

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023084.D
 Acq On : 14 Aug 2025 10:17
 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: Aug 14 14:46:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	410930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	647551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	582049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	290049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221987	56.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.360%	
35) Dibromofluoromethane	7.628	113	223080	57.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.140%	
50) Toluene-d8	10.103	98	875441	57.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.660%	
62) 4-Bromofluorobenzene	12.401	95	276611	56.822	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	151094	45.046	ug/l	100
3) Chloromethane	2.068	50	303228	55.814	ug/l	96
4) Vinyl Chloride	2.202	62	388943	57.916	ug/l	98
5) Bromomethane	2.592	94	288079	57.438	ug/l	99
6) Chloroethane	2.732	64	273182	61.186	ug/l	98
7) Trichlorofluoromethane	3.050	101	438280	53.672	ug/l	97
8) Diethyl Ether	3.452	74	108282	50.120	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	217833	54.071	ug/l	99
10) Methyl Iodide	4.001	142	268014	61.652	ug/l	98
11) Tert butyl alcohol	4.854	59	58207	216.906	ug/l	99
12) 1,1-Dichloroethene	3.787	96	210368	53.125	ug/l	99
13) Acrolein	3.647	56	70939	180.505	ug/l	95
14) Allyl chloride	4.379	41	309516	53.120	ug/l	98
15) Acrylonitrile	5.055	53	225862	257.151	ug/l	99
16) Acetone	3.860	43	217392	256.214	ug/l	96
17) Carbon Disulfide	4.104	76	693545	53.714	ug/l	99
18) Methyl Acetate	4.379	43	127782	50.608	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	525251	51.188	ug/l	99
20) Methylene Chloride	4.610	84	249658	57.006	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	245991	55.278	ug/l	98
22) Diisopropyl ether	6.012	45	701401	55.396	ug/l	97
23) Vinyl Acetate	5.958	43	1858955	265.520	ug/l	99
24) 1,1-Dichloroethane	5.909	63	437716	56.544	ug/l	100
25) 2-Butanone	6.890	43	291161	252.314	ug/l	99
26) 2,2-Dichloropropane	6.884	77	369032	55.247	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	282758	54.962	ug/l	99
28) Bromochloromethane	7.244	49	180624	58.812	ug/l	97
29) Tetrahydrofuran	7.262	42	176218	246.358	ug/l	99
30) Chloroform	7.415	83	452700	56.703	ug/l	92
31) Cyclohexane	7.695	56	369548	50.659	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	395153	55.782	ug/l	99
36) 1,1-Dichloropropene	7.835	75	324519	56.356	ug/l	99
37) Ethyl Acetate	6.982	43	127399	52.667	ug/l	98
38) Carbon Tetrachloride	7.811	117	351380	56.181	ug/l	98
39) Methylcyclohexane	9.109	83	412645	54.417	ug/l	99
40) Benzene	8.079	78	1015204	57.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	60193	43.117	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	257953	55.883	ug/l	98
43) Isopropyl Acetate	8.195	43	247901	50.705	ug/l	99
44) Trichloroethene	8.866	130	256850	56.001	ug/l	98
45) 1,2-Dichloropropane	9.140	63	236969	58.028	ug/l	98
46) Dibromomethane	9.231	93	132779	56.649	ug/l	98
47) Bromodichloromethane	9.420	83	344511	57.122	ug/l	98
48) Methyl methacrylate	9.219	41	123024	52.585	ug/l	99
49) 1,4-Dioxane	9.225	88	28396	1033.218	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	657357	260.657	ug/l	99
52) Toluene	10.170	92	647492	57.441	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	301282	55.165	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	360945	55.890	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	173079	55.184	ug/l	96
56) Ethyl methacrylate	10.438	69	213481	53.193	ug/l	97
57) 1,3-Dichloropropane	10.713	76	292765	55.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	530251	280.099	ug/l	100
59) 2-Hexanone	10.755	43	442922	257.924	ug/l	98
60) Dibromochloromethane	10.908	129	231534	55.947	ug/l	100
61) 1,2-Dibromoethane	11.012	107	159967	54.265	ug/l	99
64) Tetrachloroethene	10.646	164	288037	55.420	ug/l	99
65) Chlorobenzene	11.438	112	693789	55.261	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	237008	55.623	ug/l	99
67) Ethyl Benzene	11.518	91	1213079	56.146	ug/l	99
68) m/p-Xylenes	11.627	106	959256	113.678	ug/l	100
69) o-Xylene	11.950	106	445491	56.368	ug/l	99
70) Styrene	11.969	104	755359	58.442	ug/l	99
71) Bromoform	12.127	173	128615	51.645	ug/l #	98
73) Isopropylbenzene	12.249	105	1153144	56.330	ug/l	100
74) N-amyl acetate	12.066	43	224404	51.690	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	180470	51.630	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	244310	87.276	ug/l #	100
77) Bromobenzene	12.530	156	264791	54.218	ug/l	99
78) n-propylbenzene	12.590	91	1411858	57.928	ug/l	100
79) 2-Chlorotoluene	12.676	91	778755	55.767	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	950021	57.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	56963	49.259	ug/l	96
82) 4-Chlorotoluene	12.773	91	813961	56.188	ug/l	100
83) tert-Butylbenzene	12.993	119	830094	55.552	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	956285	58.063	ug/l	100
85) sec-Butylbenzene	13.170	105	1262155	57.500	ug/l	99
86) p-Isopropyltoluene	13.285	119	1062415	58.310	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	540543	56.125	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	526660	55.125	ug/l	100
89) n-Butylbenzene	13.615	91	968977	57.904	ug/l	100
90) Hexachloroethane	13.877	117	210671	56.482	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	469762	55.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	28212	51.839	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	258580	51.769	ug/l	99
94) Hexachlorobutadiene	15.017	225	158788	54.099	ug/l	99
95) Naphthalene	15.139	128	433775	50.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	220135	51.145	ug/l	99

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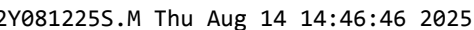
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

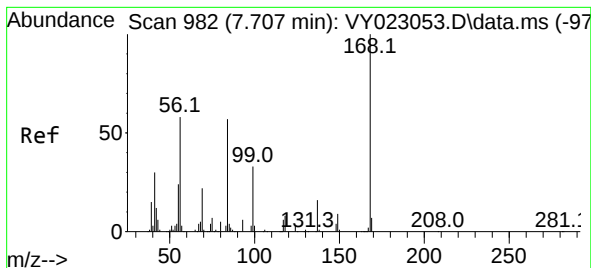
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023084.D

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ClientSampleId :

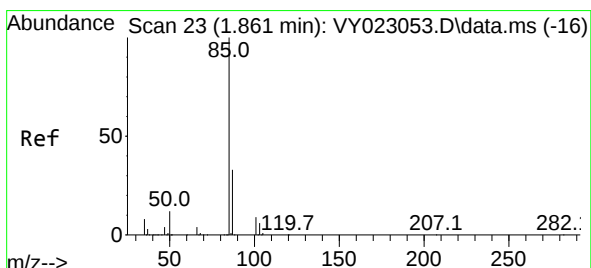
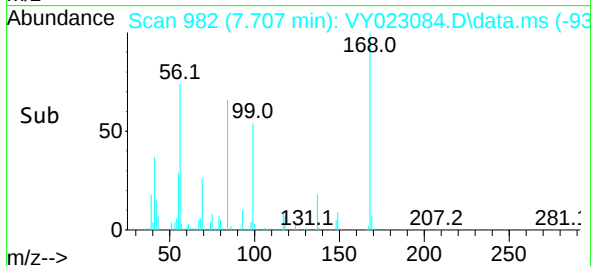
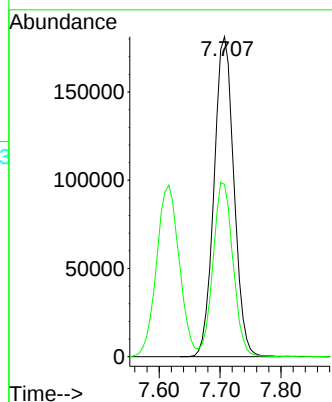
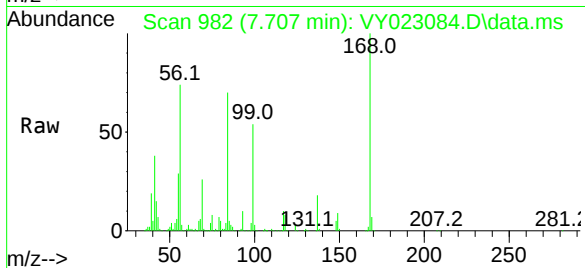
VSTDCCC050

Tgt Ion:168 Resp: 410930

Ion Ratio Lower Upper

168 100

99 53.7 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 45.046 ug/l

RT: 1.861 min Scan# 23

Delta R.T. 0.000 min

Lab File: VY023084.D

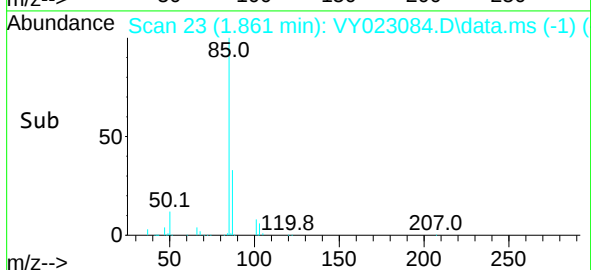
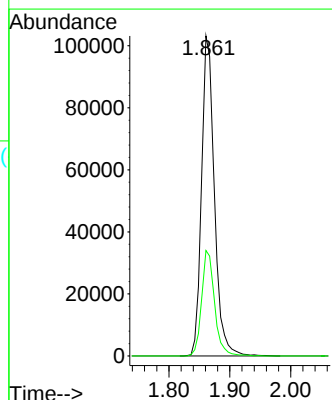
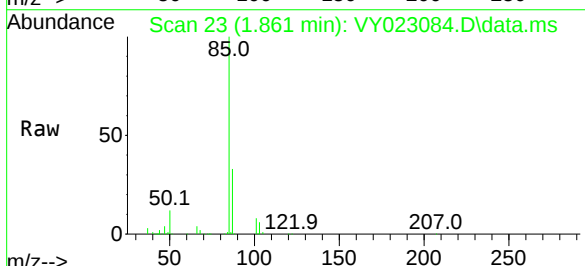
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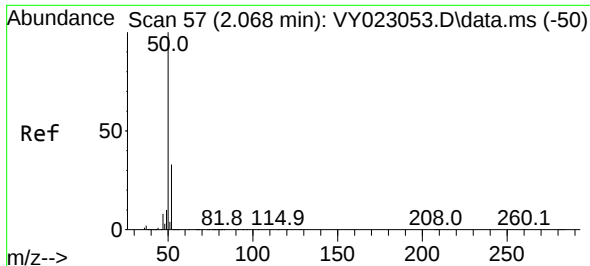
Tgt Ion: 85 Resp: 151094

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.8

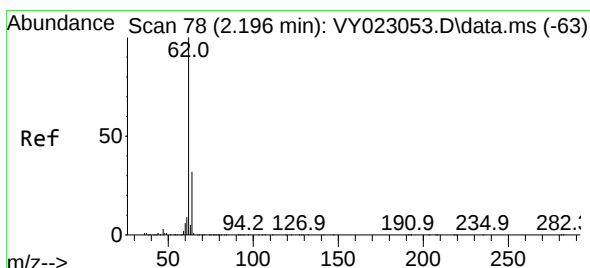
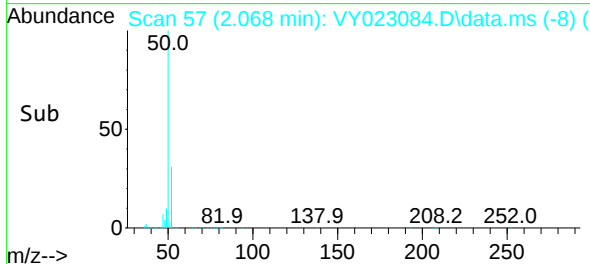
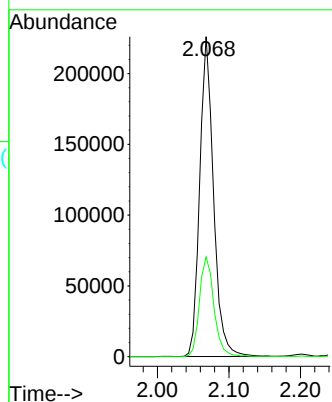
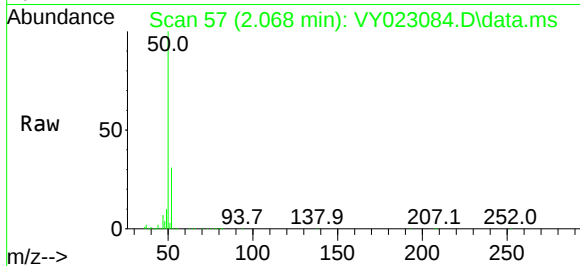




#3
Chloromethane
Concen: 55.814 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023084.D
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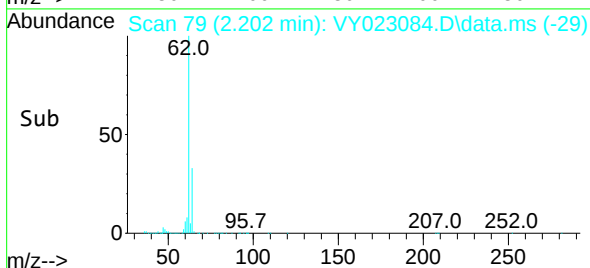
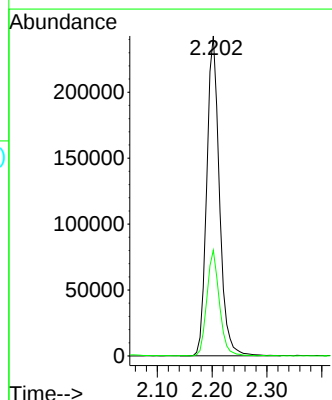
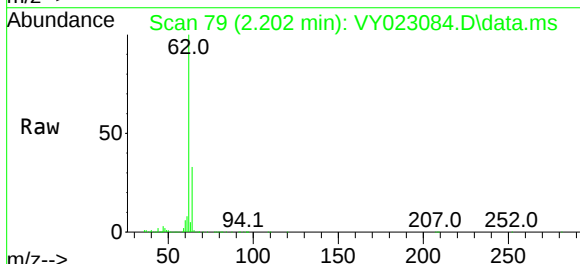
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

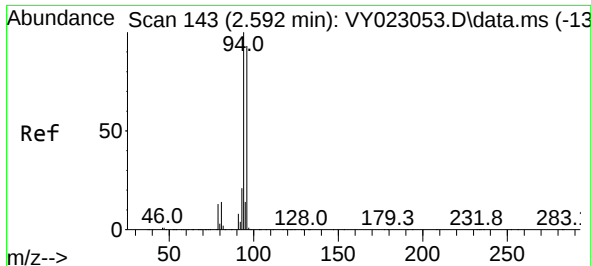
Tgt Ion: 50 Resp: 303228
Ion Ratio Lower Upper
50 100
52 31.2 26.7 40.1



#4
Vinyl Chloride
Concen: 57.916 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 62 Resp: 388943
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0

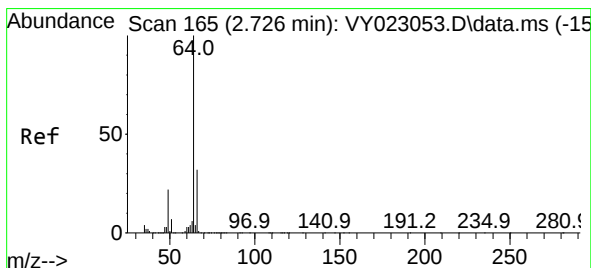
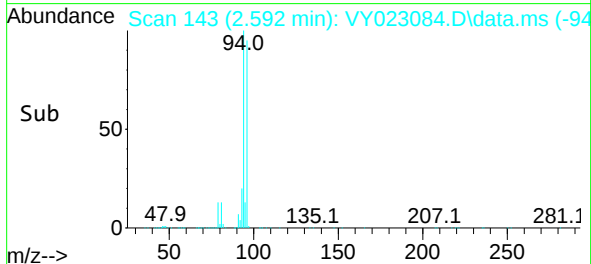
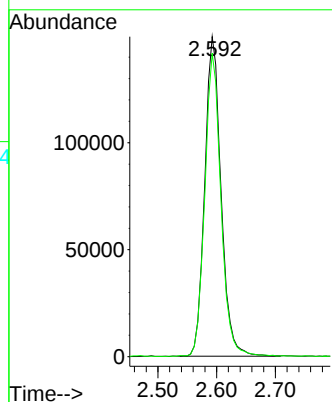
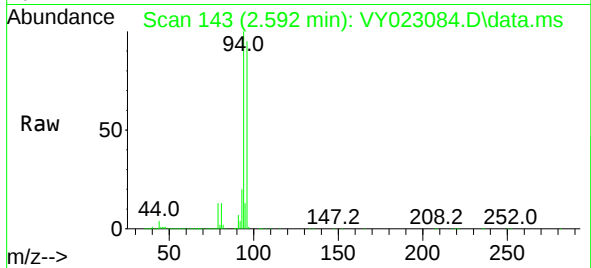




#5
Bromomethane
Concen: 57.438 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

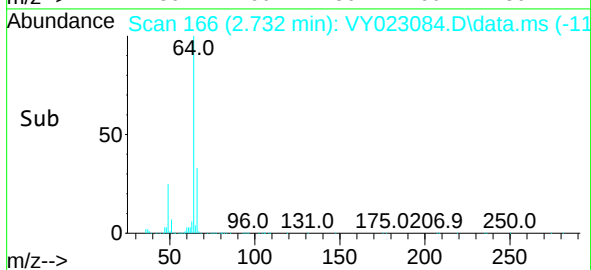
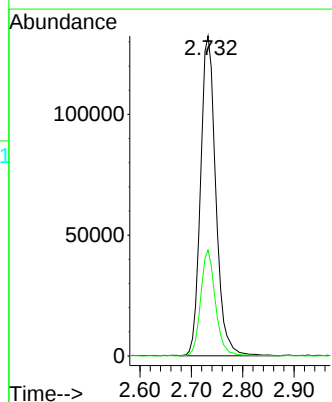
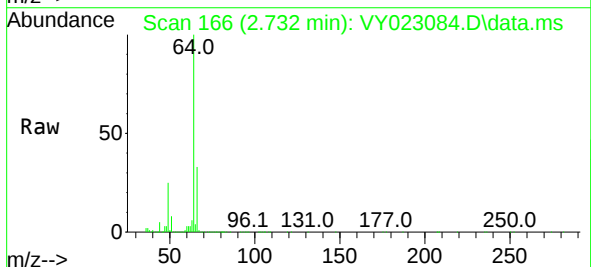
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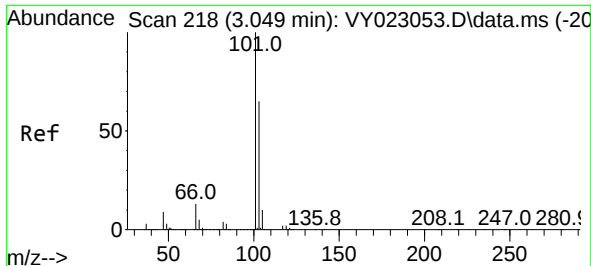
Tgt Ion: 94 Resp: 288079
Ion Ratio Lower Upper
94 100
96 94.7 74.6 112.0



#6
Chloroethane
Concen: 61.186 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 64 Resp: 273182
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.6

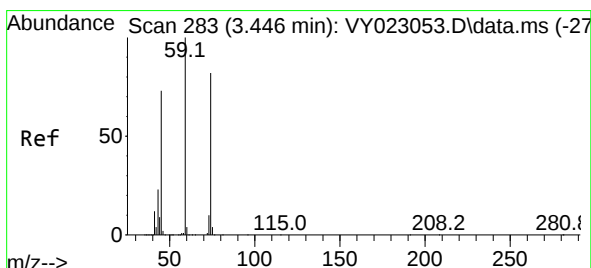
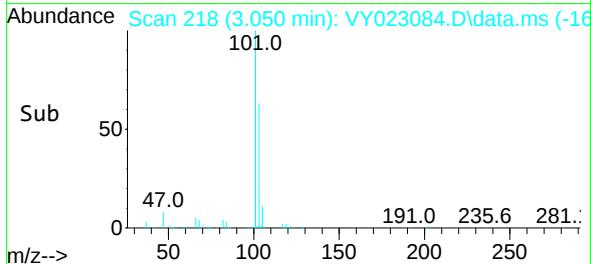
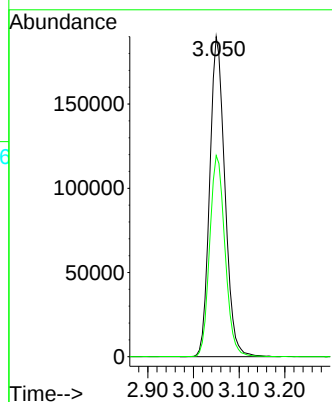
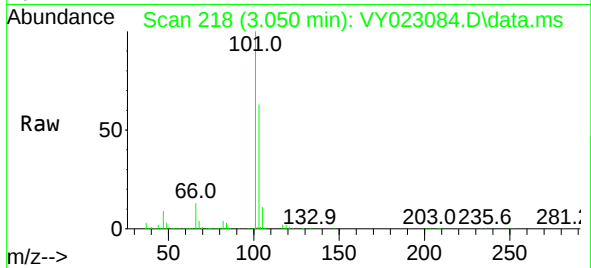




#7
Trichlorofluoromethane
Concen: 53.672 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

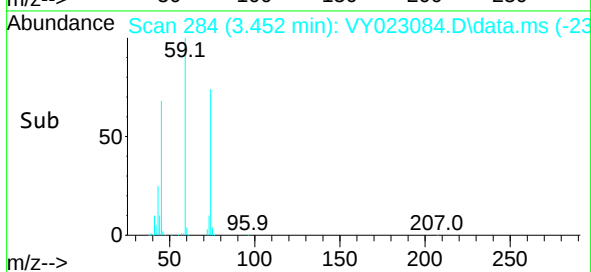
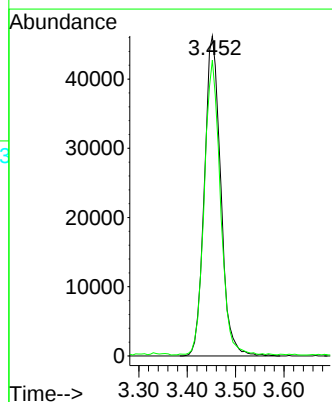
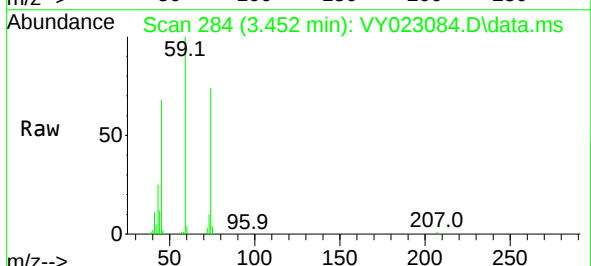
Instrument :
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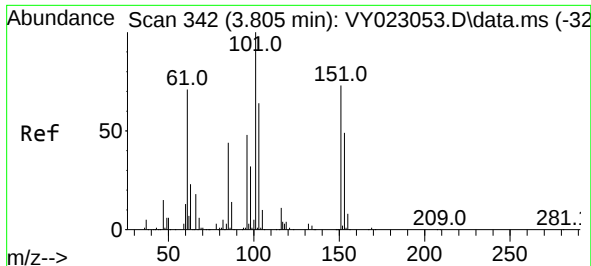
Tgt Ion:101 Resp: 438280
Ion Ratio Lower Upper
101 100
103 62.9 51.9 77.9



#8
Diethyl Ether
Concen: 50.120 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 74 Resp: 108282
Ion Ratio Lower Upper
74 100
45 91.1 44.4 133.2

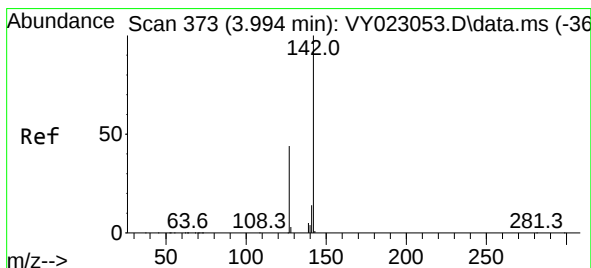
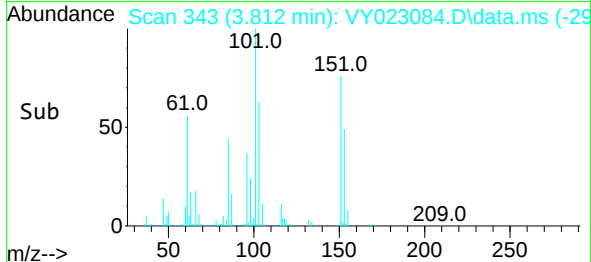
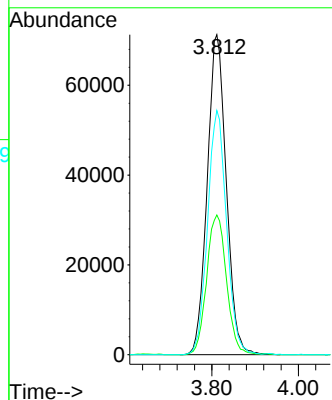
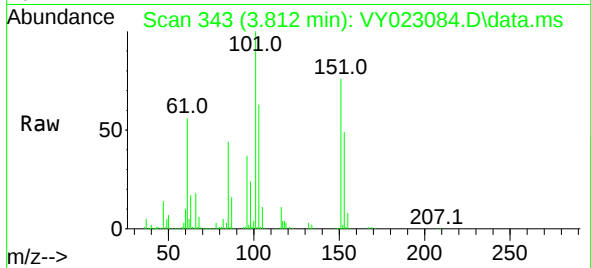




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.071 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

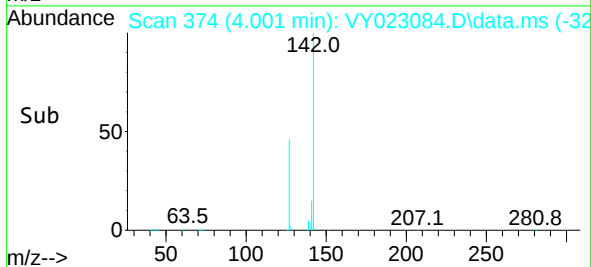
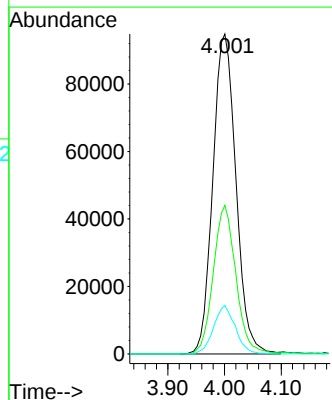
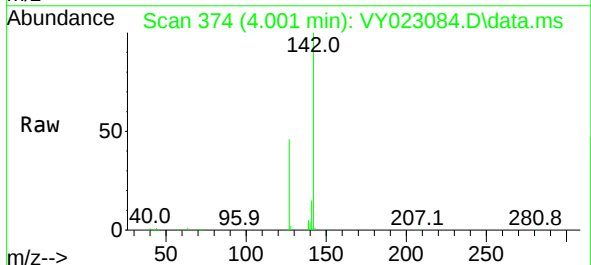
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

