

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023355.D
 Acq On : 12 Sep 2025 08:57
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 12 23:56:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	514783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	754293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	675005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	351902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209870	46.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.800%
35) Dibromofluoromethane	7.634	113	228490	49.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.109	98	888489	51.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.408	95	282005	51.470	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	171075	41.423	ug/l	98
3) Chloromethane	2.074	50	263686	44.619	ug/l	98
4) Vinyl Chloride	2.208	62	343562	46.146	ug/l	99
5) Bromomethane	2.598	94	279134	45.917	ug/l	99
6) Chloroethane	2.739	64	236797	47.000	ug/l	98
7) Trichlorofluoromethane	3.056	101	446370	47.502	ug/l	99
8) Diethyl Ether	3.458	74	113461	45.633	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	228134	45.144	ug/l	96
10) Methyl Iodide	4.001	142	279990	47.496	ug/l	99
11) Tert butyl alcohol	4.860	59	55408	211.989	ug/l	99
12) 1,1-Dichloroethene	3.787	96	223115	45.895	ug/l	93
13) Acrolein	3.653	56	64755	146.546	ug/l	98
14) Allyl chloride	4.385	41	274928	44.769	ug/l	96
15) Acrylonitrile	5.061	53	214064	218.701	ug/l	99
16) Acetone	3.866	43	261135	253.438	ug/l	99
17) Carbon Disulfide	4.104	76	688299	44.720	ug/l	99
18) Methyl Acetate	4.385	43	110545	43.737	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	530839	46.440	ug/l	98
20) Methylene Chloride	4.616	84	251783	45.674	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	257748	47.452	ug/l	94
22) Diisopropyl ether	6.019	45	638114	46.658	ug/l	96
23) Vinyl Acetate	5.958	43	1720726	227.583	ug/l	96
24) 1,1-Dichloroethane	5.915	63	412148	46.074	ug/l	98
25) 2-Butanone	6.890	43	299031	235.800	ug/l	95
26) 2,2-Dichloropropane	6.884	77	375635	47.558	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	294122	47.817	ug/l	93
28) Bromochloromethane	7.244	49	146123	41.514	ug/l	83
29) Tetrahydrofuran	7.262	42	163600	217.496	ug/l	92
30) Chloroform	7.421	83	451325	46.957	ug/l	97
31) Cyclohexane	7.701	56	344024	43.460	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	406331	47.318	ug/l	98
36) 1,1-Dichloropropene	7.835	75	316799	48.241	ug/l	98
37) Ethyl Acetate	6.988	43	118181	45.240	ug/l	97
38) Carbon Tetrachloride	7.817	117	365616	48.385	ug/l	98
39) Methylcyclohexane	9.109	83	409822	48.782	ug/l	94
40) Benzene	8.079	78	998726	48.928	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023355.D
 Acq On : 12 Sep 2025 08:57
 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: Sep 12 23:56:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	67890	50.185	ug/l	97
42) 1,2-Dichloroethane	8.158	62	243262	46.809	ug/l	98
43) Isopropyl Acetate	8.195	43	229307	45.131	ug/l #	81
44) Trichloroethene	8.866	130	281636	49.536	ug/l	100
45) 1,2-Dichloropropane	9.140	63	223206	48.419	ug/l	99
46) Dibromomethane	9.231	93	133609	47.592	ug/l	95
47) Bromodichloromethane	9.420	83	344182	48.732	ug/l	99
48) Methyl methacrylate	9.219	41	108938	45.999	ug/l	90
49) 1,4-Dioxane	9.225	88	27234	955.645	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	614426	236.372	ug/l	96
52) Toluene	10.170	92	656937	50.715	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	299546	49.261	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	356407	49.052	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	181099	48.494	ug/l	98
56) Ethyl methacrylate	10.438	69	216700	50.086	ug/l	95
57) 1,3-Dichloropropane	10.719	76	290734	47.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	483667	256.492	ug/l	94
59) 2-Hexanone	10.762	43	448796	249.751	ug/l	98
60) Dibromochloromethane	10.908	129	250206	49.380	ug/l	100
61) 1,2-Dibromoethane	11.012	107	171872	49.115	ug/l	98
64) Tetrachloroethene	10.646	164	354737	52.729	ug/l	98
65) Chlorobenzene	11.444	112	719508	48.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	253995	48.935	ug/l	98
67) Ethyl Benzene	11.518	91	1216089	50.338	ug/l	97
68) m/p-Xylenes	11.627	106	991860	102.532	ug/l	95
69) o-Xylene	11.956	106	453209	50.609	ug/l	99
70) Styrene	11.969	104	763126	51.418	ug/l	98
71) Bromoform	12.133	173	150154	48.578	ug/l	99
73) Isopropylbenzene	12.255	105	1185246	50.002	ug/l	99
74) N-amyl acetate	12.072	43	206868	46.170	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	176047	44.252	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	245317	68.838	ug/l #	100
77) Bromobenzene	12.530	156	295123	48.733	ug/l	91
78) n-propylbenzene	12.590	91	1390886	49.784	ug/l	98
79) 2-Chlorotoluene	12.676	91	788026	48.971	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	965867	50.099	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	60697	46.448	ug/l	98
82) 4-Chlorotoluene	12.779	91	817292	48.540	ug/l	97
83) tert-Butylbenzene	12.999	119	873871	50.047	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	975734	51.160	ug/l	100
85) sec-Butylbenzene	13.176	105	1269247	49.960	ug/l	98
86) p-Isopropyltoluene	13.292	119	1085100	50.564	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	582604	48.617	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	566763	47.749	ug/l	98
89) n-Butylbenzene	13.615	91	950237	49.928	ug/l	99
90) Hexachloroethane	13.877	117	221142	47.532	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	506489	48.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27800	44.535	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	299630	49.163	ug/l	98
94) Hexachlorobutadiene	15.023	225	186185	49.408	ug/l	99
95) Naphthalene	15.145	128	483768	49.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	258940	48.921	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
Data File : VY023355.D
Acq On : 12 Sep 2025 08:57
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: Sep 12 23:56:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

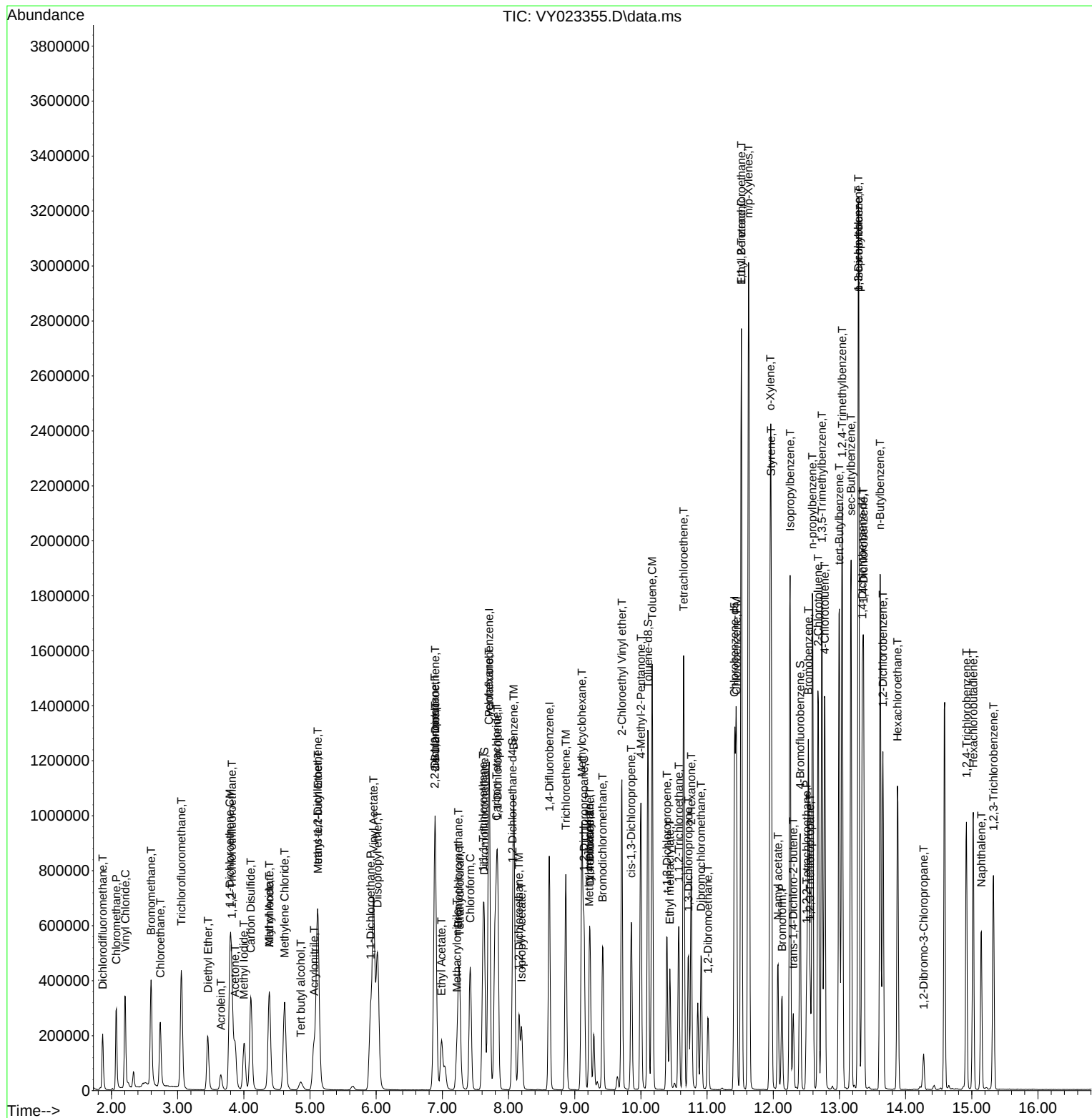
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

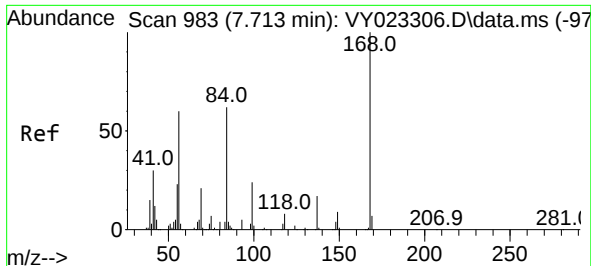
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023355.D
 Acq On : 12 Sep 2025 08:57
 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: Sep 12 23:56:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

