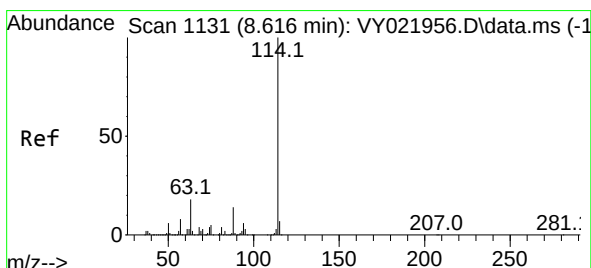
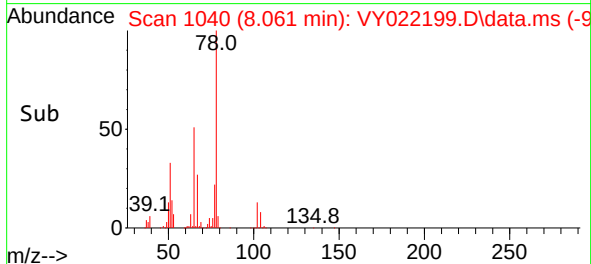
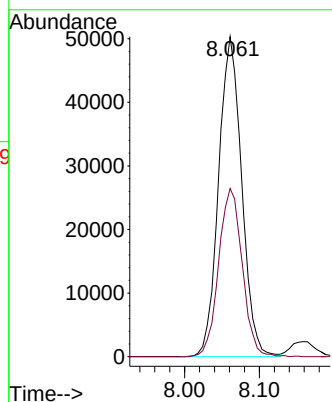
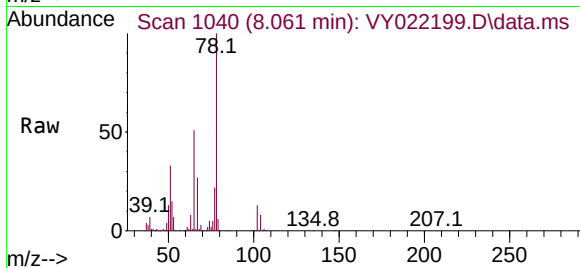
VSTDCCC050

Tgt Ion: 65 Resp: 108105

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

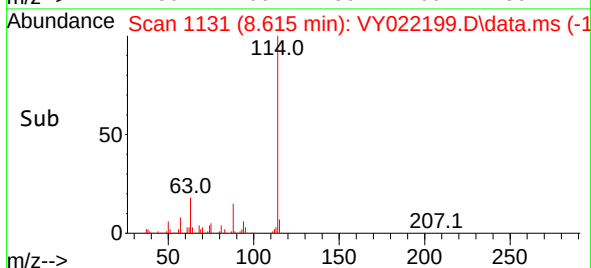
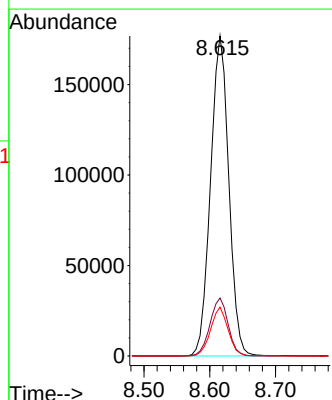
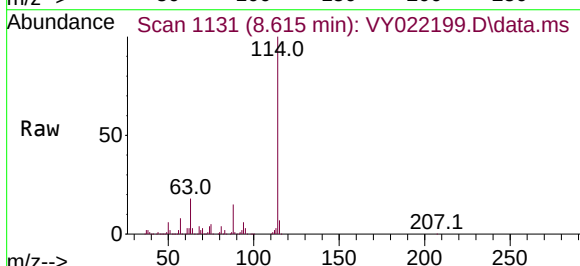
Tgt Ion: 114 Resp: 341854

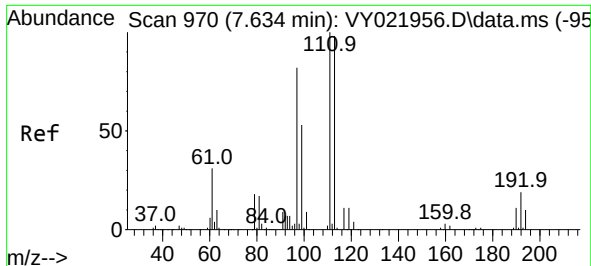
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.4

88 15.3 0.0 28.2

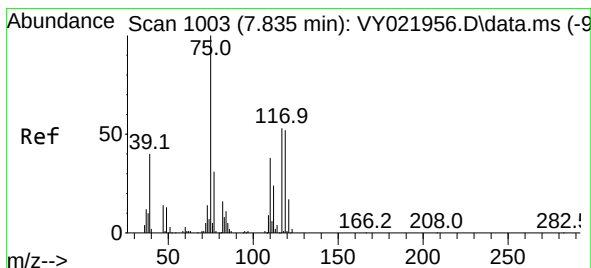
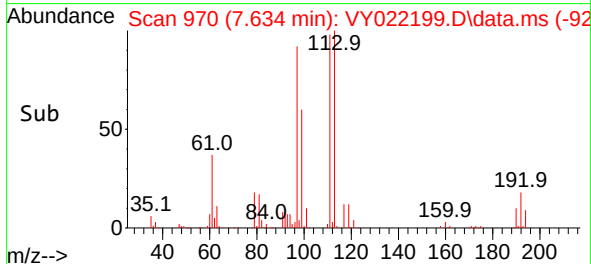
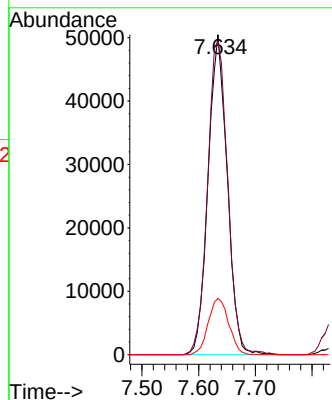
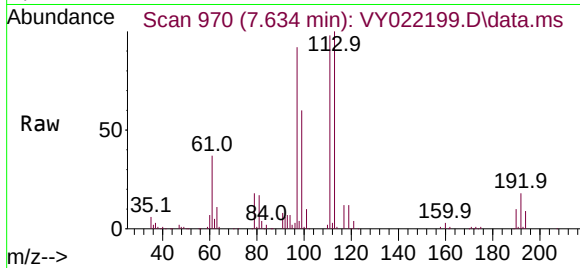




#35
Dibromofluoromethane
Concen: 52.363 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

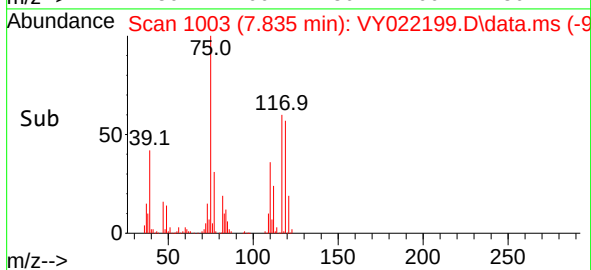
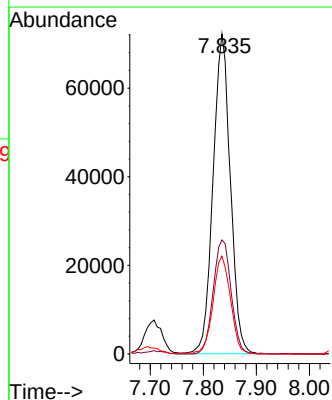
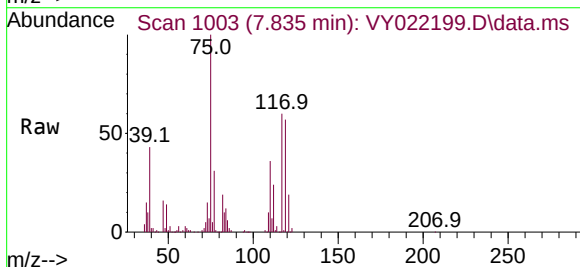
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

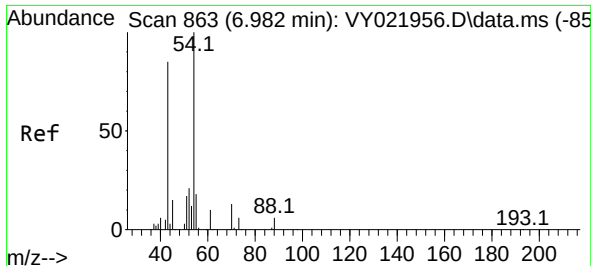
Tgt Ion:113 Resp: 118261
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 18.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 53.901 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 75 Resp: 163521
Ion Ratio Lower Upper
75 100
110 36.9 19.1 57.3
77 31.0 25.5 38.3

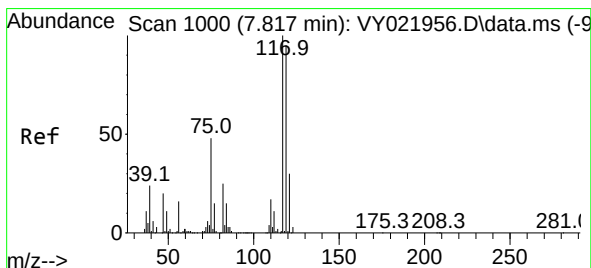
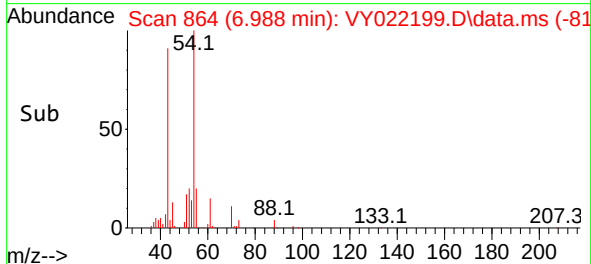
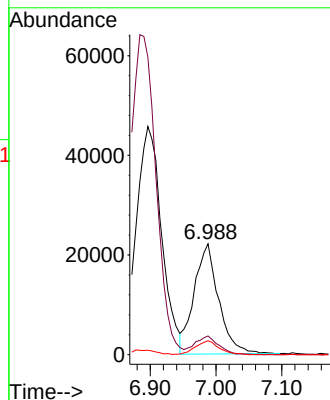
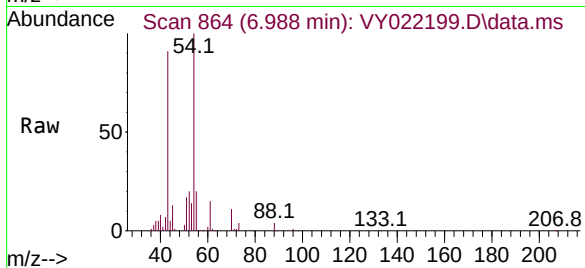




#37
Ethyl Acetate
Concen: 52.657 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

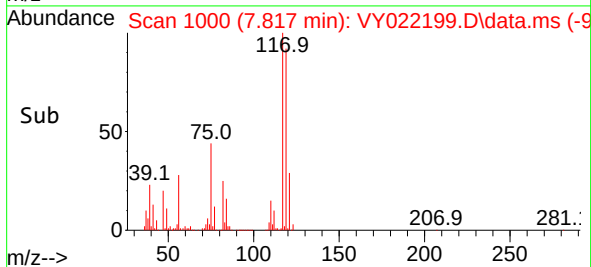
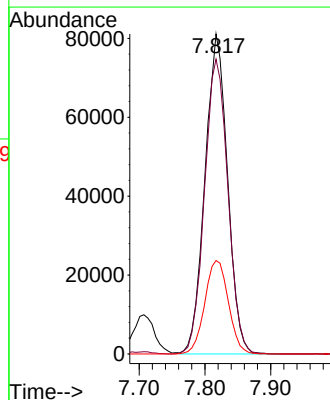
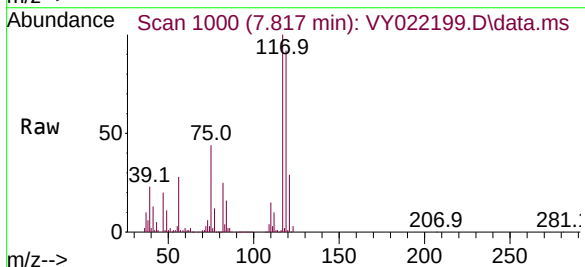
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

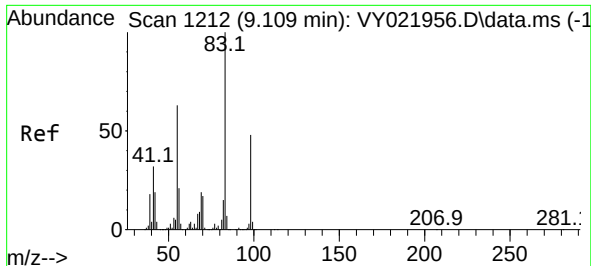
Tgt Ion: 43 Resp: 57373
Ion Ratio Lower Upper
43 100
61 16.5 13.8 20.6
70 12.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 53.463 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 117 Resp: 193808
Ion Ratio Lower Upper
117 100
119 92.1 76.2 114.4
121 29.2 24.0 36.0





#39

Methylcyclohexane

Concen: 53.566 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

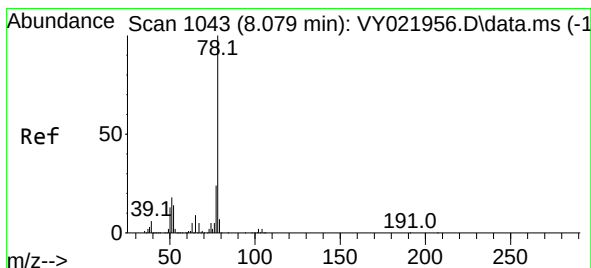
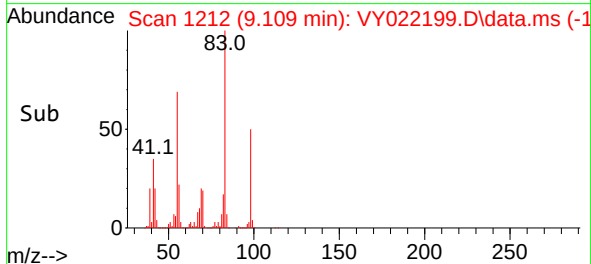
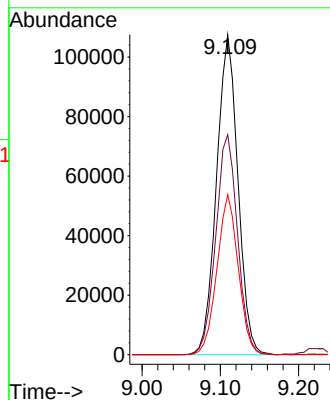
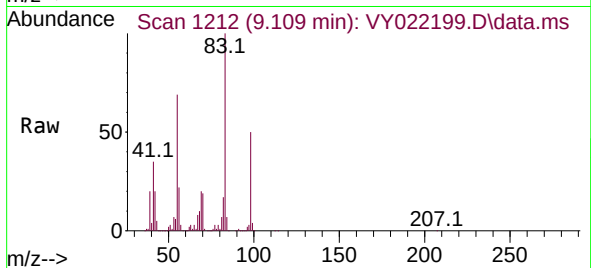
Tgt Ion: 83 Resp: 204504

Ion Ratio Lower Upper

83 100

55 68.8 50.6 75.8

98 50.0 38.6 58.0



#40

Benzene

Concen: 52.632 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022199.D

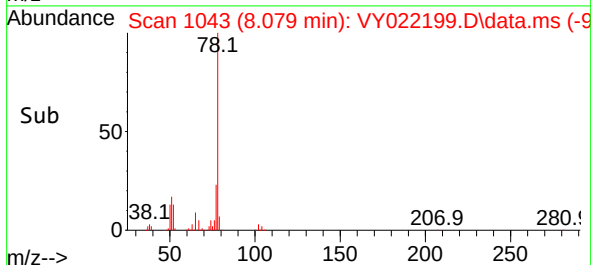
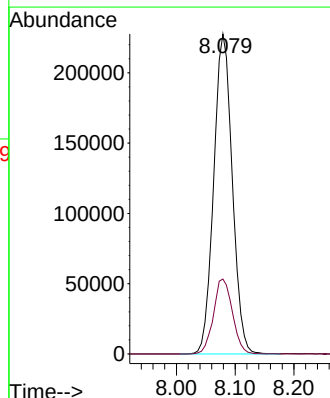
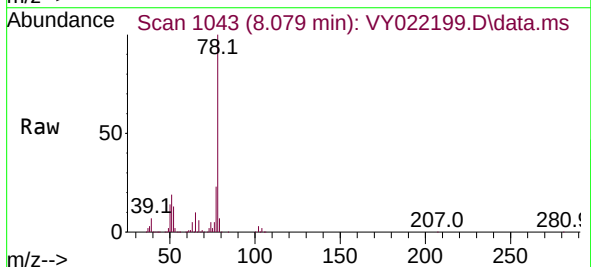
Acq: 08 May 2025 09:18