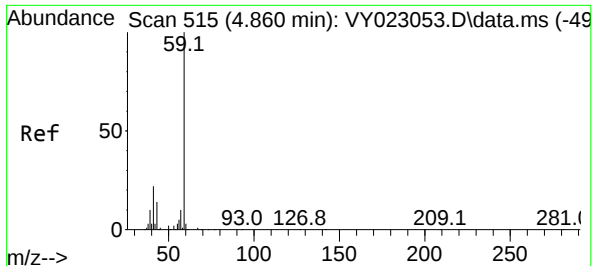
Tgt Ion:101 Resp: 217833
Ion Ratio Lower Upper
101 100
85 45.5 36.3 54.5
151 76.2 61.5 92.3



#10
Methyl Iodide
Concen: 61.652 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion:142 Resp: 268014
Ion Ratio Lower Upper
142 100
127 45.4 34.9 52.3
141 14.4 11.3 16.9





#11

Tert butyl alcohol

Concen: 216.906 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

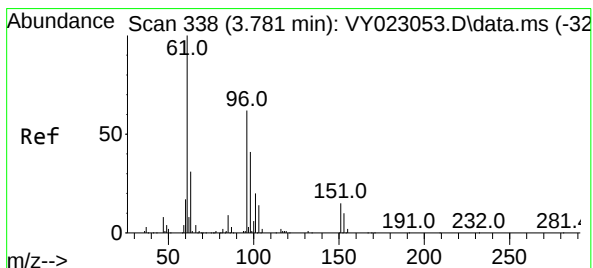
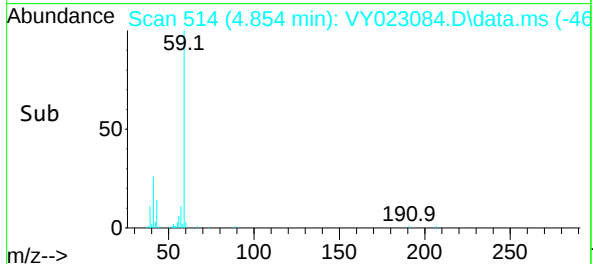
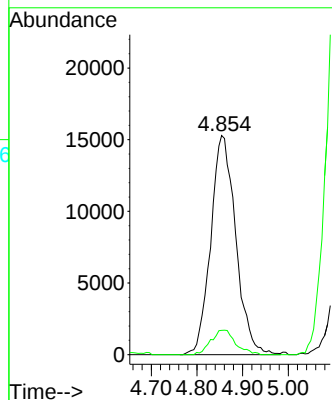
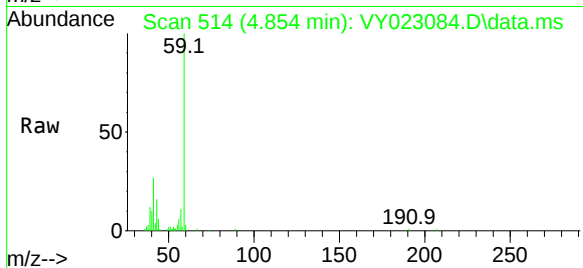
VSTDCCC050

Tgt Ion: 59 Resp: 58207

Ion Ratio Lower Upper

59 100

57 11.0 8.6 13.0



#12

1,1-Dichloroethene

Concen: 53.125 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

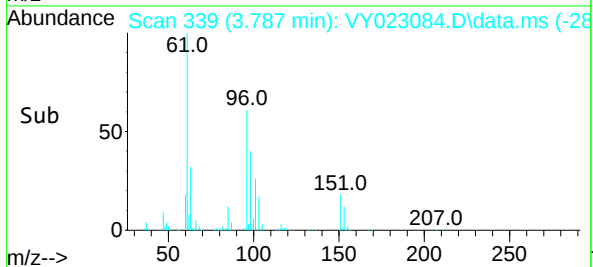
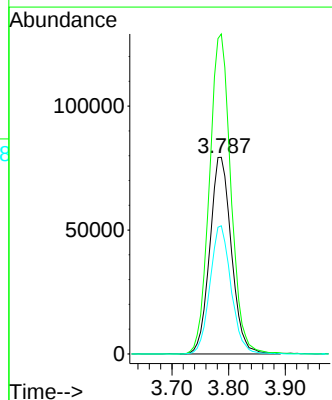
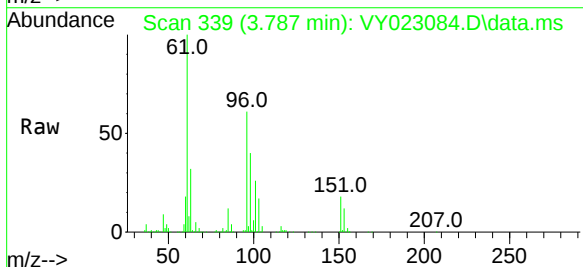
Tgt Ion: 96 Resp: 210368

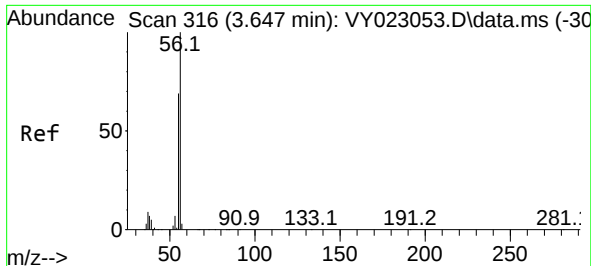
Ion Ratio Lower Upper

96 100

61 162.8 129.4 194.2

98 65.2 52.8 79.2

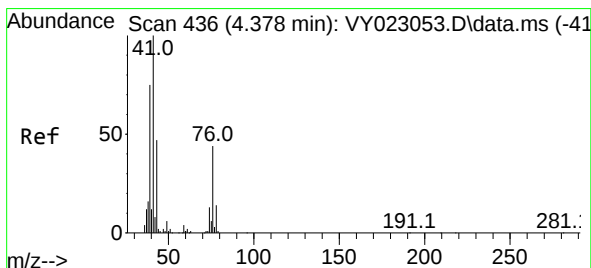
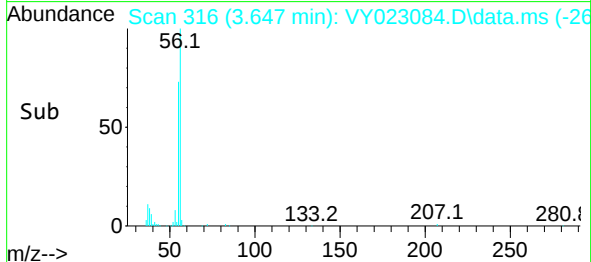
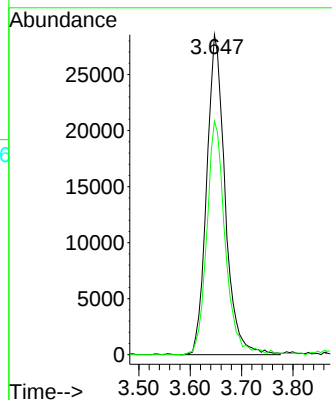
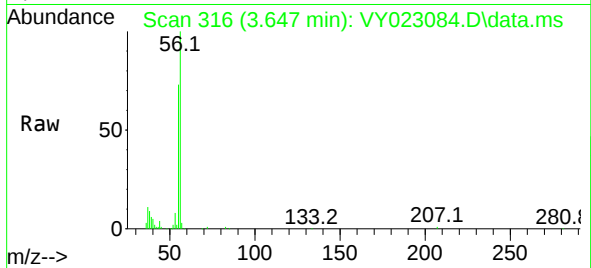




#13
Acrolein
Concen: 180.505 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

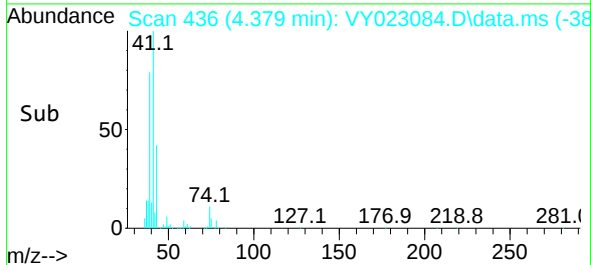
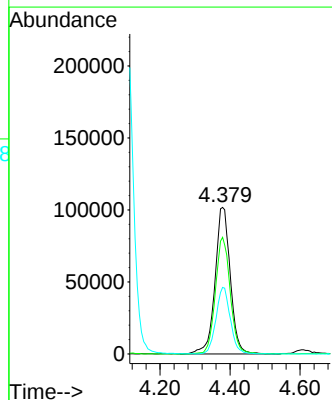
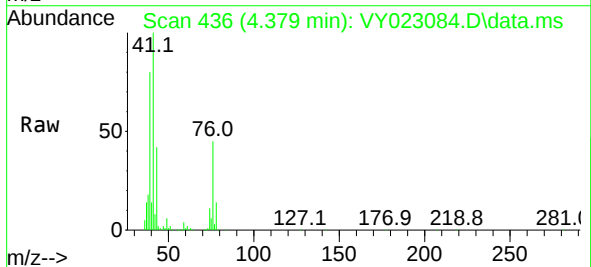
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

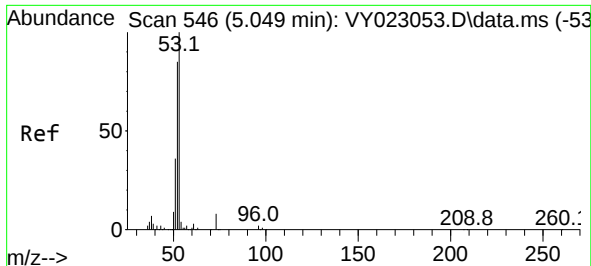
Tgt Ion: 56 Resp: 70939
Ion Ratio Lower Upper
56 100
55 72.8 55.2 82.8



#14
Allyl chloride
Concen: 53.120 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 41 Resp: 309516
Ion Ratio Lower Upper
41 100
39 77.3 59.8 89.6
76 42.3 33.7 50.5

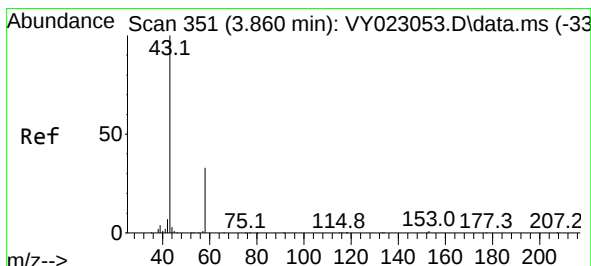
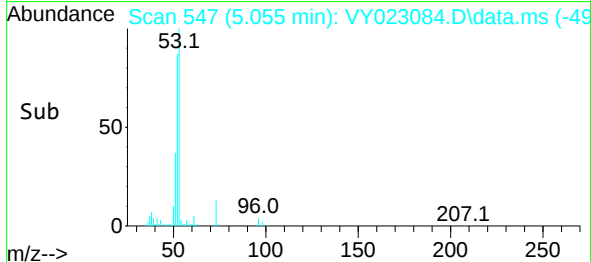
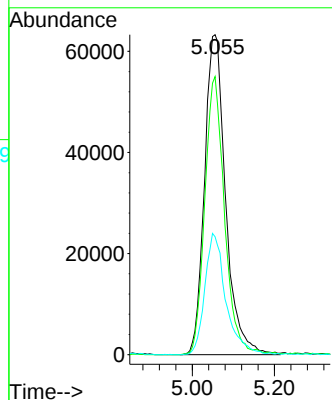
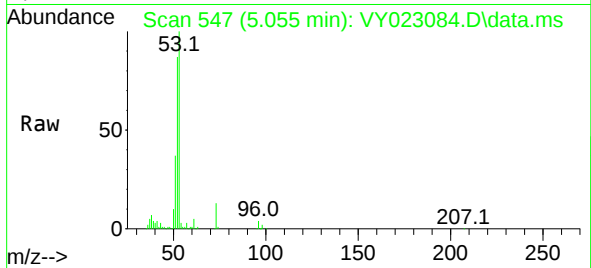




#15
Acrylonitrile
Concen: 257.151 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

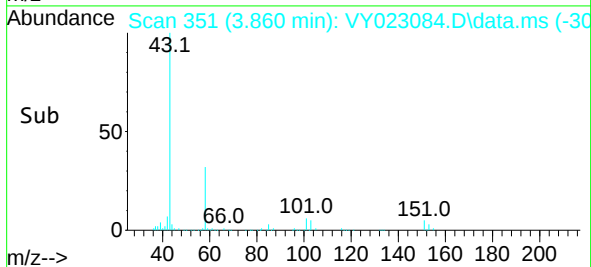
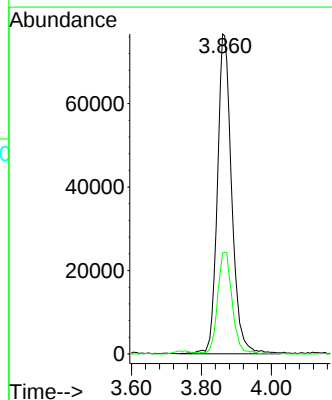
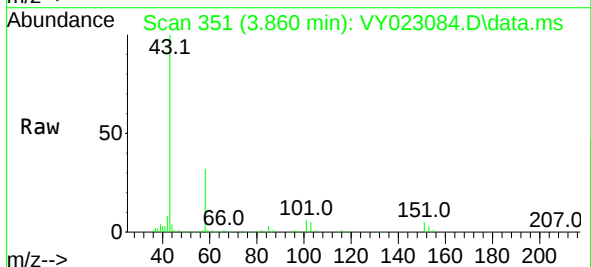
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

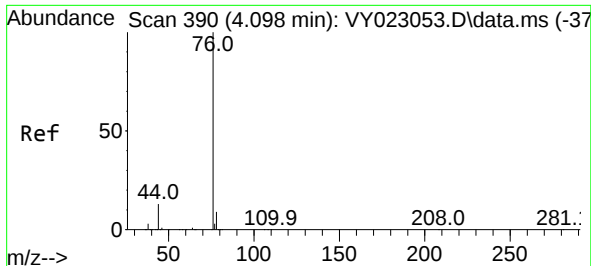
Tgt Ion: 53 Resp: 225862
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 37.6 29.5 44.3



#16
Acetone
Concen: 256.214 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 43 Resp: 217392
Ion Ratio Lower Upper
43 100
58 31.5 27.1 40.7

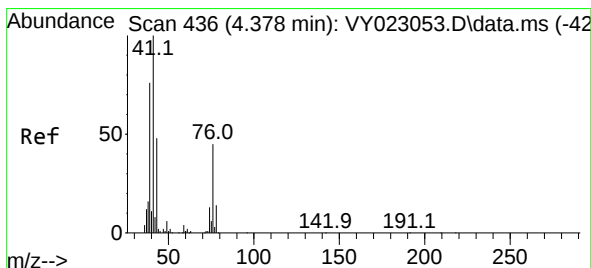
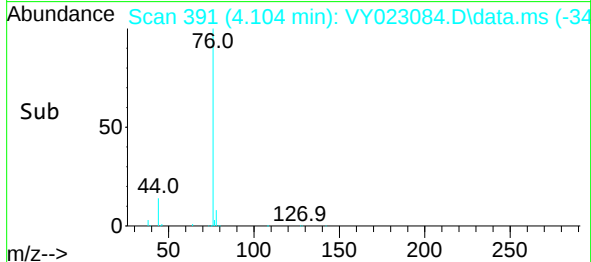
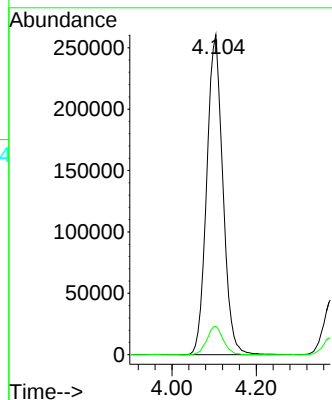
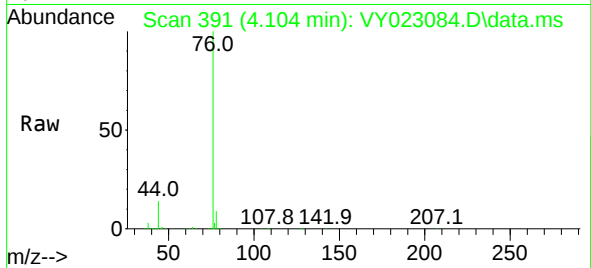




#17
Carbon Disulfide
Concen: 53.714 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

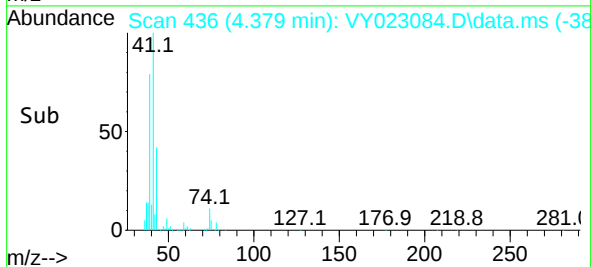
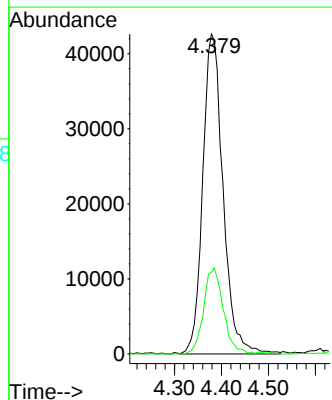
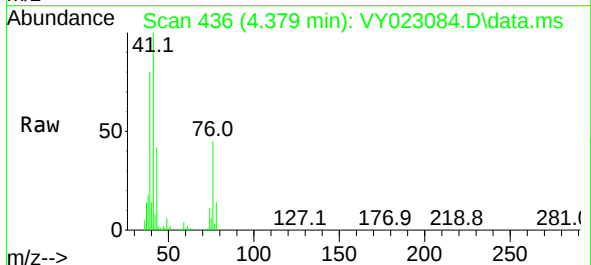
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

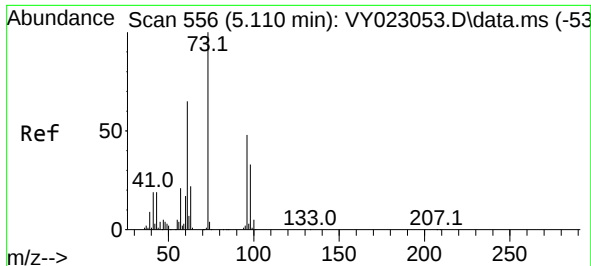
Tgt Ion: 76 Resp: 693545
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 50.608 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 43 Resp: 127782
Ion Ratio Lower Upper
43 100
74 26.0 21.2 31.8

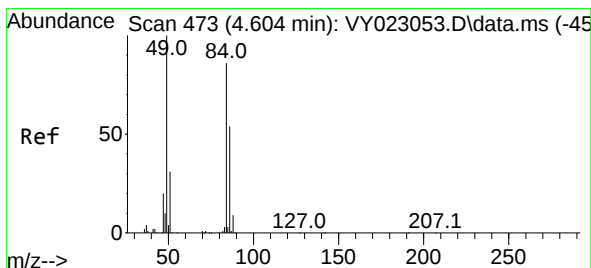
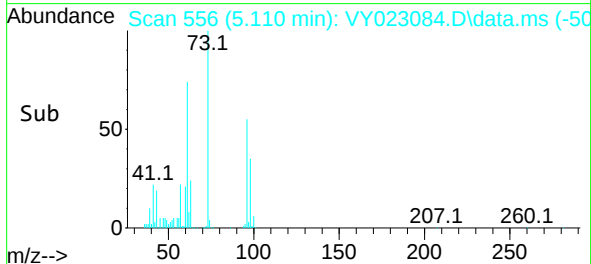
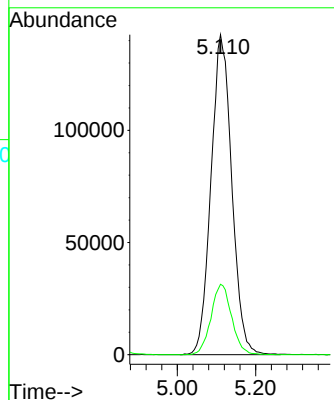
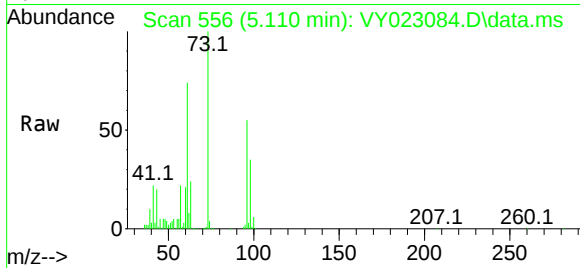




#19
Methyl tert-butyl Ether
Concen: 51.188 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

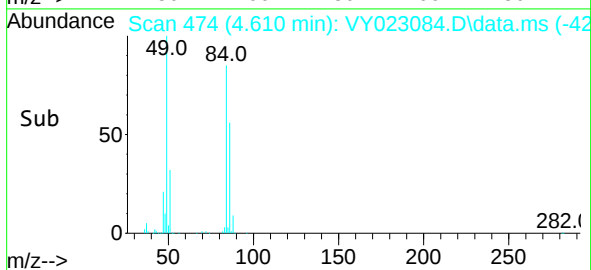
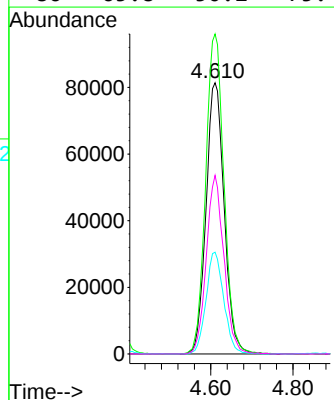
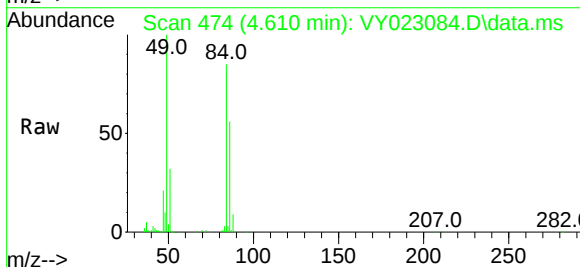
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

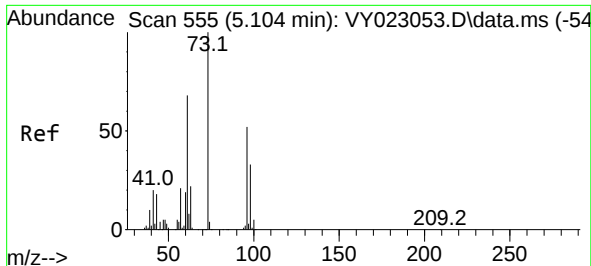
Tgt Ion: 73 Resp: 525251
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 57.006 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 84 Resp: 249658
Ion Ratio Lower Upper
84 100
49 117.9 93.0 139.6
51 37.5 29.0 43.4
86 65.8 50.2 75.4

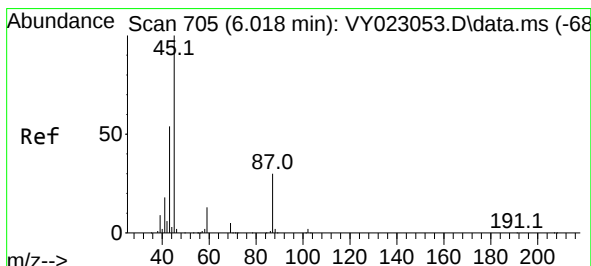
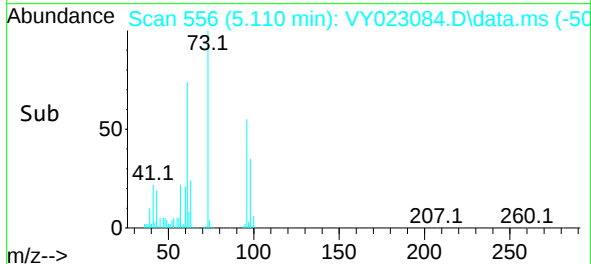
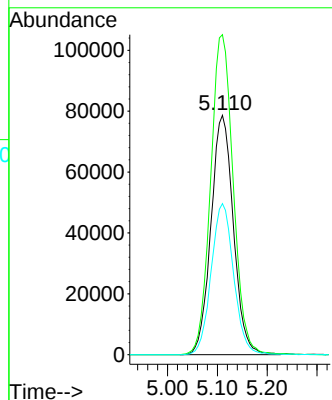
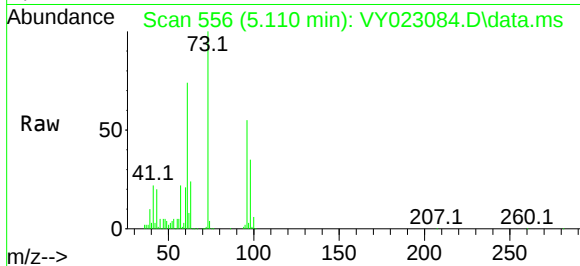




#21
trans-1,2-Dichloroethene
Concen: 55.278 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

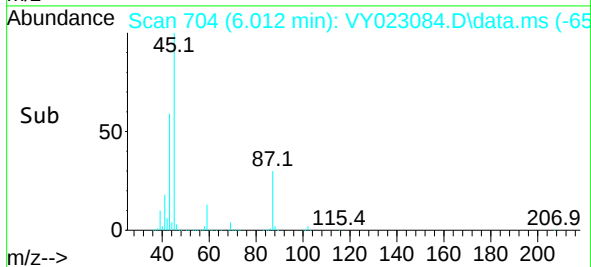
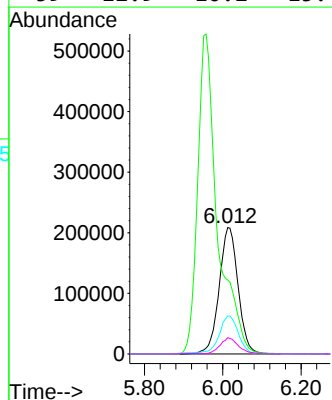
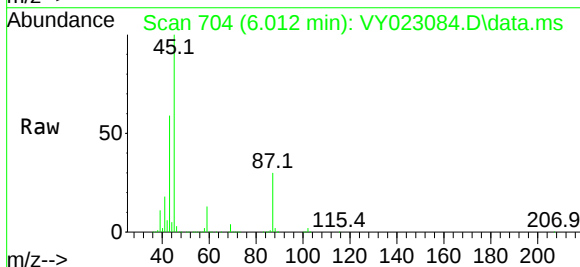
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