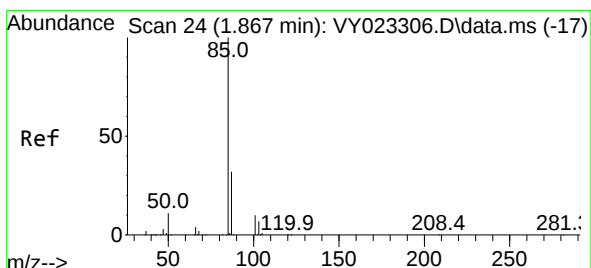
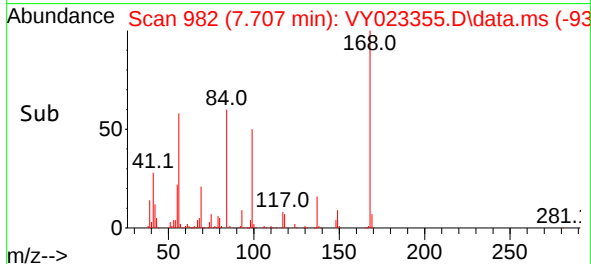
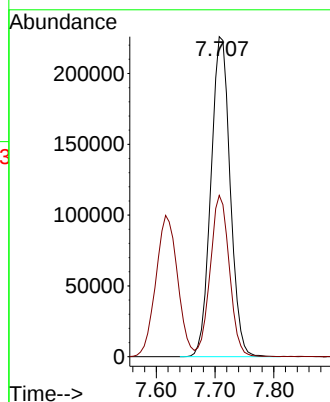
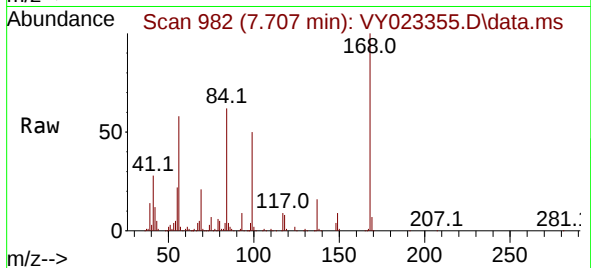




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

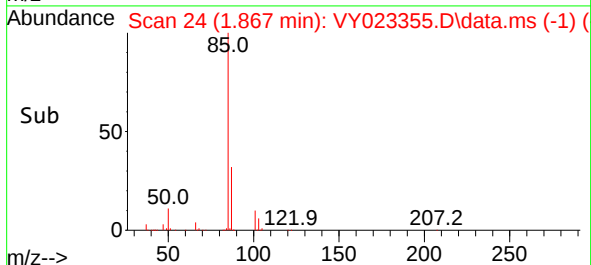
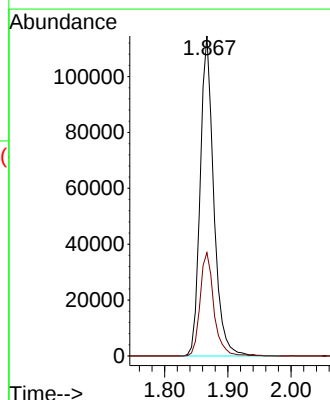
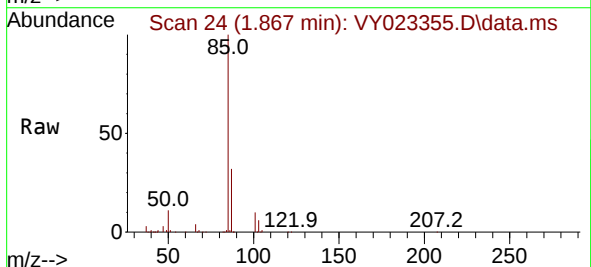
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

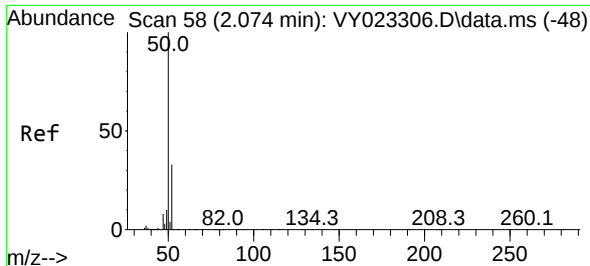
Tgt Ion:168 Resp: 514783
Ion Ratio Lower Upper
168 100
99 50.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 41.423 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 85 Resp: 171075
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8

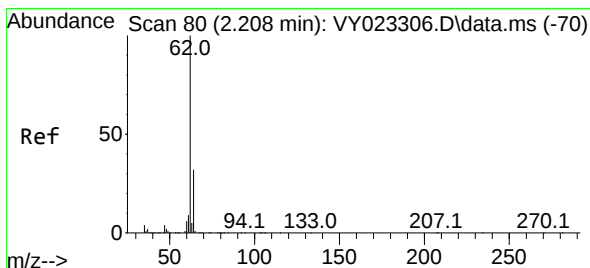
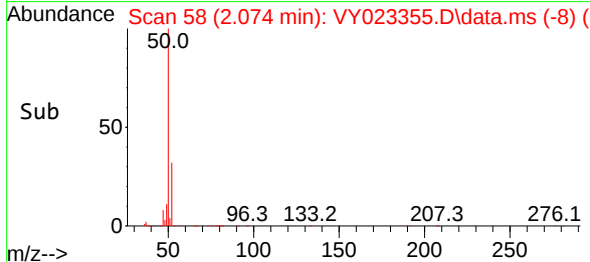
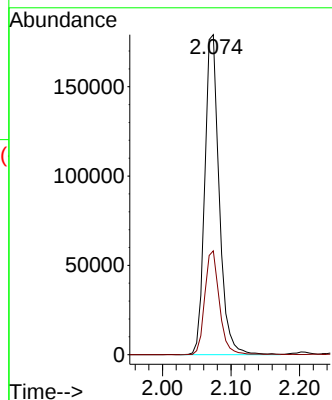
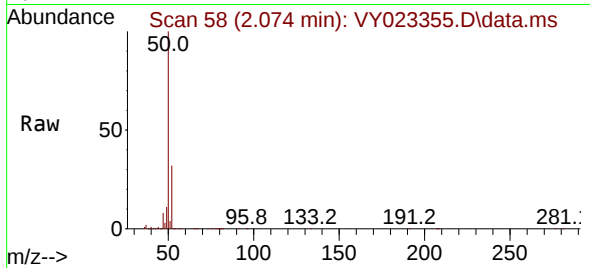




#3
Chloromethane
Concen: 44.619 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

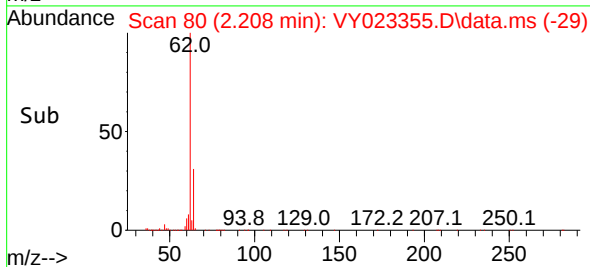
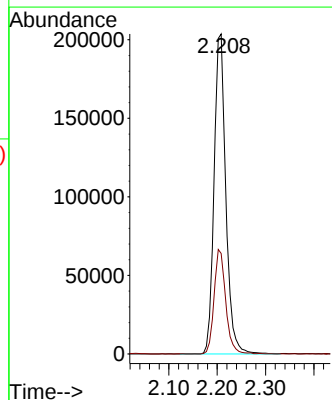
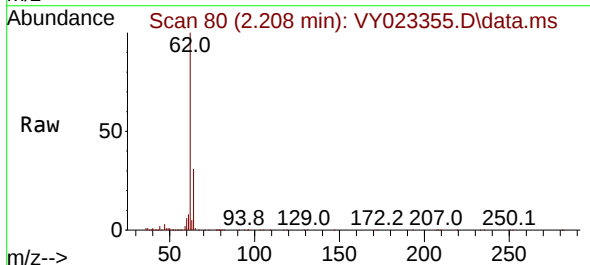
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

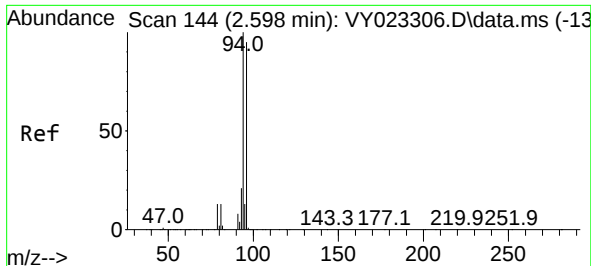
Tgt Ion: 50 Resp: 263686
Ion Ratio Lower Upper
50 100
52 32.5 26.7 40.1



#4
Vinyl Chloride
Concen: 46.146 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 62 Resp: 343562
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

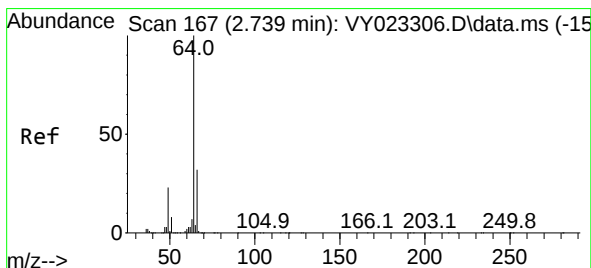
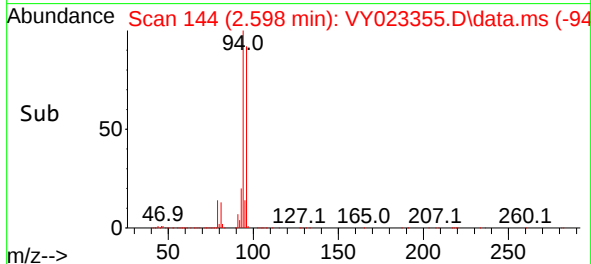
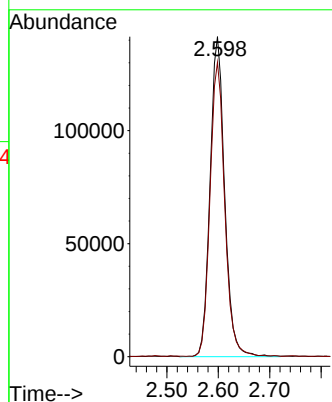
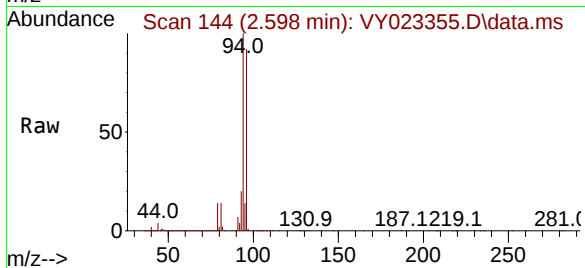




#5
Bromomethane
Concen: 45.917 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

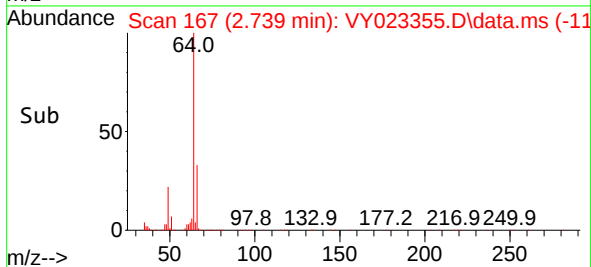
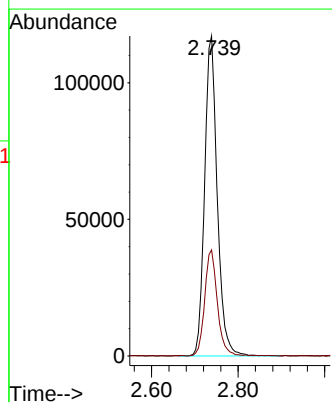
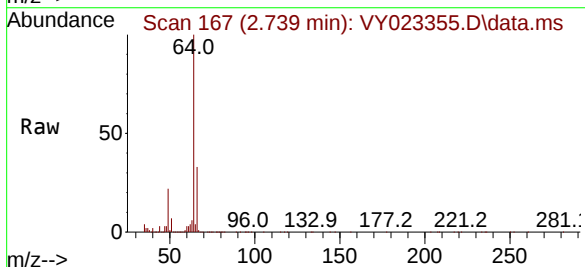
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