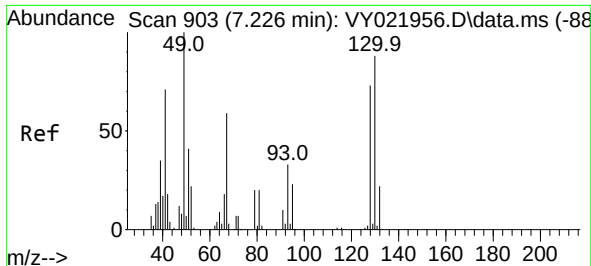
Tgt Ion: 78 Resp: 499128

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9



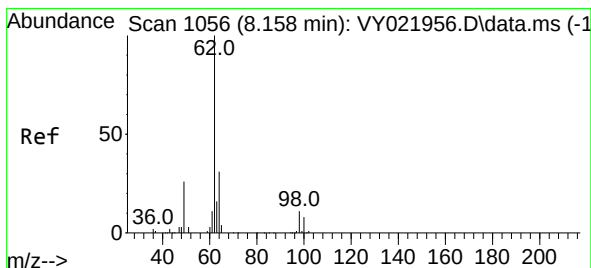
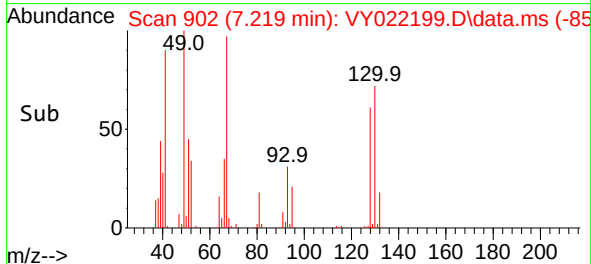
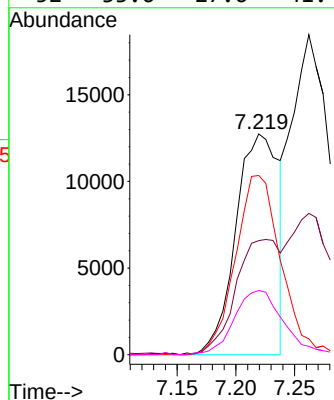
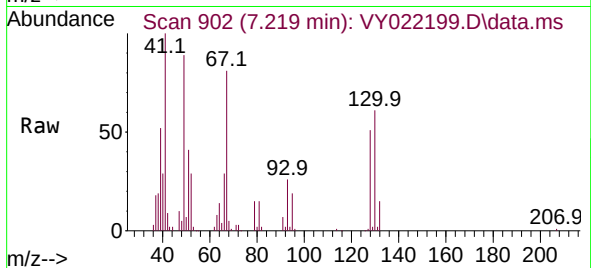


#41
Methacrylonitrile
Concen: 54.364 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 32380

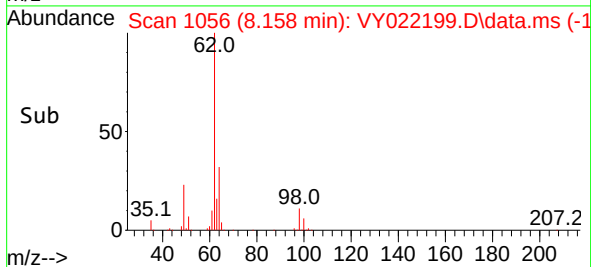
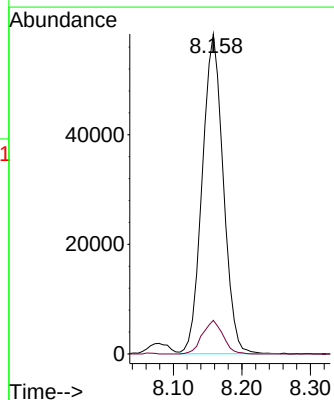
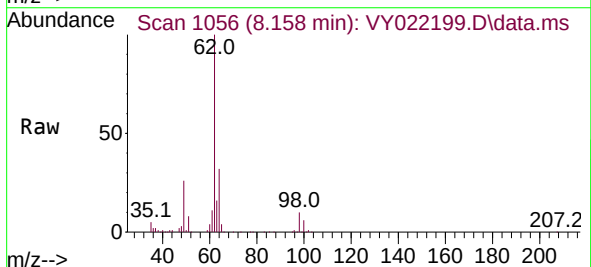
Ion	Ratio	Lower	Upper
41	100		
39	53.6	36.6	55.0
67	86.5	72.2	108.4
52	33.6	27.6	41.4

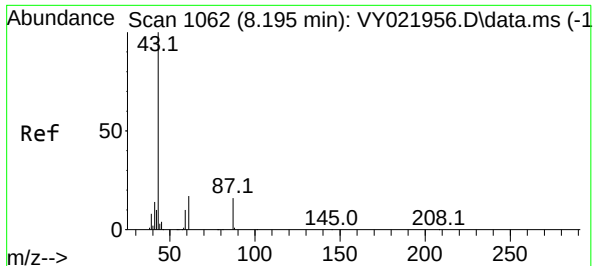


#42
1,2-Dichloroethane
Concen: 53.048 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 62 Resp: 124554

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0

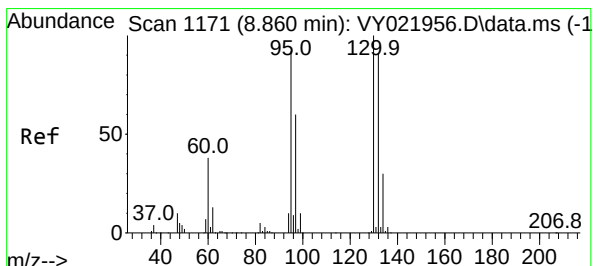
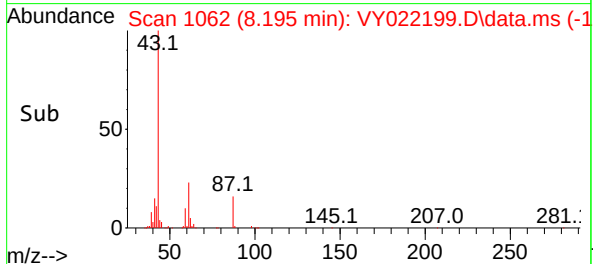
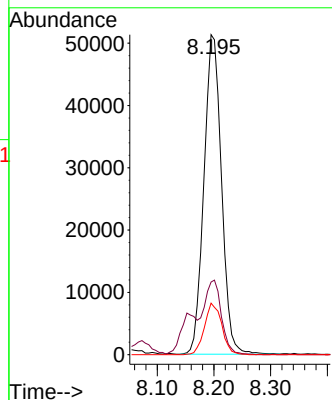
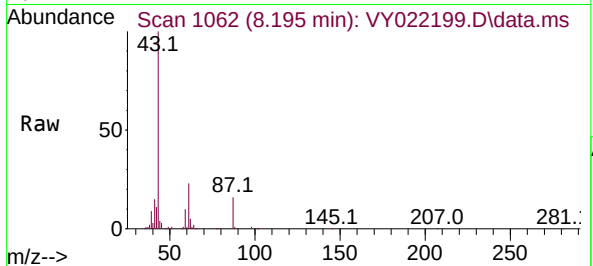




#43
Isopropyl Acetate
Concen: 52.733 ug/l
RT: 8.195 min Scan# 110339
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

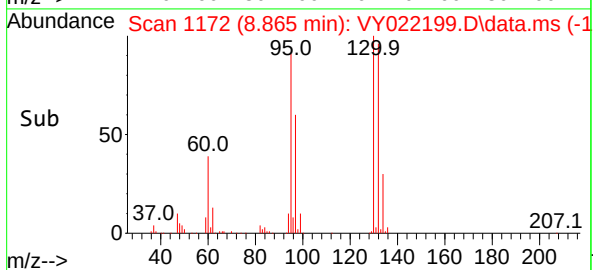
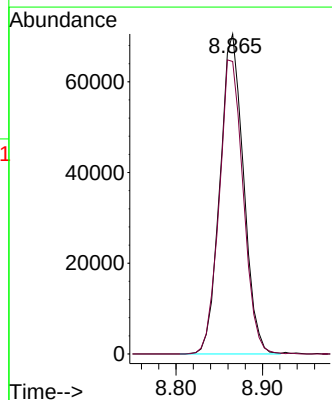
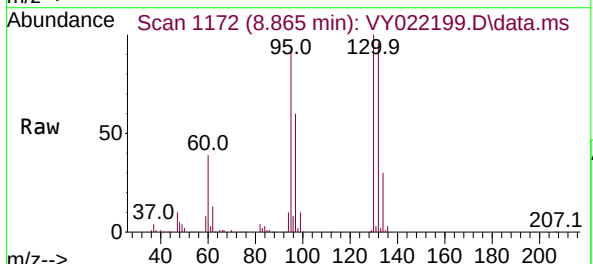
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

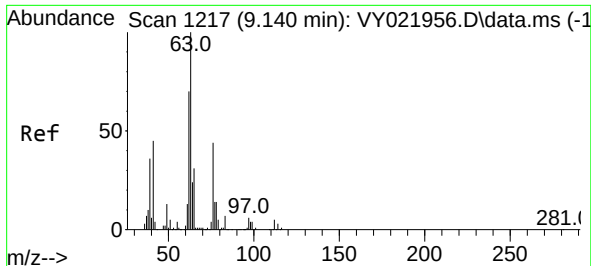
Tgt Ion: 43 Resp: 110339
Ion Ratio Lower Upper
43 100
61 23.5 18.9 28.3
87 15.9 13.7 20.5



#44
Trichloroethene
Concen: 50.766 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion:130 Resp: 133349
Ion Ratio Lower Upper
130 100
95 91.4 0.0 183.2





#45

1,2-Dichloropropane

Concen: 53.749 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

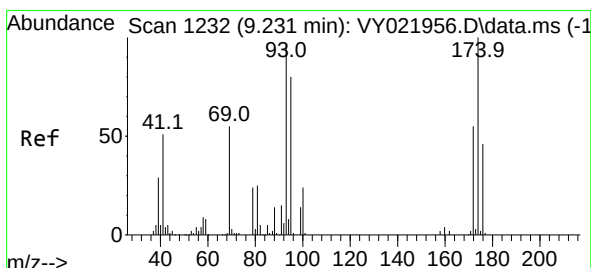
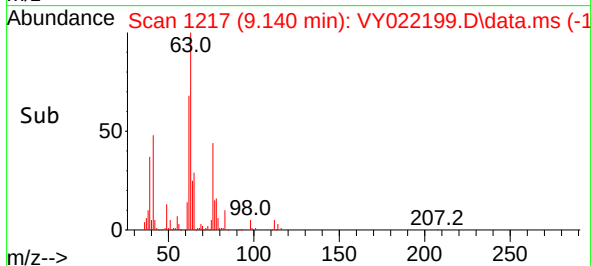
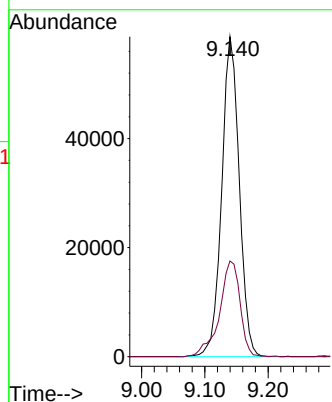
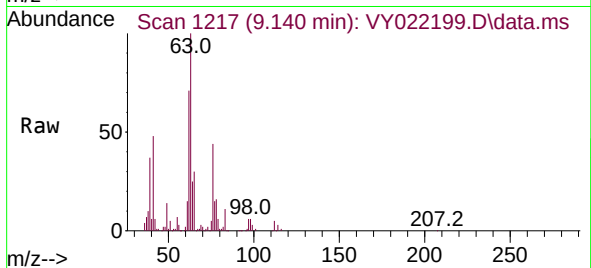
VSTDCCC050

Tgt Ion: 63 Resp: 112721

Ion Ratio Lower Upper

63 100

65 29.9 25.2 37.8



#46

Dibromomethane

Concen: 51.881 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

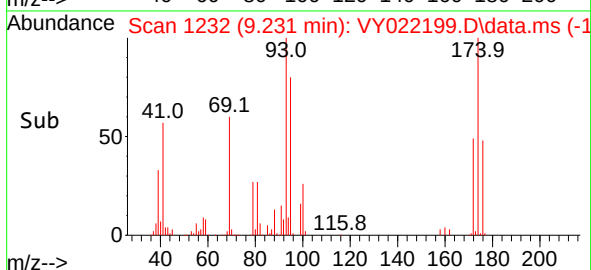
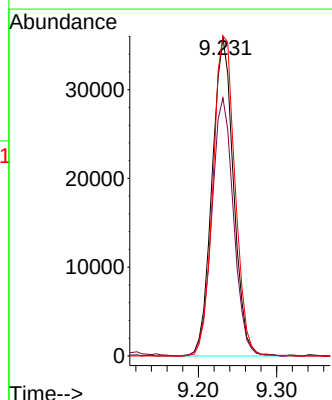
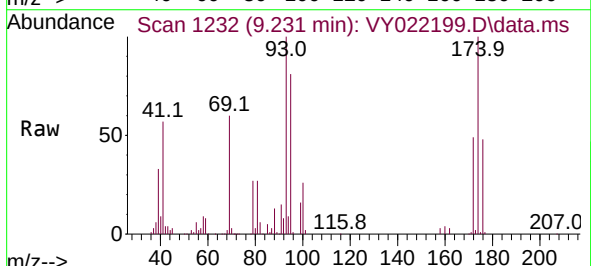
Tgt Ion: 93 Resp: 68110

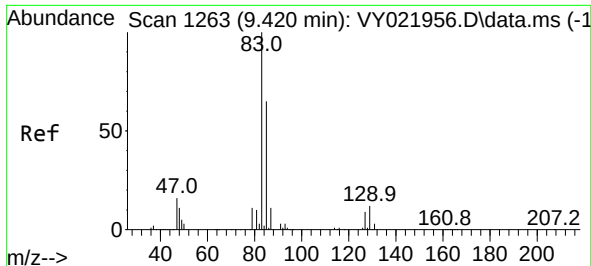
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 103.4 84.6 127.0

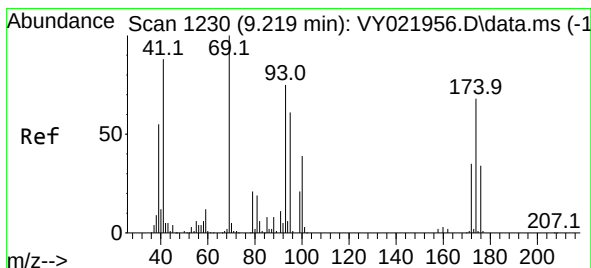
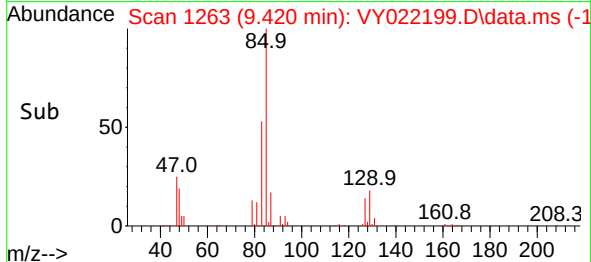
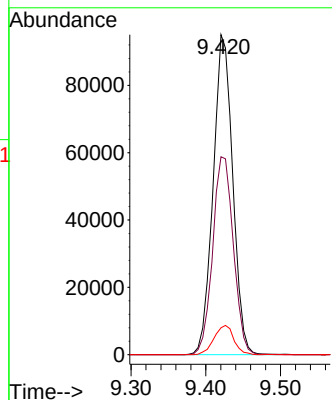
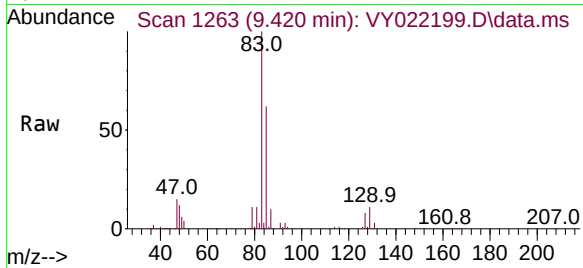




#47
Bromodichloromethane
Concen: 52.950 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

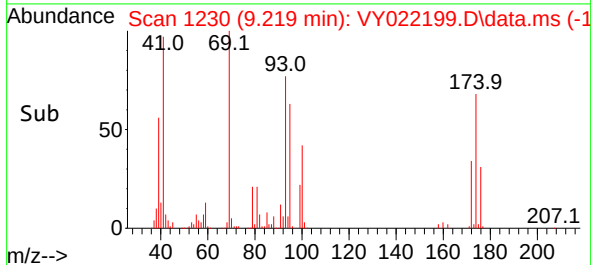
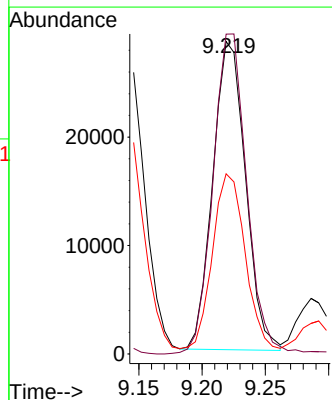
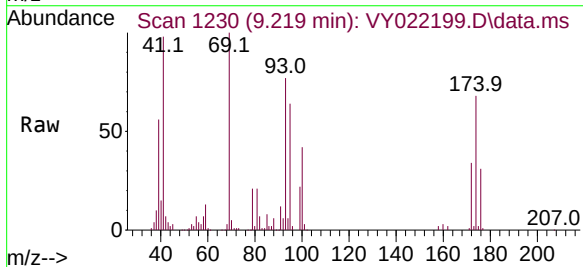
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