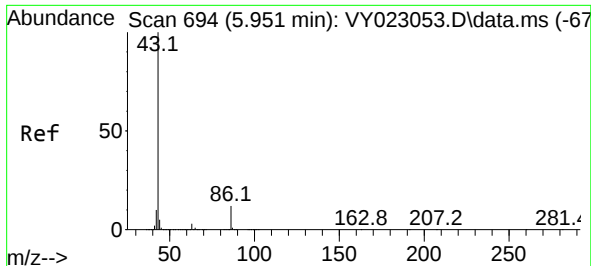
Tgt Ion: 96 Resp: 245991
Ion Ratio Lower Upper
96 100
61 133.6 104.8 157.2
98 63.1 50.1 75.1



#22
Diisopropyl ether
Concen: 55.396 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 45 Resp: 701401
Ion Ratio Lower Upper
45 100
43 58.3 43.4 65.0
87 29.9 24.4 36.6
59 12.9 10.2 15.4

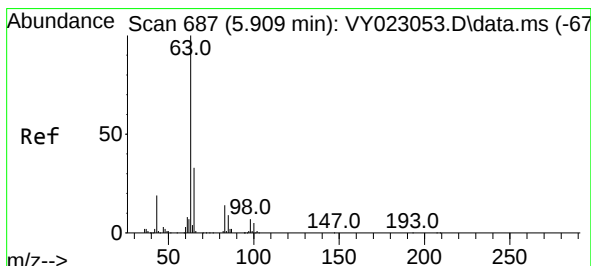
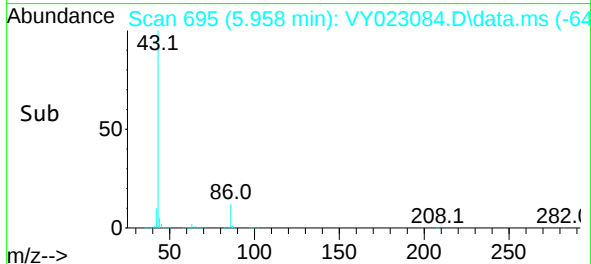
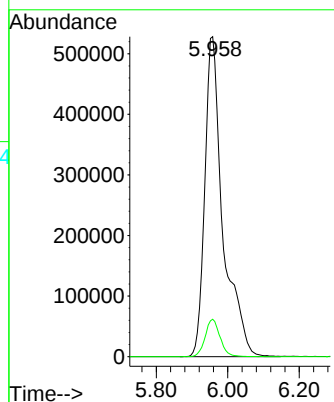
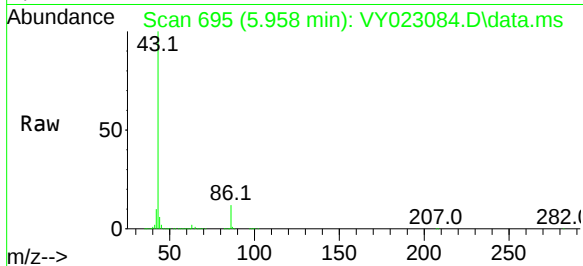




#23
 Vinyl Acetate
 Concen: 265.520 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023084.D
 Acq: 14 Aug 2025 10:17

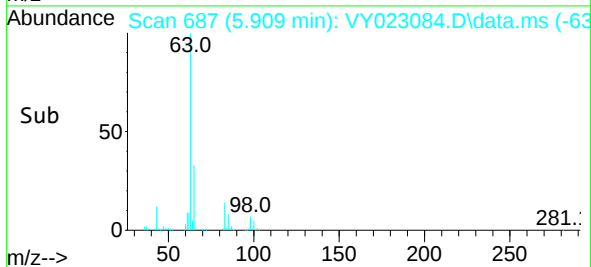
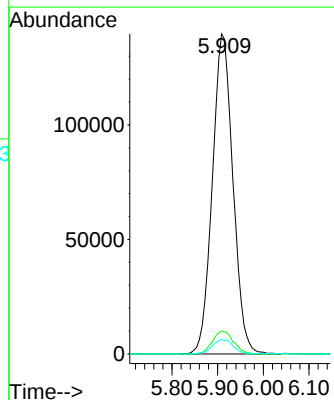
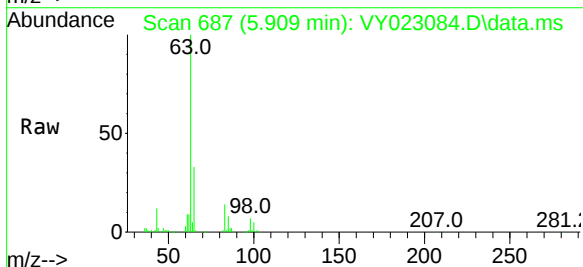
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

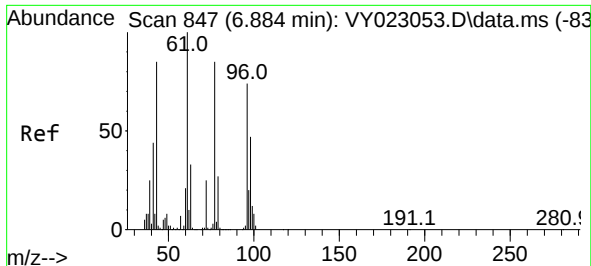
Tgt Ion: 43 Resp: 1858955
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 56.544 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023084.D
 Acq: 14 Aug 2025 10:17

Tgt Ion: 63 Resp: 437716
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.6 2.4 7.1

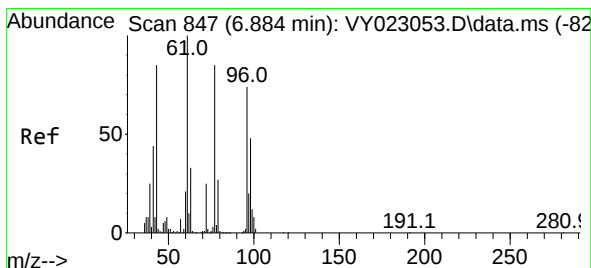
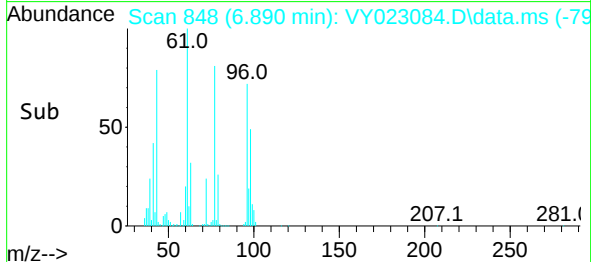
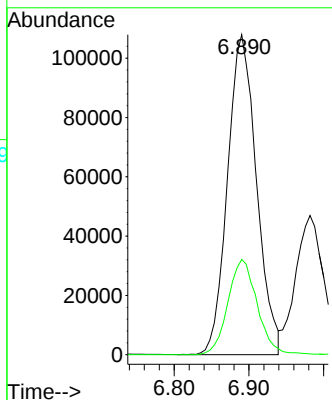
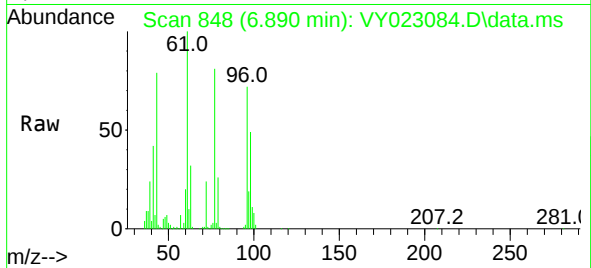




#25
2-Butanone
Concen: 252.314 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

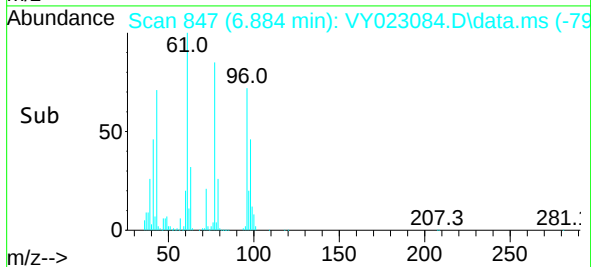
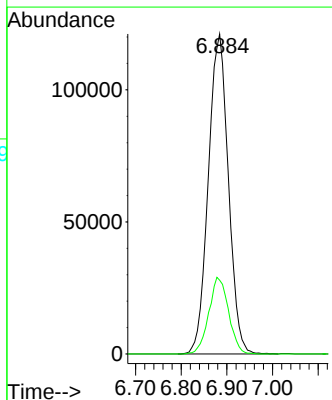
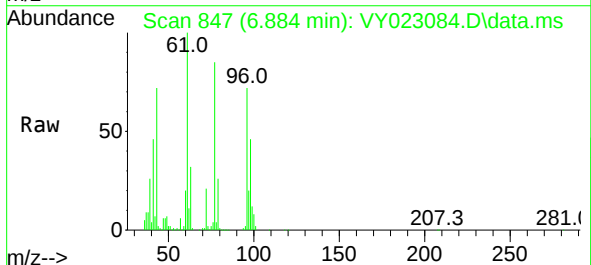
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

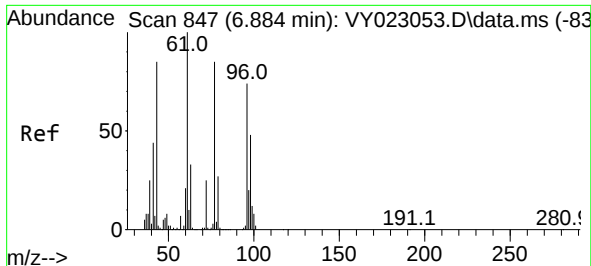
Tgt Ion: 43 Resp: 291161
Ion Ratio Lower Upper
43 100
72 29.8 23.5 35.3



#26
2,2-Dichloropropane
Concen: 55.247 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 77 Resp: 369032
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.8

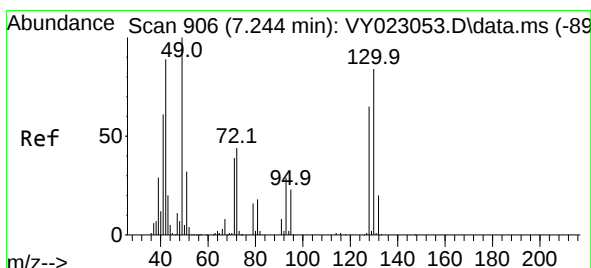
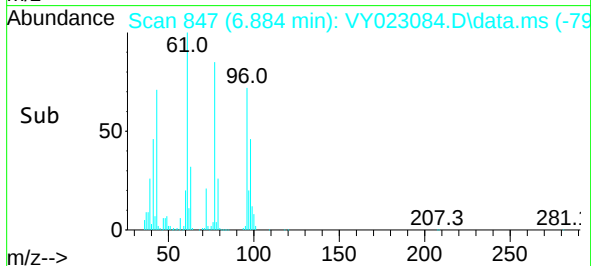
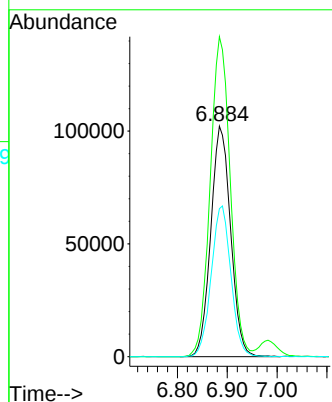
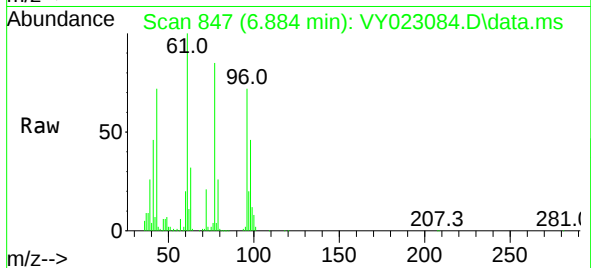




#27
cis-1,2-Dichloroethene
Concen: 54.962 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

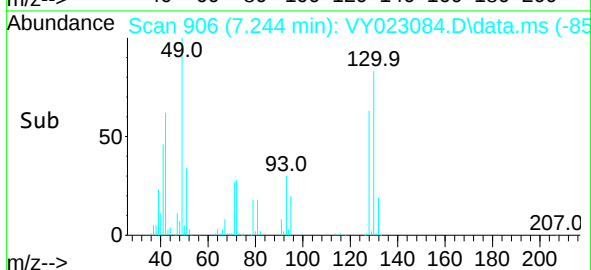
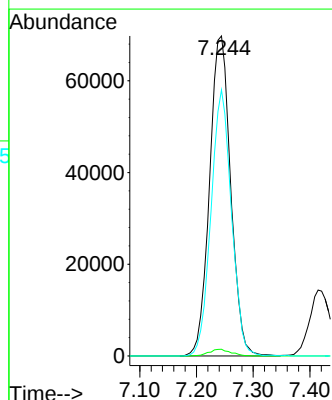
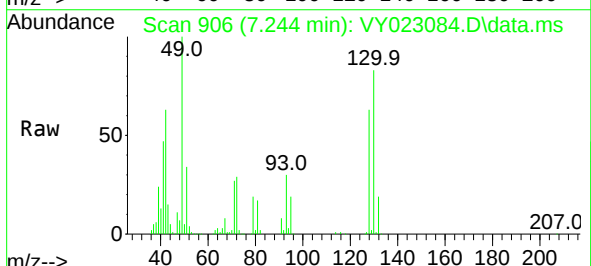
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

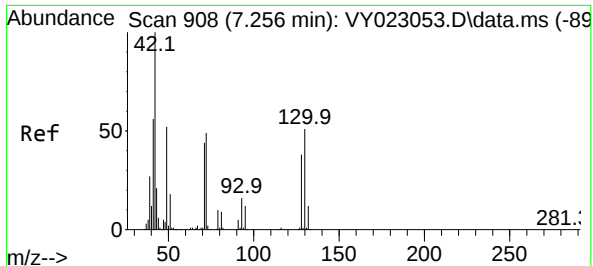
Tgt Ion: 96 Resp: 282758
Ion Ratio Lower Upper
96 100
61 140.4 0.0 278.6
98 64.9 0.0 130.4



#28
Bromochloromethane
Concen: 58.812 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 49 Resp: 180624
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 80.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 246.358 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

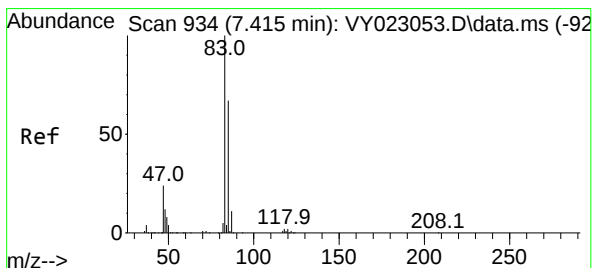
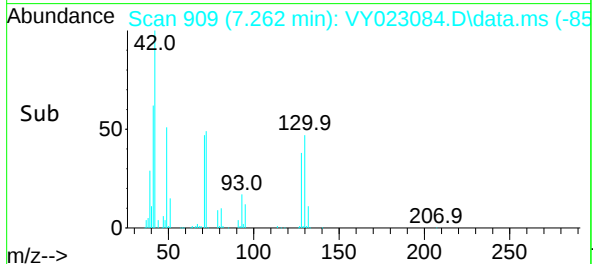
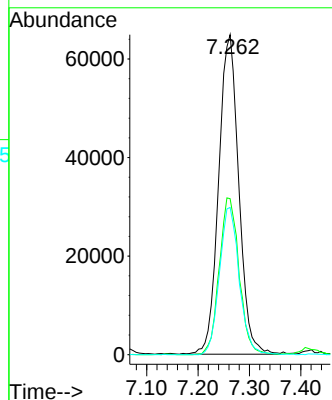
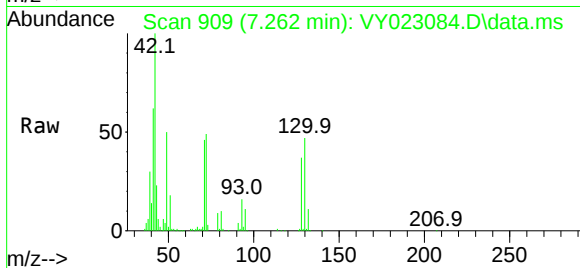
Tgt Ion: 42 Resp: 176218

Ion Ratio Lower Upper

42 100

72 48.6 39.4 59.2

71 45.4 36.5 54.7



#30

Chloroform

Concen: 56.703 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY023084.D

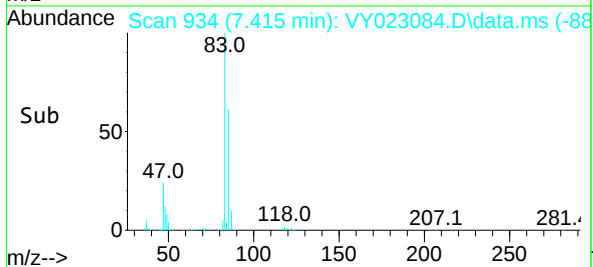
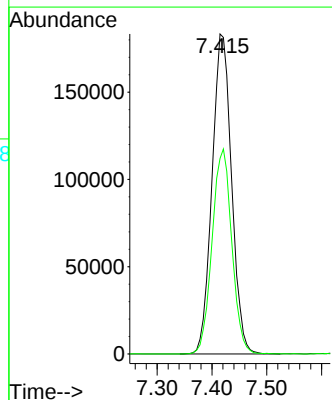
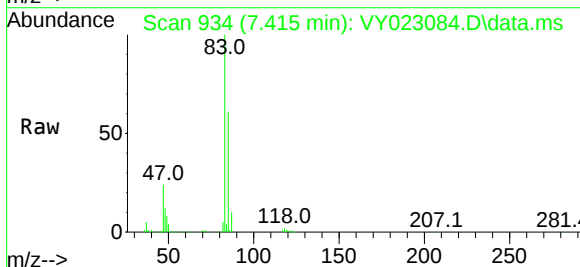
Acq: 14 Aug 2025 10:17

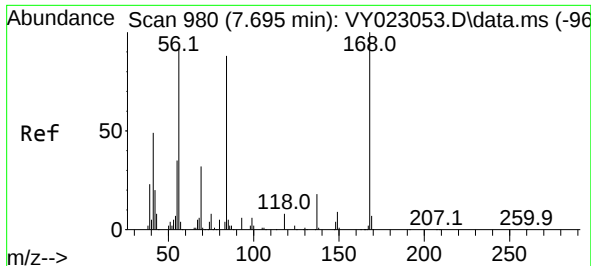
Tgt Ion: 83 Resp: 452700

Ion Ratio Lower Upper

83 100

85 61.1 53.8 80.8

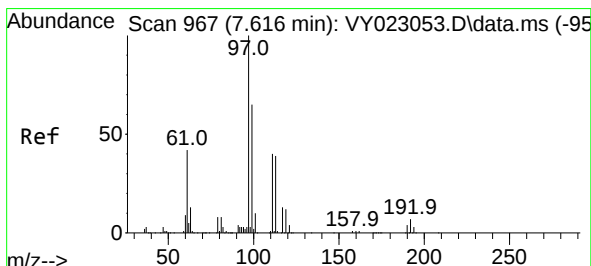
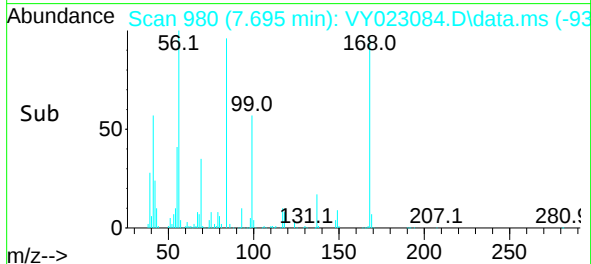
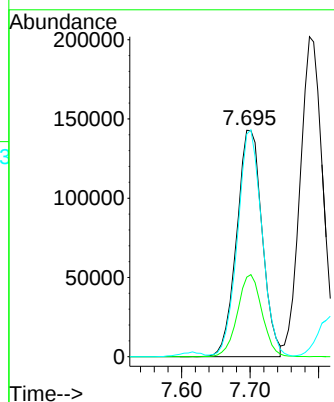
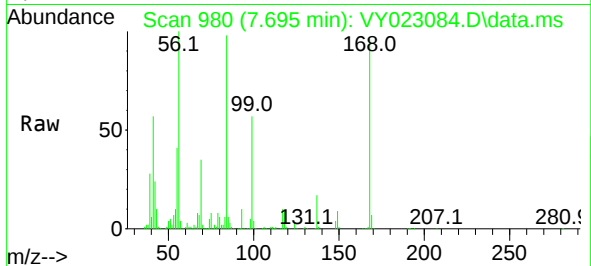




#31
Cyclohexane
Concen: 50.659 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

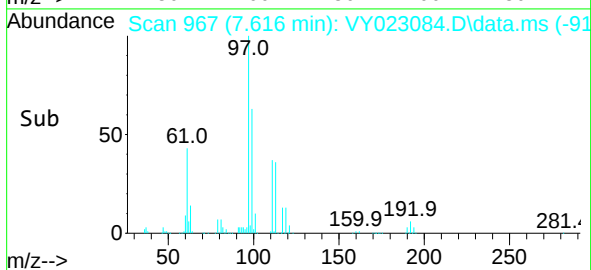
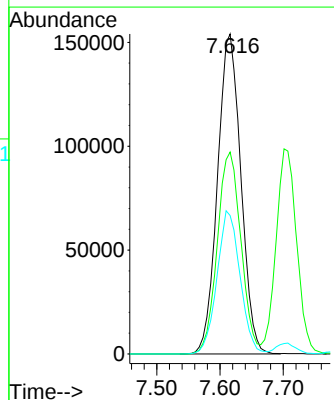
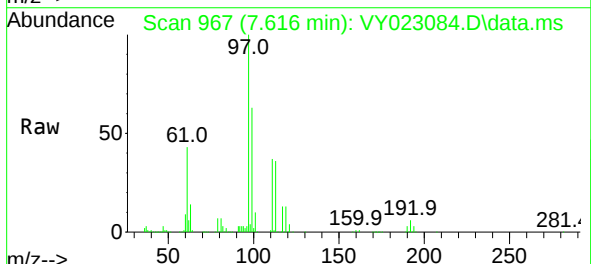
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

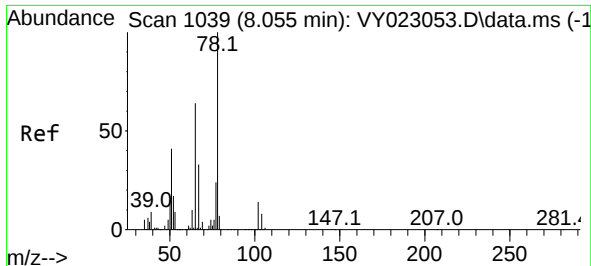
Tgt Ion: 56 Resp: 369548
Ion Ratio Lower Upper
56 100
69 35.1 28.2 42.2
84 97.3 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 55.782 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 97 Resp: 395153
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 44.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 56.681 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

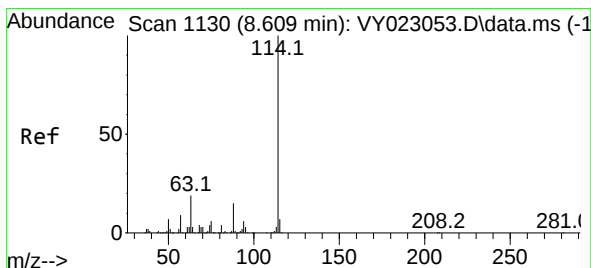
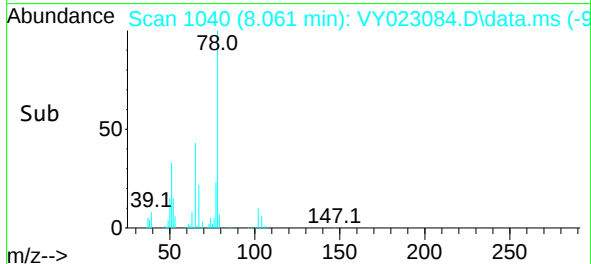
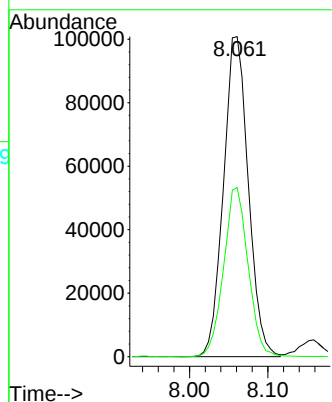
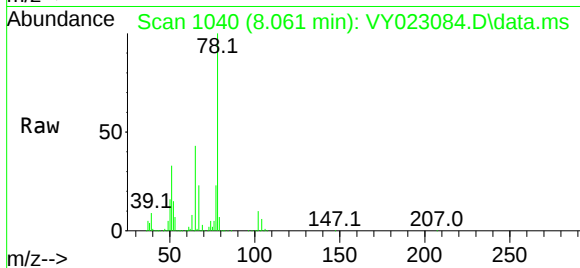
VSTDCCC050

Tgt Ion: 65 Resp: 221987

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

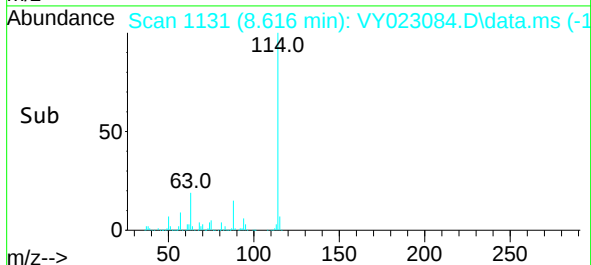
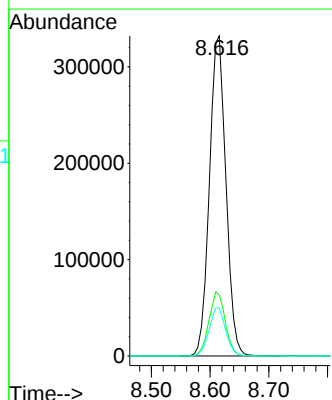
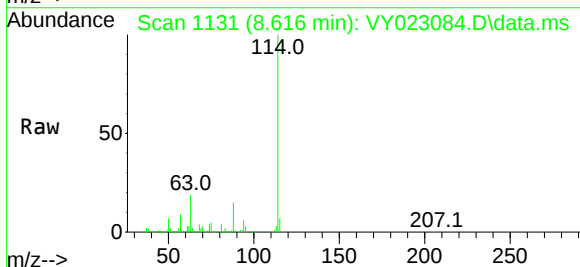
Tgt Ion: 114 Resp: 647551