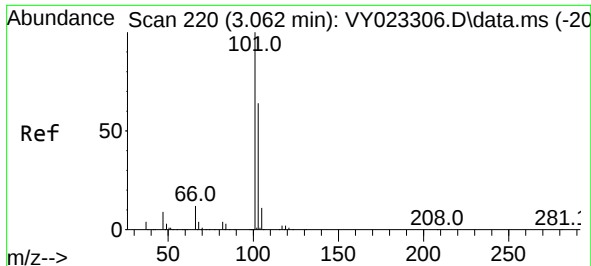
Tgt Ion: 94 Resp: 279134
Ion Ratio Lower Upper
94 100
96 91.9 74.6 112.0



#6
Chloroethane
Concen: 47.000 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 64 Resp: 236797
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.6

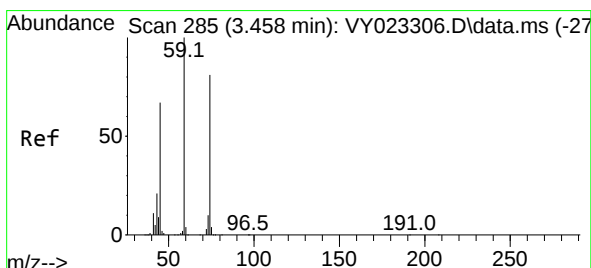
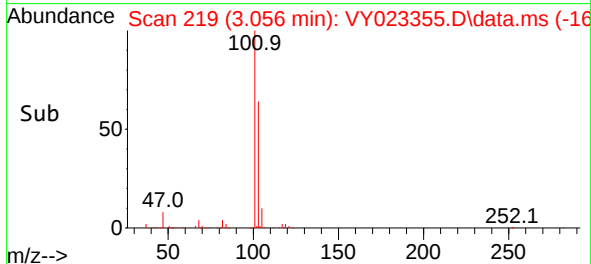
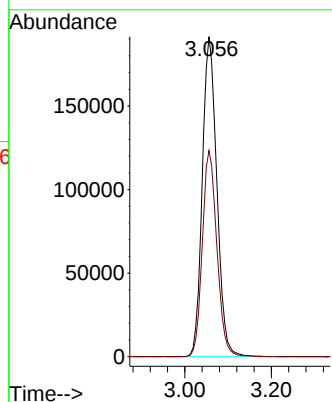
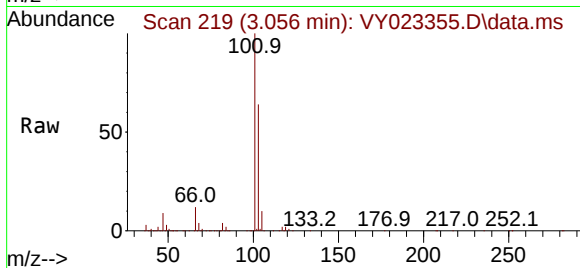




#7
Trichlorofluoromethane
Concen: 47.502 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

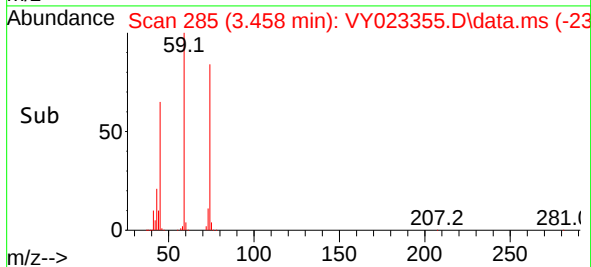
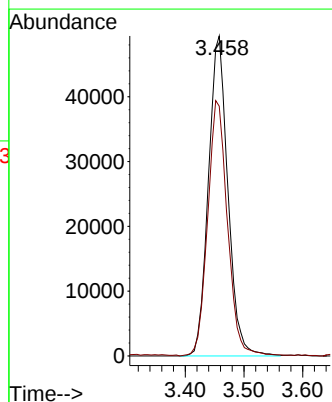
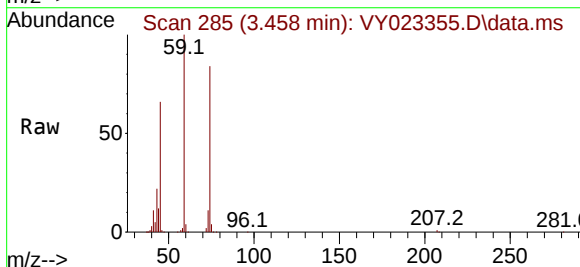
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

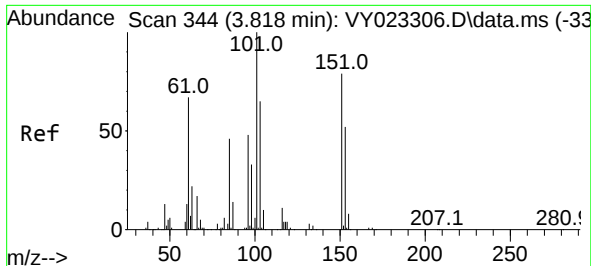
Tgt Ion:101 Resp: 446370
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9



#8
Diethyl Ether
Concen: 45.633 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 74 Resp: 113461
Ion Ratio Lower Upper
74 100
45 81.5 44.4 133.2

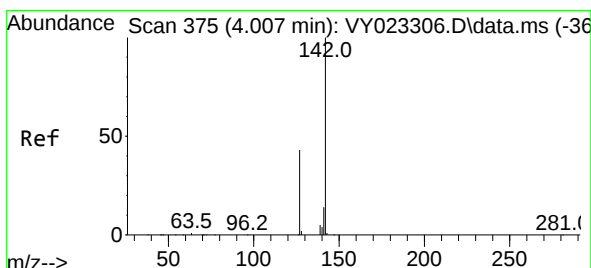
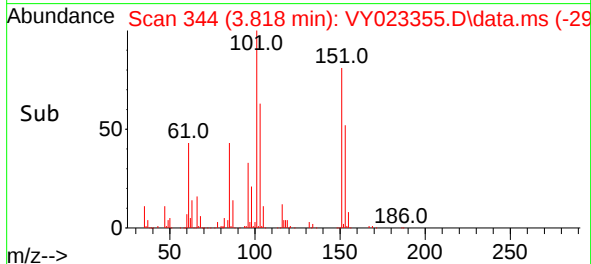
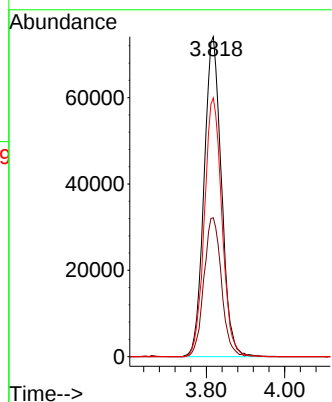
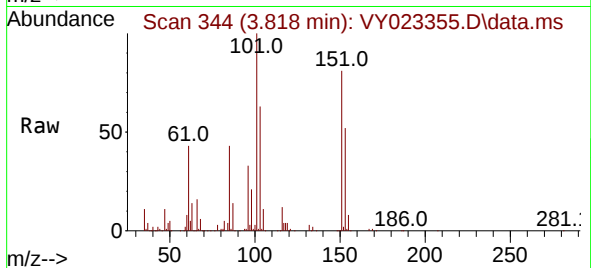




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.144 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

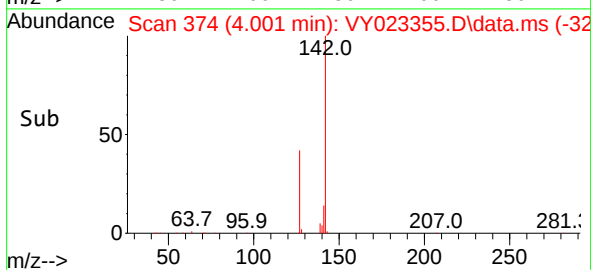
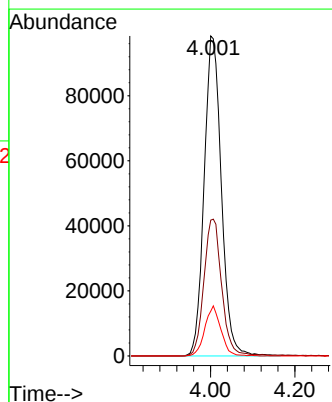
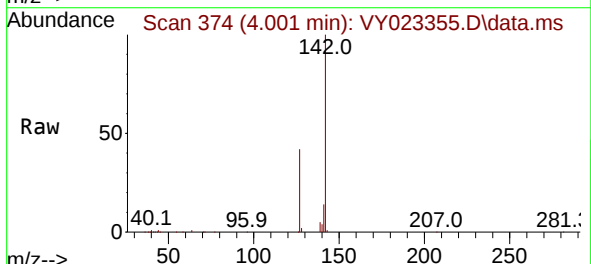
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

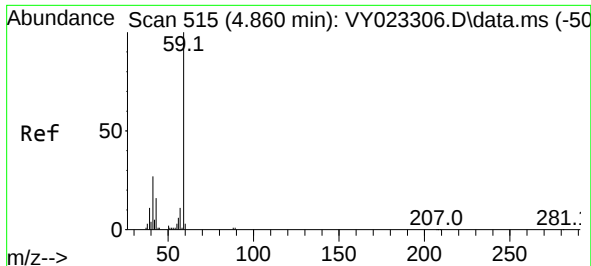
Tgt Ion:101 Resp: 228134
Ion Ratio Lower Upper
101 100
85 43.9 36.3 54.5
151 81.6 61.5 92.3



#10
Methyl Iodide
Concen: 47.496 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion:142 Resp: 279990
Ion Ratio Lower Upper
142 100
127 43.9 34.9 52.3
141 14.5 11.3 16.9

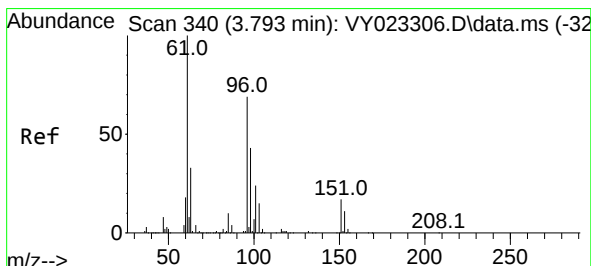
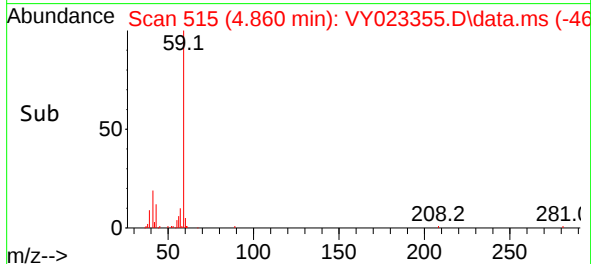
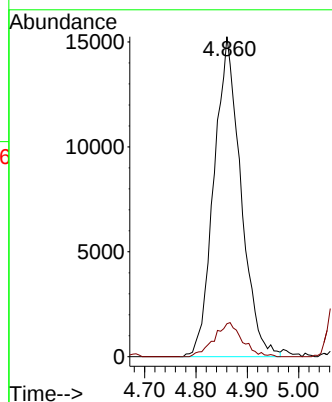
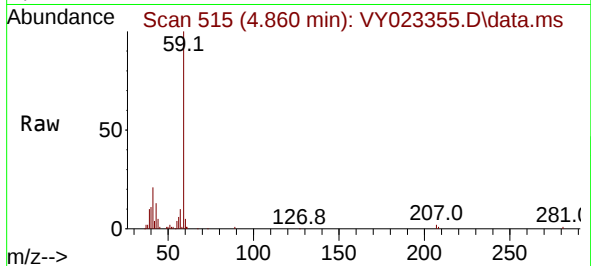