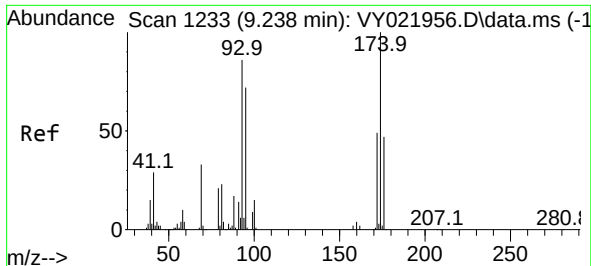
Tgt Ion: 83 Resp: 173657
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.8
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 52.906 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 41 Resp: 51176
Ion Ratio Lower Upper
41 100
69 107.2 85.5 128.3
39 56.4 46.2 69.4





#49

1,4-Dioxane

Concen: 989.242 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

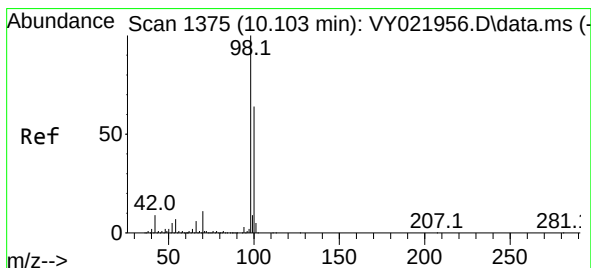
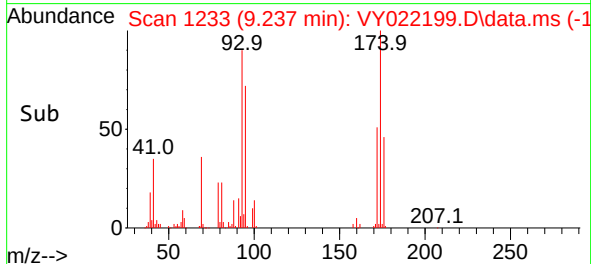
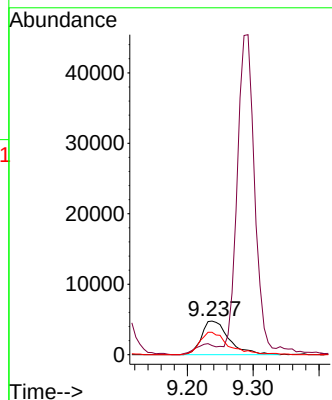
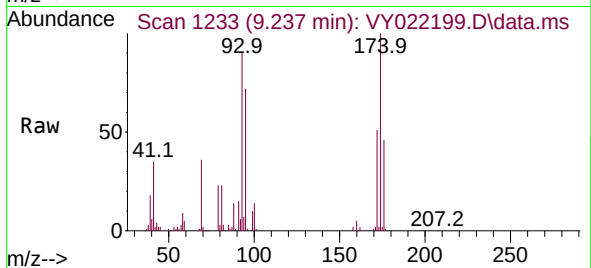
Tgt Ion: 88 Resp: 13842

Ion Ratio Lower Upper

88 100

43 22.9 21.3 31.9

58 68.4 50.5 75.7



#50

Toluene-d8

Concen: 54.735 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022199.D

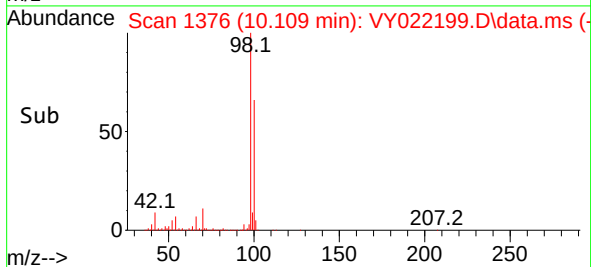
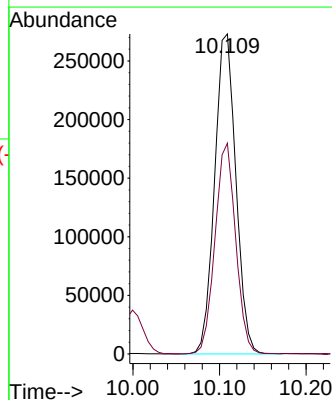
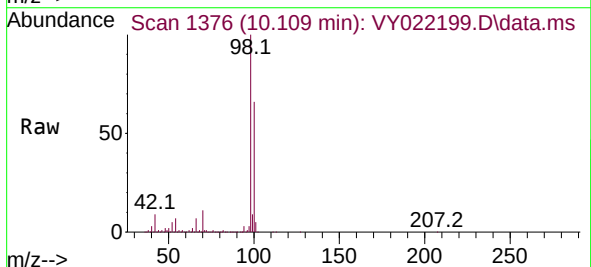
Acq: 08 May 2025 09:18

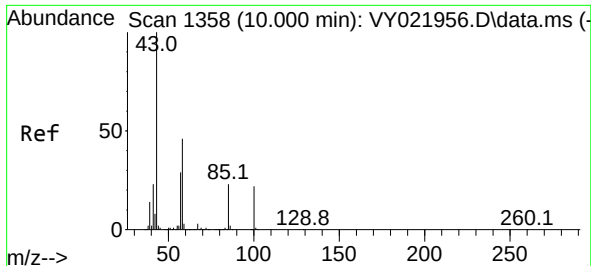
Tgt Ion: 98 Resp: 466034

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

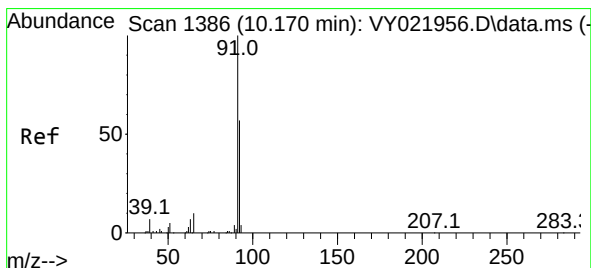
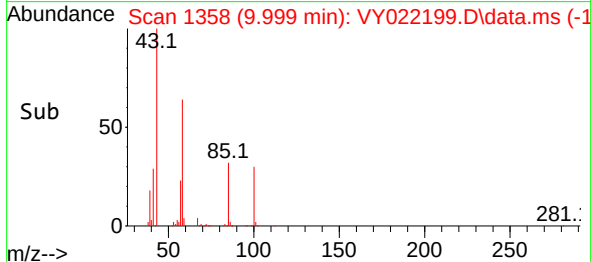
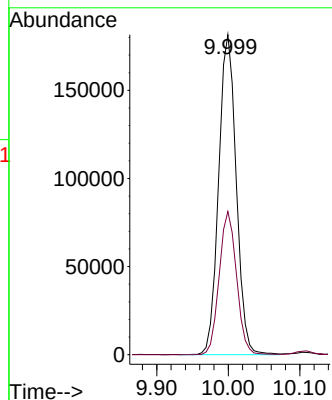
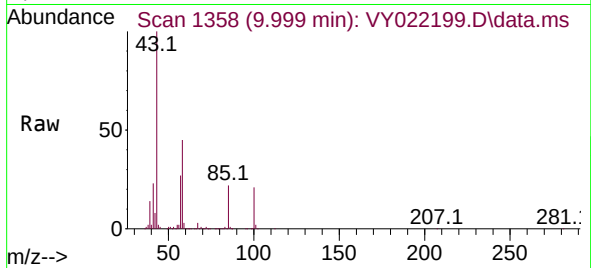




#51
4-Methyl-2-Pentanone
Concen: 282.683 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

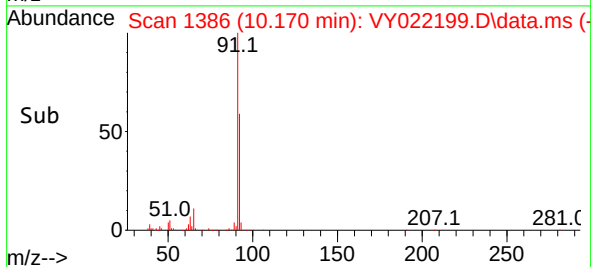
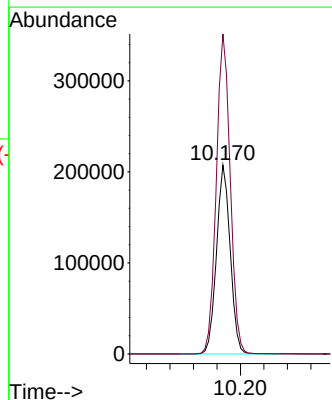
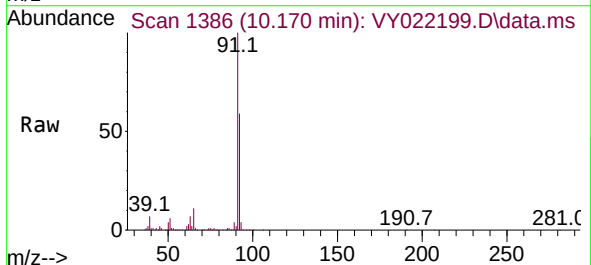
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

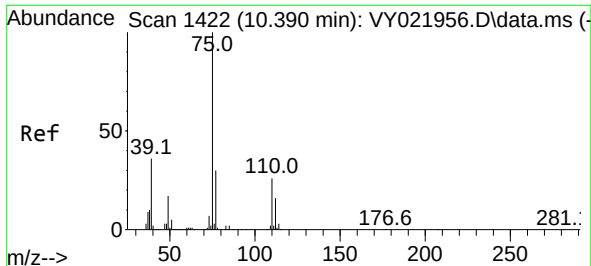
Tgt Ion: 43 Resp: 310068
Ion Ratio Lower Upper
43 100
58 44.1 36.6 55.0



#52
Toluene
Concen: 54.659 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 92 Resp: 335529
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

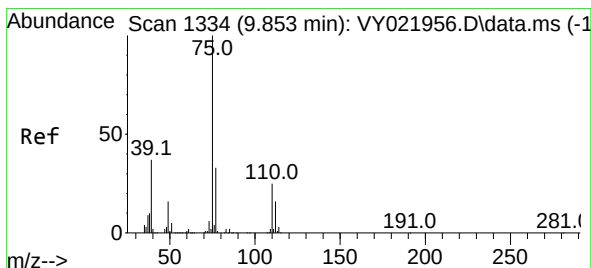
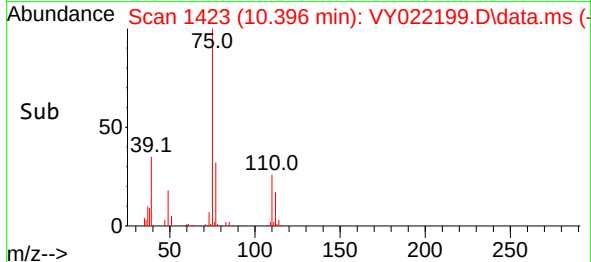
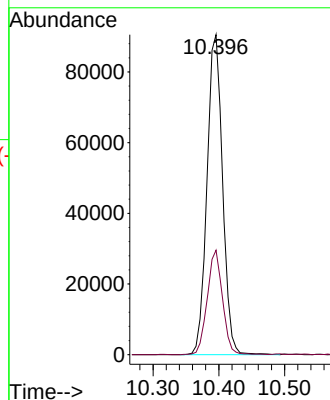
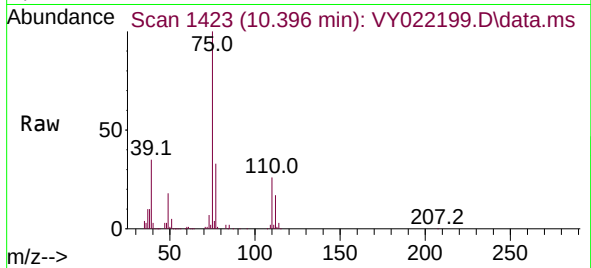




#53
 t-1,3-Dichloropropene
 Concen: 53.030 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022199.D
 Acq: 08 May 2025 09:18

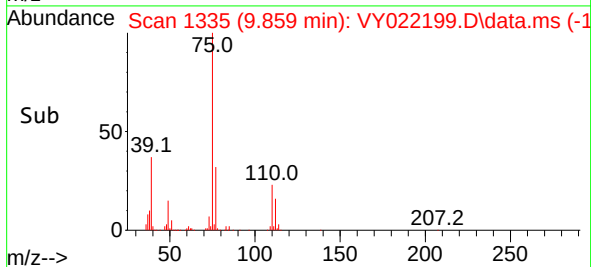
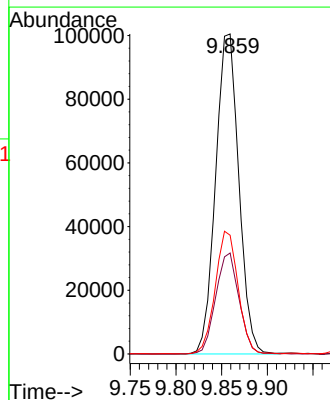
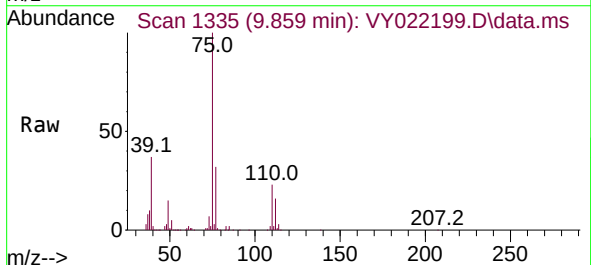
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

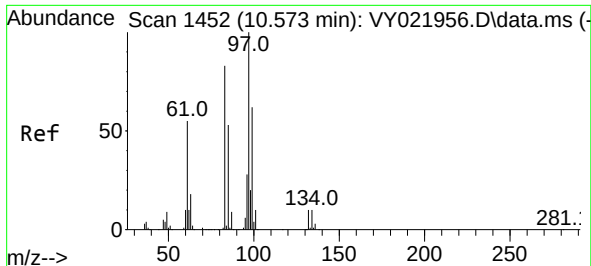
Tgt Ion: 75 Resp: 149178
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.149 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022199.D
 Acq: 08 May 2025 09:18

Tgt Ion: 75 Resp: 177728
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.6 40.0
 39 37.0 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 52.711 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 92436

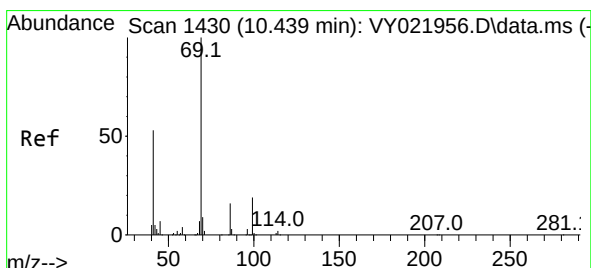
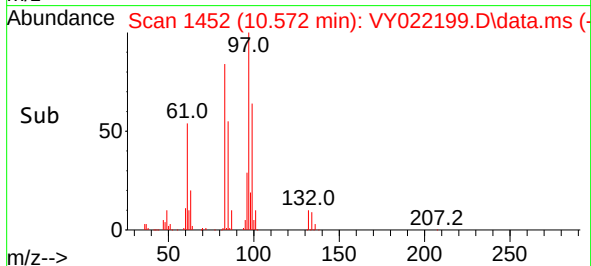
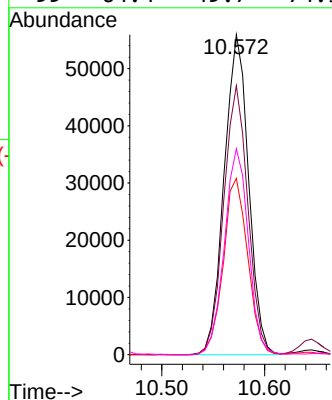
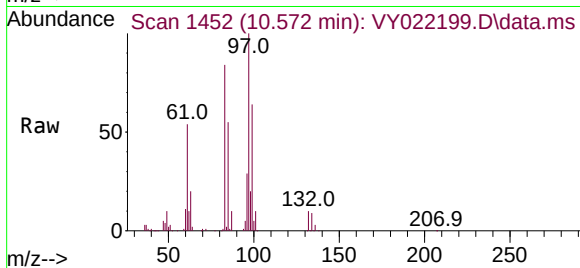
Ion Ratio Lower Upper

97 100

83 84.1 66.7 100.1

85 55.1 42.6 64.0

99 64.4 49.7 74.5



#56

Ethyl methacrylate

Concen: 54.726 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

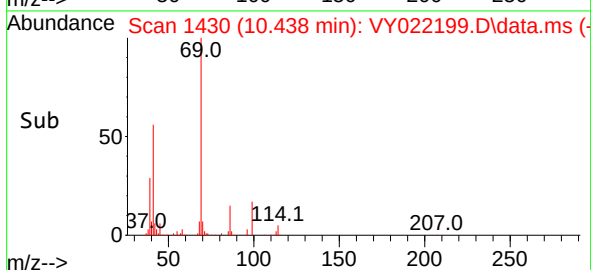
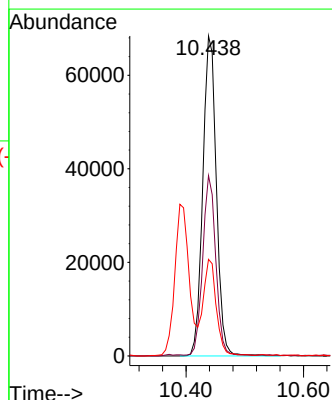
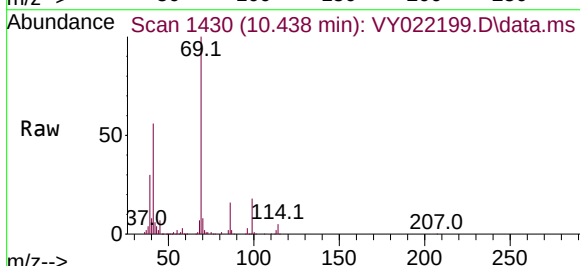
Tgt Ion: 69 Resp: 109746