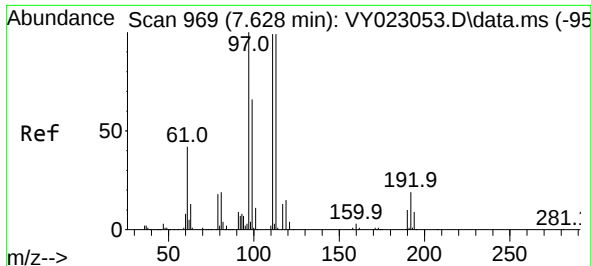
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.0 0.0 30.0

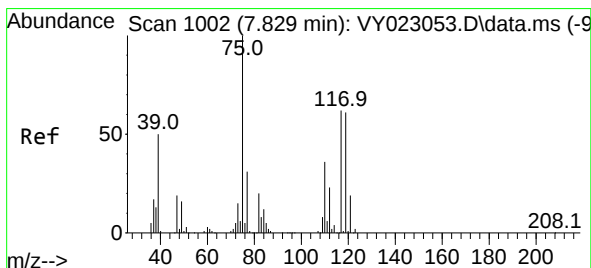
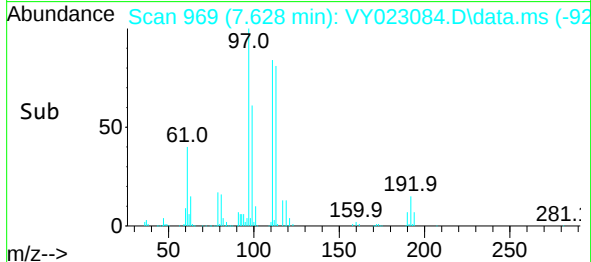
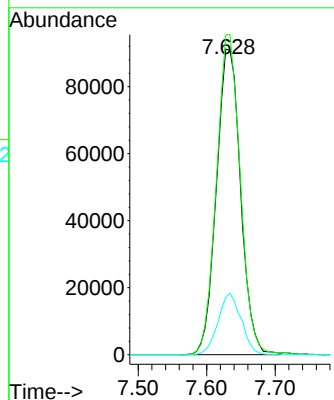
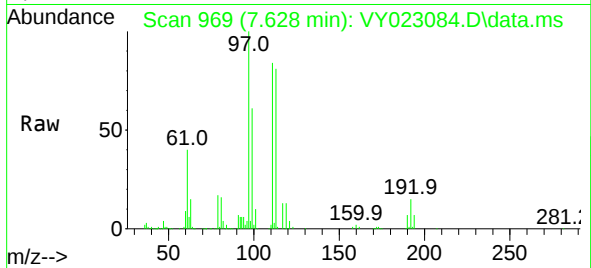




#35
Dibromofluoromethane
Concen: 57.573 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

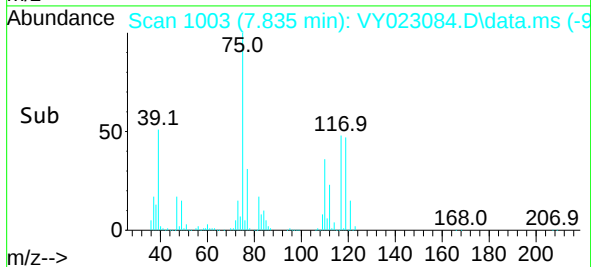
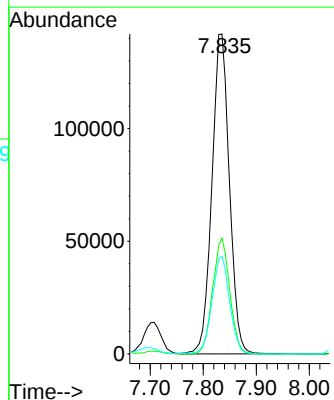
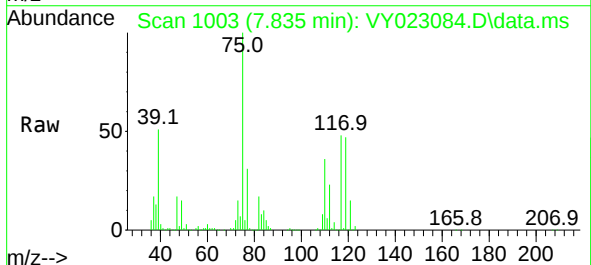
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

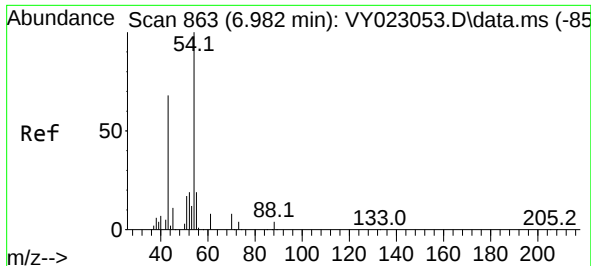
Tgt Ion:113 Resp: 223080
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 19.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 56.356 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 75 Resp: 324519
Ion Ratio Lower Upper
75 100
110 35.6 18.1 54.4
77 30.9 24.6 37.0

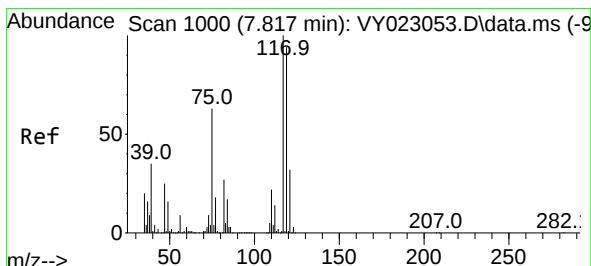
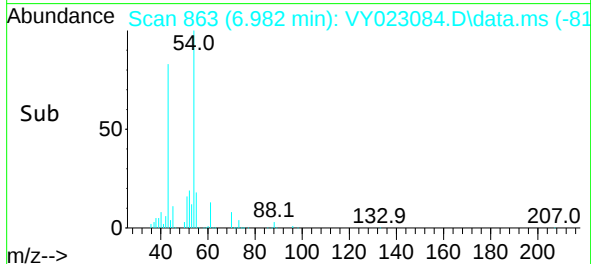
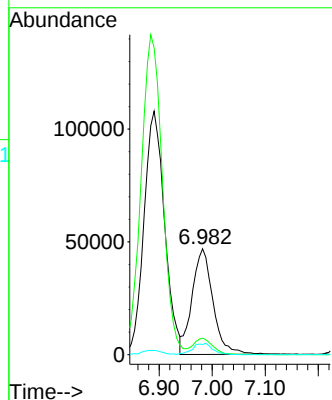
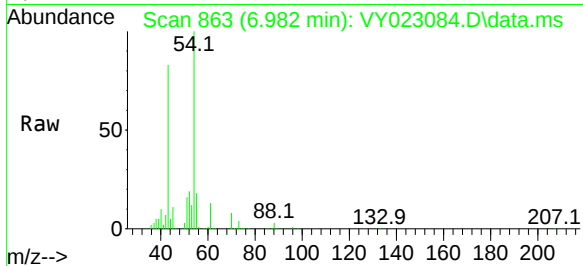




#37
Ethyl Acetate
Concen: 52.667 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

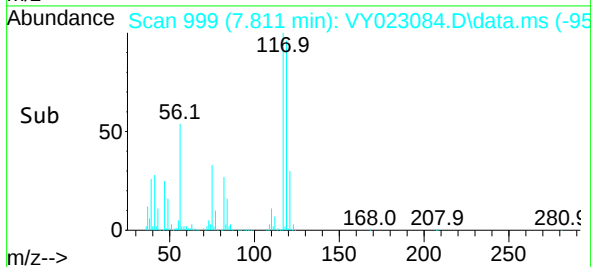
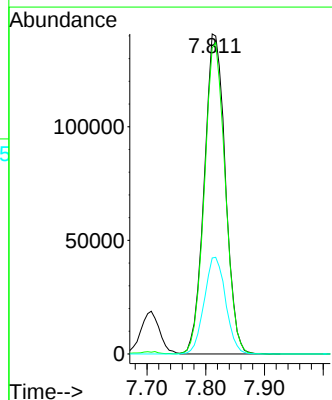
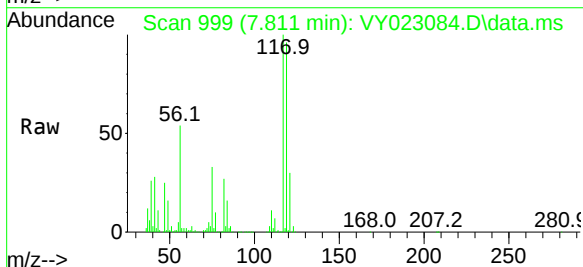
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

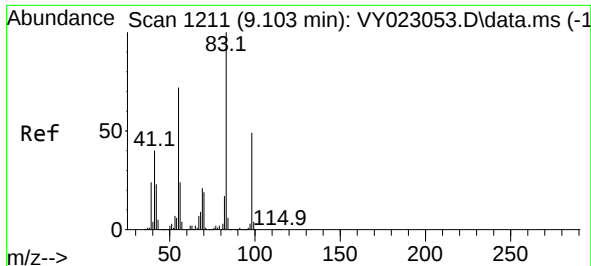
Tgt Ion: 43 Resp: 127399
Ion Ratio Lower Upper
43 100
61 14.1 11.9 17.9
70 10.3 8.8 13.2



#38
Carbon Tetrachloride
Concen: 56.181 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 117 Resp: 351380
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4
121 30.0 25.8 38.8





#39

Methylcyclohexane

Concen: 54.417 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

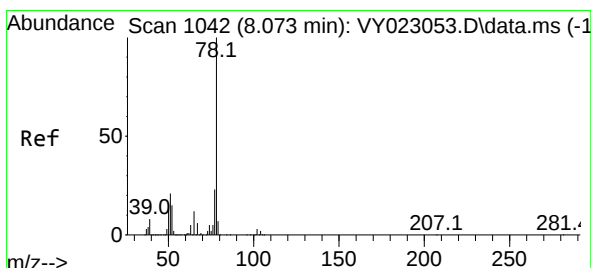
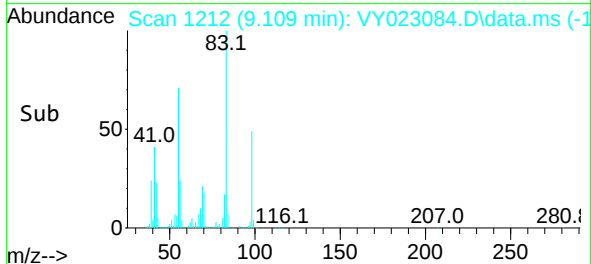
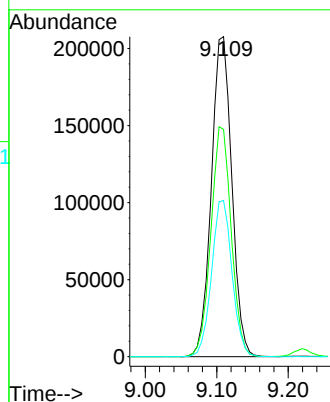
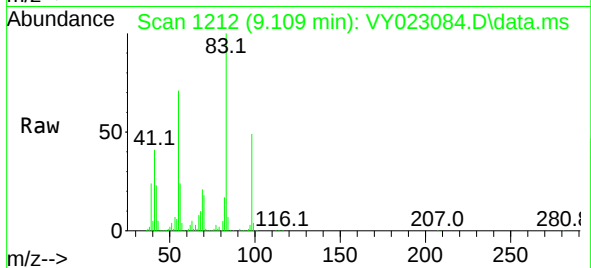
Tgt Ion: 83 Resp: 412645

Ion Ratio Lower Upper

83 100

55 71.0 57.6 86.4

98 48.8 39.2 58.8



#40

Benzene

Concen: 57.200 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023084.D

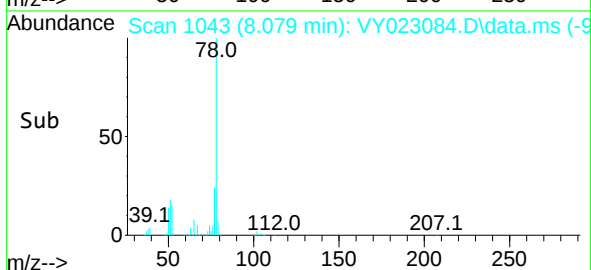
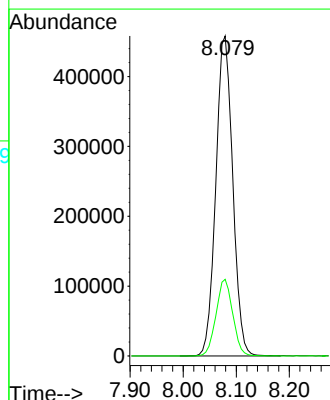
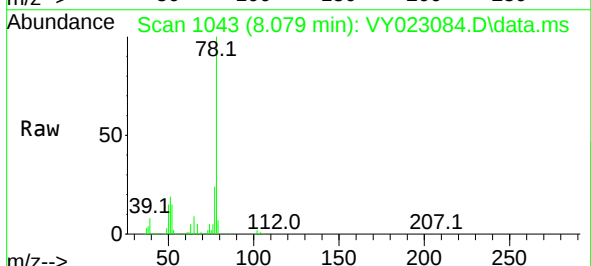
Acq: 14 Aug 2025 10:17

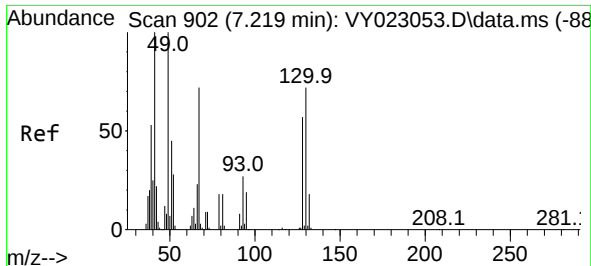
Tgt Ion: 78 Resp: 1015204

Ion Ratio Lower Upper

78 100

77 24.0 18.6 28.0

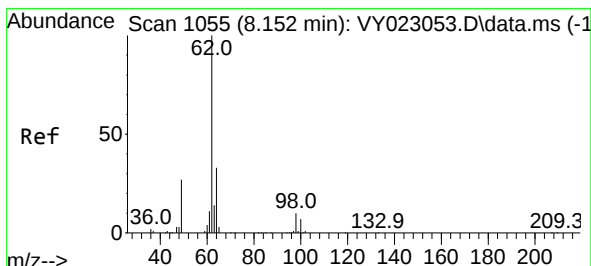
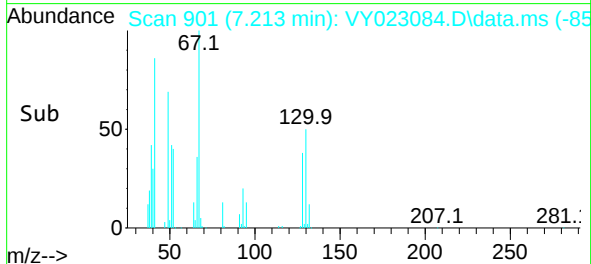
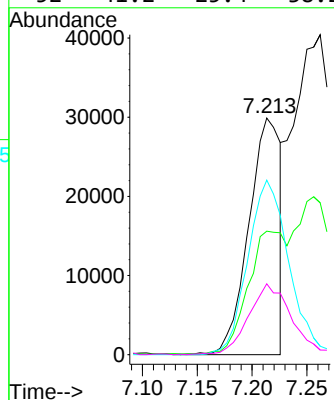
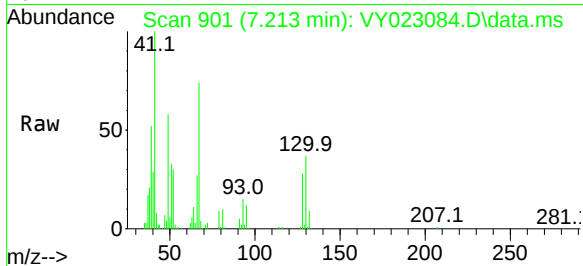




#41
Methacrylonitrile
Concen: 43.117 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

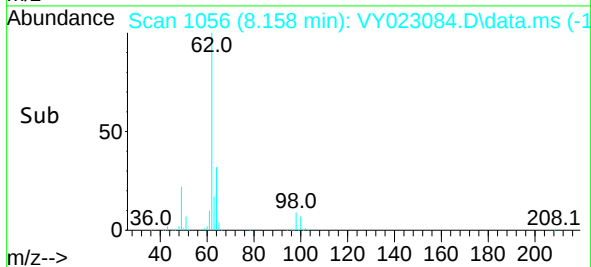
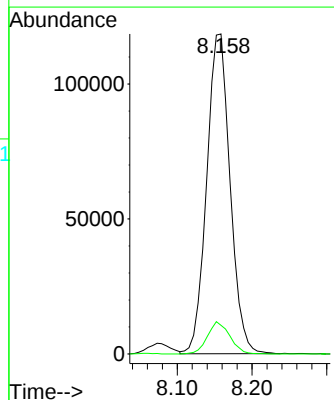
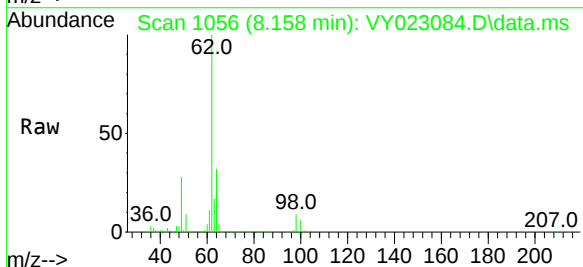
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

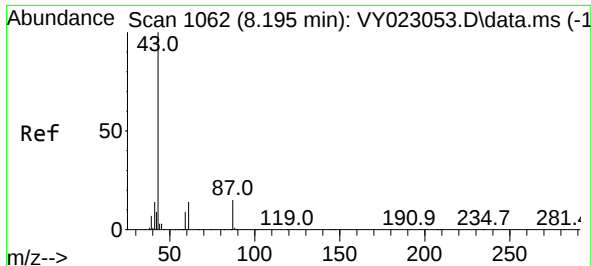
Tgt Ion: 41 Resp: 60193
Ion Ratio Lower Upper
41 100
39 62.5 43.4 65.2
67 95.9 63.6 95.4#
52 41.2 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 55.883 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 62 Resp: 257953
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.6

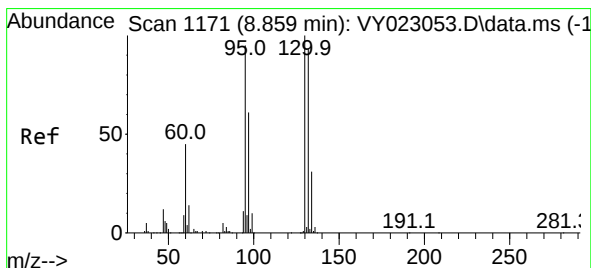
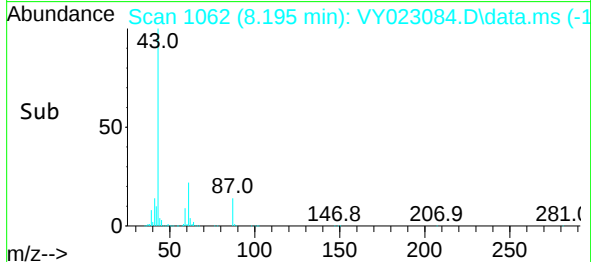
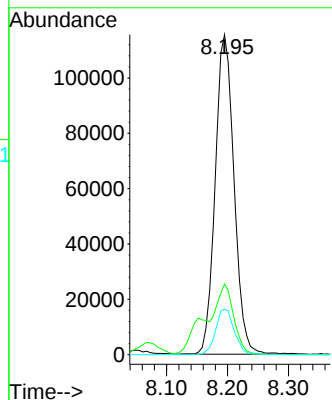
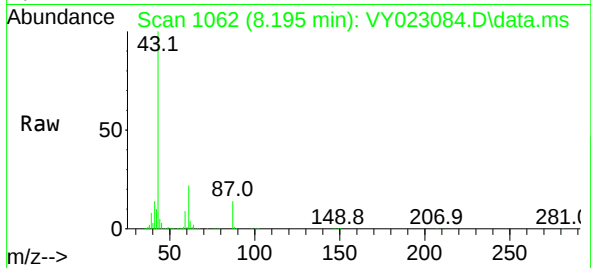




#43
Isopropyl Acetate
Concen: 50.705 ug/l
RT: 8.195 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

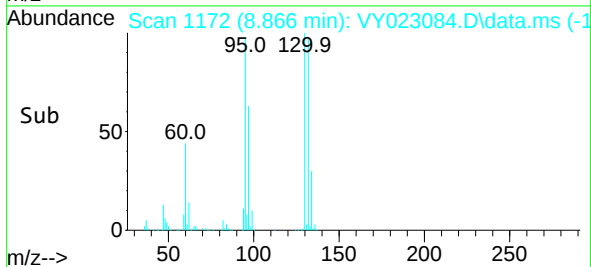
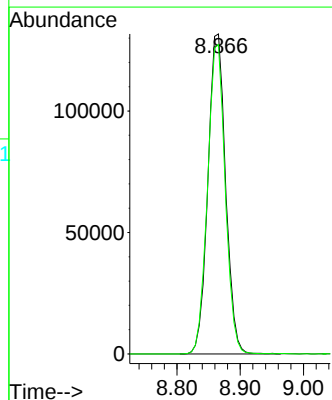
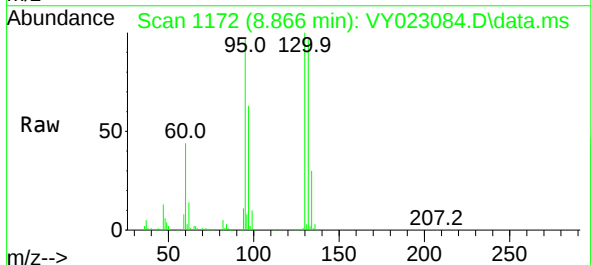
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

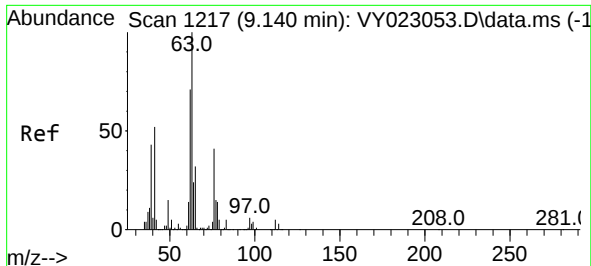
Tgt Ion: 43 Resp: 247901
Ion Ratio Lower Upper
43 100
61 21.2 16.4 24.6
87 14.2 11.8 17.6



#44
Trichloroethene
Concen: 56.001 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion:130 Resp: 256850
Ion Ratio Lower Upper
130 100
95 96.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 58.028 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

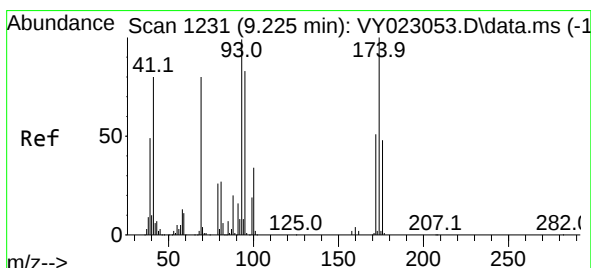
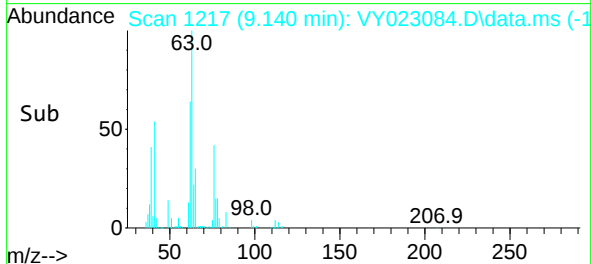
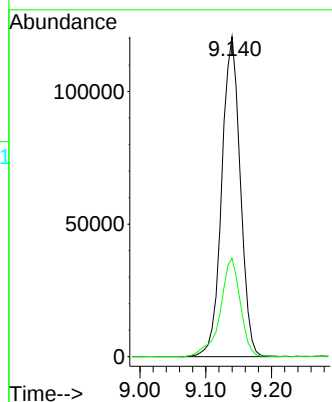
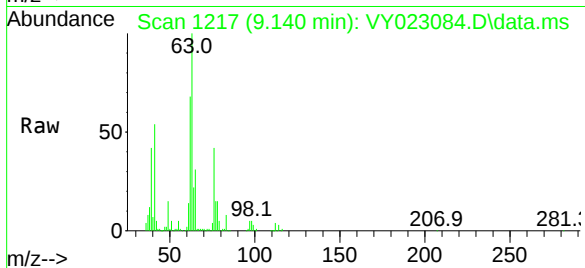
VSTDCCC050

Tgt Ion: 63 Resp: 236969

Ion Ratio Lower Upper

63 100

65 30.7 25.3 37.9



#46

Dibromomethane

Concen: 56.649 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

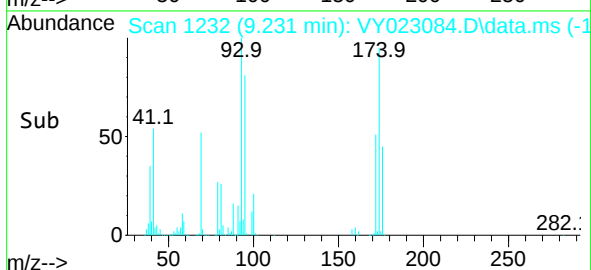
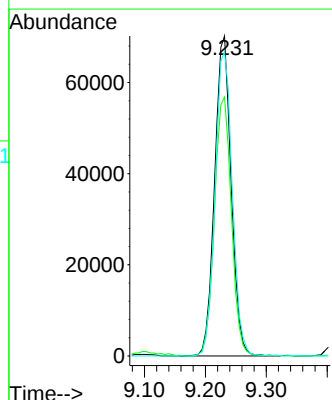
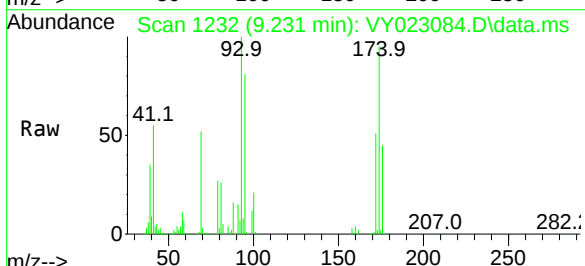
Tgt Ion: 93 Resp: 132779