#11
Tert butyl alcohol
Concen: 211.989 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

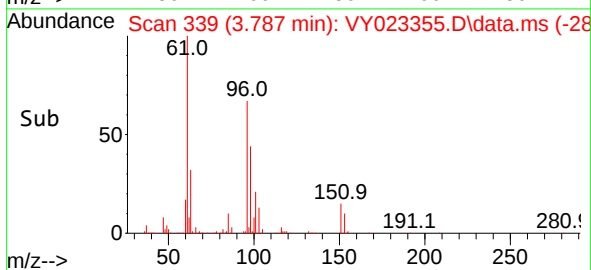
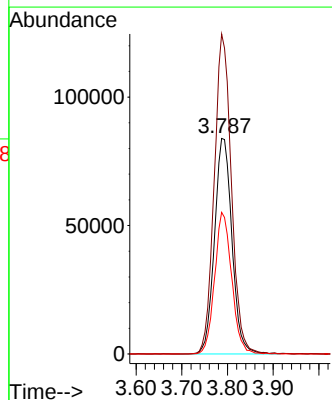
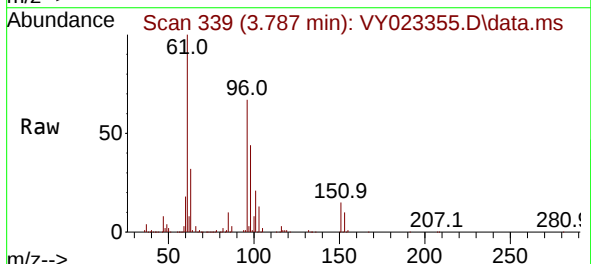
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

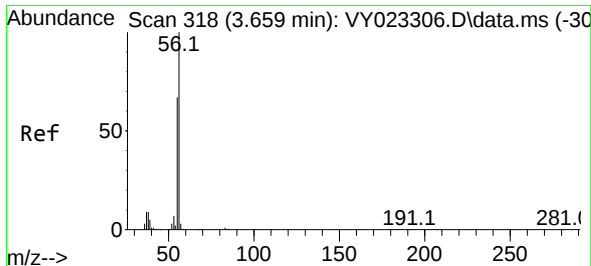
Tgt Ion: 59 Resp: 55408
Ion Ratio Lower Upper
59 100
57 11.2 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.895 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 96 Resp: 223115
Ion Ratio Lower Upper
96 100
61 148.5 129.4 194.2
98 65.7 52.8 79.2

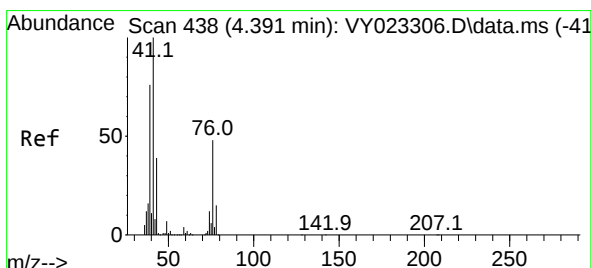
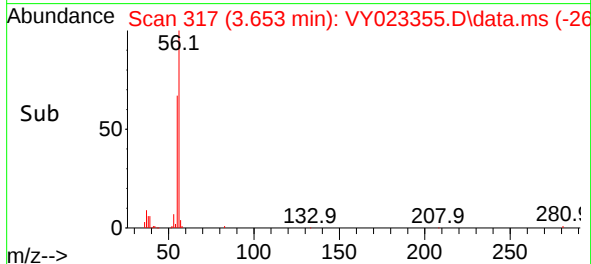
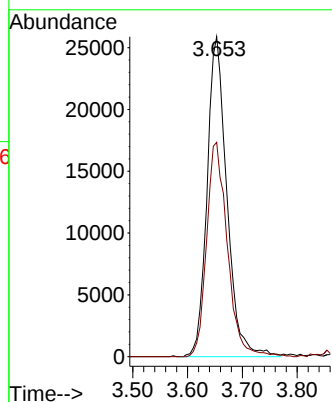
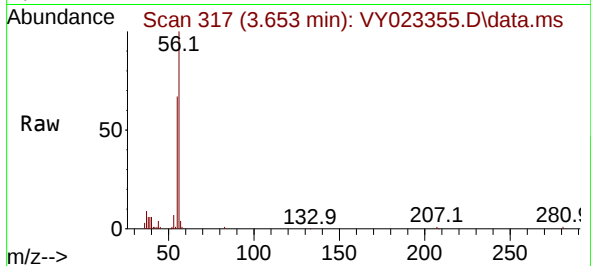




#13
Acrolein
Concen: 146.546 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

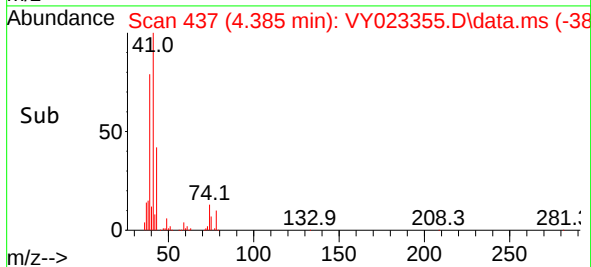
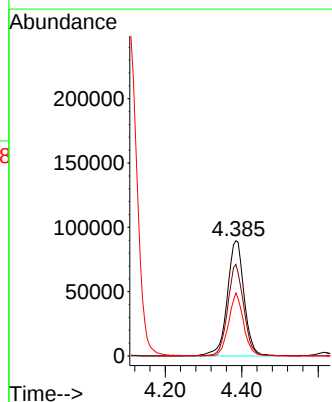
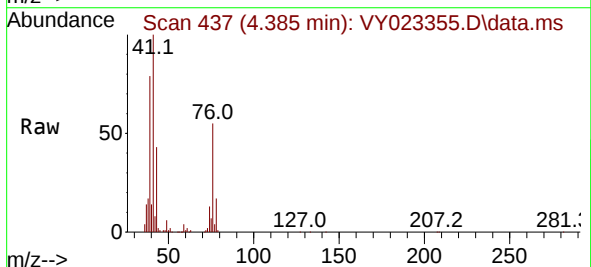
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

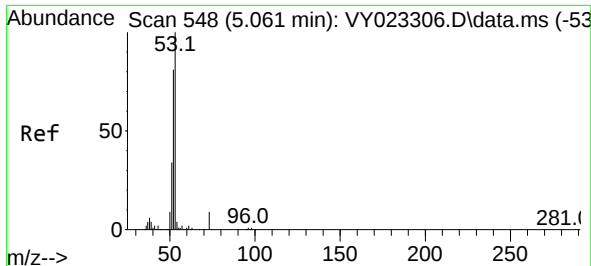
Tgt Ion: 56 Resp: 64755
Ion Ratio Lower Upper
56 100
55 70.3 55.2 82.8



#14
Allyl chloride
Concen: 44.769 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 41 Resp: 274928
Ion Ratio Lower Upper
41 100
39 75.5 59.8 89.6
76 47.6 33.7 50.5

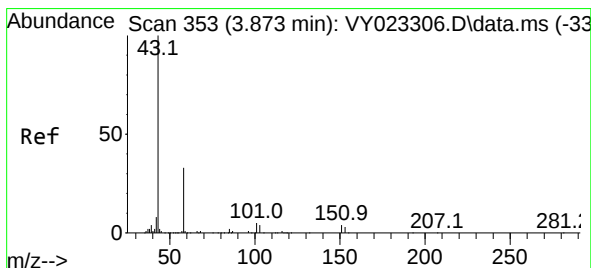
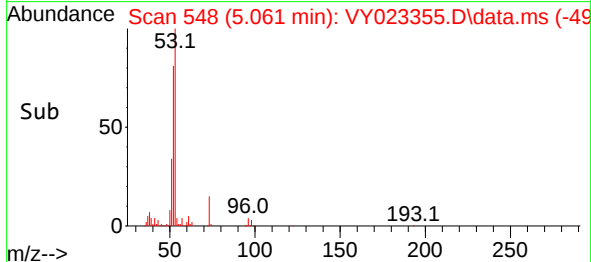
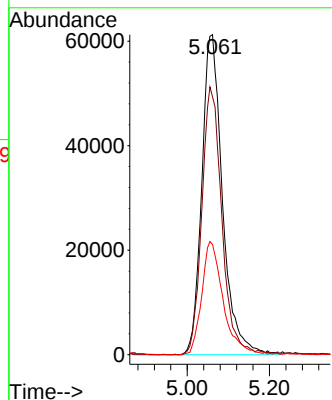
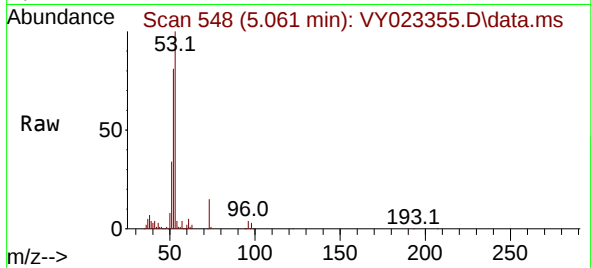




#15
Acrylonitrile
Concen: 218.701 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

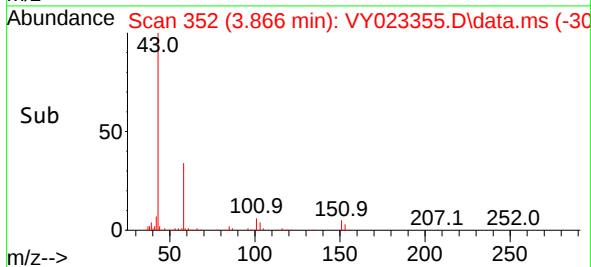
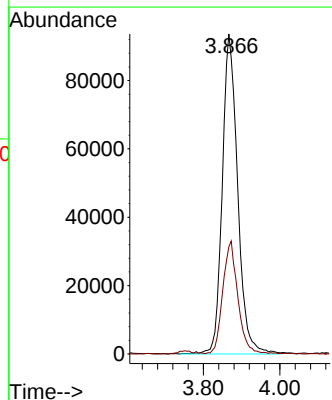
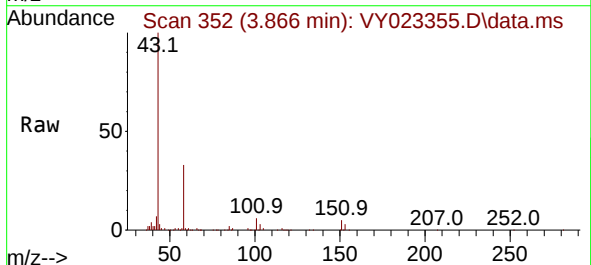
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

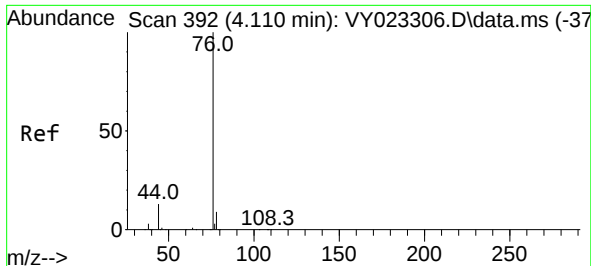
Tgt Ion: 53 Resp: 214064
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.6 29.5 44.3