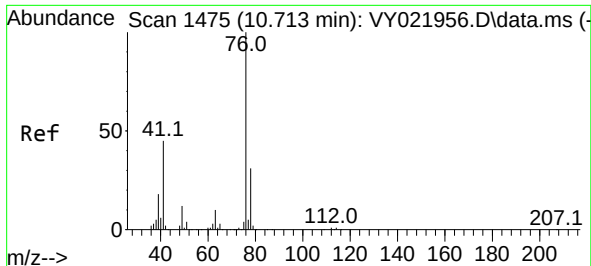
Ion Ratio Lower Upper

69 100

41 54.1 40.7 61.1

39 28.2 23.3 34.9





#57

1,3-Dichloropropane

Concen: 53.508 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

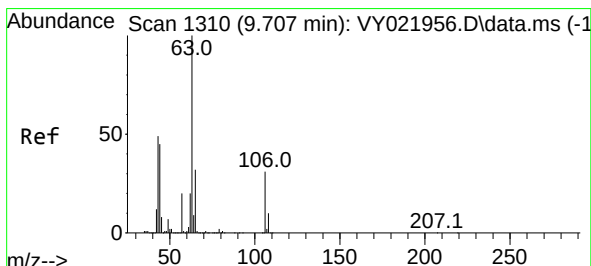
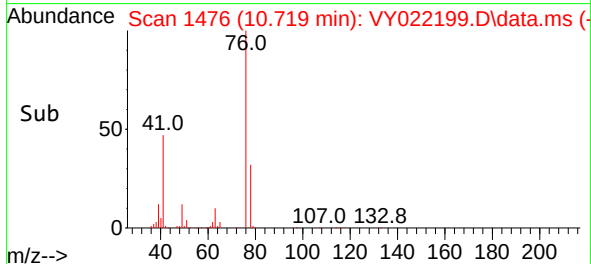
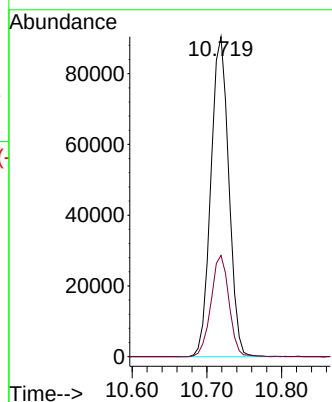
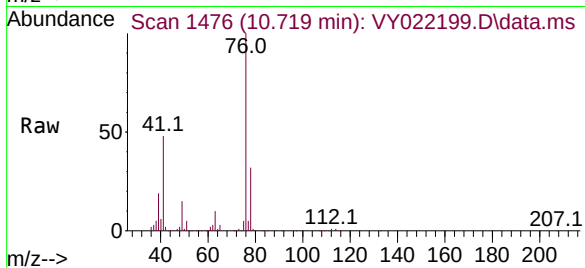
VSTDCCC050

Tgt Ion: 76 Resp: 150425

Ion Ratio Lower Upper

76 100

78 31.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 281.032 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022199.D

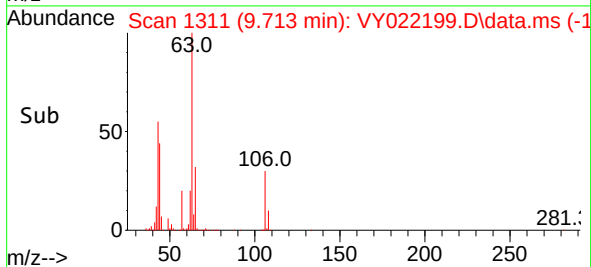
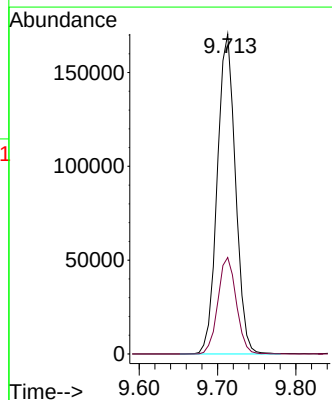
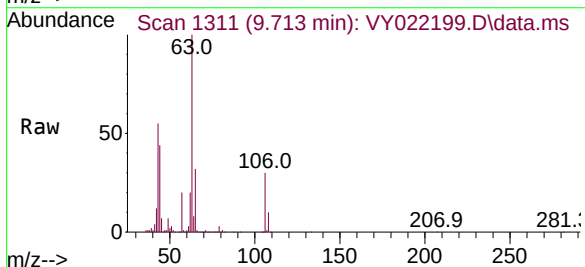
Acq: 08 May 2025 09:18

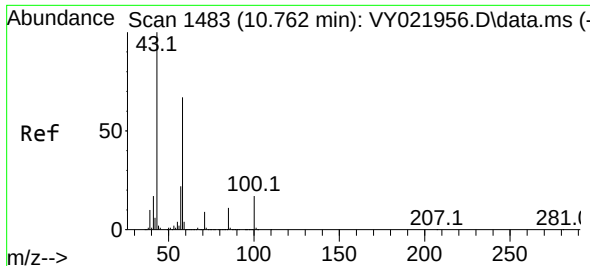
Tgt Ion: 63 Resp: 275550

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9





#59

2-Hexanone

Concen: 288.746 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

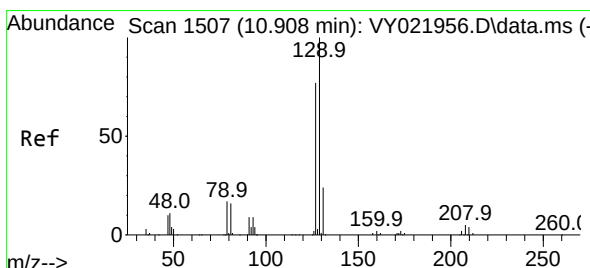
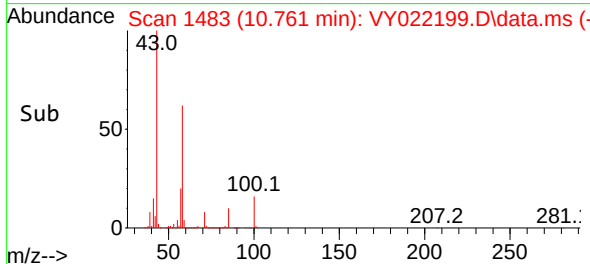
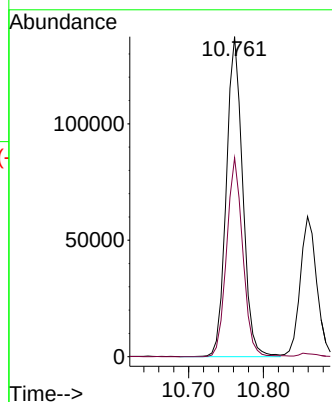
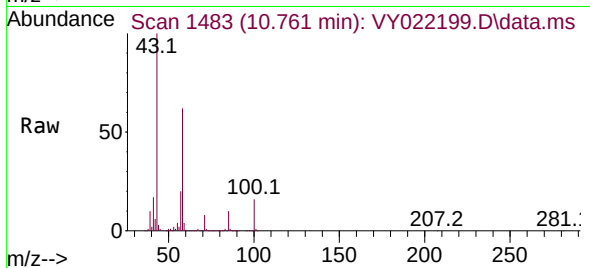
VSTDCCC050

Tgt Ion: 43 Resp: 208902

Ion Ratio Lower Upper

43 100

58 61.5 32.0 96.0



#60

Dibromochloromethane

Concen: 52.844 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY022199.D

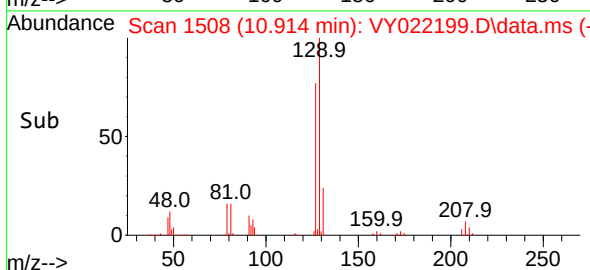
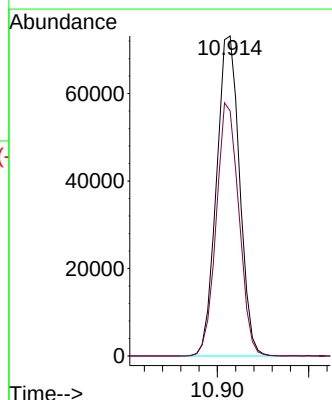
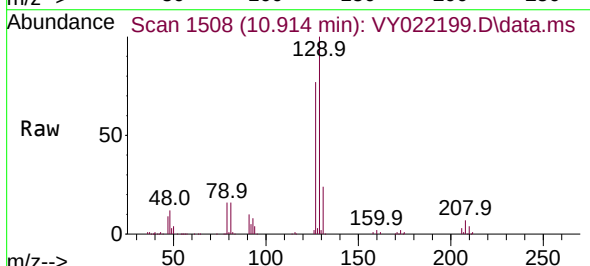
Acq: 08 May 2025 09:18

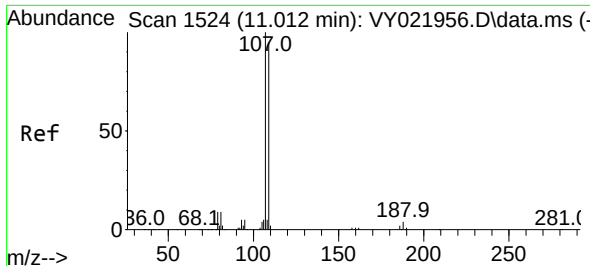
Tgt Ion:129 Resp: 128299

Ion Ratio Lower Upper

129 100

127 77.6 38.5 115.3

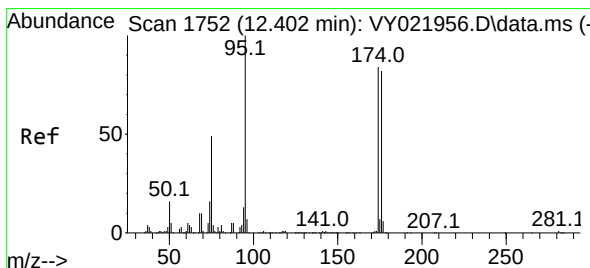
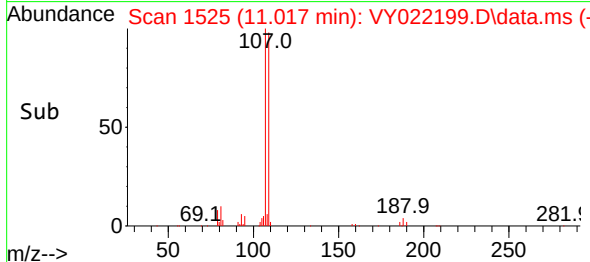
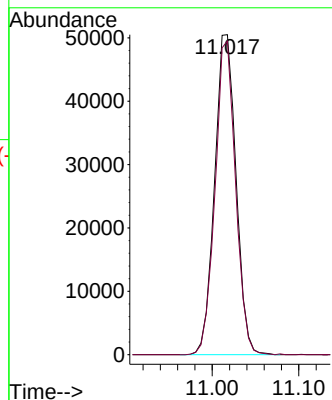
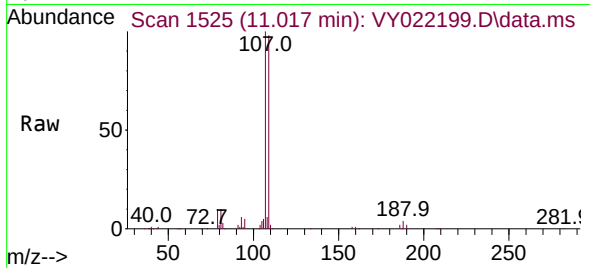




#61
1,2-Dibromoethane
Concen: 52.345 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

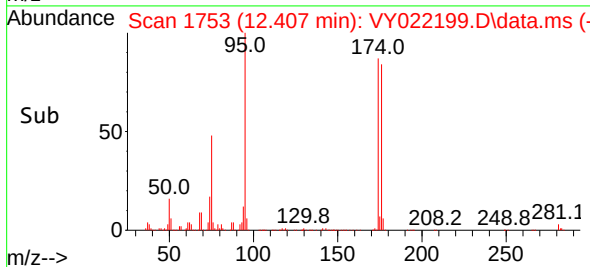
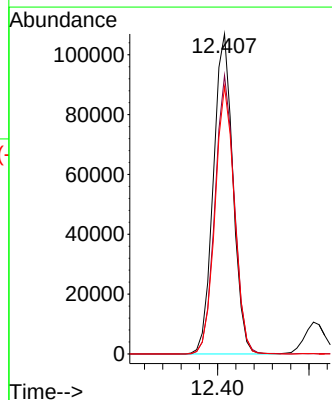
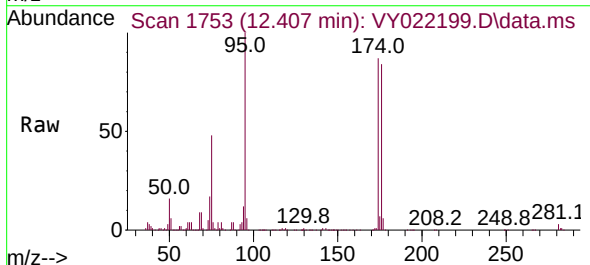
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

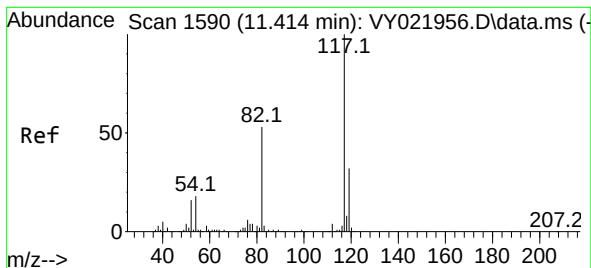
Tgt Ion:107 Resp: 86658
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.524 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 95 Resp: 159149
Ion Ratio Lower Upper
95 100
174 86.1 0.0 179.0
176 82.9 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

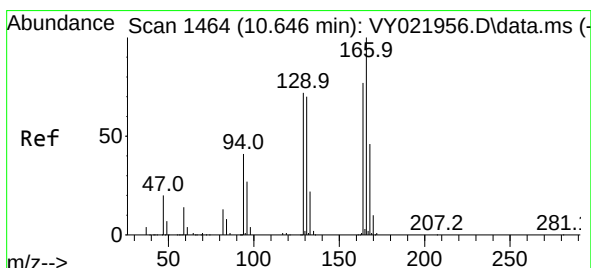
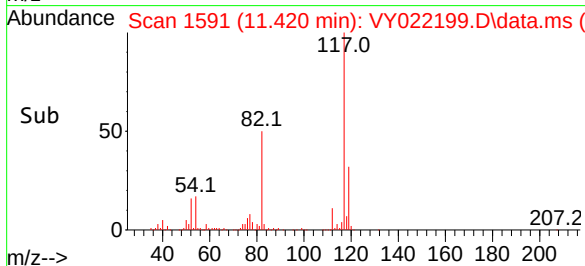
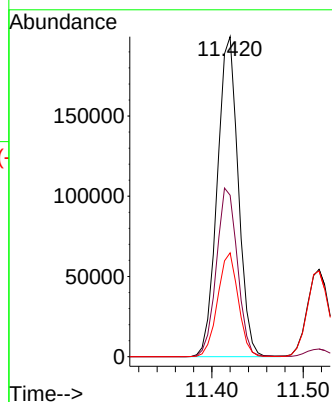
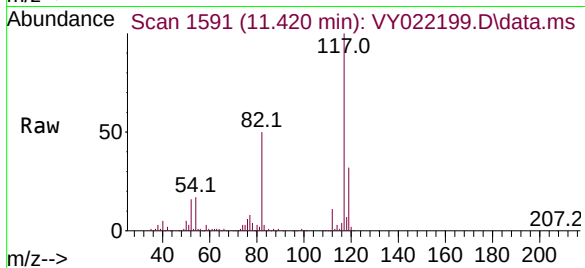
Tgt Ion:117 Resp: 318447

Ion Ratio Lower Upper

117 100

82 50.4 42.1 63.1

119 32.5 25.7 38.5



#64

Tetrachloroethene

Concen: 51.023 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Tgt Ion:164 Resp: 153280