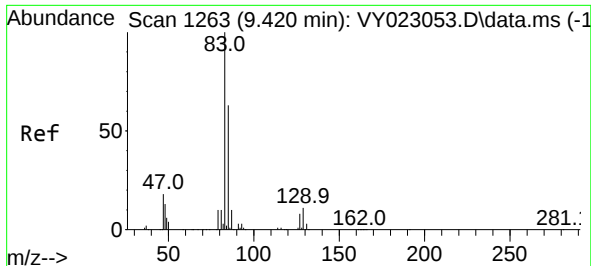
Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

174 98.1 81.8 122.8

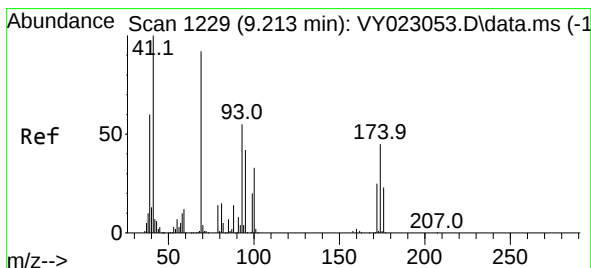
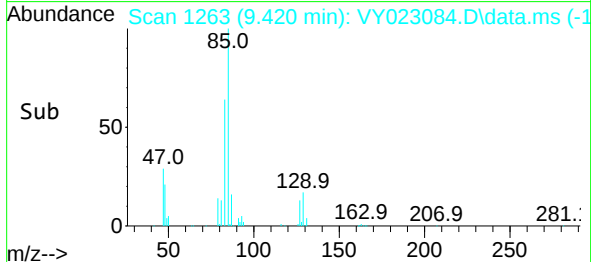
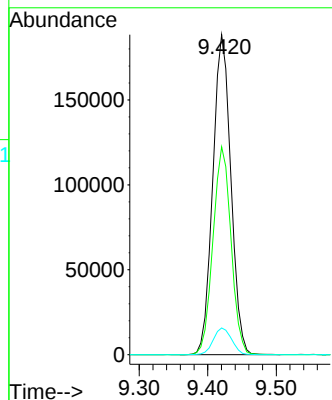
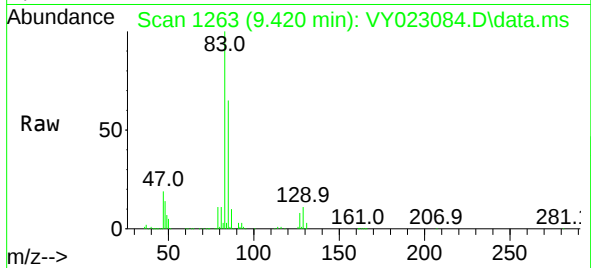




#47
Bromodichloromethane
Concen: 57.122 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

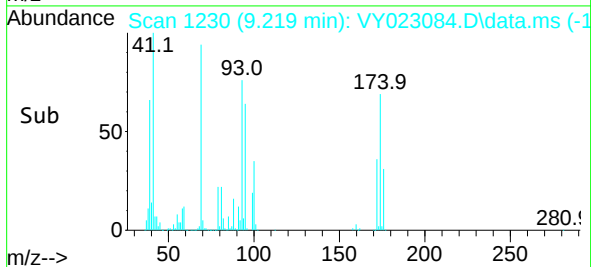
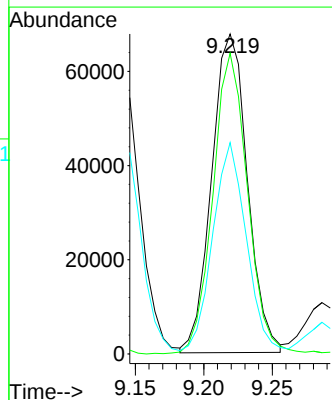
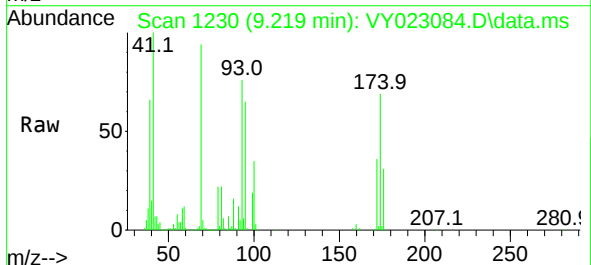
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

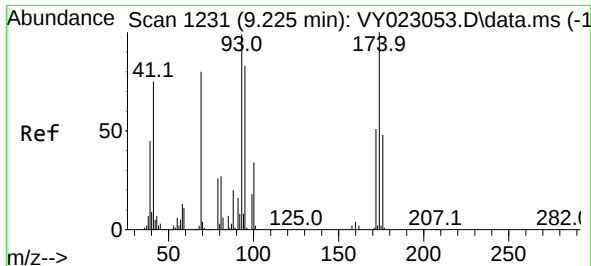
Tgt Ion: 83 Resp: 344511
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 52.585 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 41 Resp: 123024
Ion Ratio Lower Upper
41 100
69 91.9 73.2 109.8
39 60.6 47.0 70.4





#49

1,4-Dioxane

Concen: 1033.218 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

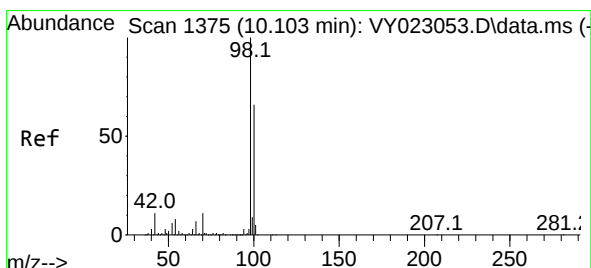
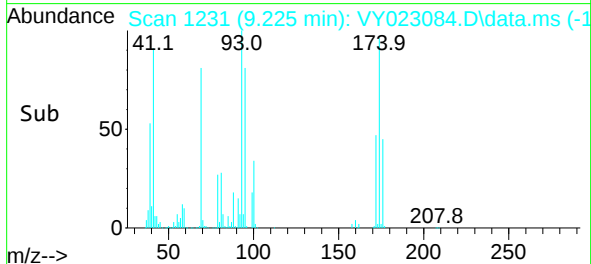
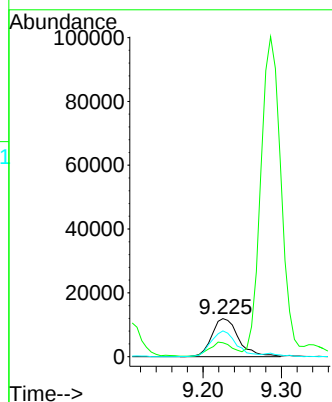
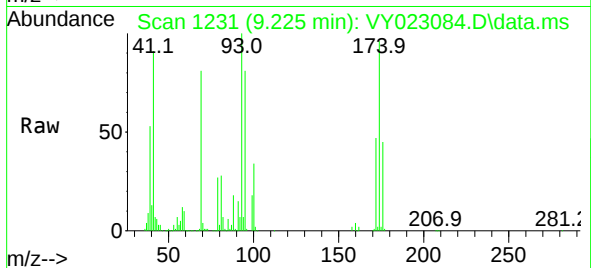
Tgt Ion: 88 Resp: 28396

Ion Ratio Lower Upper

88 100

43 32.2 24.3 36.5

58 64.3 55.4 83.0



#50

Toluene-d8

Concen: 57.835 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023084.D

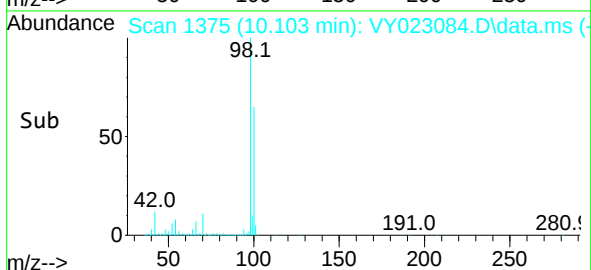
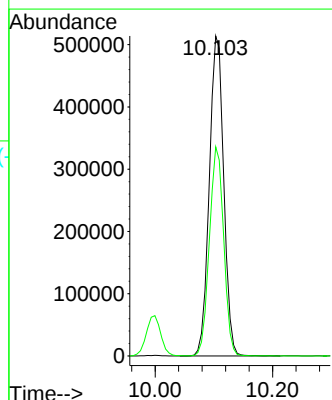
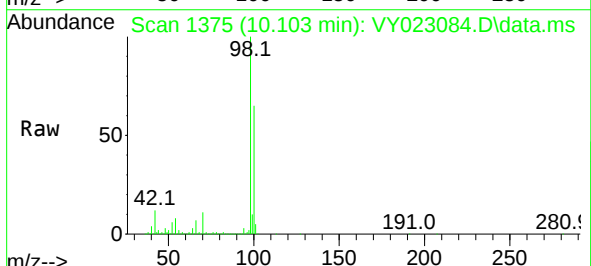
Acq: 14 Aug 2025 10:17

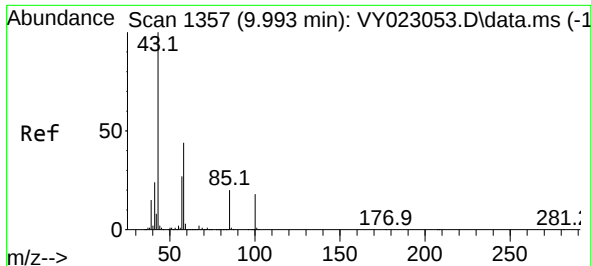
Tgt Ion: 98 Resp: 875441

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 260.657 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

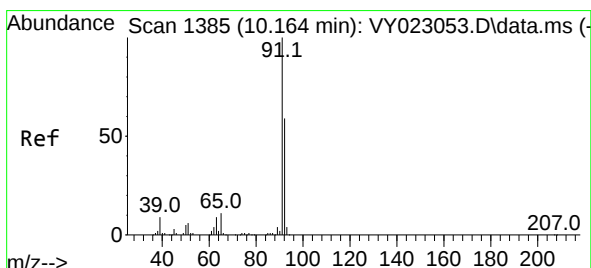
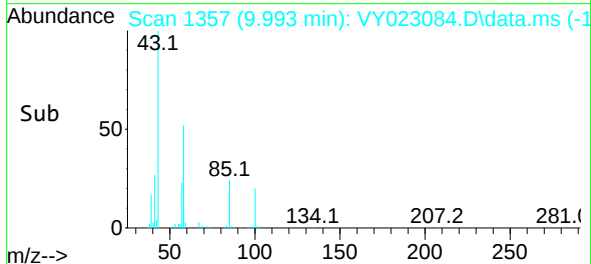
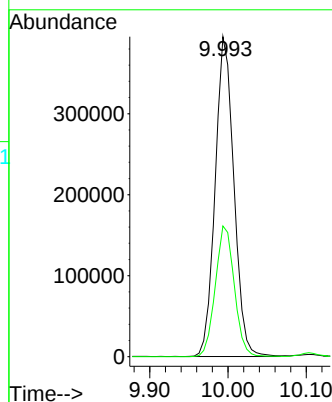
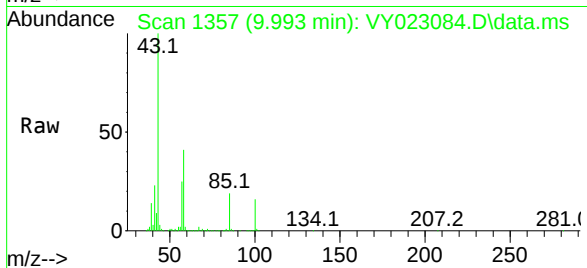
VSTDCCC050

Tgt Ion: 43 Resp: 657357

Ion Ratio Lower Upper

43 100

58 41.5 33.5 50.3



#52

Toluene

Concen: 57.441 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023084.D

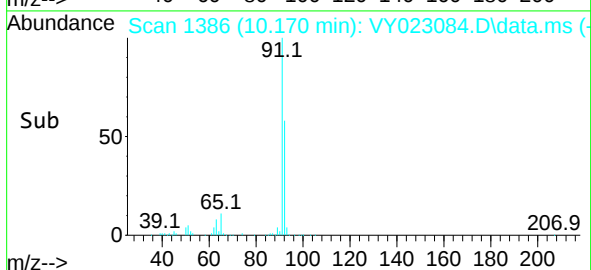
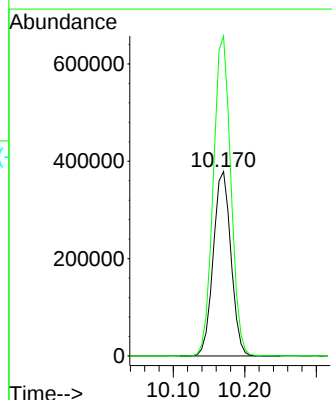
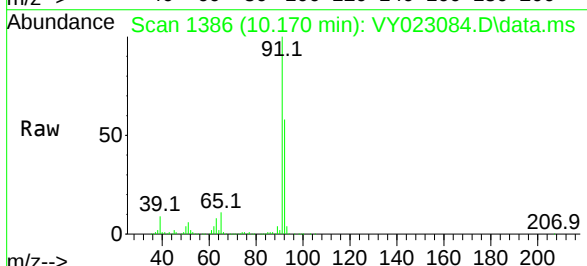
Acq: 14 Aug 2025 10:17

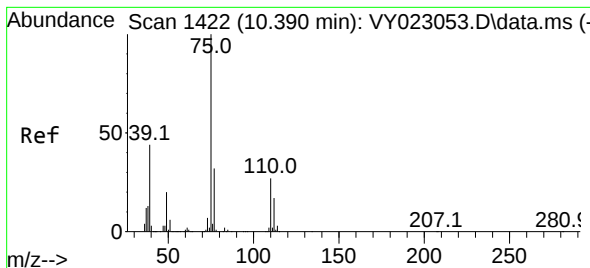
Tgt Ion: 92 Resp: 647492

Ion Ratio Lower Upper

92 100

91 173.1 136.4 204.6

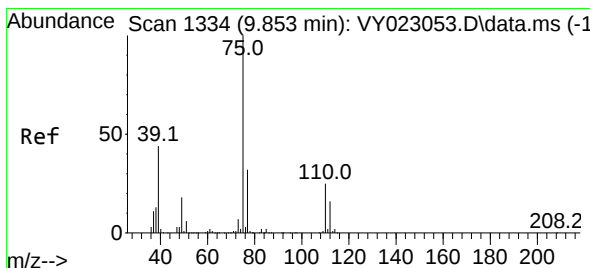
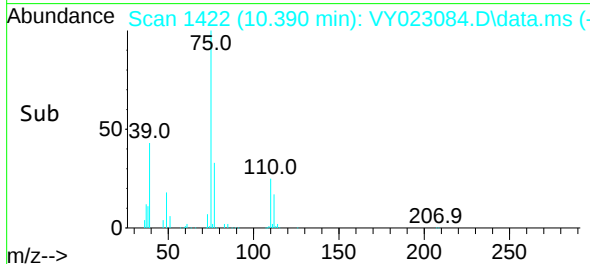
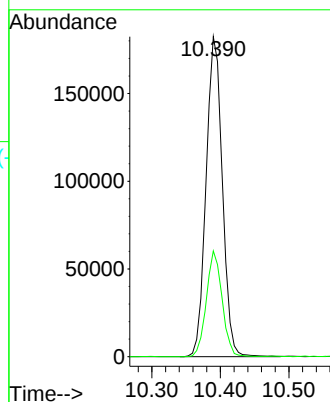
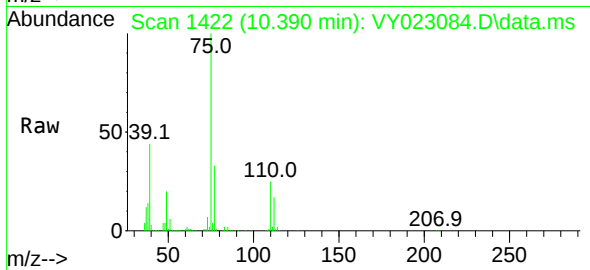




#53
t-1,3-Dichloropropene
Concen: 55.165 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

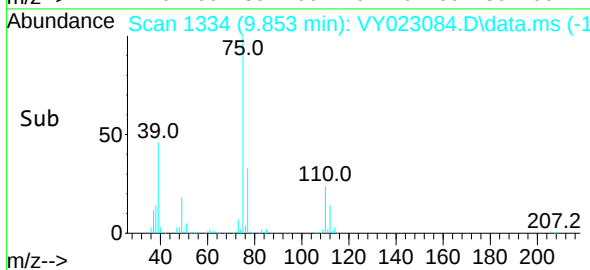
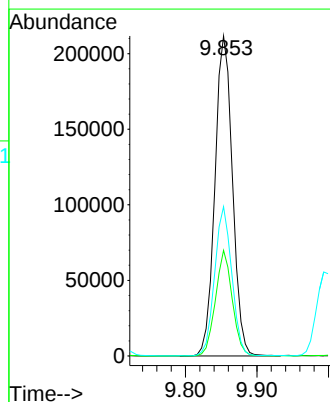
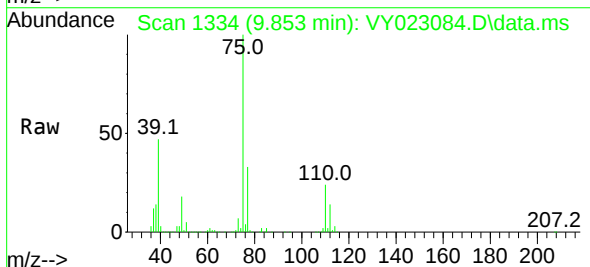
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

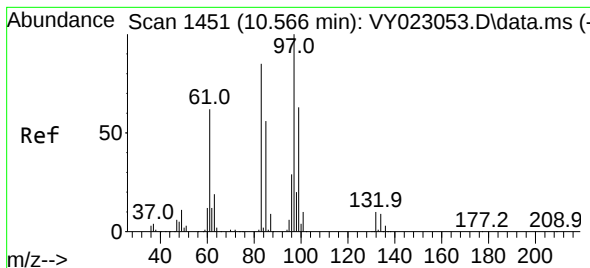
Tgt Ion: 75 Resp: 301282
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 55.890 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 75 Resp: 360945
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
39 46.5 35.6 53.4

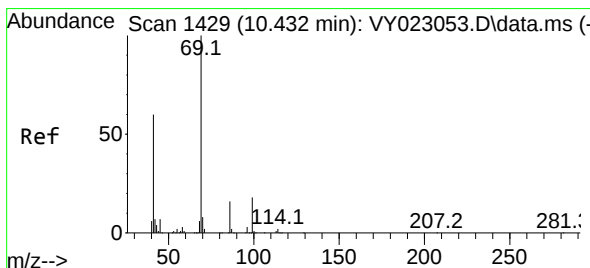
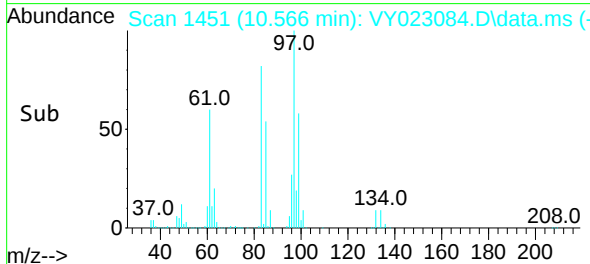
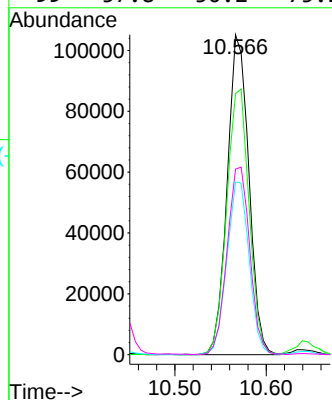
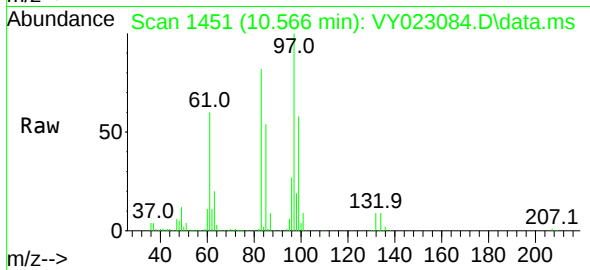




#55
1,1,2-Trichloroethane
Concen: 55.184 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

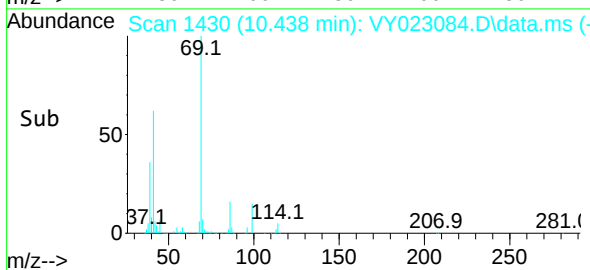
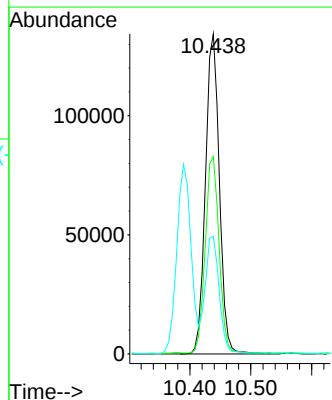
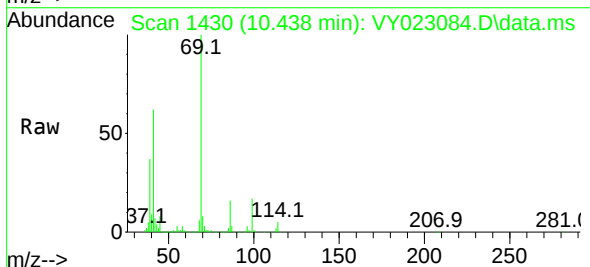
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

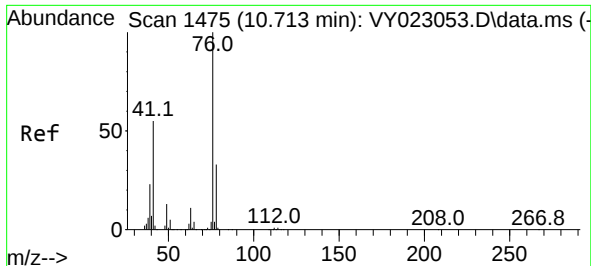
Tgt Ion: 97 Resp: 173079
Ion Ratio Lower Upper
97 100
83 81.6 67.7 101.5
85 54.0 44.5 66.7
99 57.8 50.2 75.2



#56
Ethyl methacrylate
Concen: 53.193 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 69 Resp: 213481
Ion Ratio Lower Upper
69 100
41 61.4 48.6 72.8
39 37.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 55.040 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

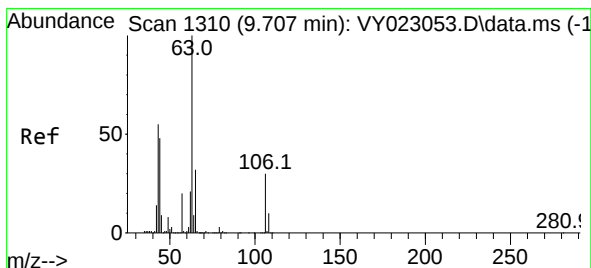
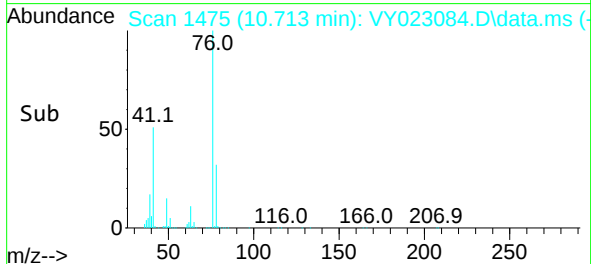
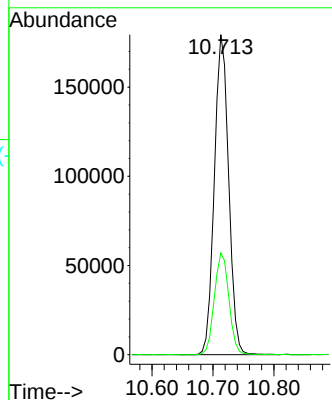
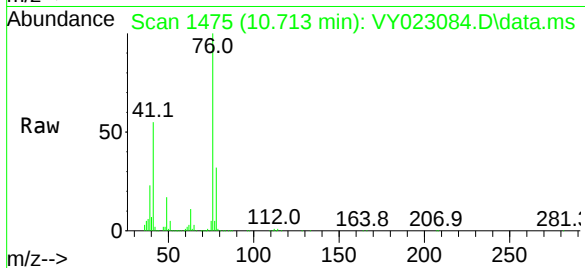
VSTDCCC050

Tgt Ion: 76 Resp: 292765

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 280.099 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023084.D

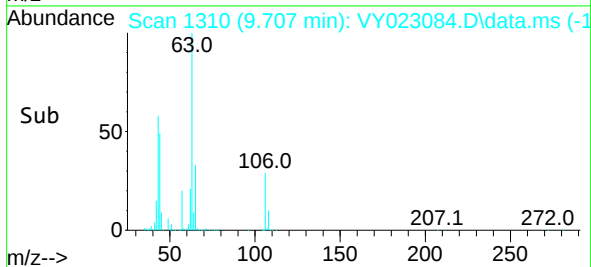
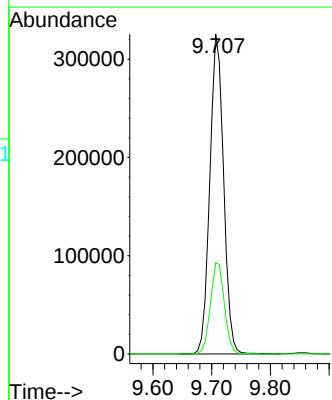
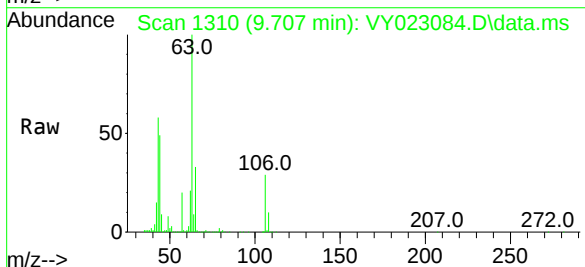
Acq: 14 Aug 2025 10:17