#16
Acetone
Concen: 253.438 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 43 Resp: 261135
Ion Ratio Lower Upper
43 100
58 33.3 27.1 40.7

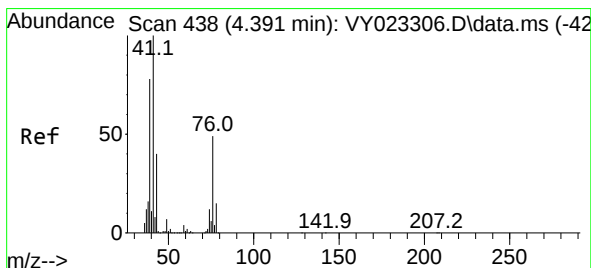
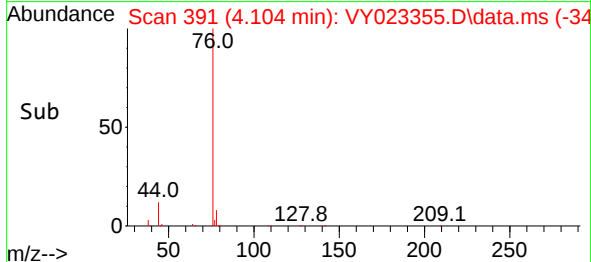
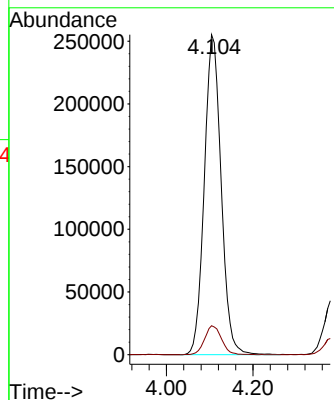
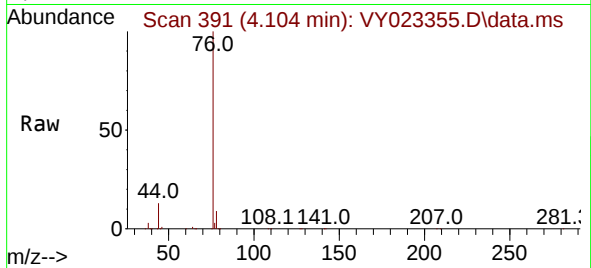




#17
Carbon Disulfide
Concen: 44.720 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

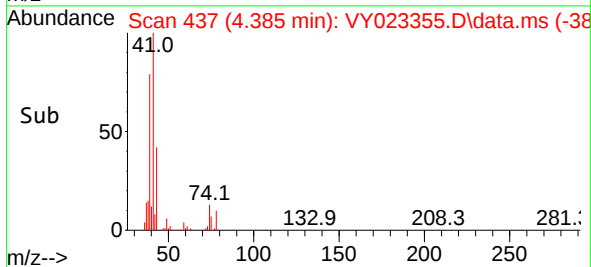
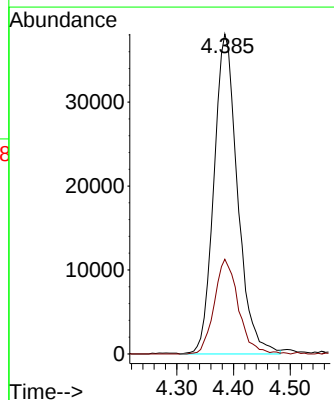
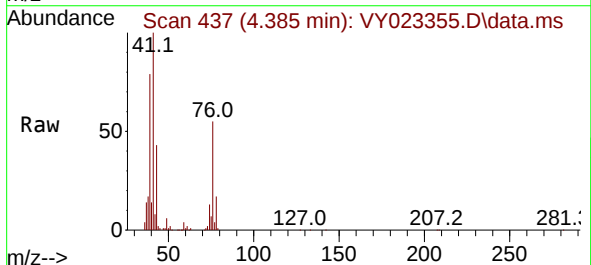
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

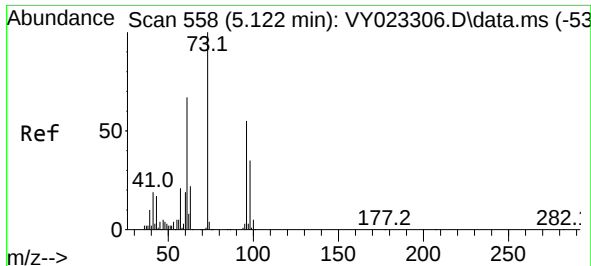
Tgt Ion: 76 Resp: 688299
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 43.737 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 43 Resp: 110545
Ion Ratio Lower Upper
43 100
74 30.2 21.2 31.8

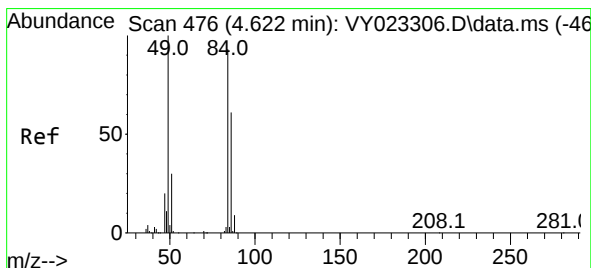
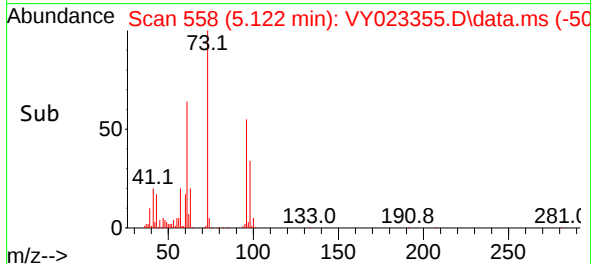
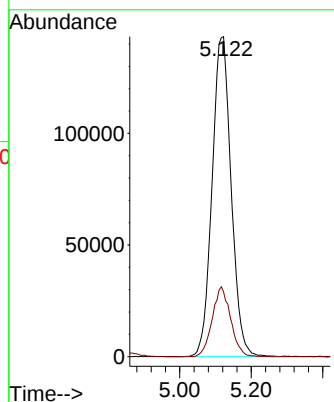
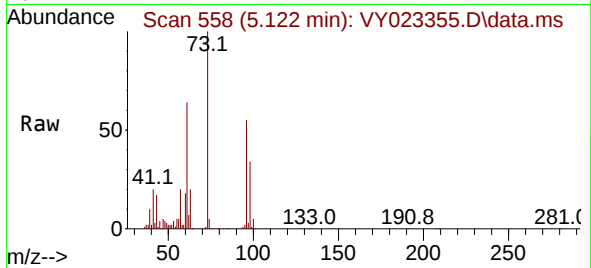




#19
Methyl tert-butyl Ether
Concen: 46.440 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

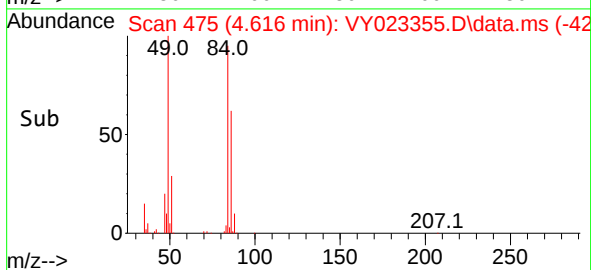
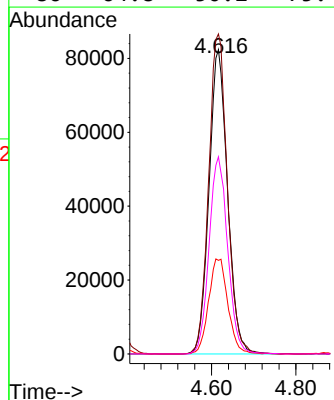
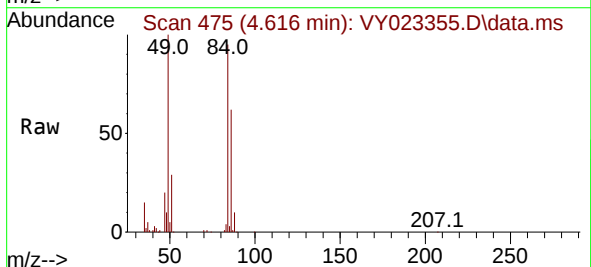
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

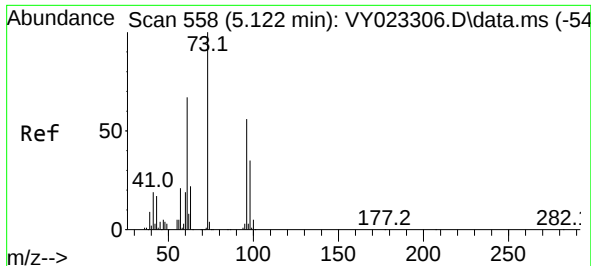
Tgt Ion: 73 Resp: 530839
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7



#20
Methylene Chloride
Concen: 45.674 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 84 Resp: 251783
Ion Ratio Lower Upper
84 100
49 105.1 93.0 139.6
51 30.8 29.0 43.4
86 64.8 50.2 75.4

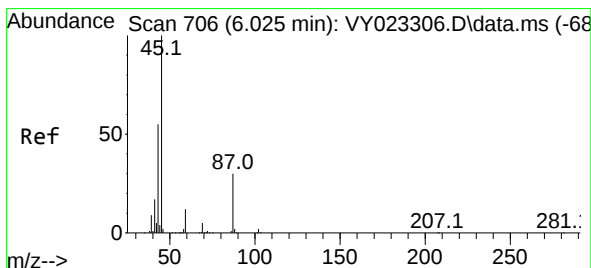
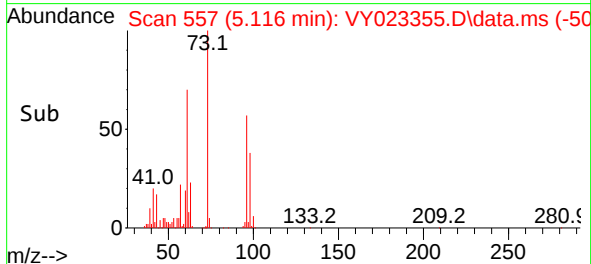
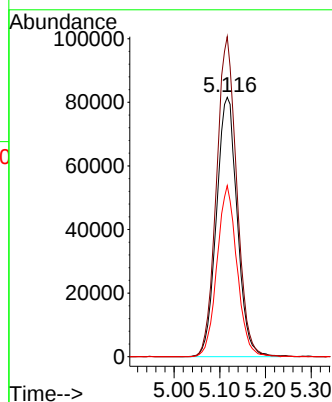
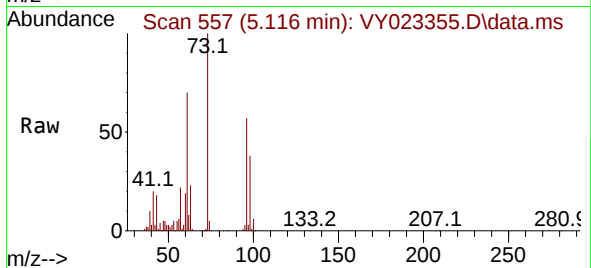




#21
trans-1,2-Dichloroethene
Concen: 47.452 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