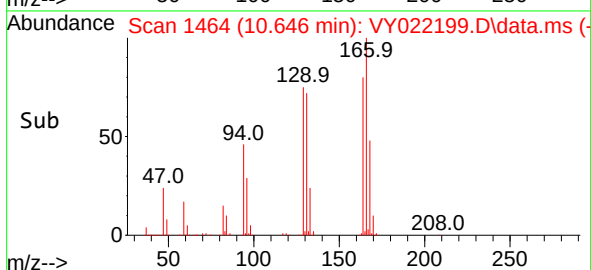
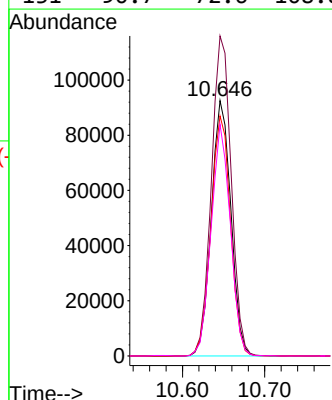
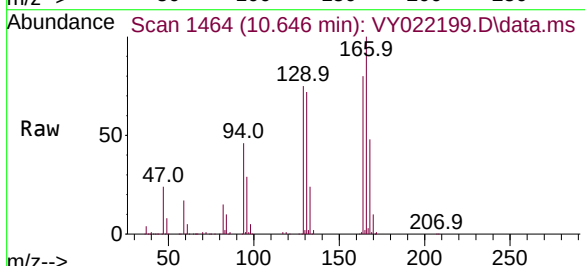
Ion Ratio Lower Upper

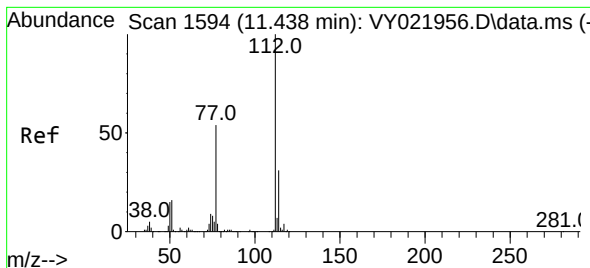
164 100

166 125.3 103.6 155.4

129 94.0 74.2 111.4

131 90.7 72.6 108.8





#65

Chlorobenzene

Concen: 51.549 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

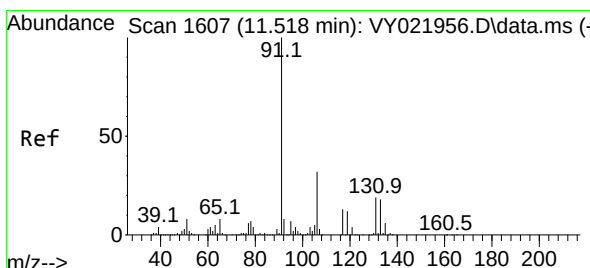
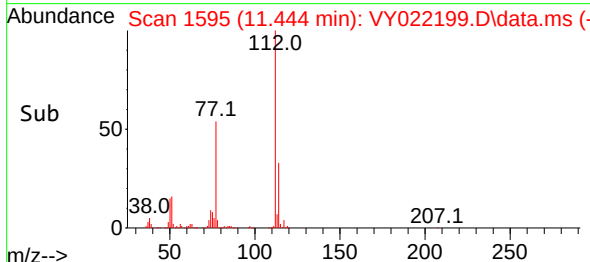
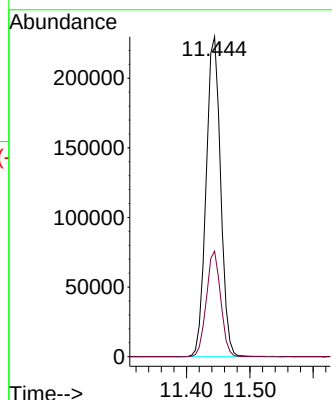
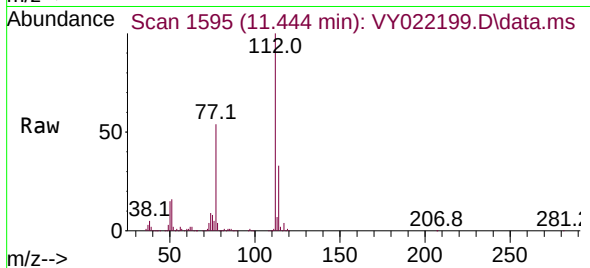
VSTDCCC050

Tgt Ion:112 Resp: 367093

Ion Ratio Lower Upper

112 100

114 33.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 52.707 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

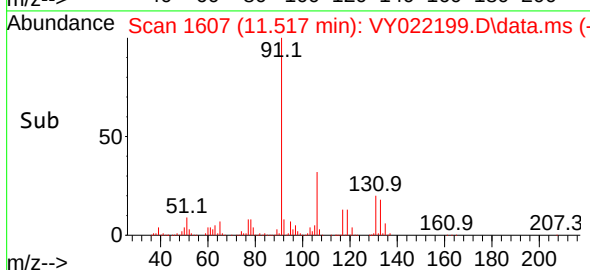
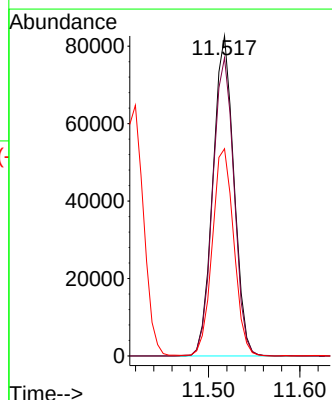
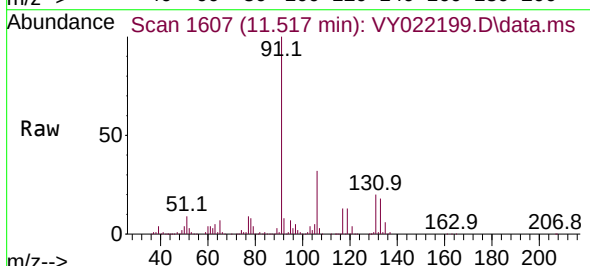
Tgt Ion:131 Resp: 132142

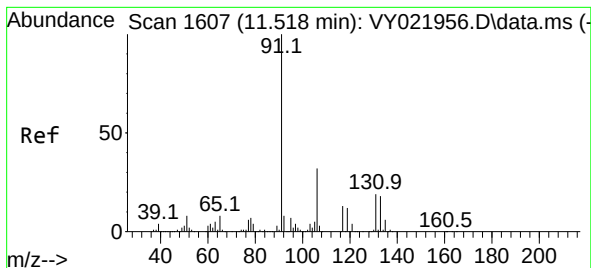
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.3

119 66.3 32.4 97.0





#67

Ethyl Benzene

Concen: 54.036 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

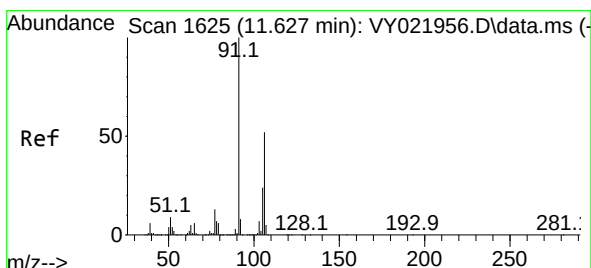
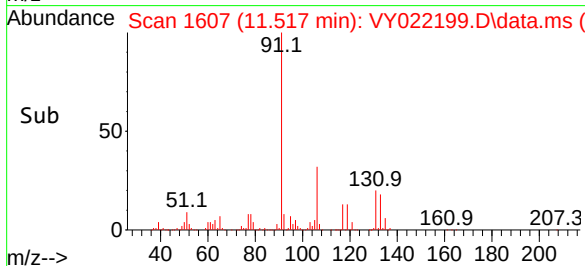
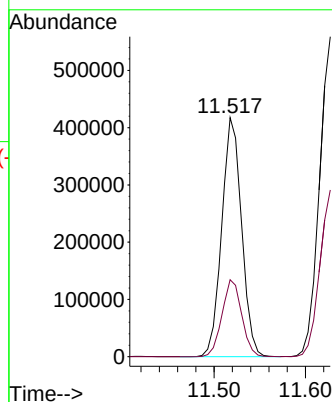
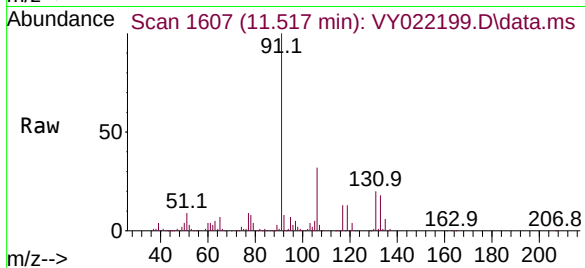
VSTDCCC050

Tgt Ion: 91 Resp: 629476

Ion Ratio Lower Upper

91 100

106 32.2 25.9 38.9



#68

m/p-Xylenes

Concen: 109.807 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022199.D

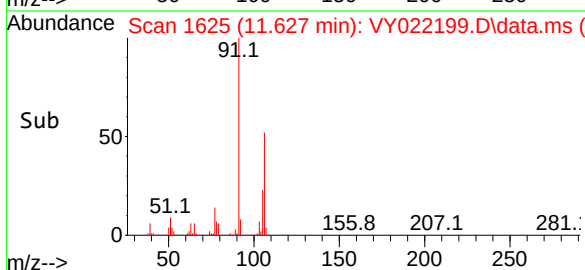
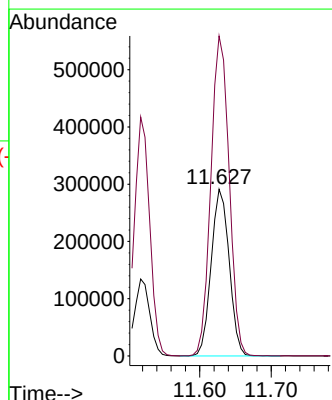
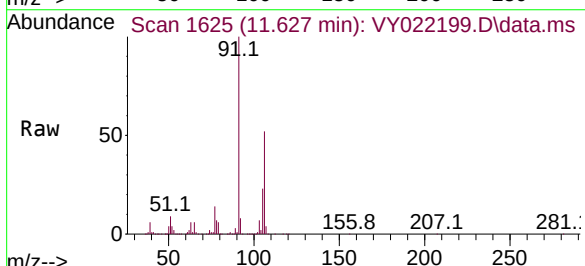
Acq: 08 May 2025 09:18

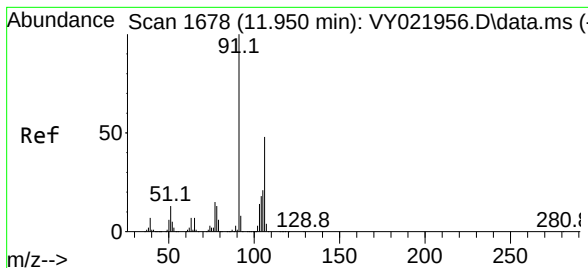
Tgt Ion: 106 Resp: 509011

Ion Ratio Lower Upper

106 100

91 194.8 156.2 234.2

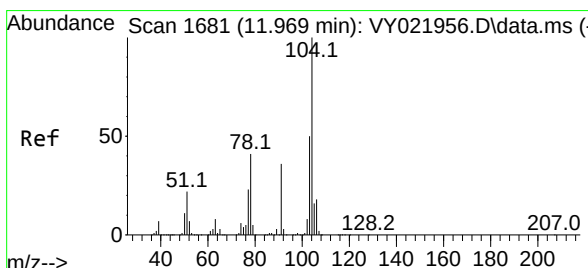
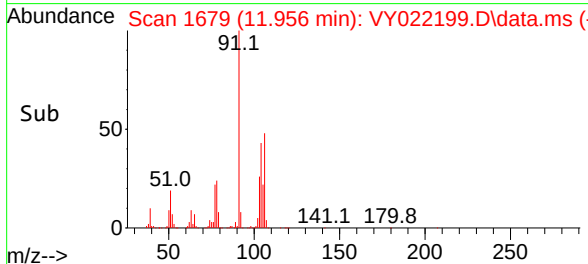
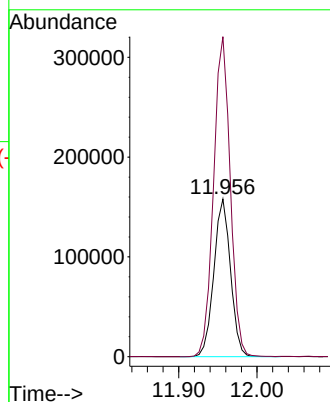
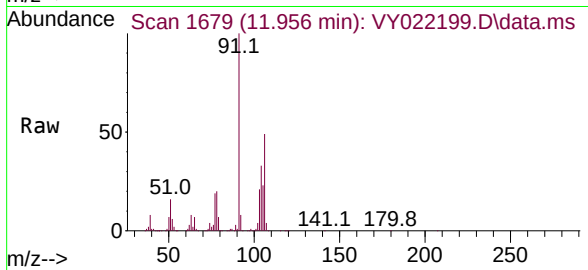




#69
o-Xylene
Concen: 54.636 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

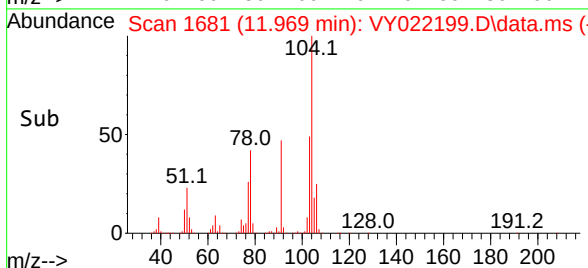
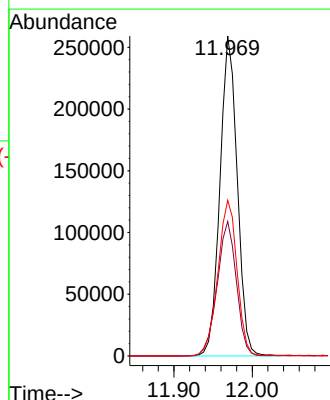
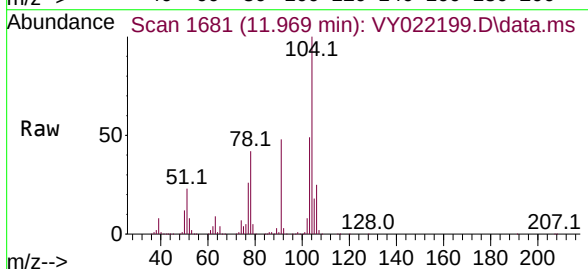
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

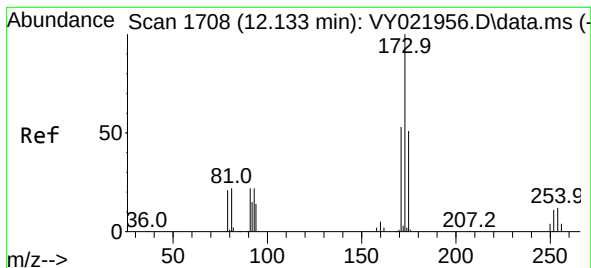
Tgt Ion:106 Resp: 233431
Ion Ratio Lower Upper
106 100
91 203.8 103.0 308.9



#70
Styrene
Concen: 55.656 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion:104 Resp: 399256
Ion Ratio Lower Upper
104 100
78 46.3 36.6 54.8
103 53.8 43.8 65.8





#71

Bromoform

Concen: 52.653 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

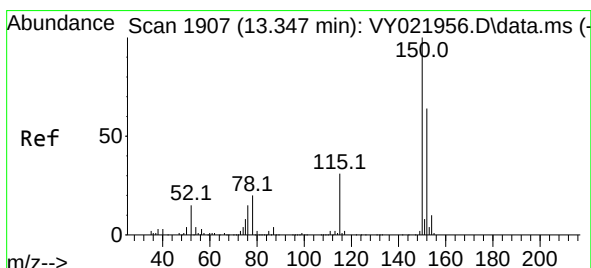
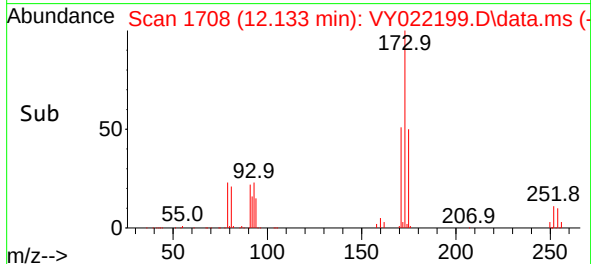
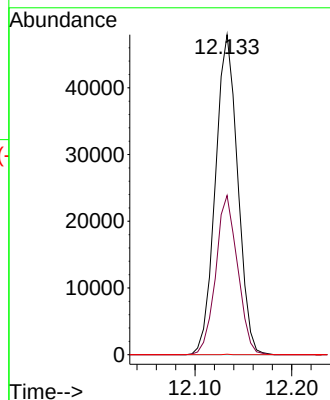
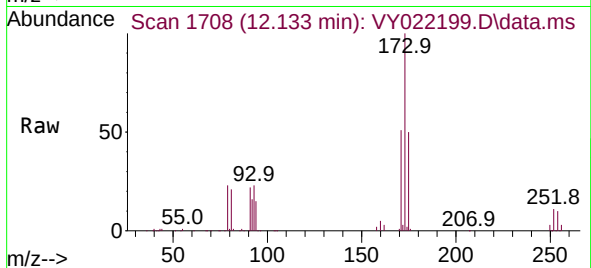
Tgt Ion:173 Resp: 76748