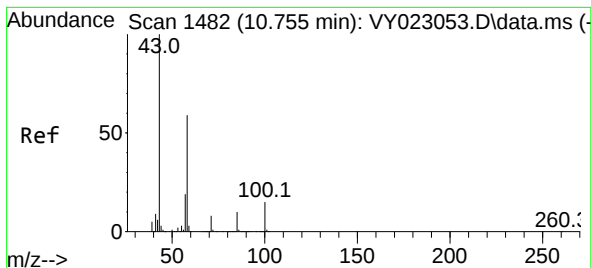
Tgt Ion: 63 Resp: 530251

Ion Ratio Lower Upper

63 100

106 28.9 23.2 34.8

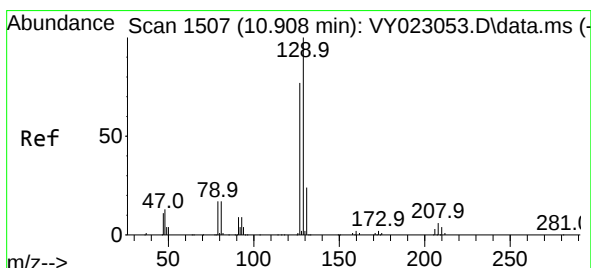
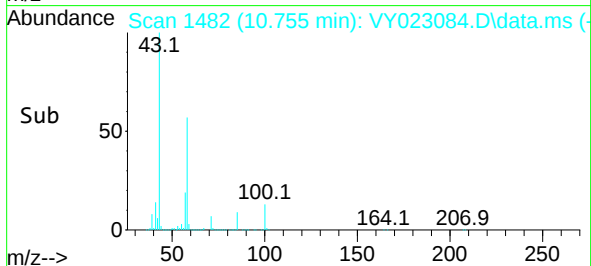
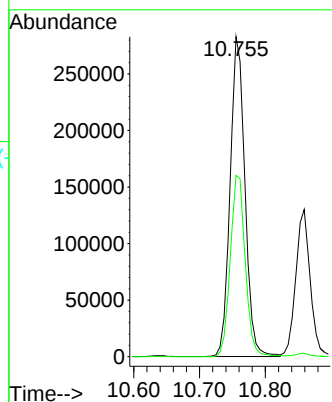
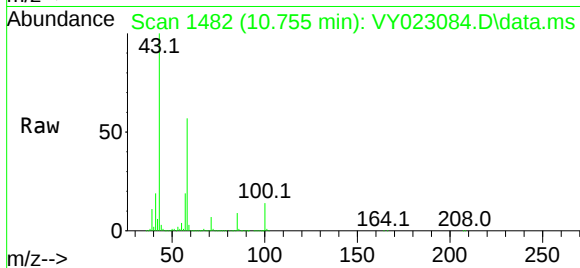




#59
2-Hexanone
Concen: 257.924 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

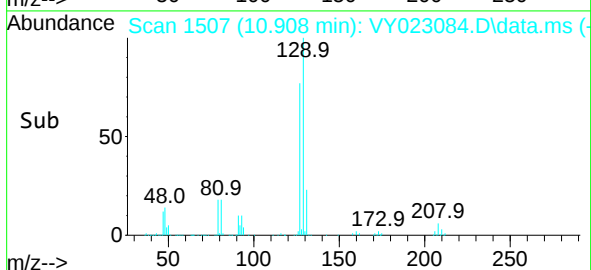
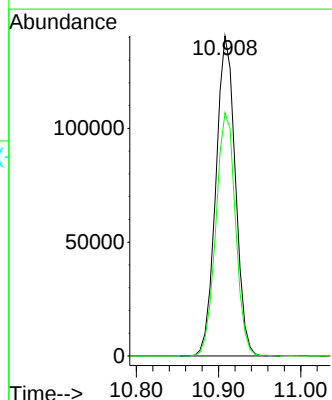
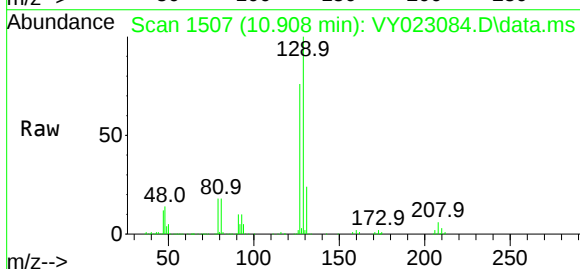
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

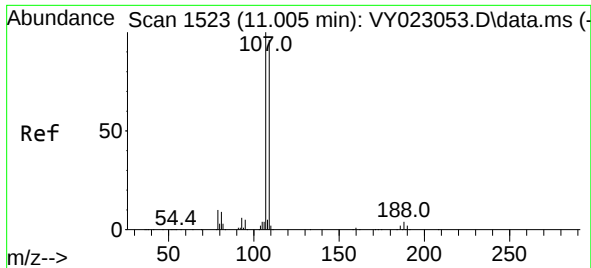
Tgt Ion: 43 Resp: 442922
Ion Ratio Lower Upper
43 100
58 57.4 29.5 88.5



#60
Dibromochloromethane
Concen: 55.947 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 129 Resp: 231534
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

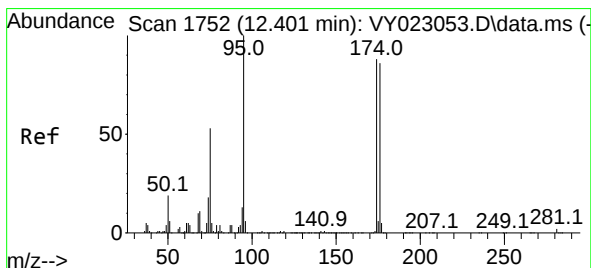
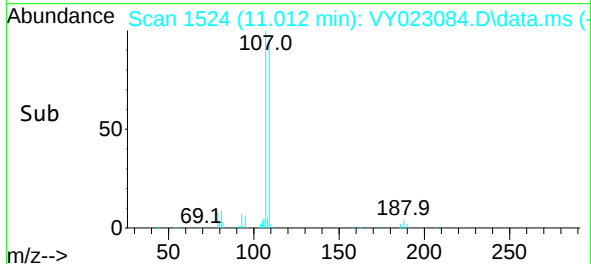
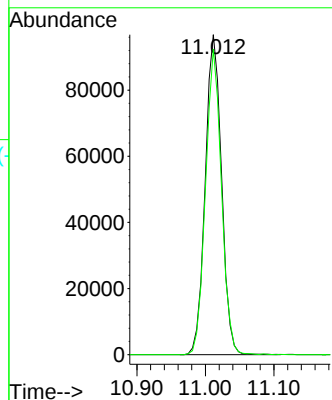
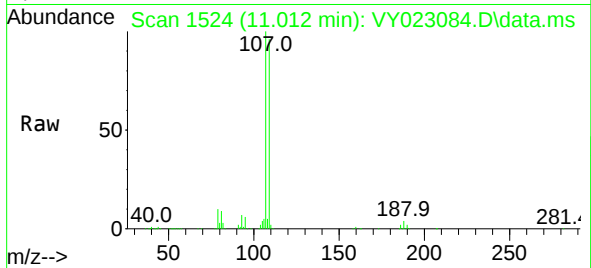




#61
1,2-Dibromoethane
Concen: 54.265 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

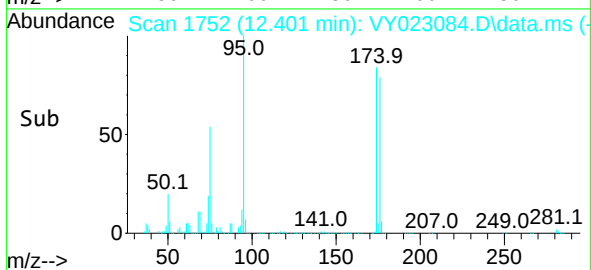
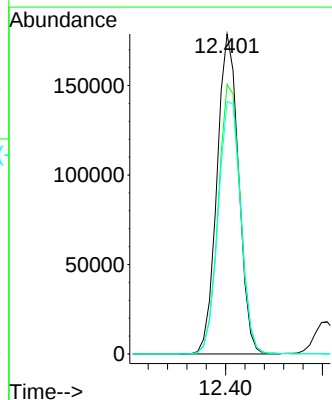
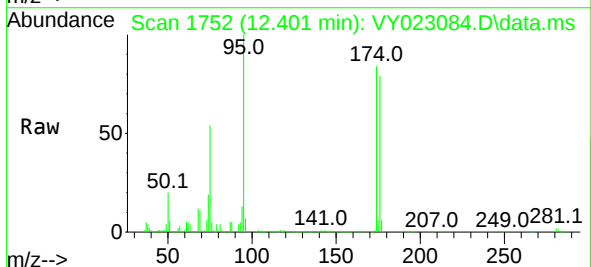
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

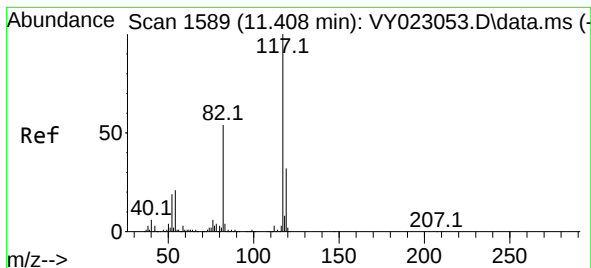
Tgt Ion:107 Resp: 159967
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.822 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 95 Resp: 276611
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 82.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

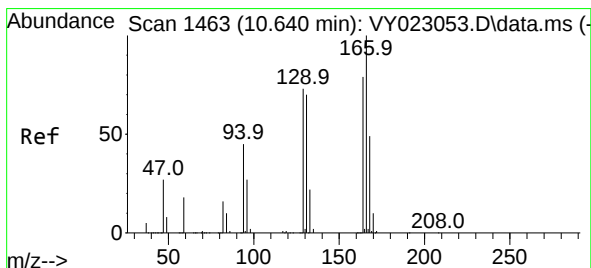
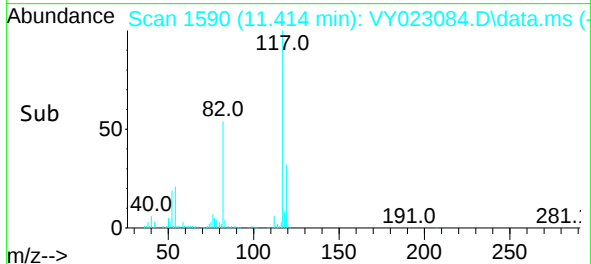
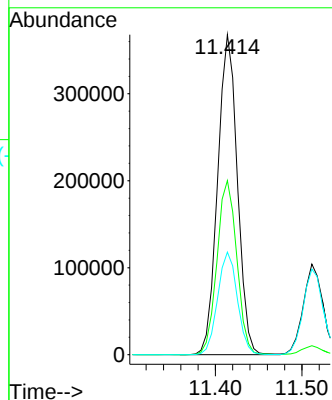
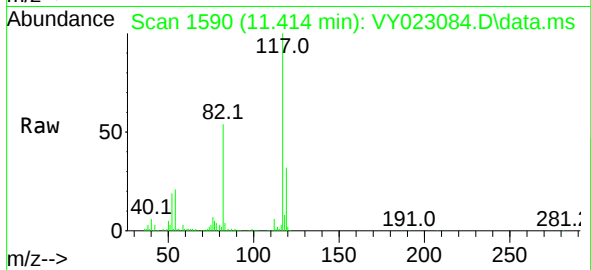
Tgt Ion:117 Resp: 582049

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 55.420 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Tgt Ion:164 Resp: 288037

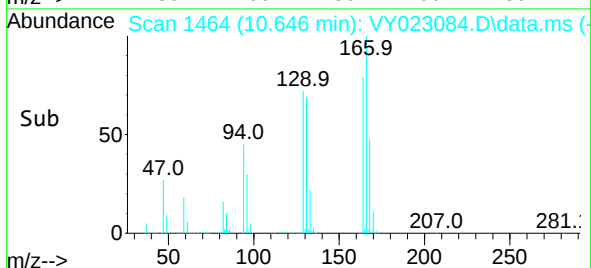
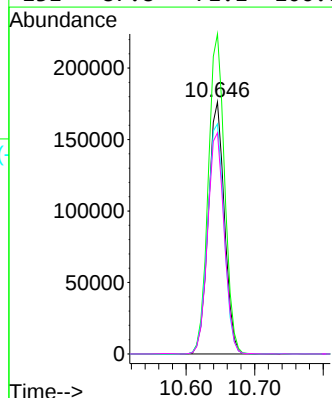
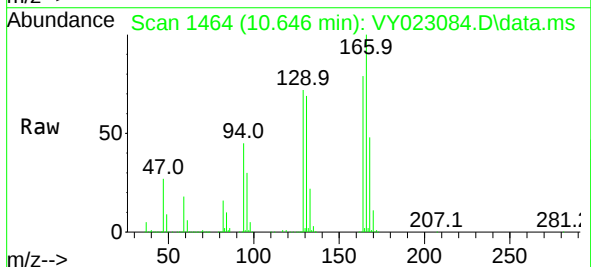
Ion Ratio Lower Upper

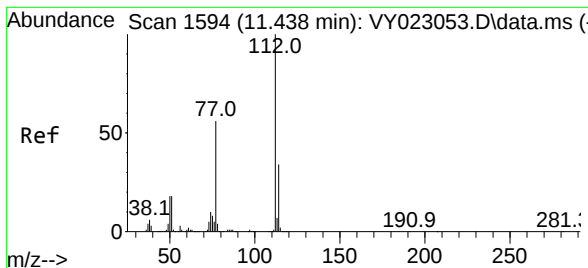
164 100

166 127.0 101.1 151.7

129 91.4 74.0 111.0

131 87.8 71.1 106.7

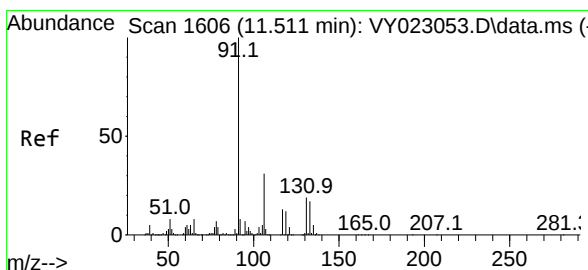
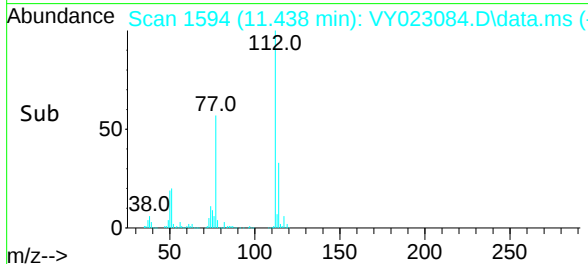
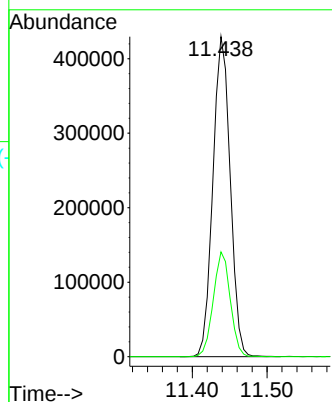
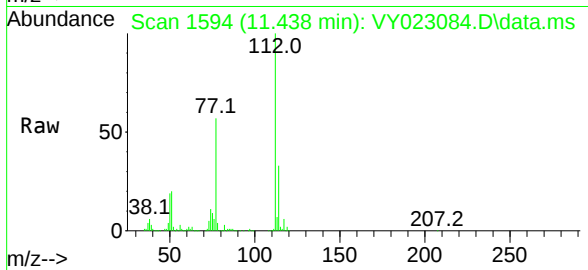




#65
Chlorobenzene
Concen: 55.261 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

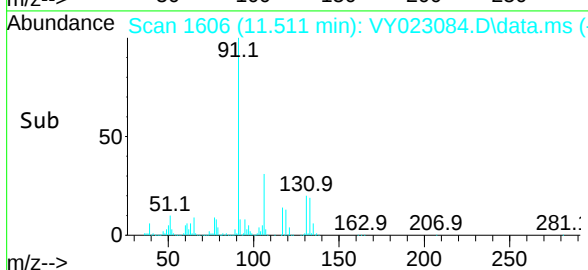
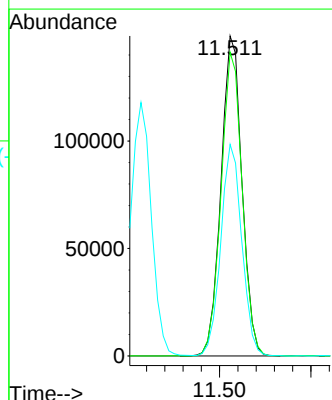
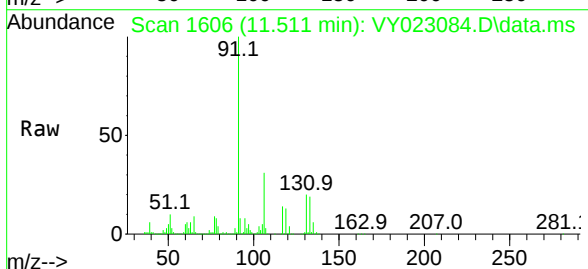
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

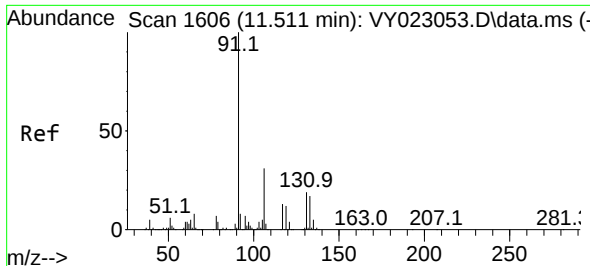
Tgt Ion:112 Resp: 693789
Ion Ratio Lower Upper
112 100
114 32.7 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.623 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion:131 Resp: 237008
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.6
119 66.3 33.2 99.6





#67

Ethyl Benzene

Concen: 56.146 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

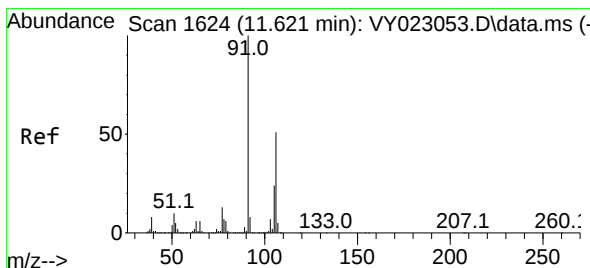
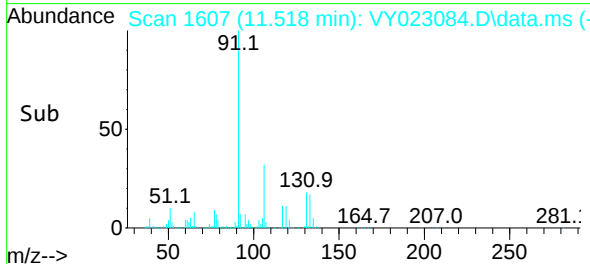
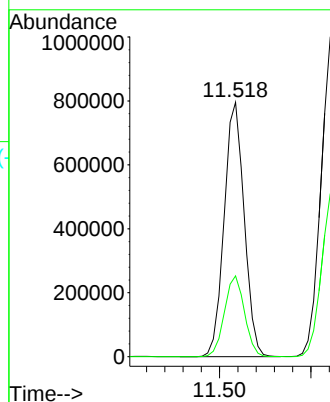
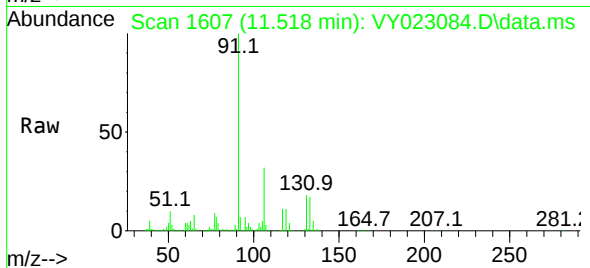
VSTDCCC050

Tgt Ion: 91 Resp: 1213079

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 113.678 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023084.D

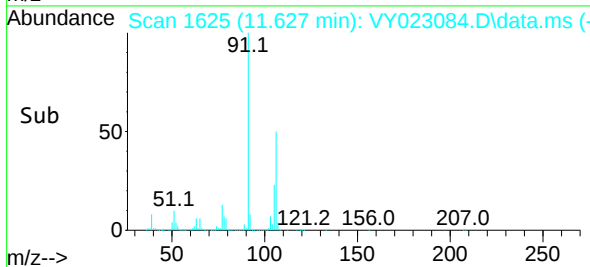
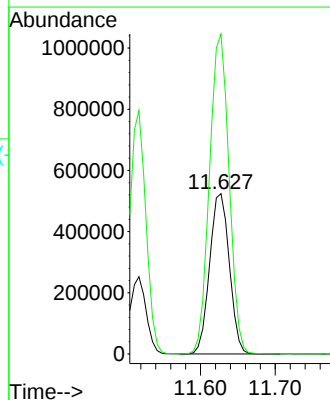
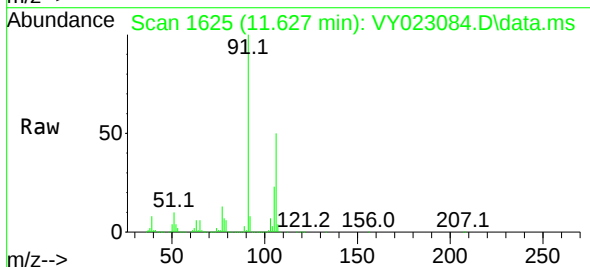
Acq: 14 Aug 2025 10:17

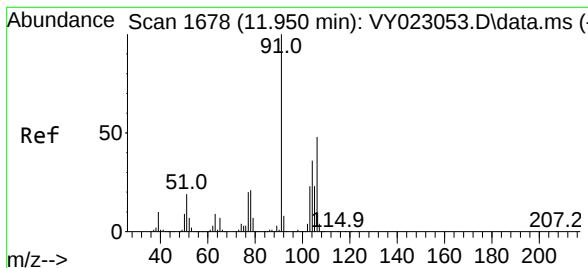
Tgt Ion:106 Resp: 959256

Ion Ratio Lower Upper

106 100

91 198.3 158.6 238.0





#69

o-Xylene

Concen: 56.368 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

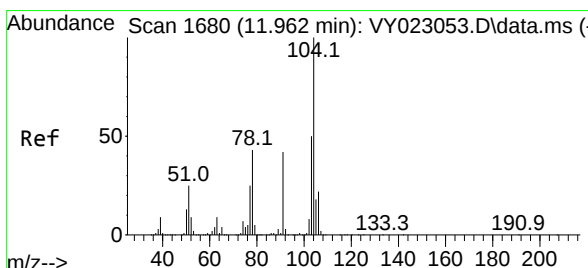
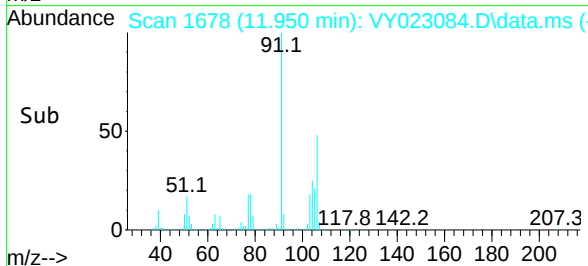
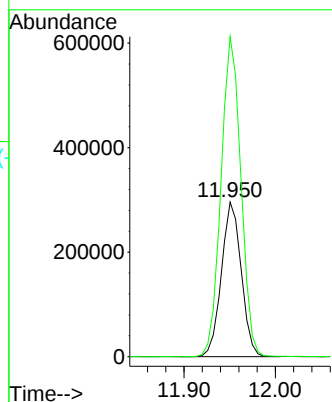
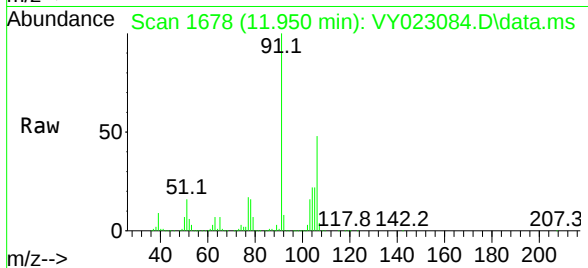
VSTDCCC050

Tgt Ion:106 Resp: 445491

Ion Ratio Lower Upper

106 100

91 207.9 103.2 309.4



#70

Styrene

Concen: 58.442 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

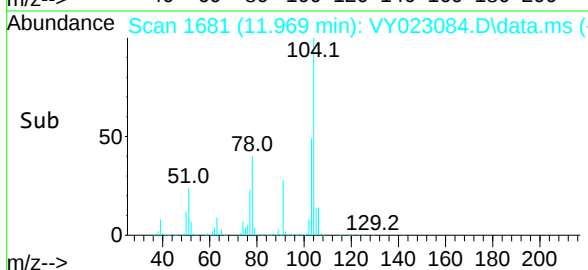
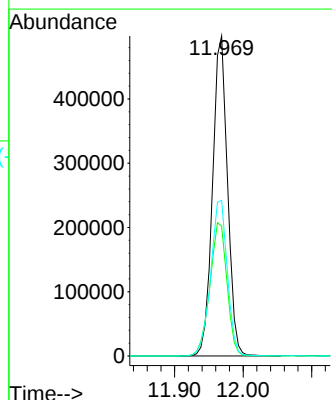
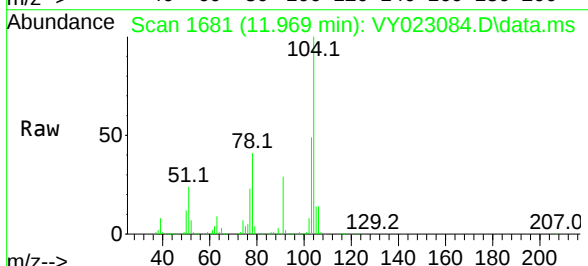
Tgt Ion:104 Resp: 755359

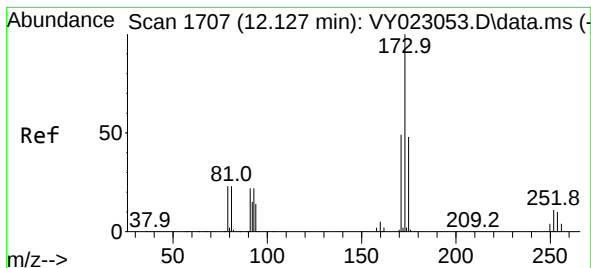
Ion Ratio Lower Upper

104 100

78 47.6 38.5 57.7

103 54.3 43.7 65.5





#71

Bromoform

Concen: 51.645 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

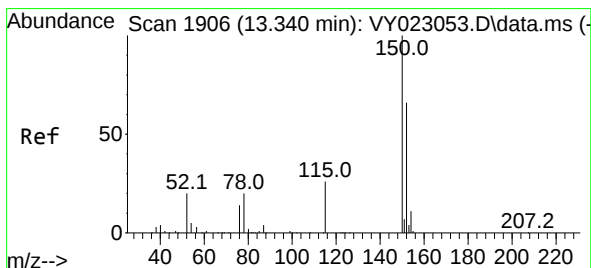
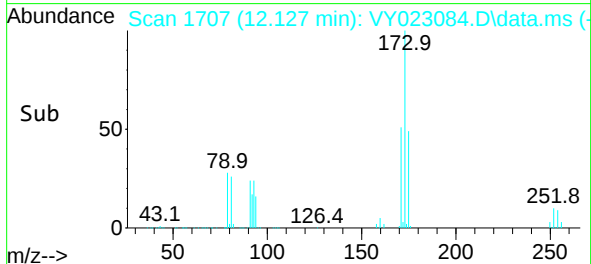
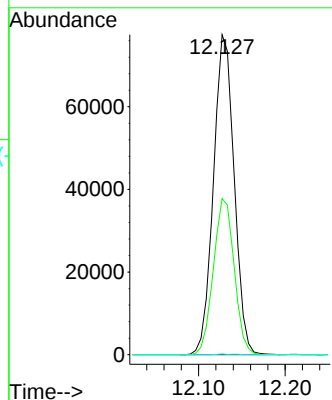
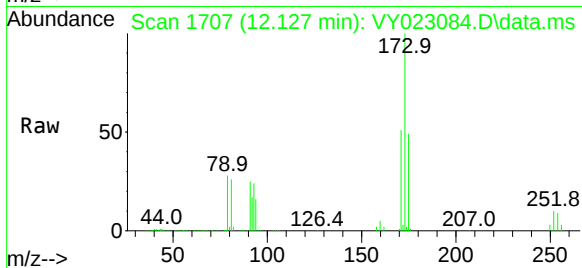
Tgt Ion:173 Resp: 128615