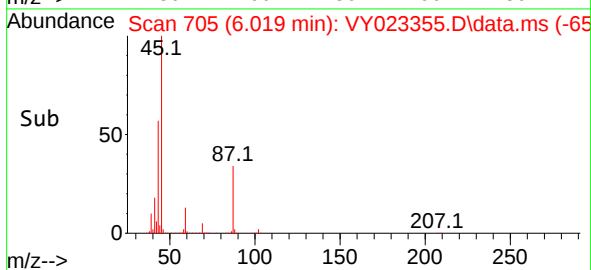
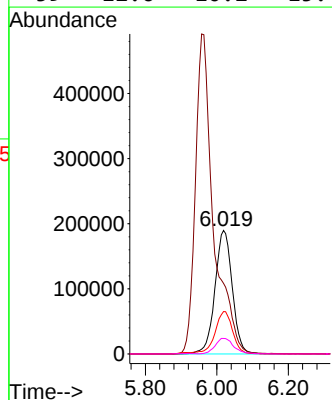
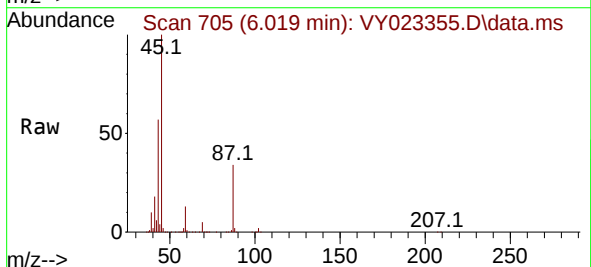
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

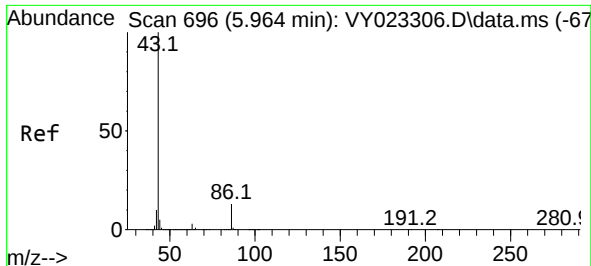
Tgt Ion: 96 Resp: 257748
Ion Ratio Lower Upper
96 100
61 123.4 104.8 157.2
98 65.9 50.1 75.1



#22
Diisopropyl ether
Concen: 46.658 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 45 Resp: 638114
Ion Ratio Lower Upper
45 100
43 56.8 43.4 65.0
87 34.4 24.4 36.6
59 12.6 10.2 15.4

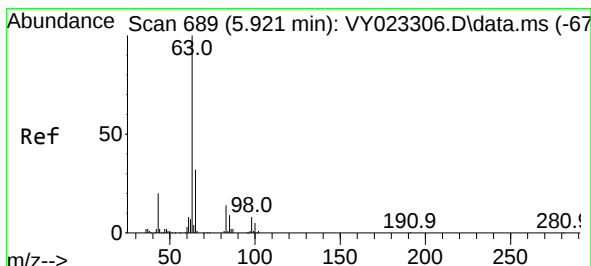
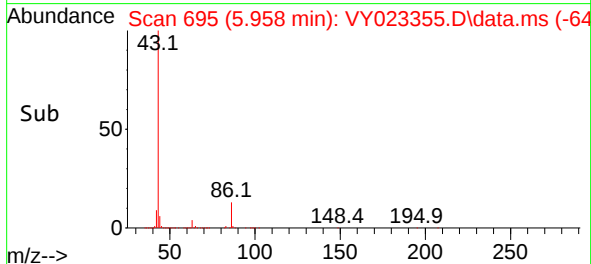
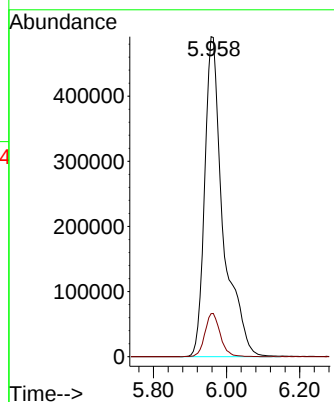
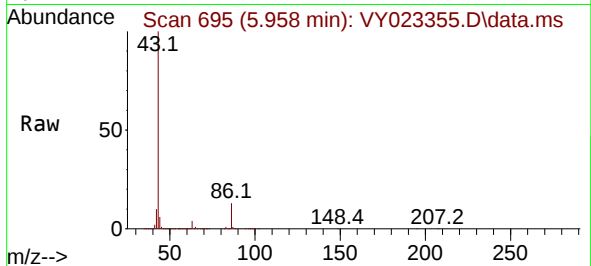




#23
 Vinyl Acetate
 Concen: 227.583 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

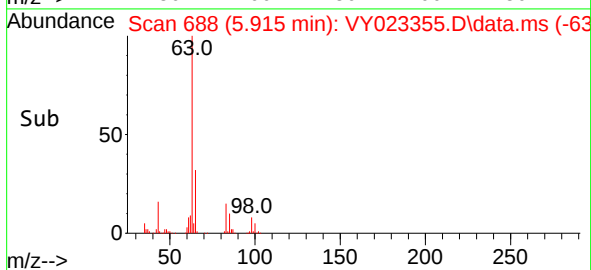
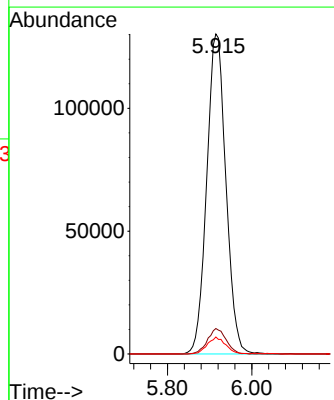
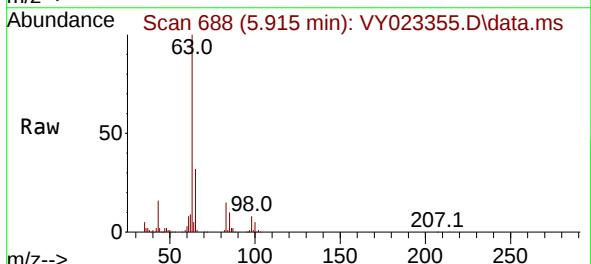
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

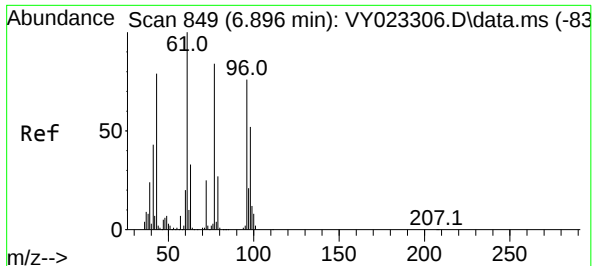
Tgt Ion: 43 Resp: 1720726
 Ion Ratio Lower Upper
 43 100
 86 13.5 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 46.074 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

Tgt Ion: 63 Resp: 412148
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 5.3 2.4 7.1





#25

2-Butanone

Concen: 235.800 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

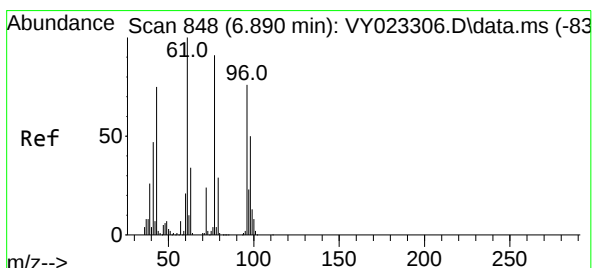
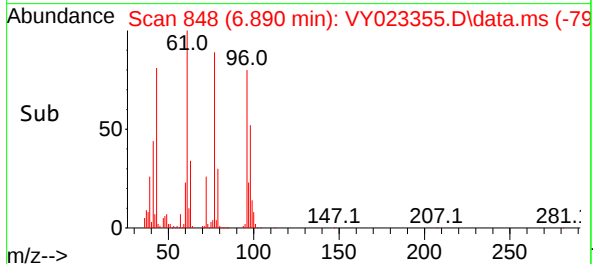
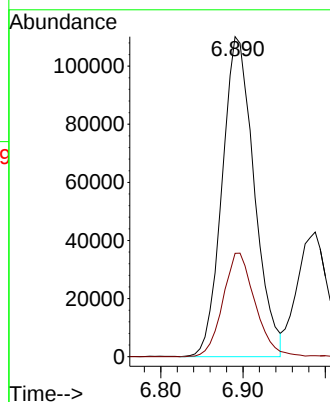
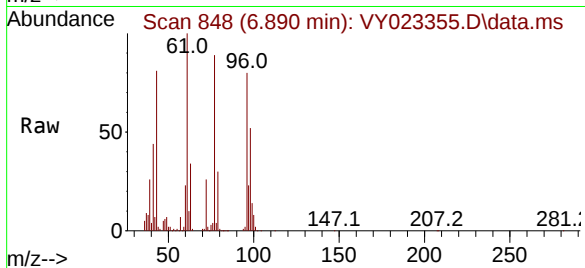
VSTDCCC050

Tgt Ion: 43 Resp: 299031

Ion Ratio Lower Upper

43 100

72 32.3 23.5 35.3



#26

2,2-Dichloropropane

Concen: 47.558 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023355.D

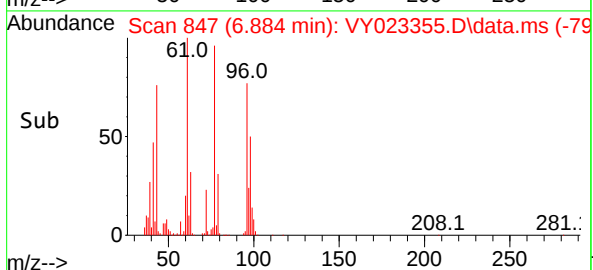
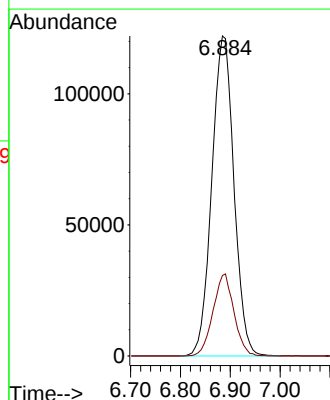
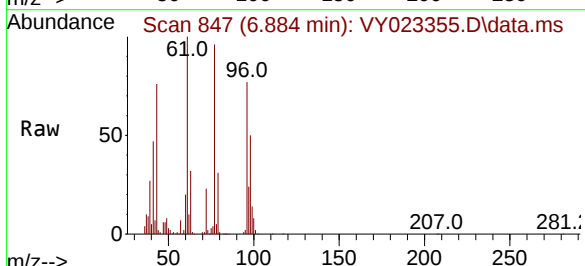
Acq: 12 Sep 2025 08:57

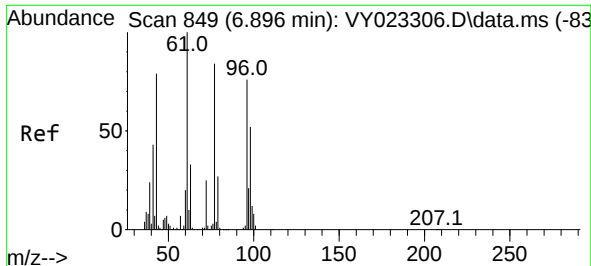
Tgt Ion: 77 Resp: 375635

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.817 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