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

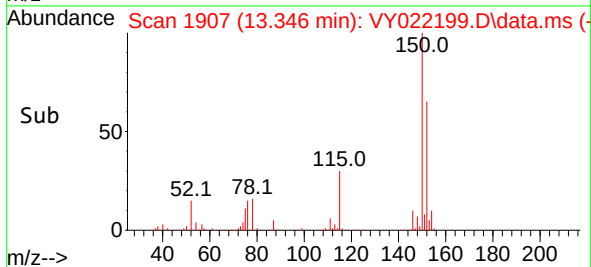
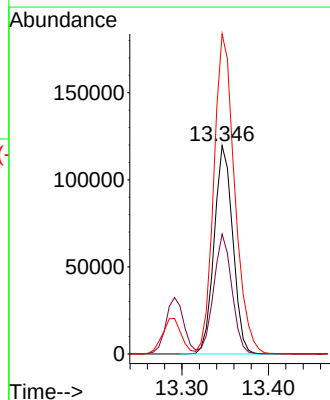
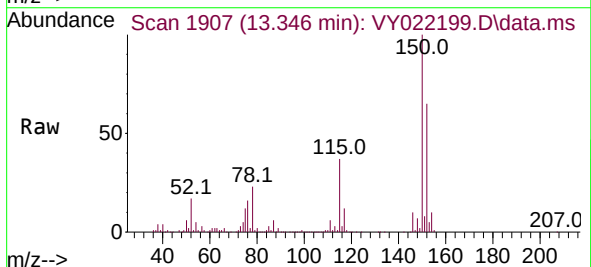
Tgt Ion:152 Resp: 178245

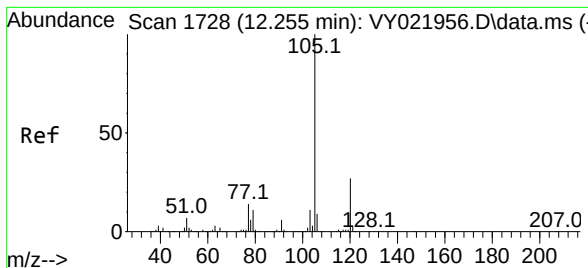
Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

150 172.2 0.0 345.6

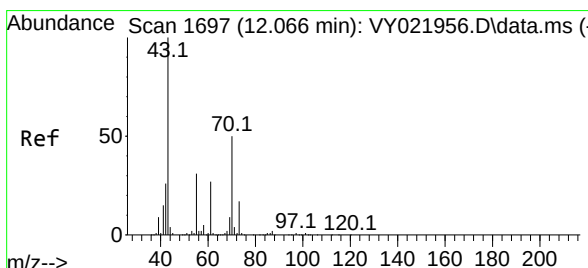
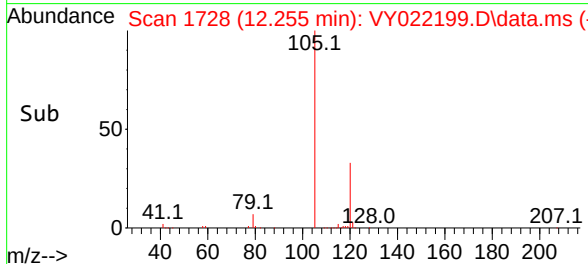
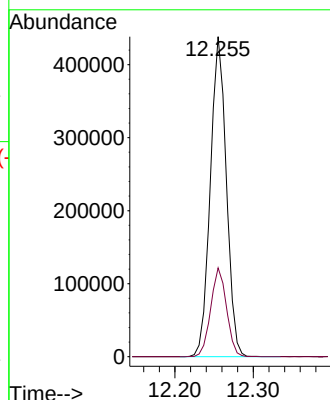
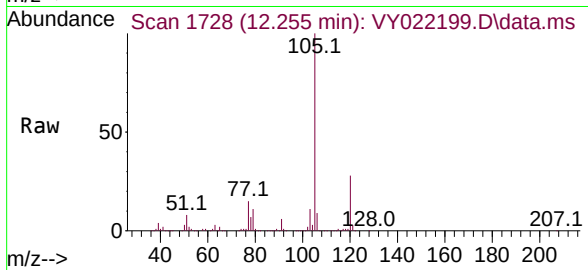




#73
Isopropylbenzene
Concen: 52.201 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

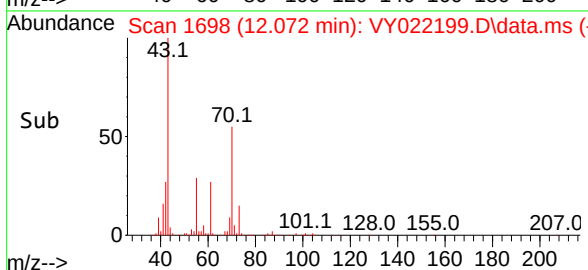
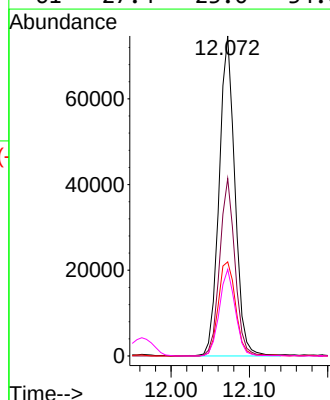
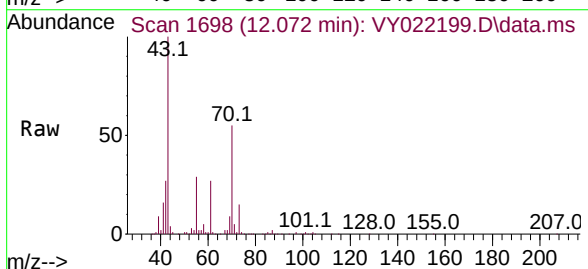
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

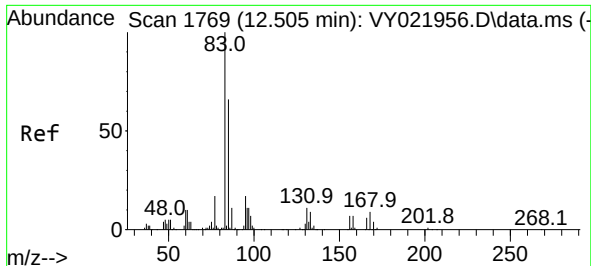
Tgt Ion:105 Resp: 621648
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5



#74
N-ethyl acetate
Concen: 51.232 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 43 Resp: 104821
Ion Ratio Lower Upper
43 100
70 53.6 43.2 64.8
55 32.4 25.7 38.5
61 27.4 23.0 34.6

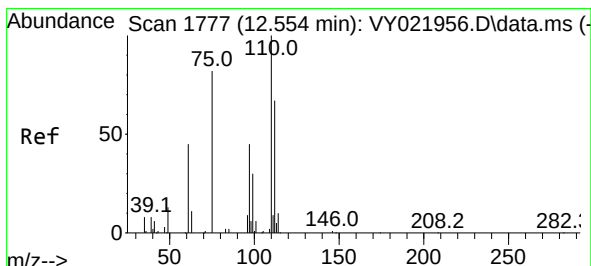
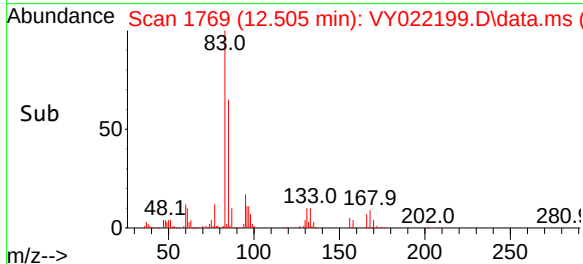
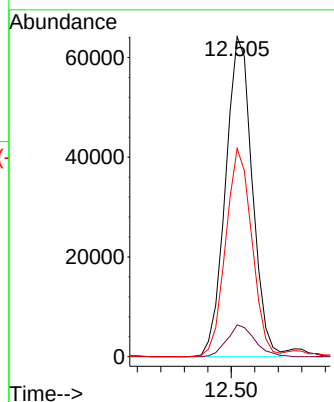
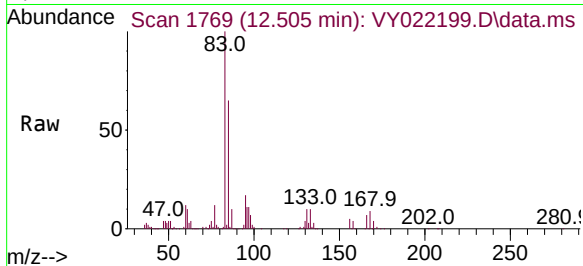




#75
1,1,2,2-Tetrachloroethane
Concen: 50.449 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

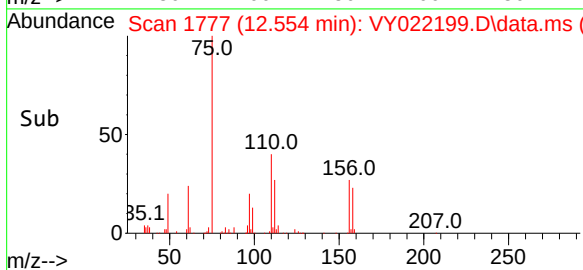
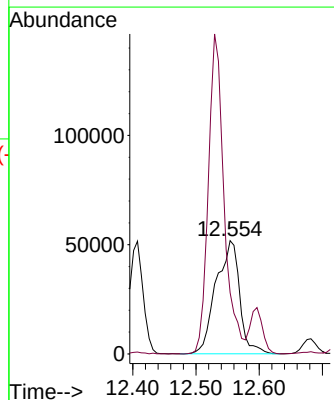
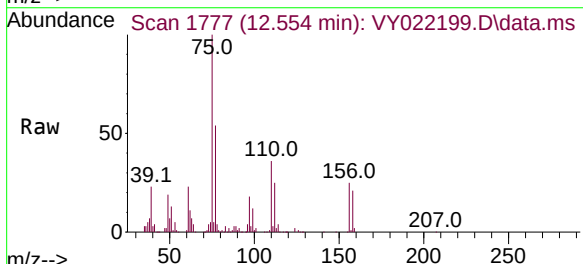
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

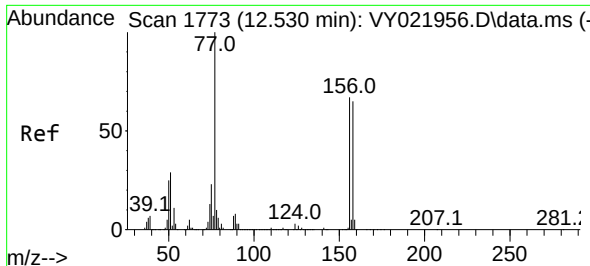
Tgt Ion: 83 Resp: 101289
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.4
85 64.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.086 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 75 Resp: 134486
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

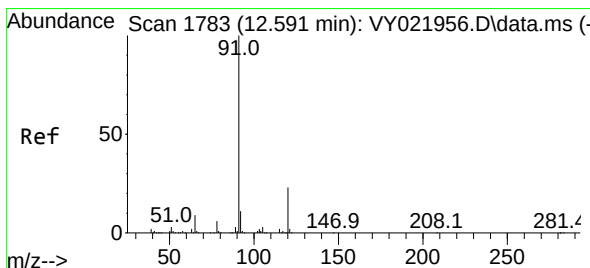
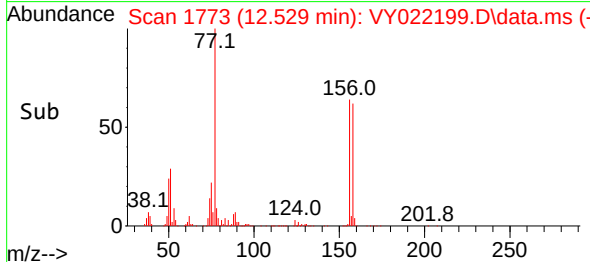
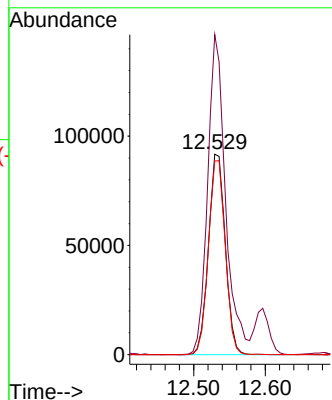
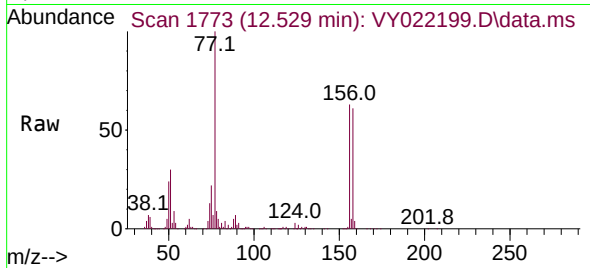




#77
Bromobenzene
Concen: 49.789 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

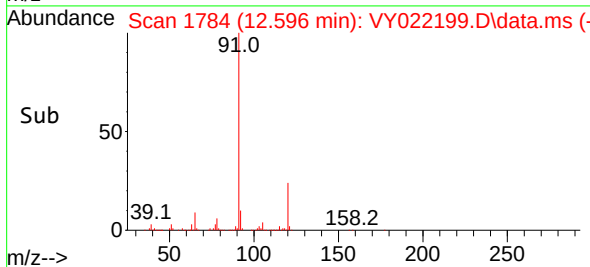
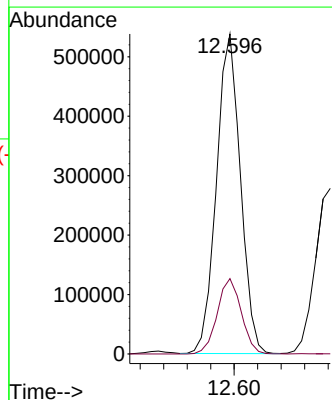
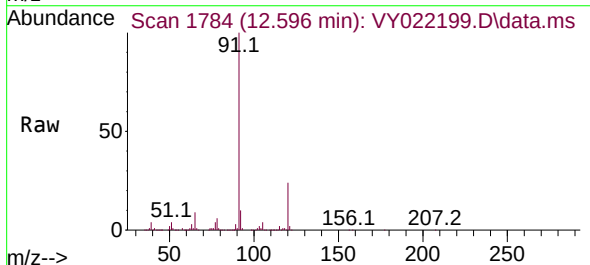
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

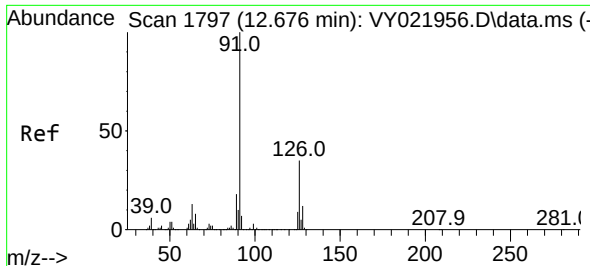
Tgt Ion:156 Resp: 149821
Ion Ratio Lower Upper
156 100
77 170.5 82.7 248.1
158 97.0 48.1 144.4



#78
n-propylbenzene
Concen: 53.704 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 91 Resp: 761617
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5

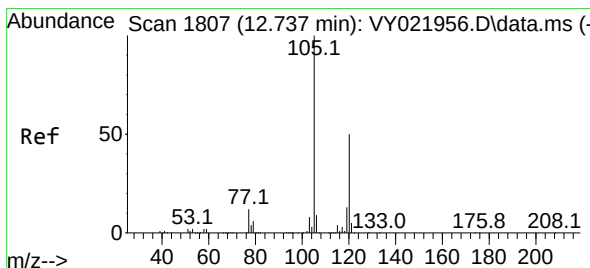
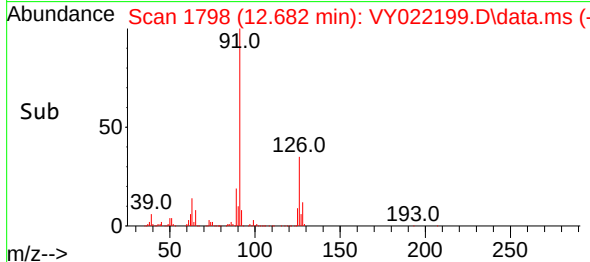
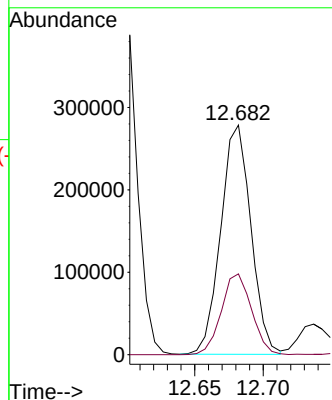
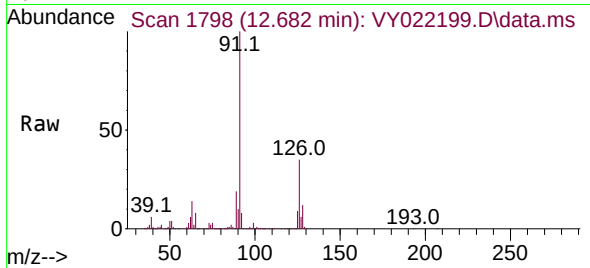




#79
2-Chlorotoluene
Concen: 51.663 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