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

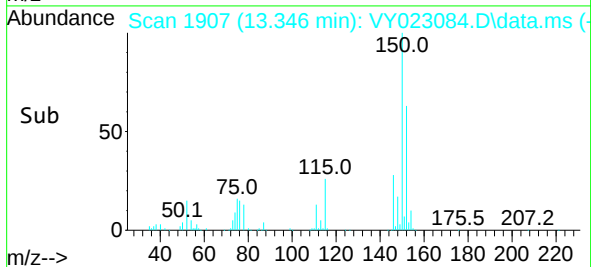
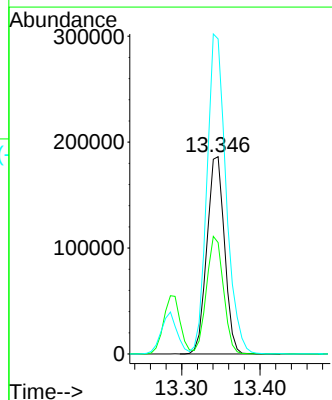
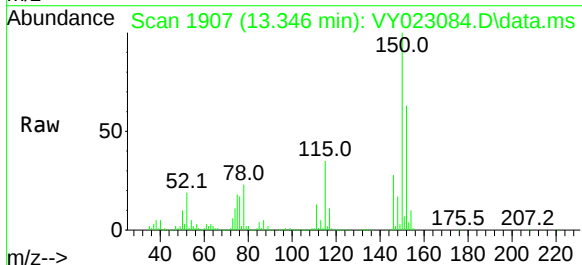
Tgt Ion:152 Resp: 290049

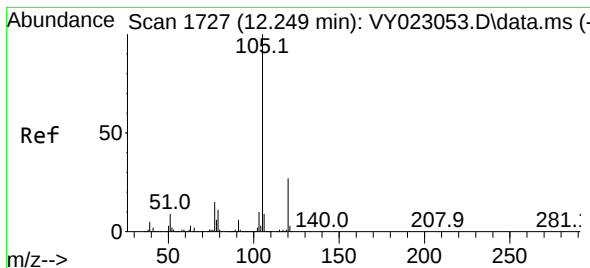
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.6

150 176.3 0.0 348.0





#73

Isopropylbenzene

Concen: 56.330 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

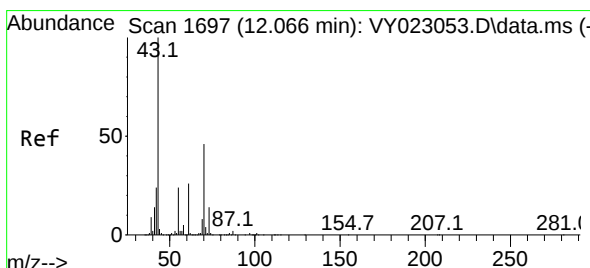
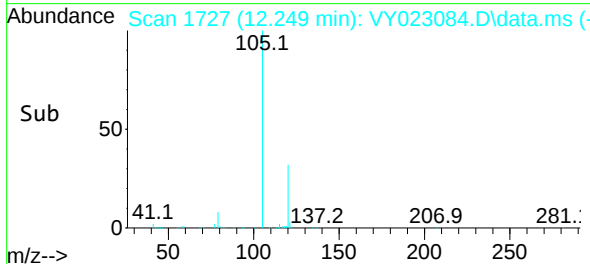
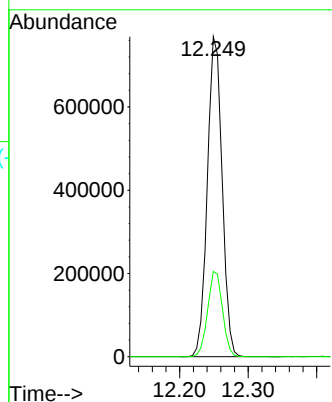
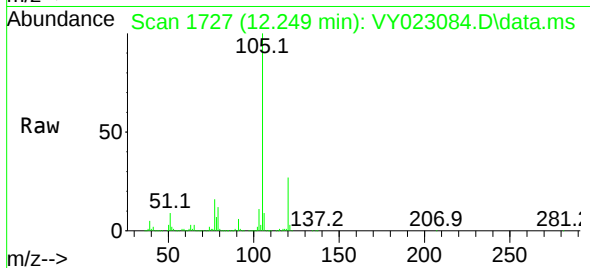
VSTDCCC050

Tgt Ion:105 Resp: 1153144

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 51.690 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Tgt Ion: 43 Resp: 224404

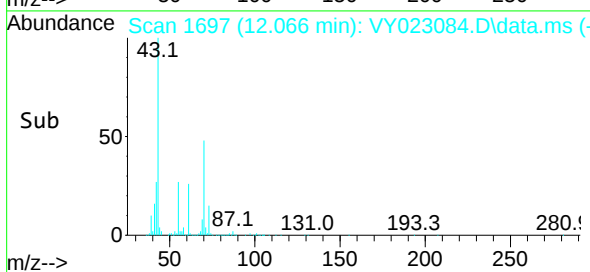
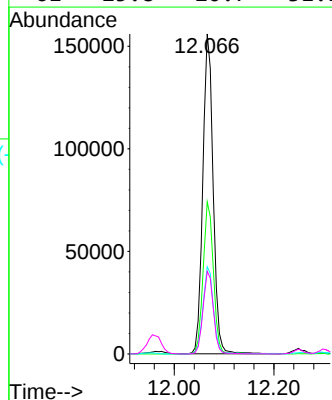
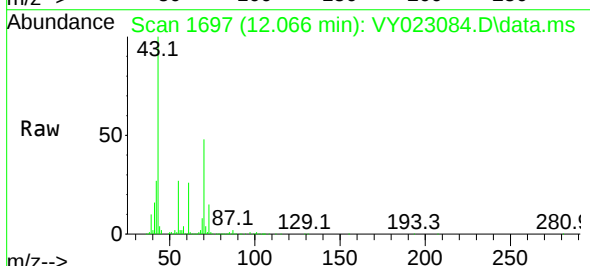
Ion Ratio Lower Upper

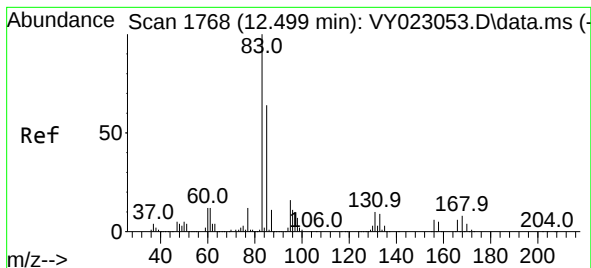
43 100

70 47.2 37.5 56.3

55 27.8 20.7 31.1

61 25.8 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.630 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

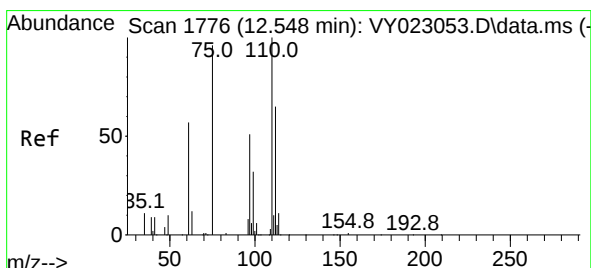
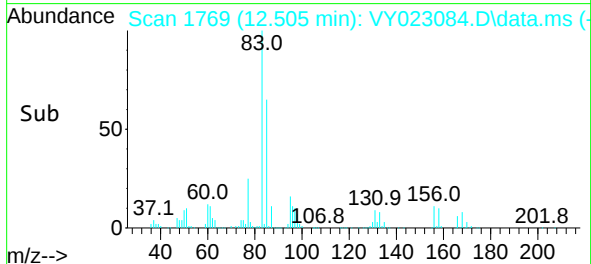
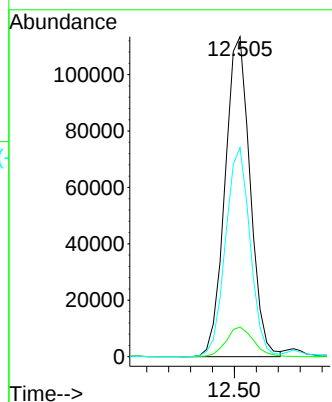
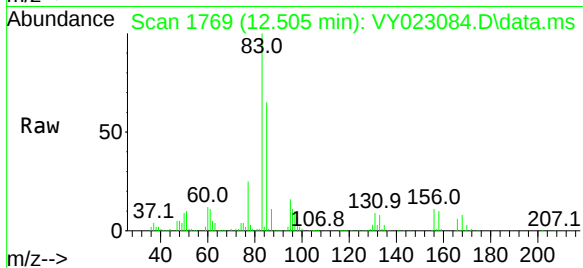
Tgt Ion: 83 Resp: 180470

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 87.276 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023084.D

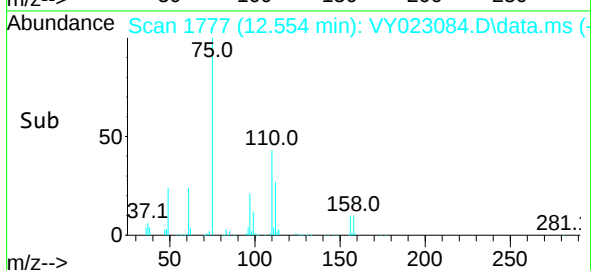
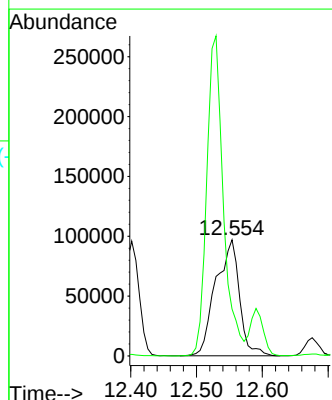
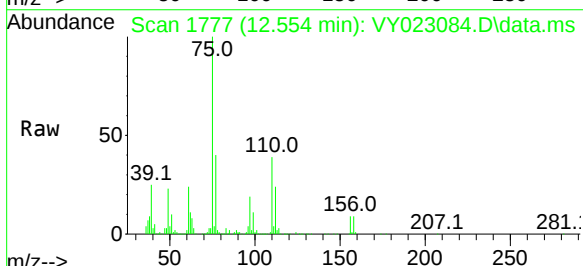
Acq: 14 Aug 2025 10:17

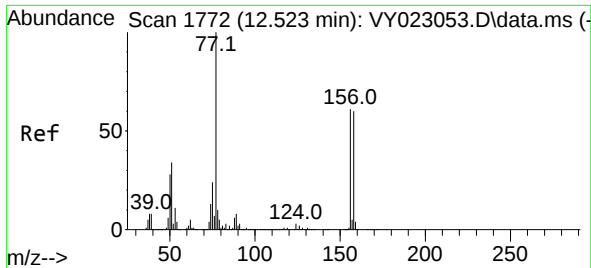
Tgt Ion: 75 Resp: 244310

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

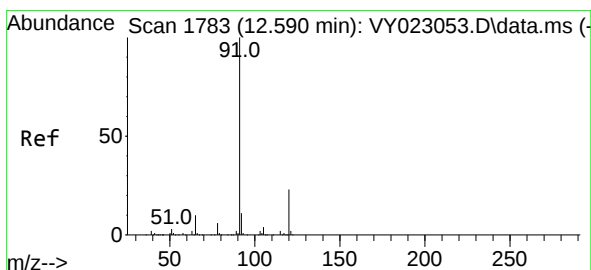
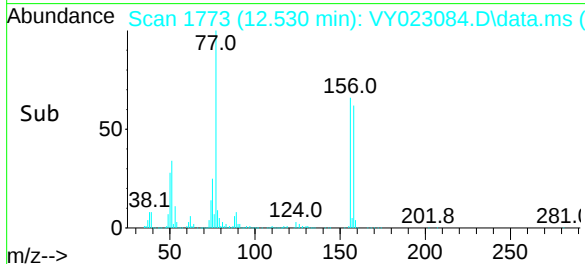
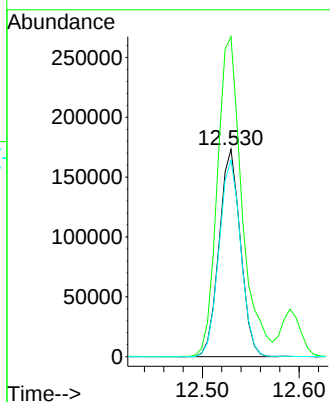
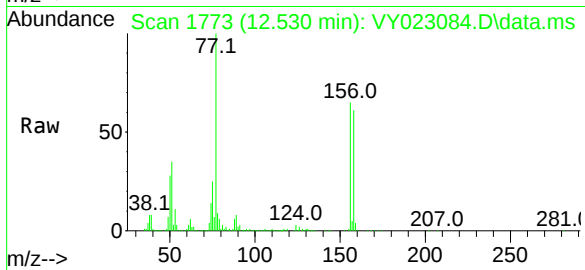




#77
Bromobenzene
Concen: 54.218 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

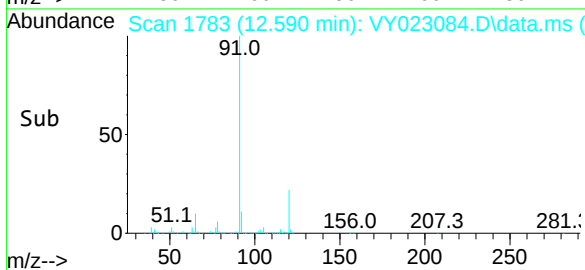
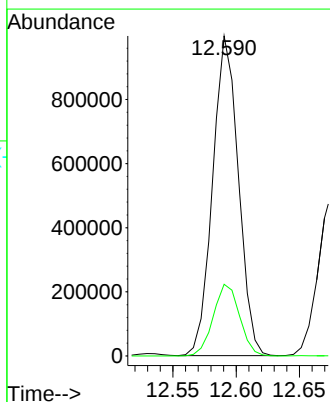
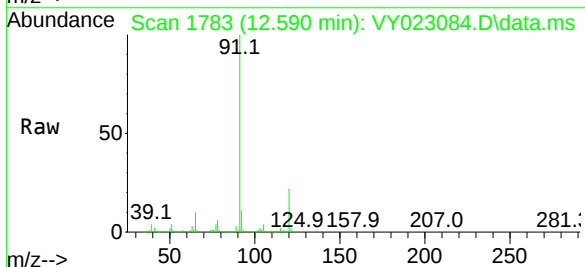
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

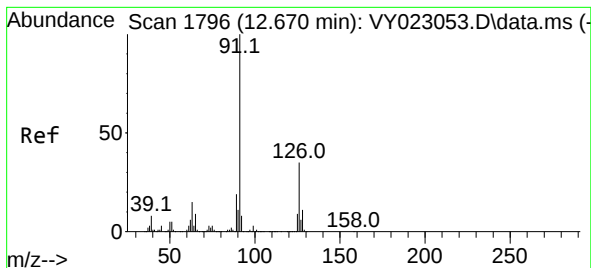
Tgt Ion:156 Resp: 264791
Ion Ratio Lower Upper
156 100
77 178.6 88.1 264.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 57.928 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 91 Resp: 1411858
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

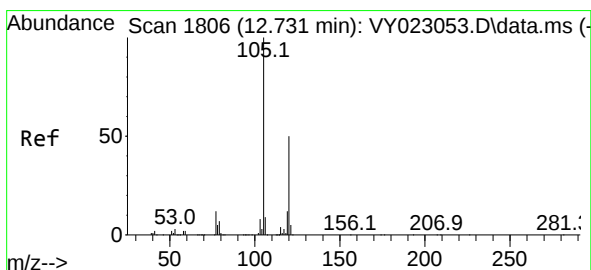
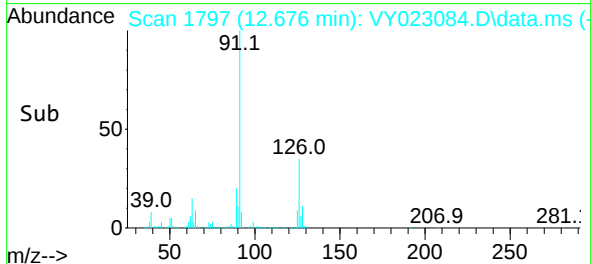
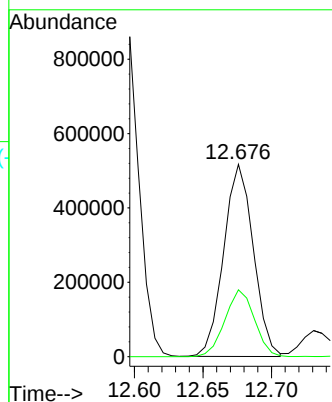
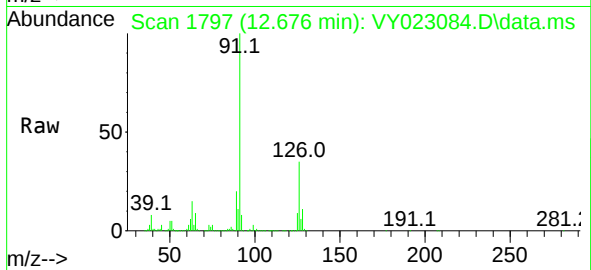




#79
2-Chlorotoluene
Concen: 55.767 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

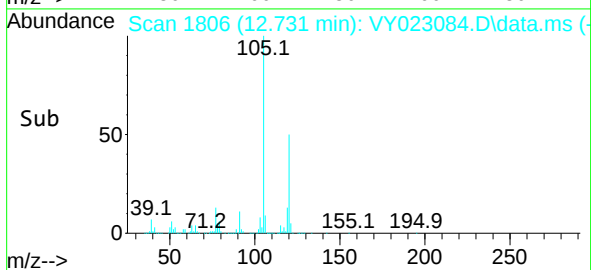
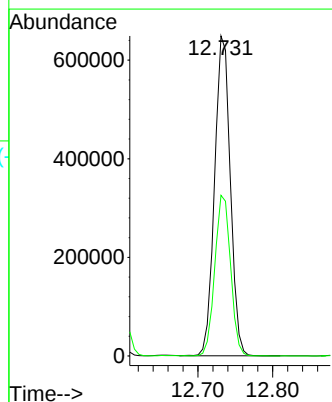
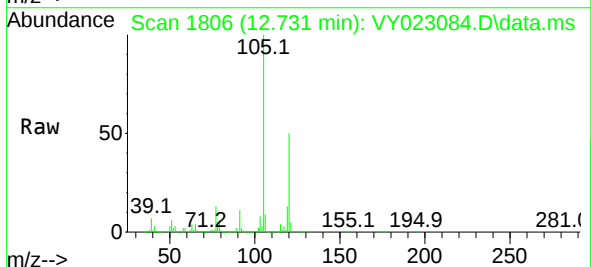
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

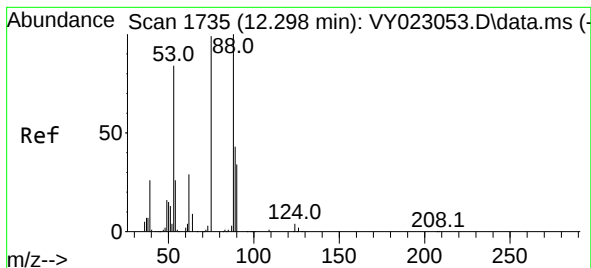
Tgt Ion: 91 Resp: 778755
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 57.421 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 105 Resp: 950021
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4

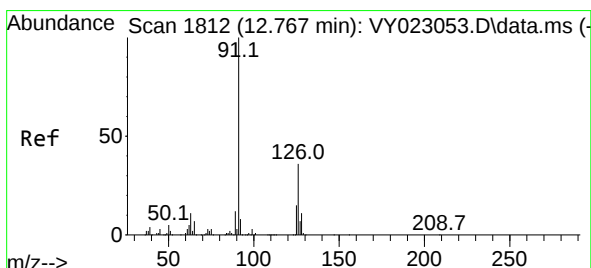
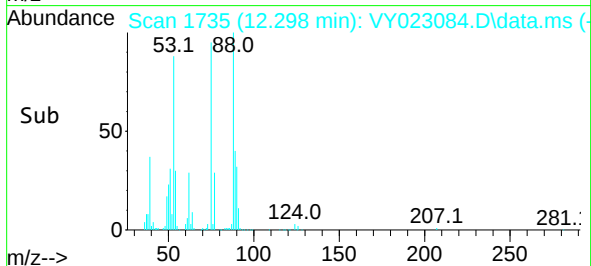
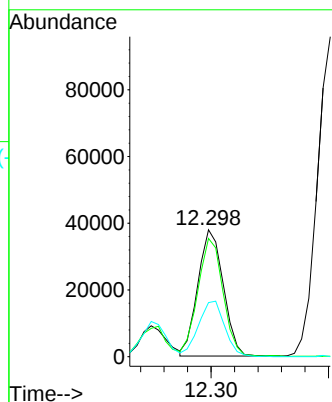
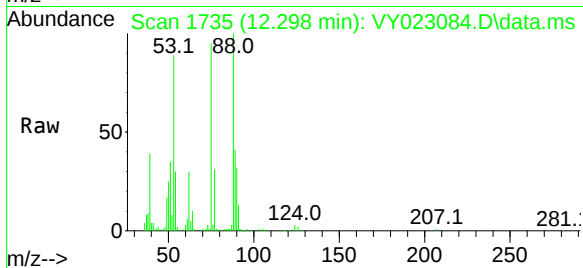




#81
trans-1,4-Dichloro-2-butene
Concen: 49.259 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

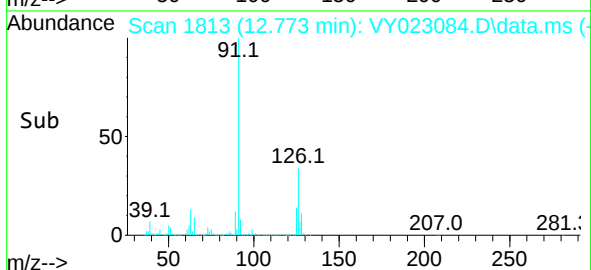
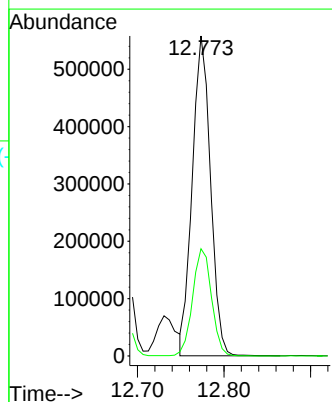
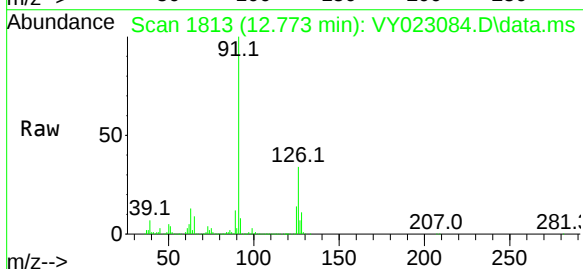
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

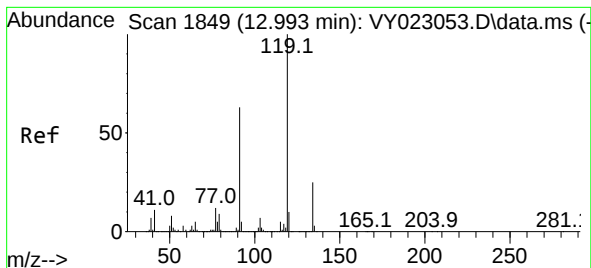
Tgt Ion: 75 Resp: 56963
Ion Ratio Lower Upper
75 100
53 92.9 70.8 106.2
89 45.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 56.188 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 91 Resp: 813961
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0





#83

tert-Butylbenzene

Concen: 55.552 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

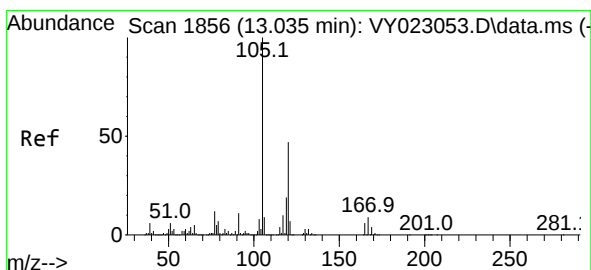
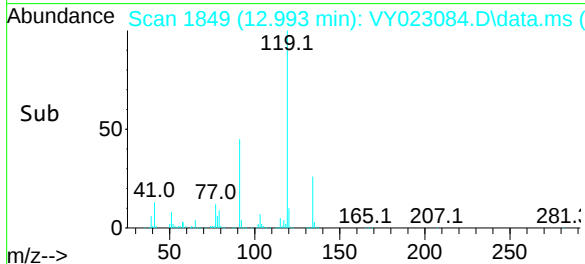
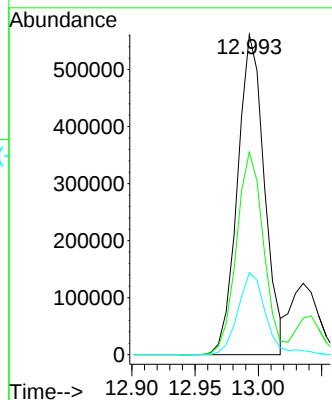
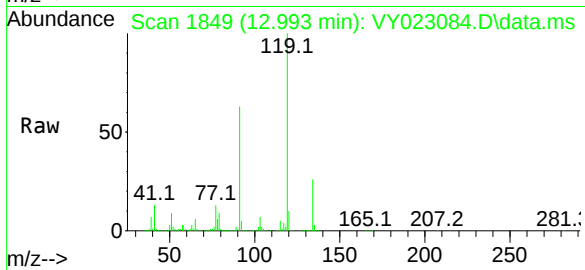
Tgt Ion:119 Resp: 830094