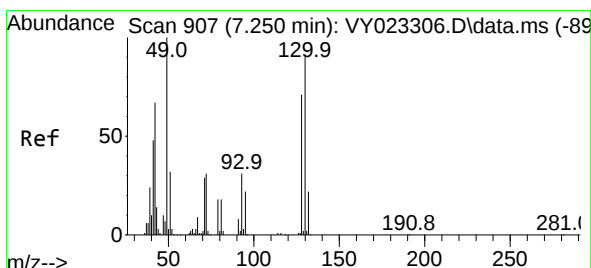
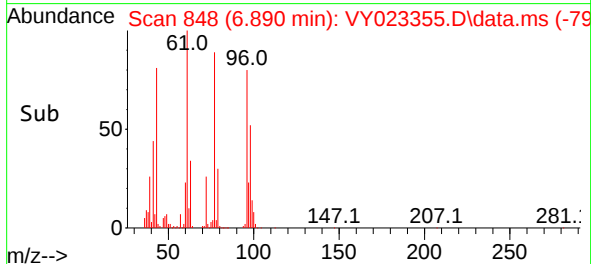
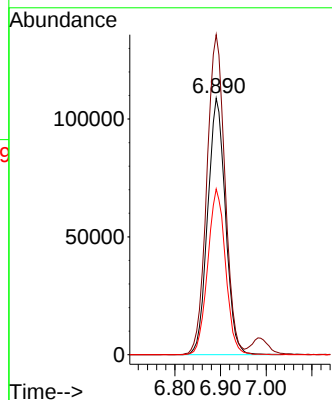
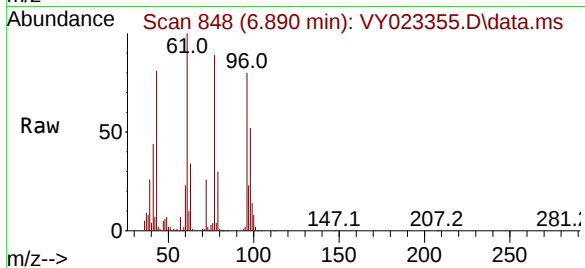
Tgt Ion: 96 Resp: 294122

Ion Ratio Lower Upper

96 100

61 127.3 0.0 278.6

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 41.514 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

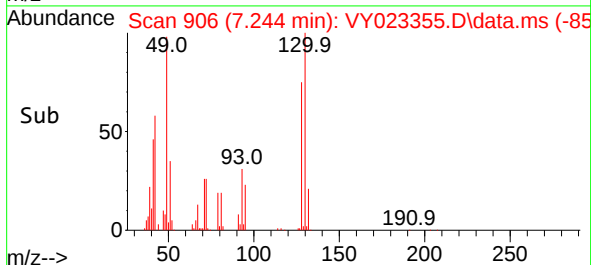
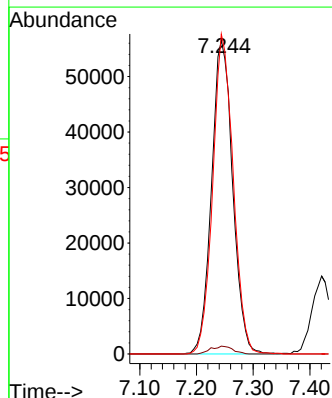
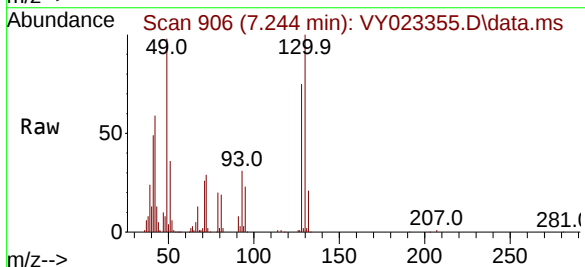
Tgt Ion: 49 Resp: 146123

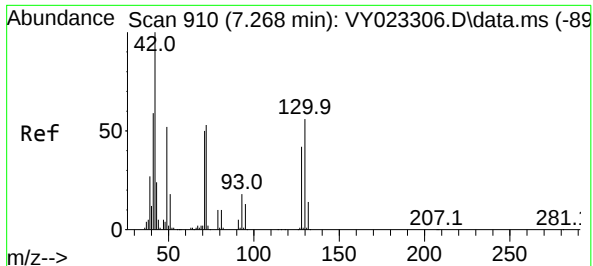
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 98.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 217.496 ug/l

RT: 7.262 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

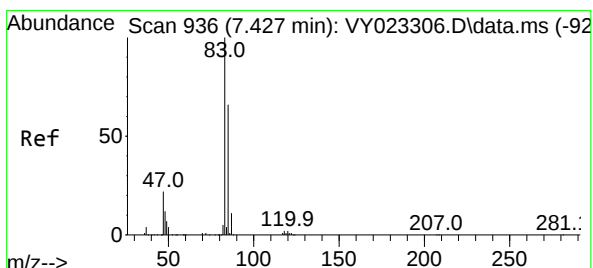
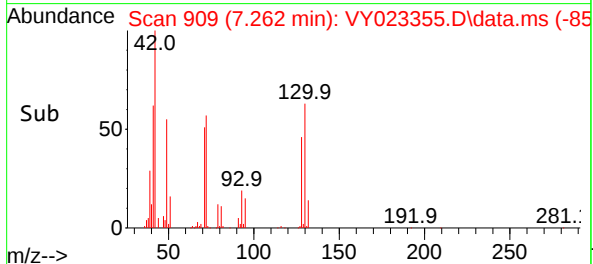
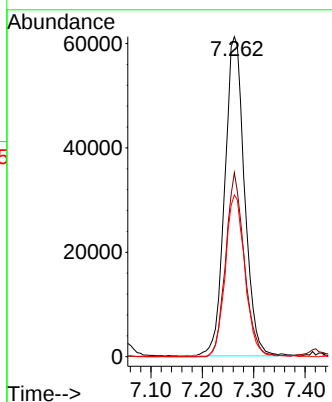
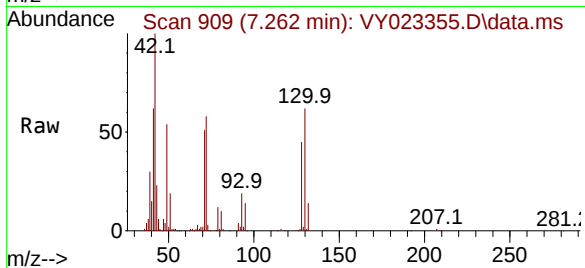
Tgt Ion: 42 Resp: 163600

Ion Ratio Lower Upper

42 100

72 54.5 39.4 59.2

71 50.6 36.5 54.7



#30

Chloroform

Concen: 46.957 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023355.D

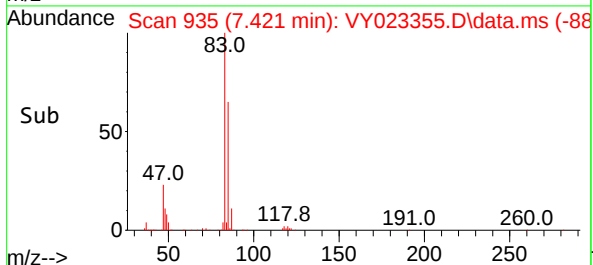
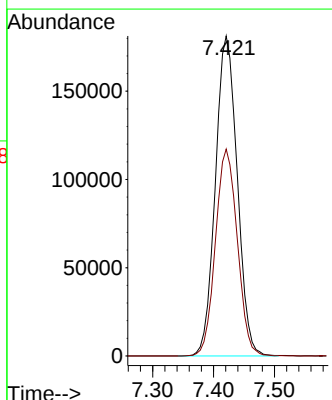
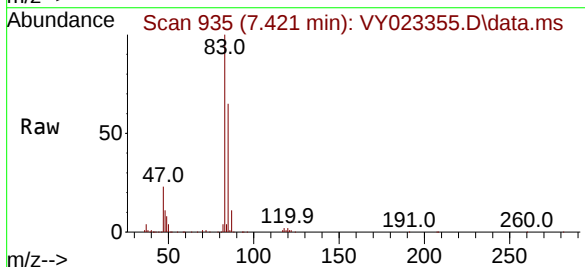
Acq: 12 Sep 2025 08:57

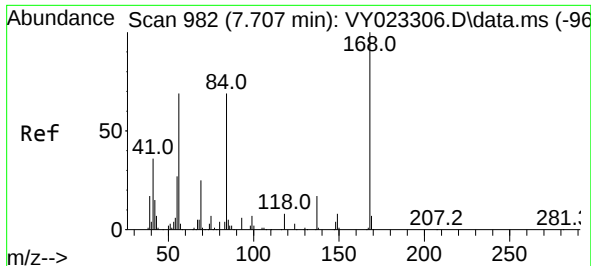
Tgt Ion: 83 Resp: 451325

Ion Ratio Lower Upper

83 100

85 64.6 53.8 80.8

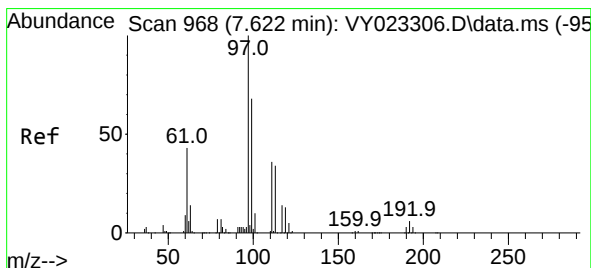
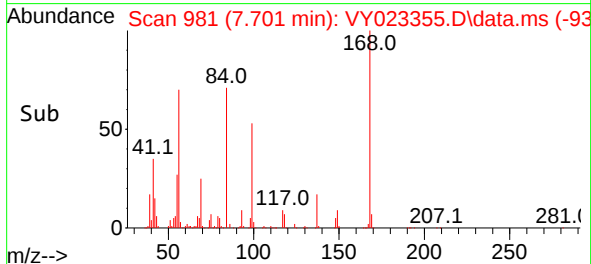
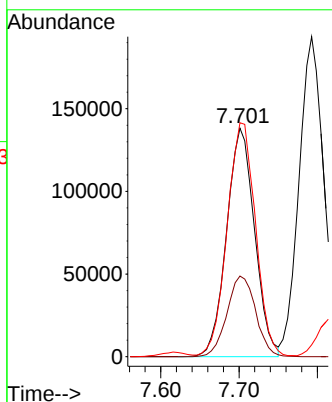
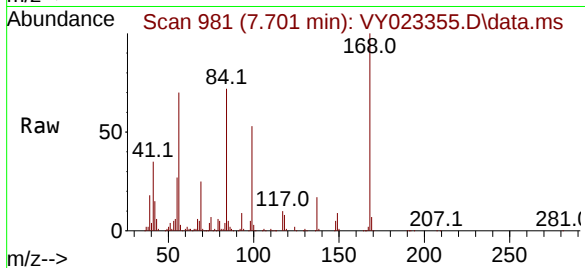




#31
Cyclohexane
Concen: 43.460 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

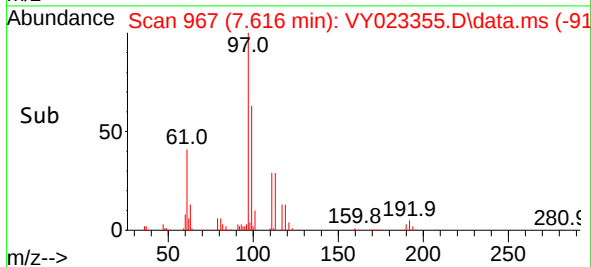
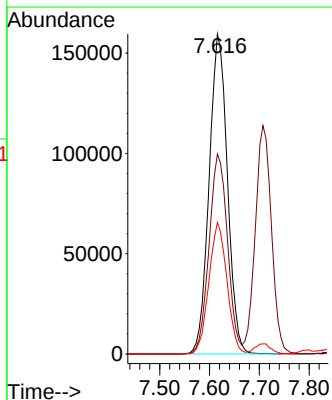
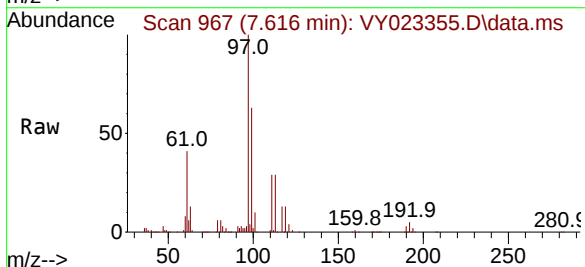
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