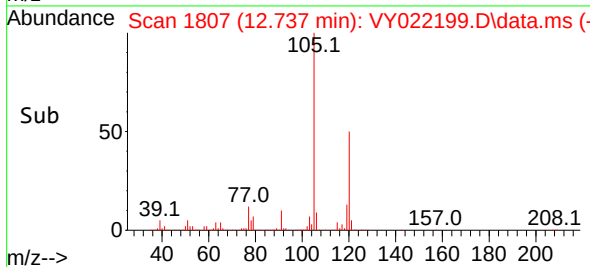
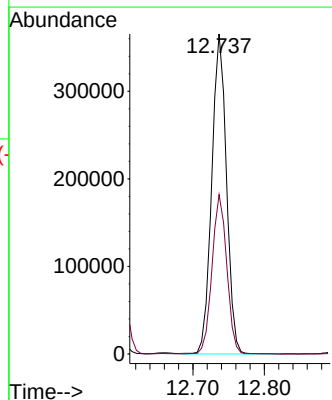
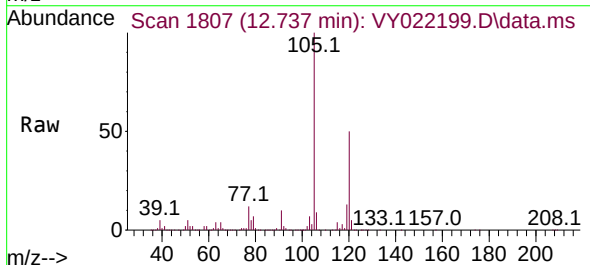
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

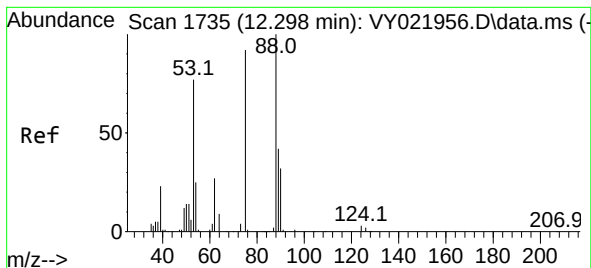
Tgt Ion: 91 Resp: 426099
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 53.102 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 105 Resp: 521046
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0

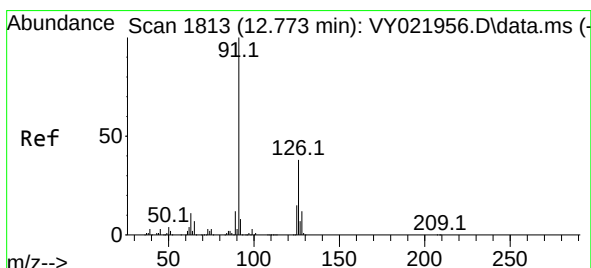
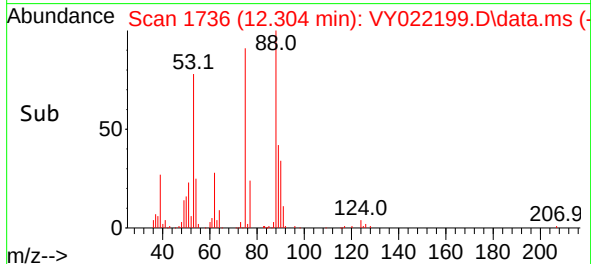
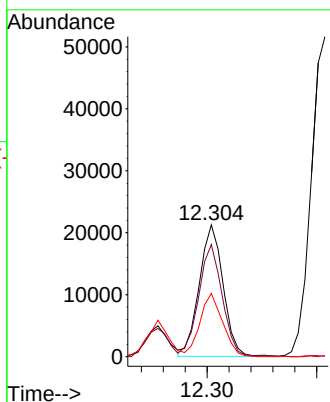
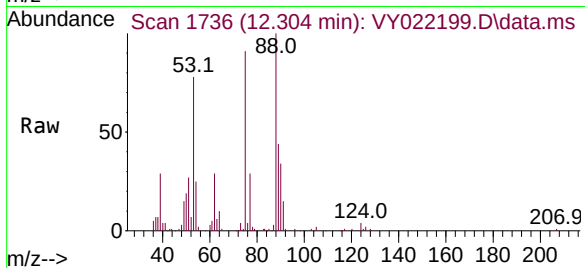




#81
trans-1,4-Dichloro-2-butene
Concen: 50.535 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

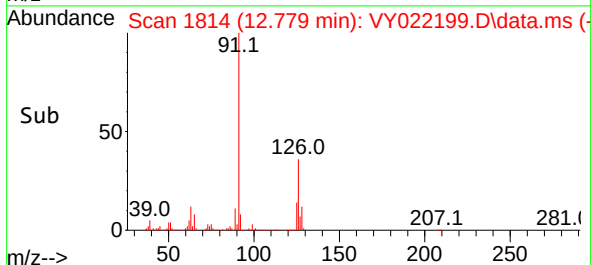
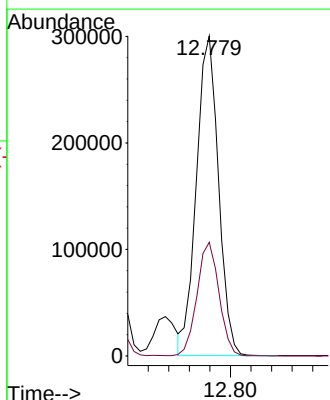
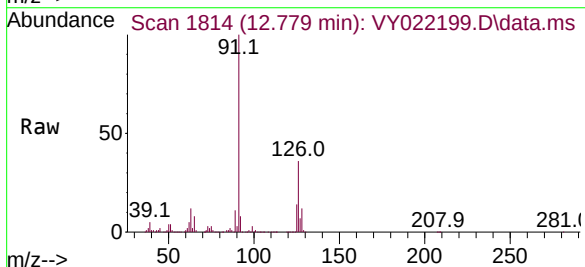
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

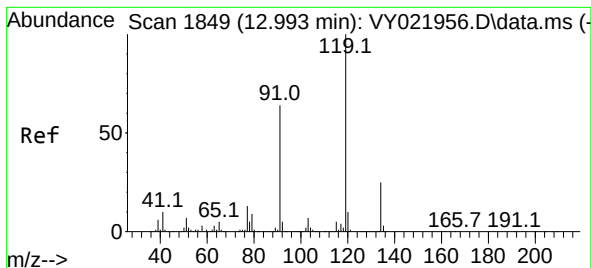
Tgt Ion: 75 Resp: 32039
Ion Ratio Lower Upper
75 100
53 84.9 66.0 99.0
89 45.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 52.242 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 91 Resp: 447905
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 52.637 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

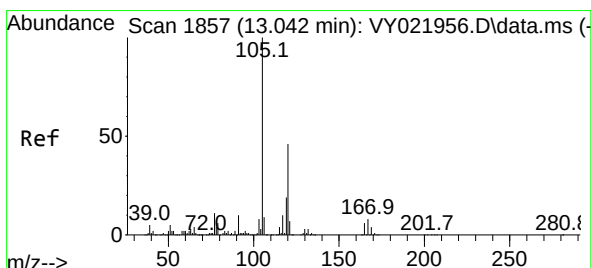
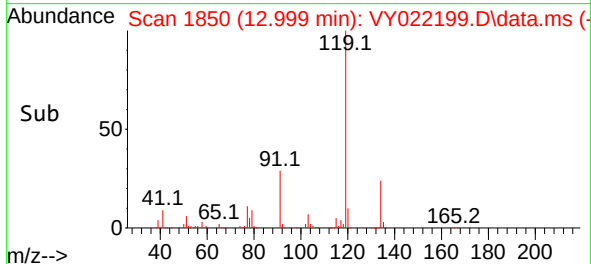
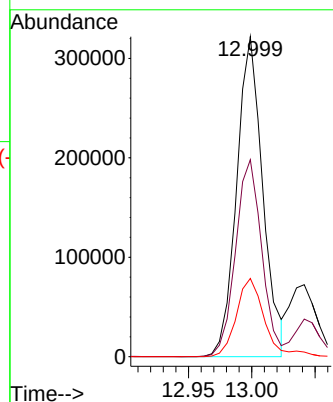
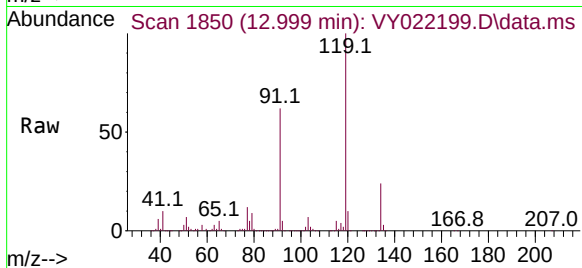
Tgt Ion:119 Resp: 463200

Ion Ratio Lower Upper

119 100

91 61.6 30.3 90.9

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 52.917 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022199.D

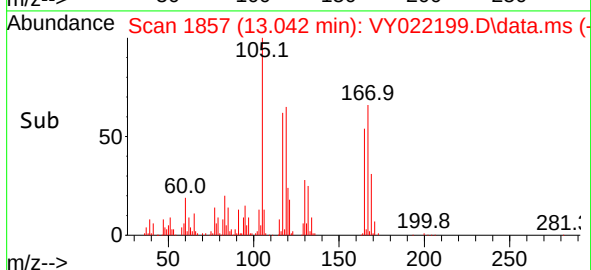
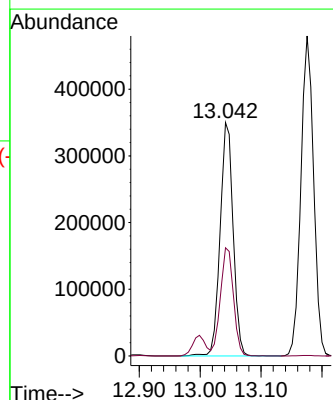
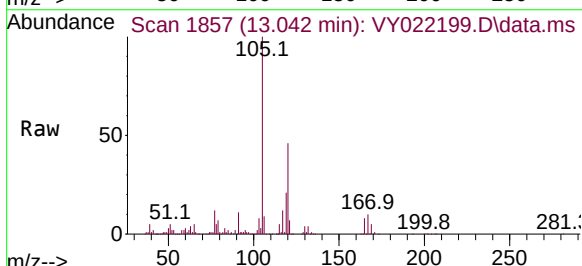
Acq: 08 May 2025 09:18

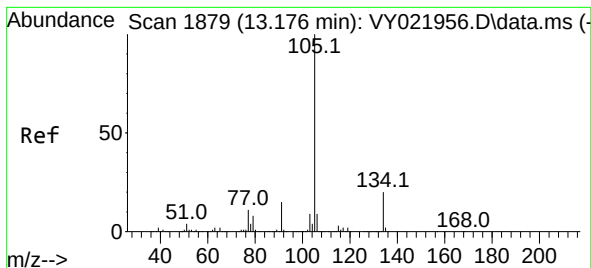
Tgt Ion:105 Resp: 519350

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 53.990 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

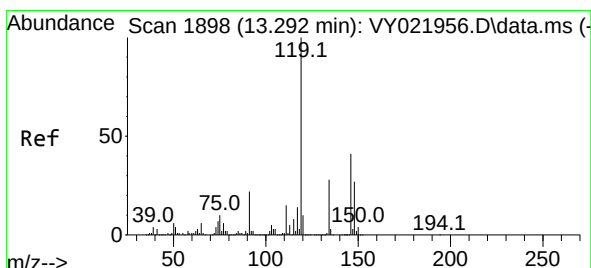
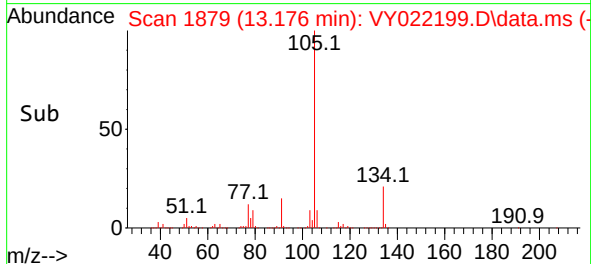
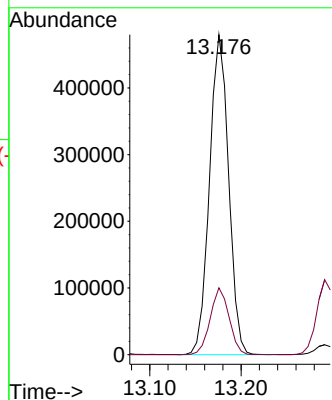
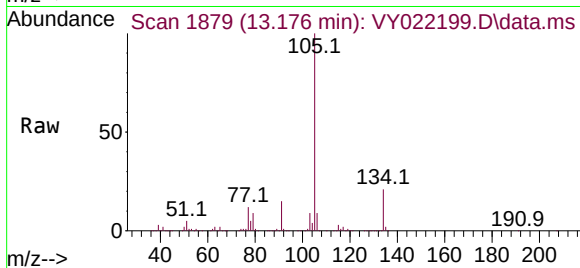
VSTDCCC050

Tgt Ion:105 Resp: 695229

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 53.457 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

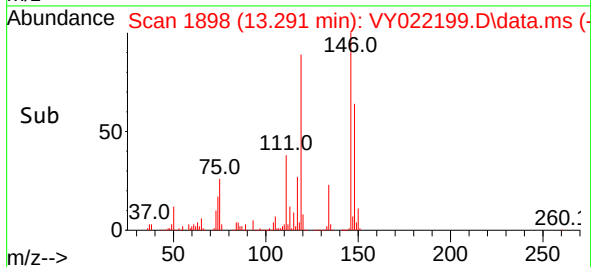
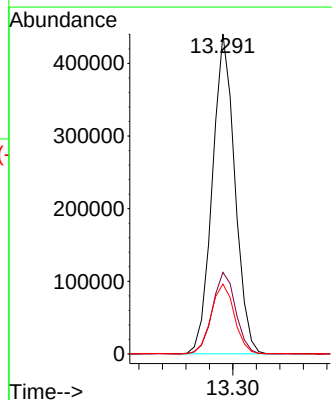
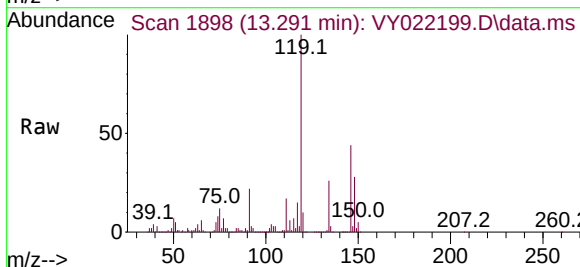
Tgt Ion:119 Resp: 584529

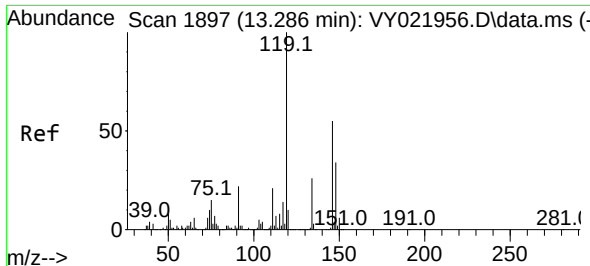
Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.7

91 22.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.792 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

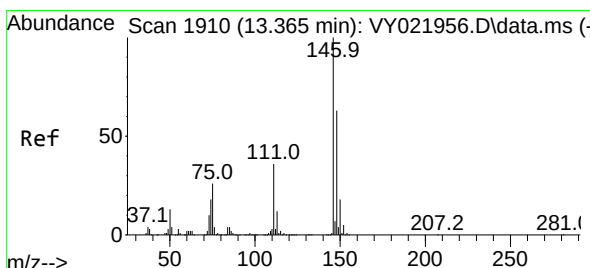
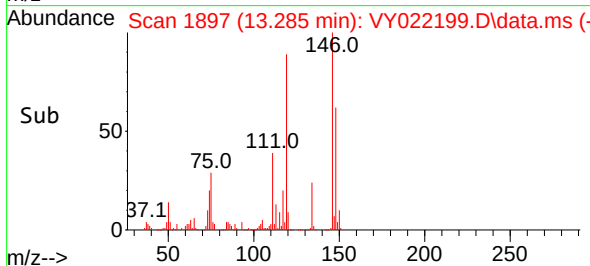
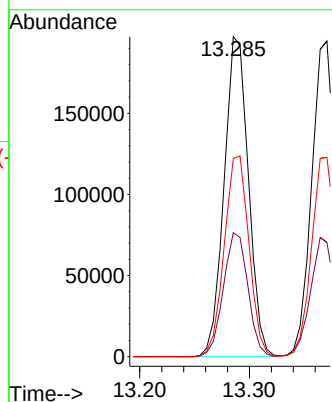
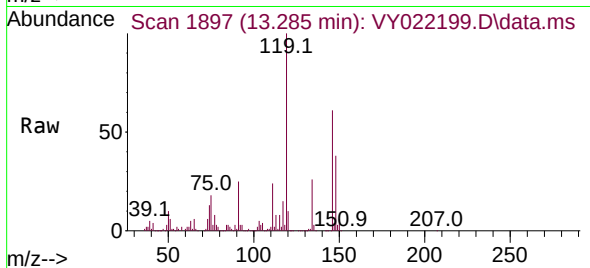
Tgt Ion:146 Resp: 304315

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.501 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