Ion Ratio Lower Upper

119 100

91 64.3 31.6 94.8

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 58.063 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023084.D

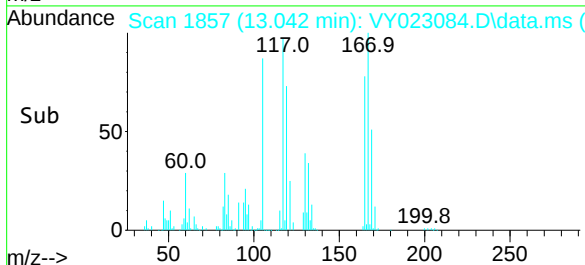
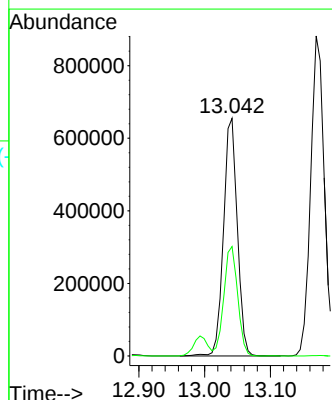
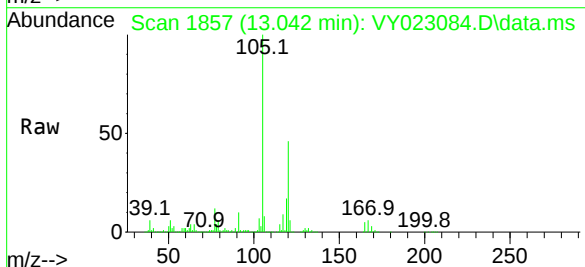
Acq: 14 Aug 2025 10:17

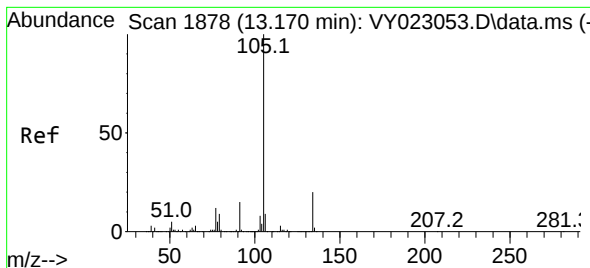
Tgt Ion:105 Resp: 956285

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0

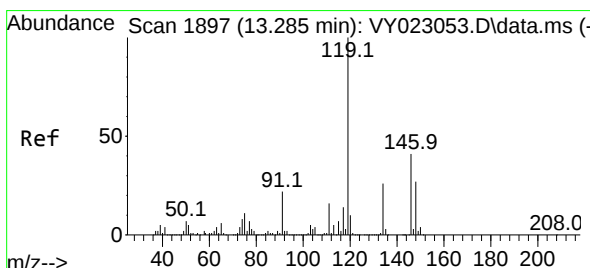
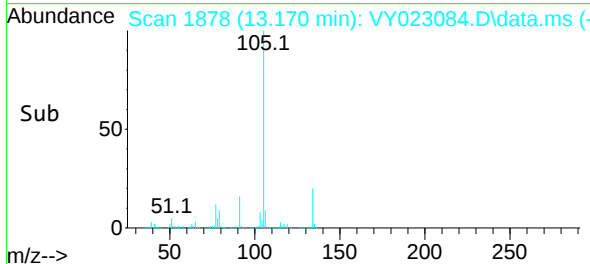
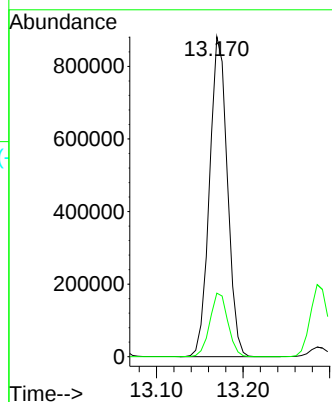
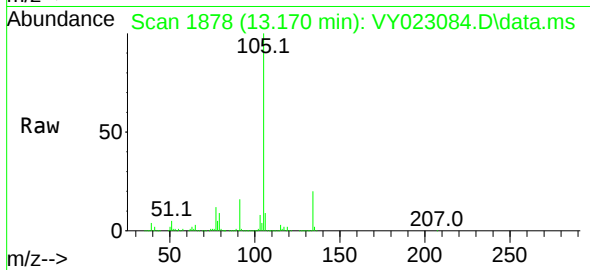




#85
 sec-Butylbenzene
 Concen: 57.500 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023084.D
 Acq: 14 Aug 2025 10:17

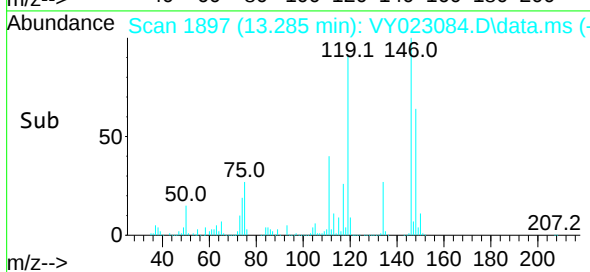
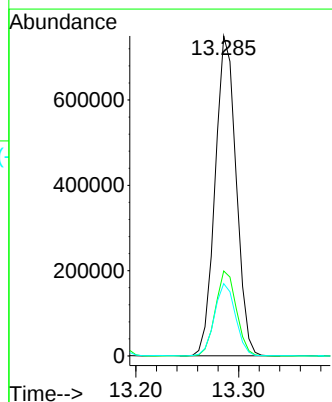
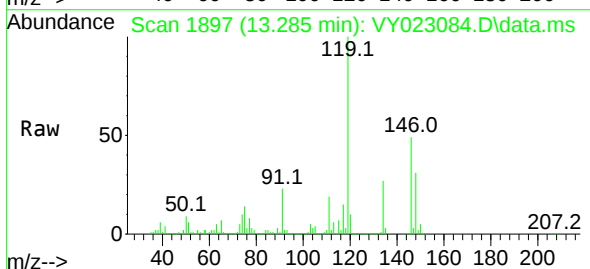
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

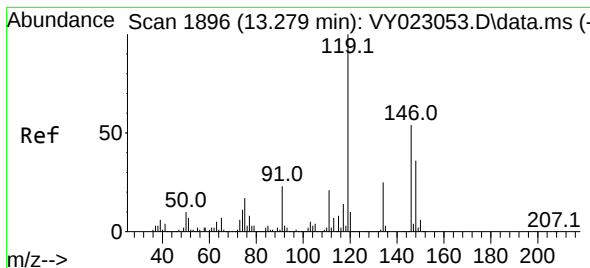
Tgt Ion:105 Resp: 1262155
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 58.310 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023084.D
 Acq: 14 Aug 2025 10:17

Tgt Ion:119 Resp: 1062415
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 56.125 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

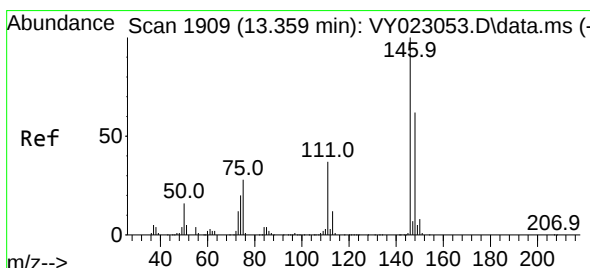
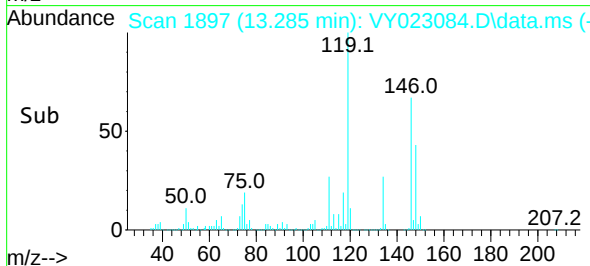
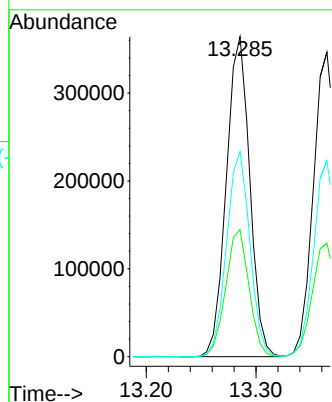
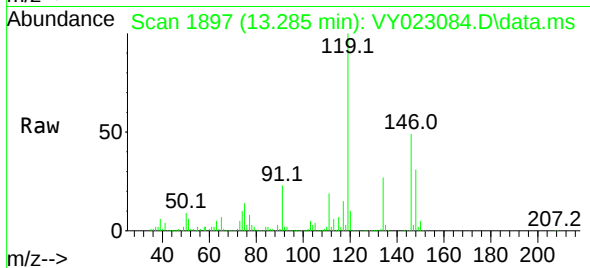
Tgt Ion:146 Resp: 540543

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

148 63.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 55.125 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

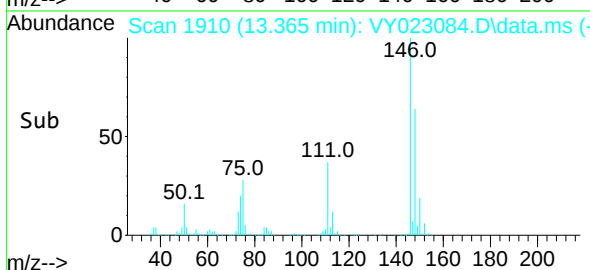
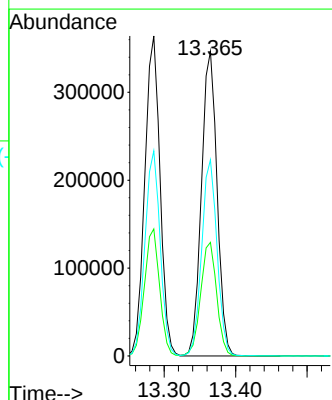
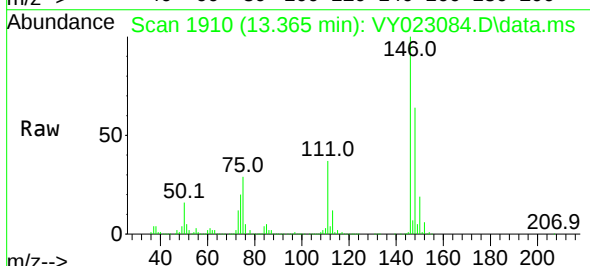
Tgt Ion:146 Resp: 526660

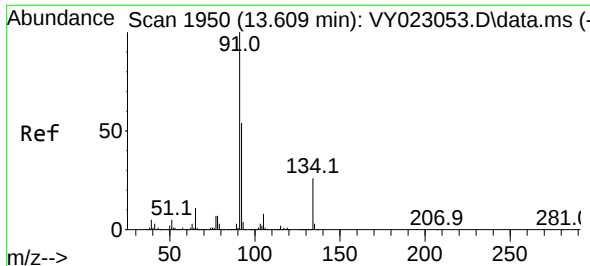
Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

148 63.6 31.6 94.7

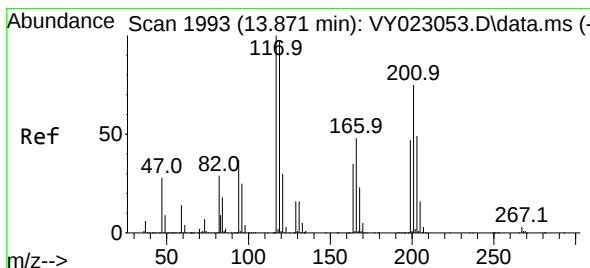
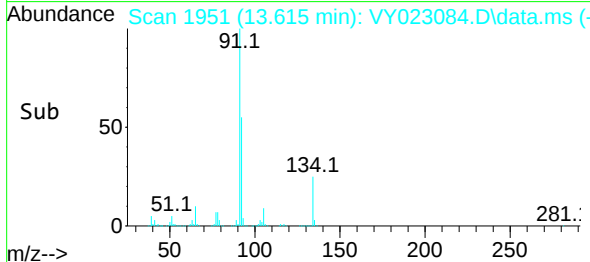
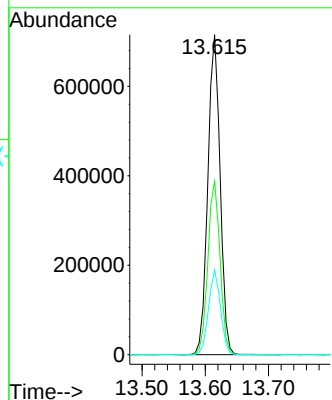
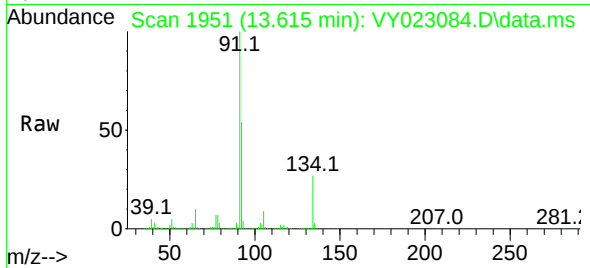




#89
n-Butylbenzene
Concen: 57.904 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

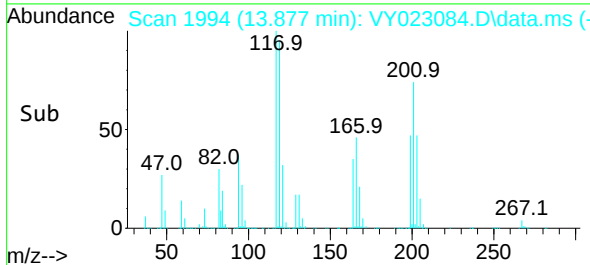
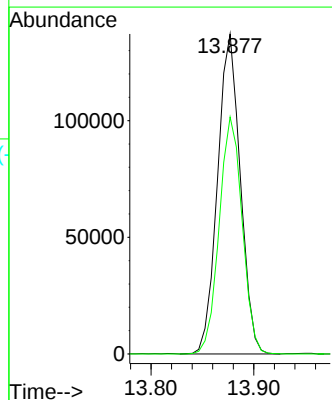
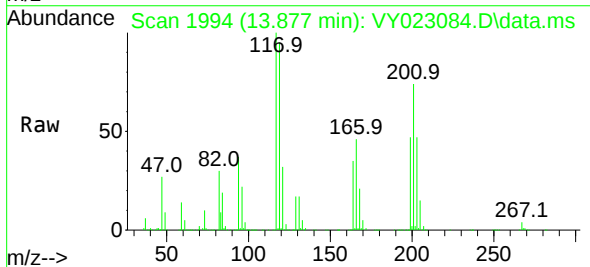
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

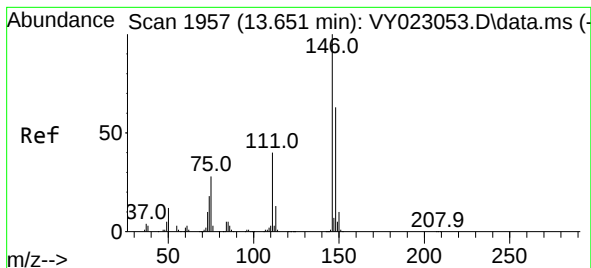
Tgt Ion: 91 Resp: 968977
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 25.8 13.2 39.5



#90
Hexachloroethane
Concen: 56.482 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion: 117 Resp: 210671
Ion Ratio Lower Upper
117 100
201 74.8 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 55.616 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

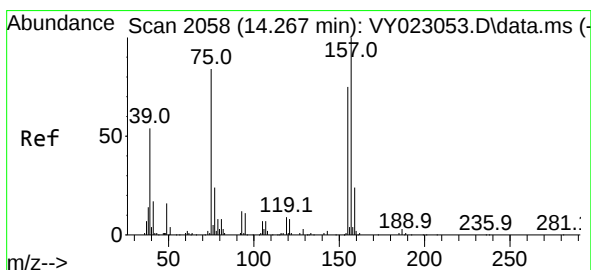
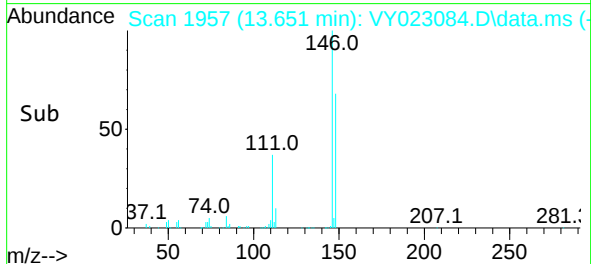
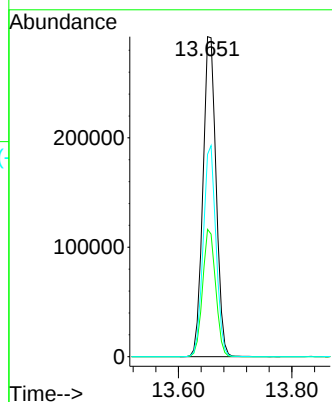
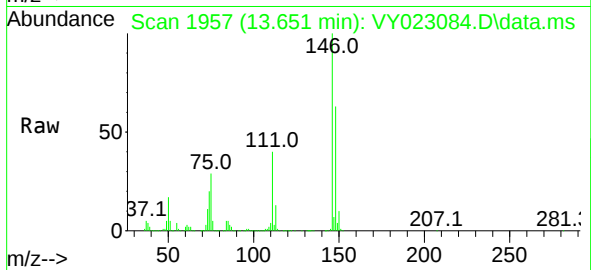
Tgt Ion:146 Resp: 469762

Ion Ratio Lower Upper

146 100

111 39.5 20.3 60.8

148 64.0 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.839 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

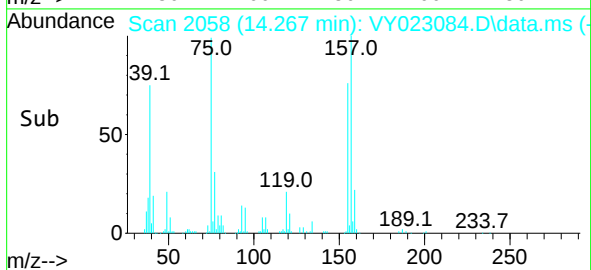
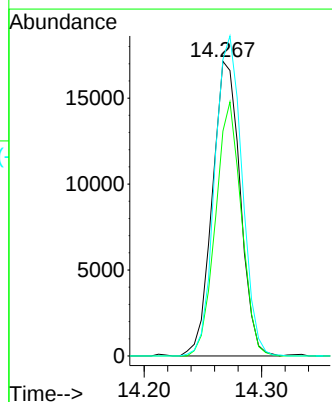
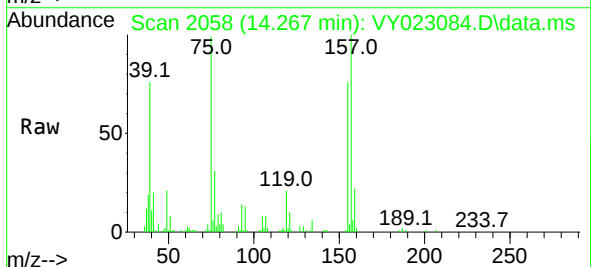
Tgt Ion: 75 Resp: 28212

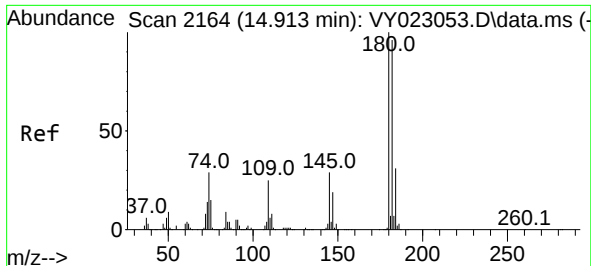
Ion Ratio Lower Upper

75 100

155 80.2 43.9 131.6

157 106.5 57.2 171.6

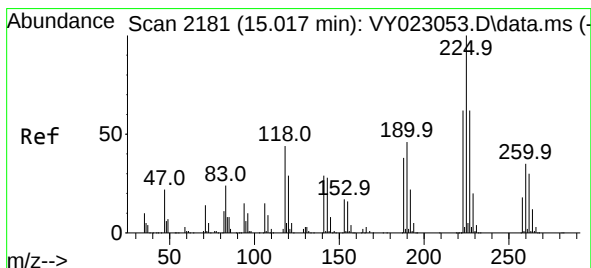
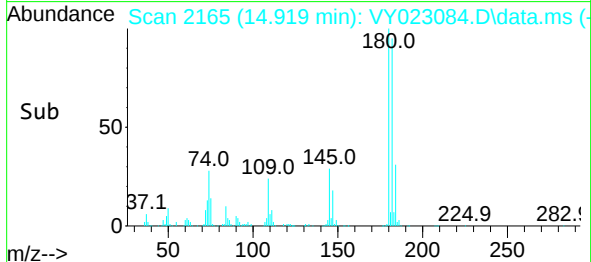
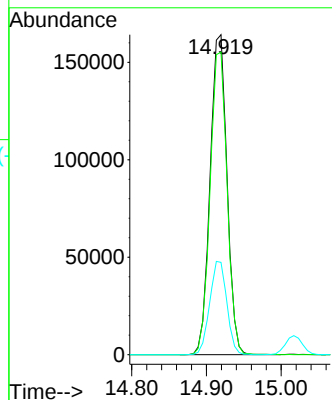
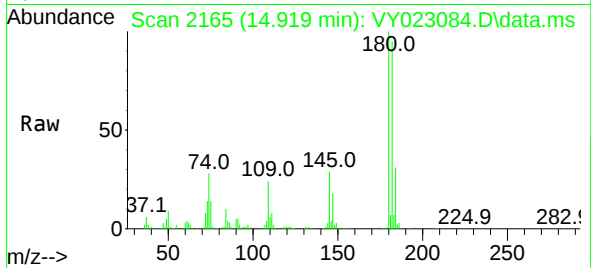




#93
1,2,4-Trichlorobenzene
Concen: 51.769 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

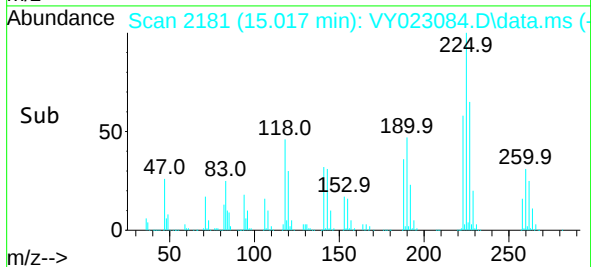
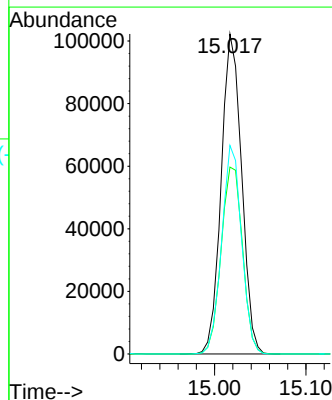
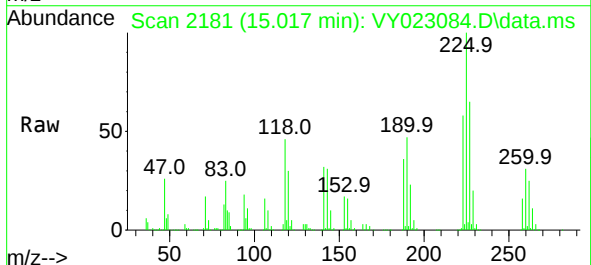
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

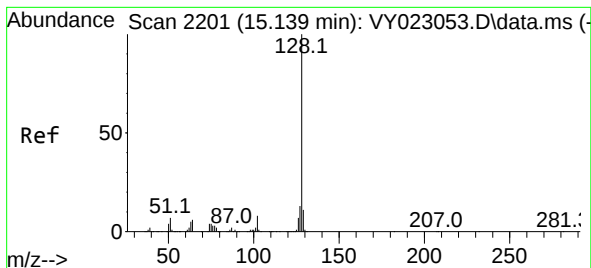
Tgt Ion:180 Resp: 258580
Ion Ratio Lower Upper
180 100
182 95.0 46.8 140.4
145 29.5 14.4 43.4



#94
Hexachlorobutadiene
Concen: 54.099 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023084.D
Acq: 14 Aug 2025 10:17

Tgt Ion:225 Resp: 158788
Ion Ratio Lower Upper
225 100
223 61.2 31.3 93.8
227 63.5 31.5 94.5





#95

Naphthalene

Concen: 50.929 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

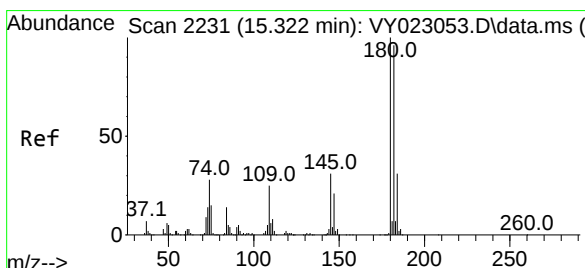
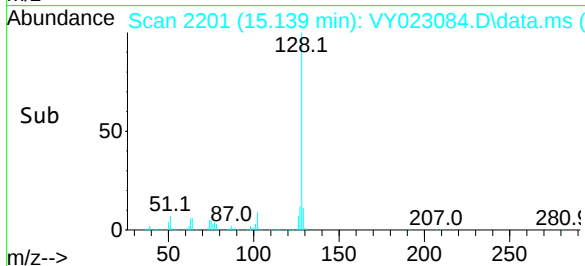
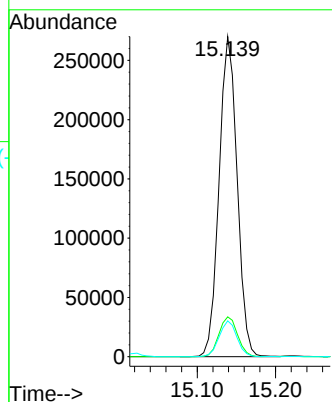
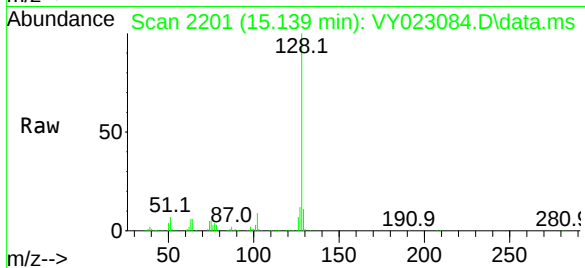
Tgt Ion:128 Resp: 433775

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.145 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023084.D

Acq: 14 Aug 2025 10:17

Tgt Ion:180 Resp: 220135

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 31.7 15.9 47.7