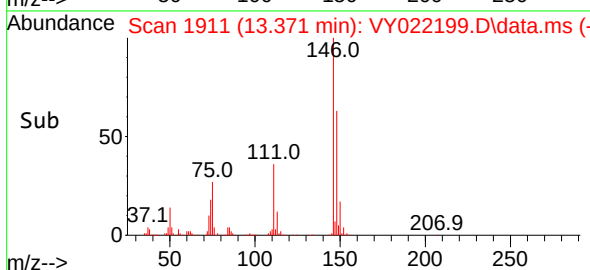
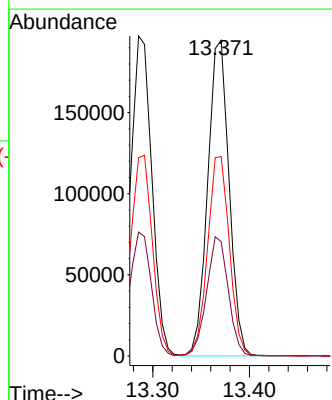
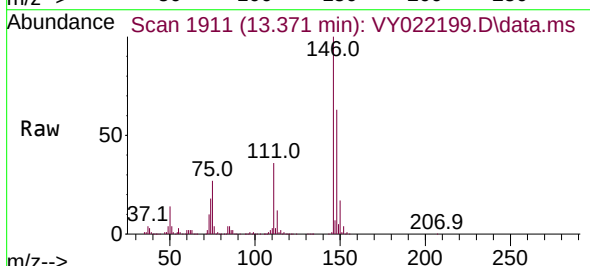
Tgt Ion:146 Resp: 299630

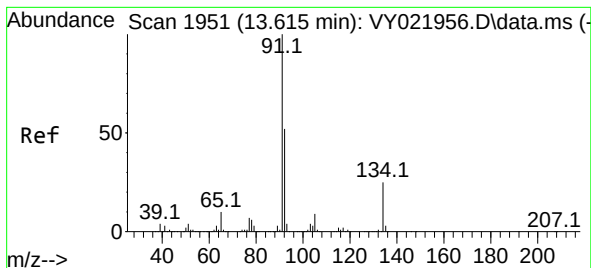
Ion Ratio Lower Upper

146 100

111 38.1 19.2 57.6

148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 54.192 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

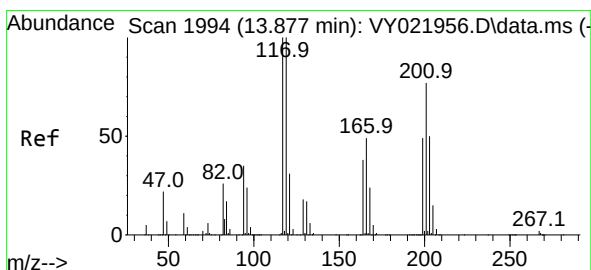
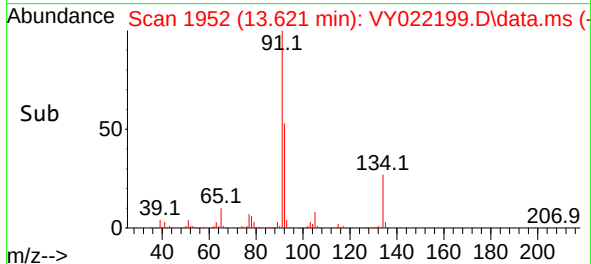
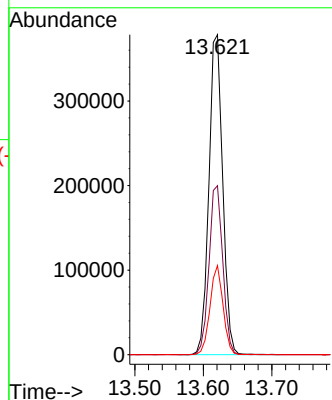
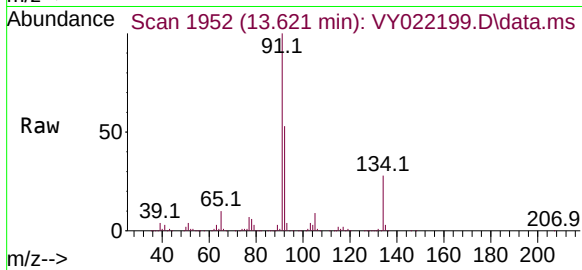
Tgt Ion: 91 Resp: 529651

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 26.4 13.4 40.1



#90

Hexachloroethane

Concen: 51.202 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022199.D

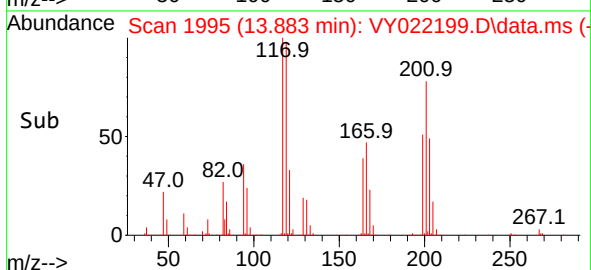
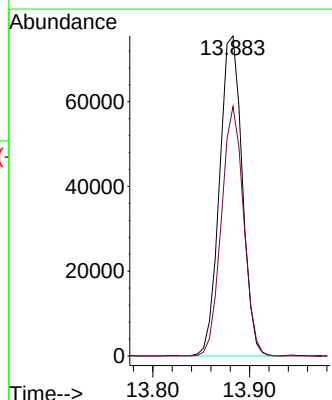
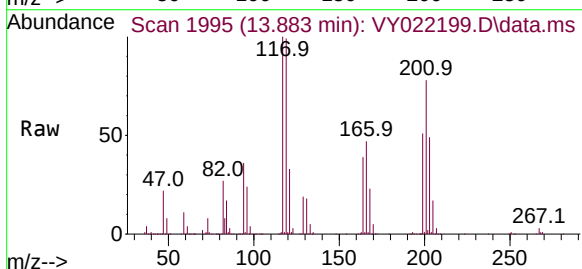
Acq: 08 May 2025 09:18

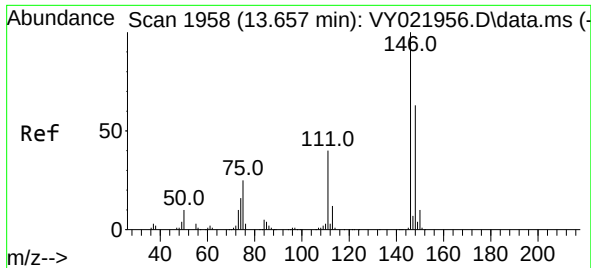
Tgt Ion: 117 Resp: 123008

Ion Ratio Lower Upper

117 100

201 76.2 38.7 116.1

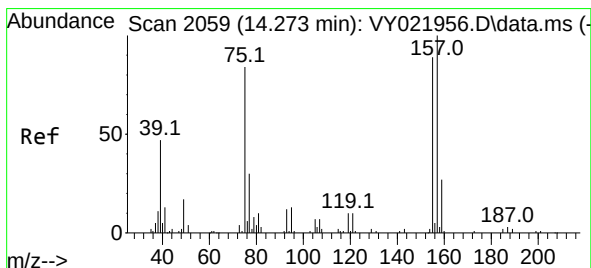
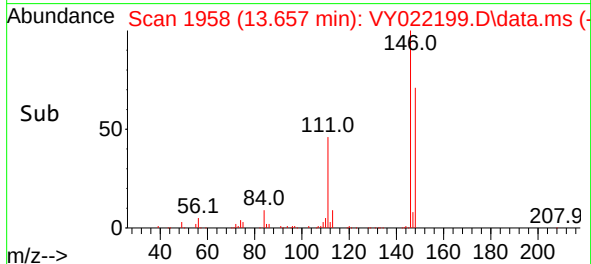
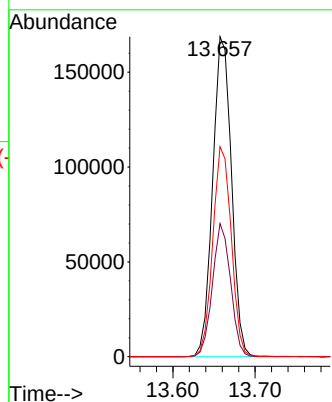
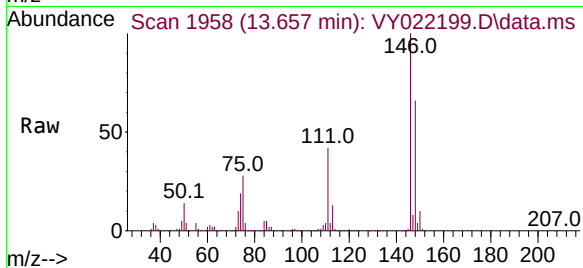




#91
1,2-Dichlorobenzene
Concen: 50.242 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

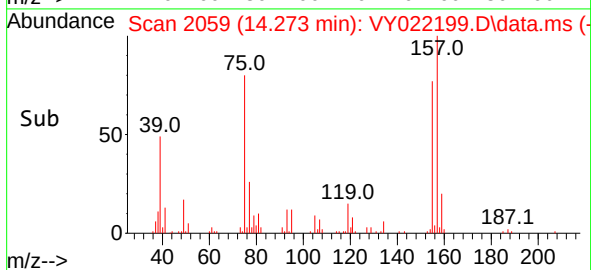
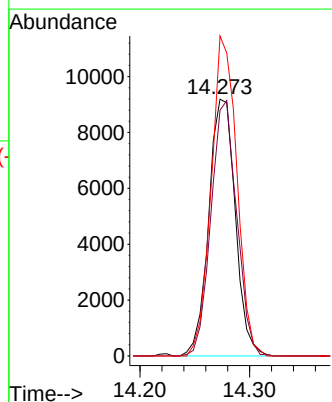
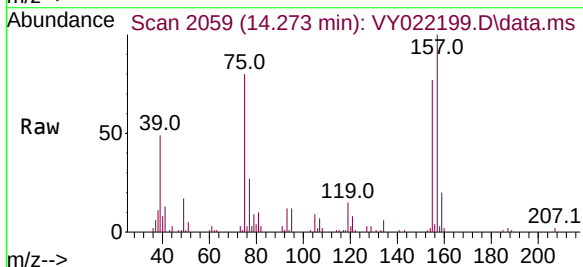
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

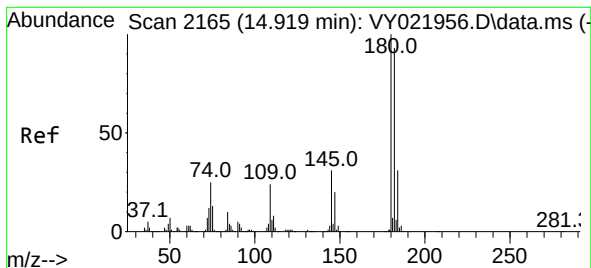
Tgt Ion:146 Resp: 267819
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.1
148 64.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.358 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022199.D
Acq: 08 May 2025 09:18

Tgt Ion: 75 Resp: 15447
Ion Ratio Lower Upper
75 100
155 96.3 50.7 152.3
157 120.1 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 50.272 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

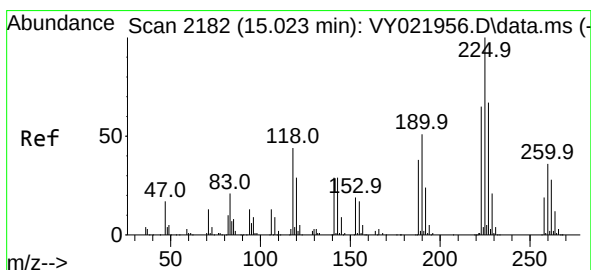
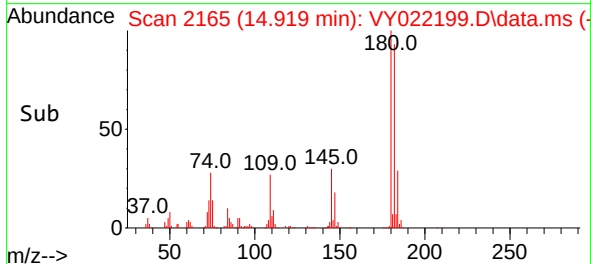
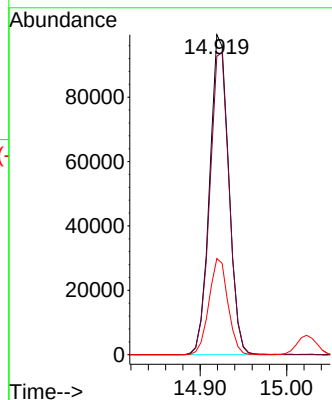
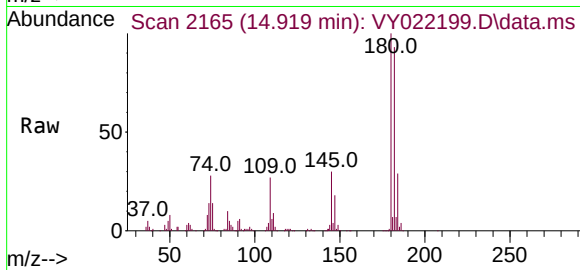
Tgt Ion:180 Resp: 151857

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.4

145 29.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 51.204 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

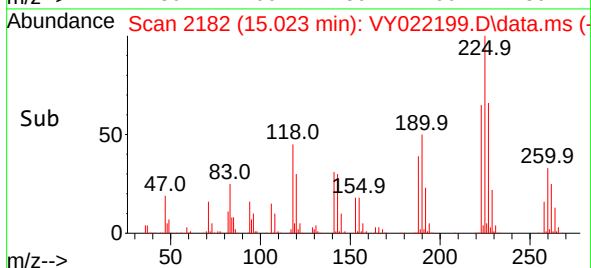
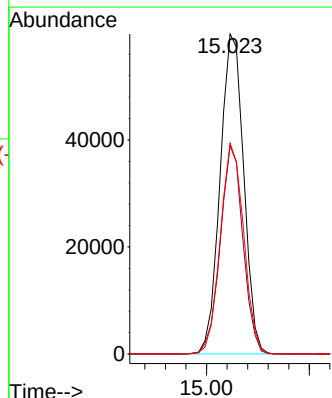
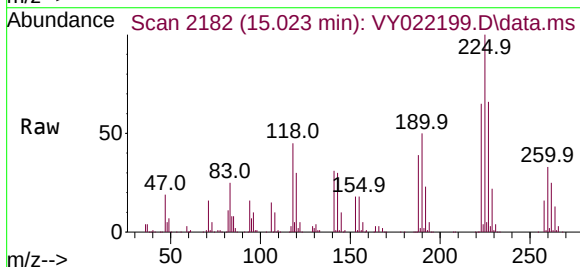
Tgt Ion:225 Resp: 95163

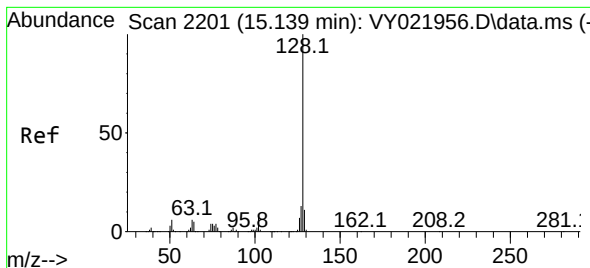
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.5

227 65.2 32.3 96.9





#95

Naphthalene

Concen: 50.327 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

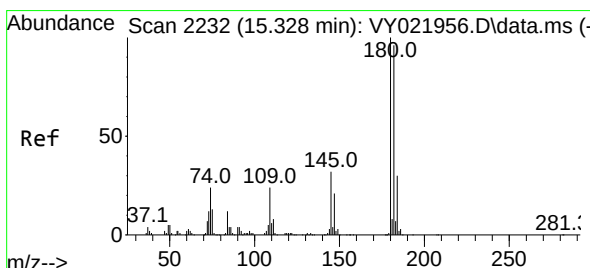
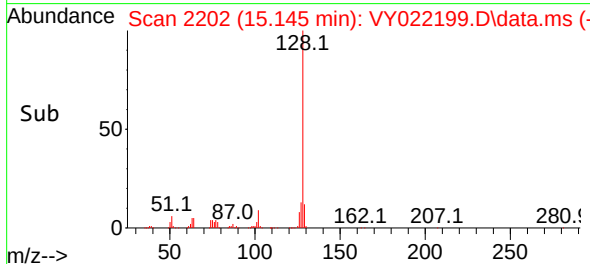
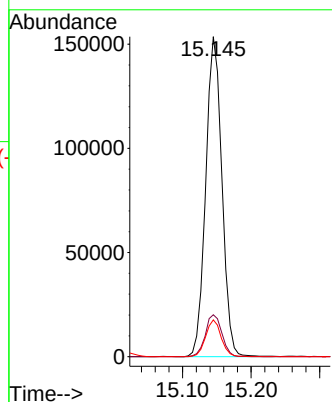
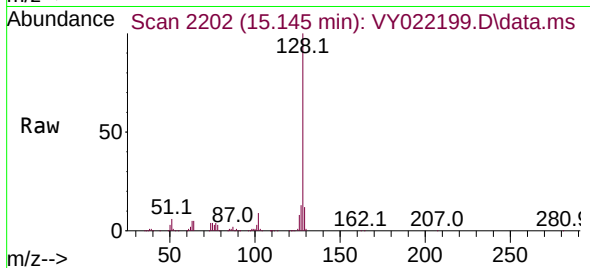
Tgt Ion:128 Resp: 252535

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.933 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022199.D

Acq: 08 May 2025 09:18

Tgt Ion:180 Resp: 130200

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 33.0 16.0 48.0