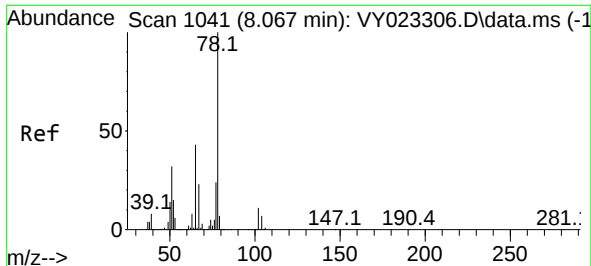
Tgt Ion: 56 Resp: 344024
Ion Ratio Lower Upper
56 100
69 35.3 28.2 42.2
84 100.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 47.318 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 97 Resp: 406331
Ion Ratio Lower Upper
97 100
99 63.2 51.6 77.4
61 40.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.396 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

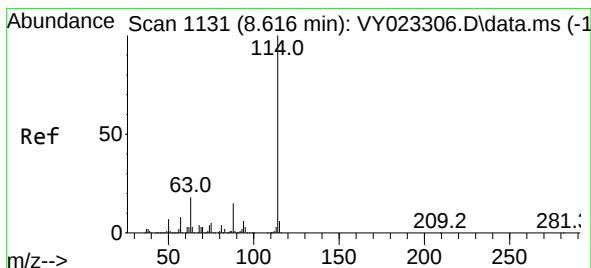
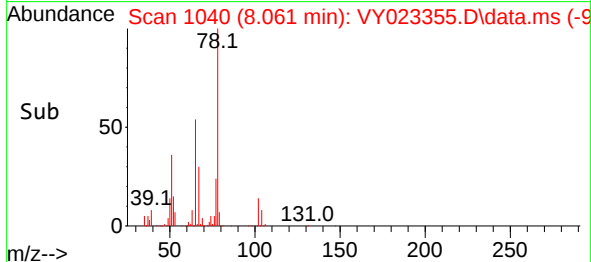
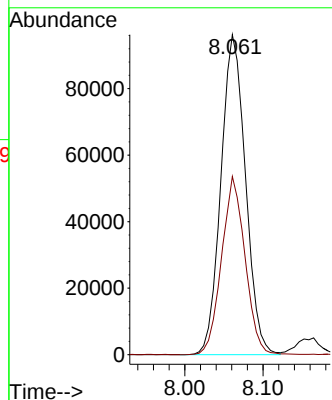
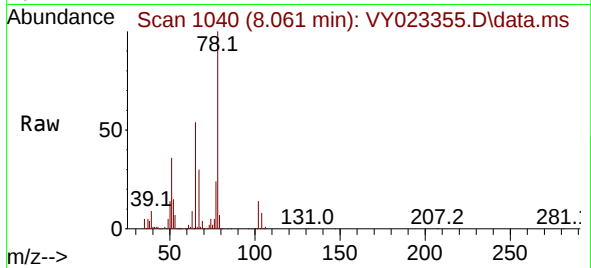
VSTDCCC050

Tgt Ion: 65 Resp: 209870

Ion Ratio Lower Upper

65 100

67 53.3 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: VY023355.D

Acq: 12 Sep 2025 08:57

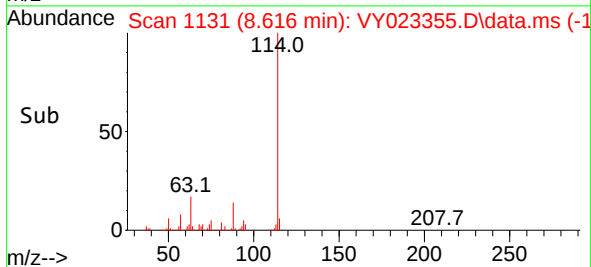
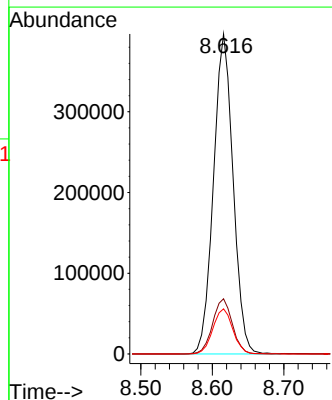
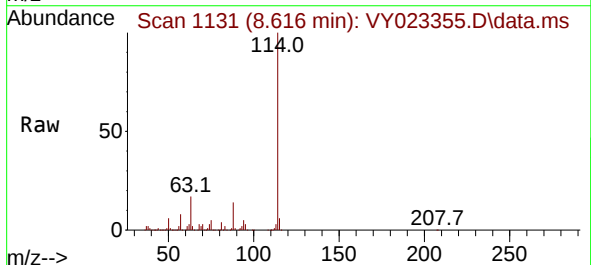
Tgt Ion: 114 Resp: 754293

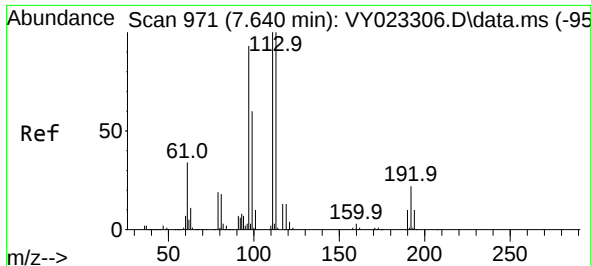
Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

88 14.1 0.0 30.0

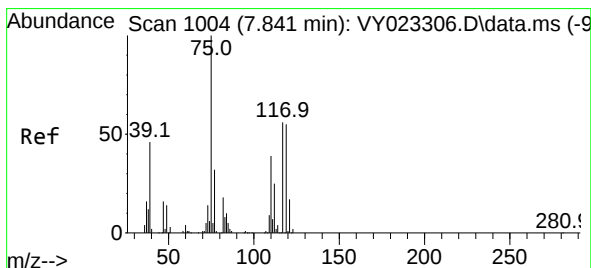
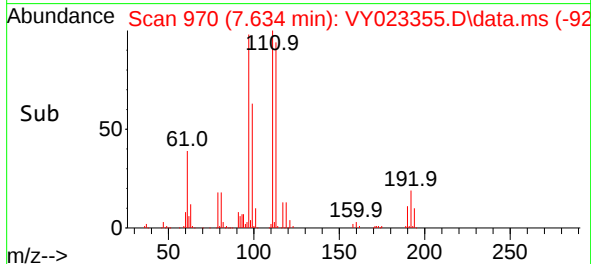
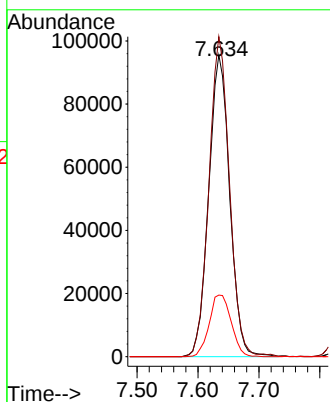
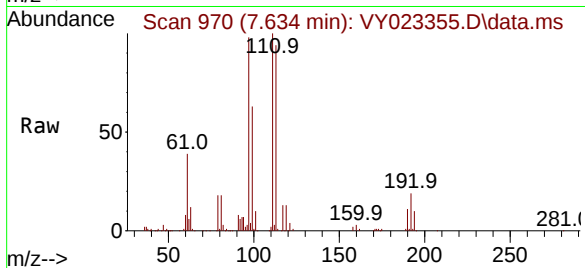




#35
Dibromofluoromethane
Concen: 49.556 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

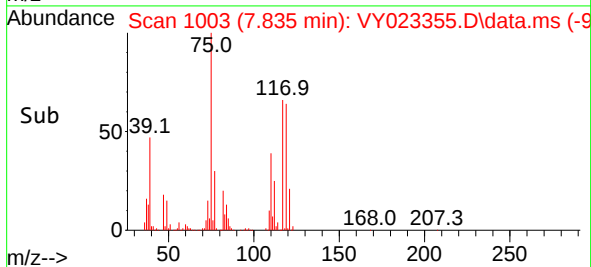
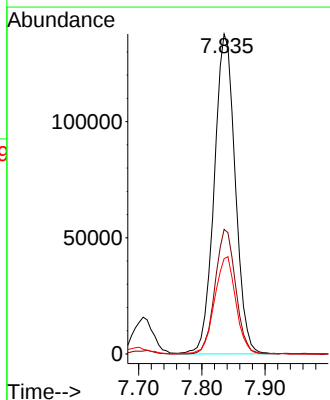
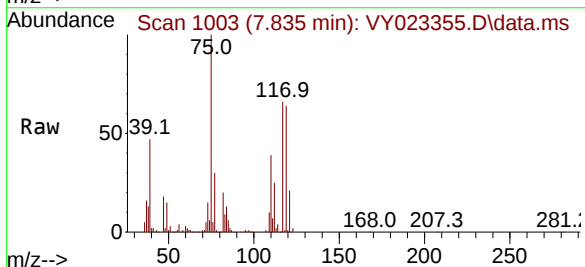
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

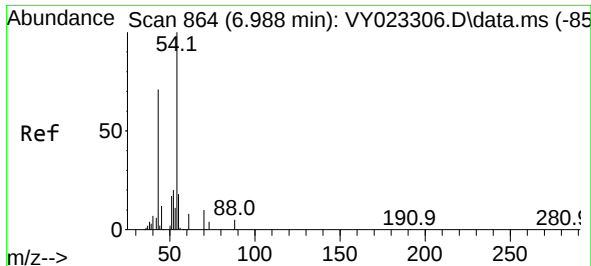
Tgt Ion:113 Resp: 228490
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 21.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 48.241 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 75 Resp: 316799
Ion Ratio Lower Upper
75 100
110 38.2 18.1 54.4
77 30.7 24.6 37.0

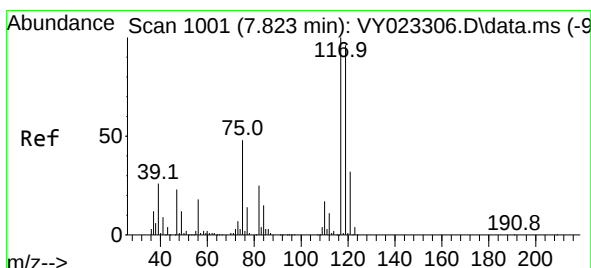
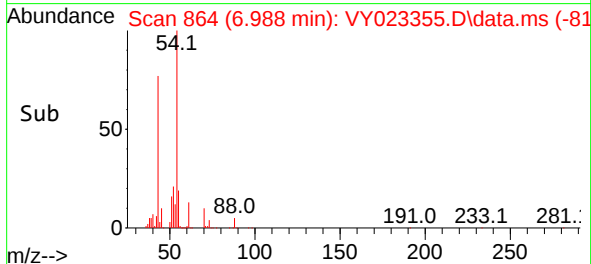
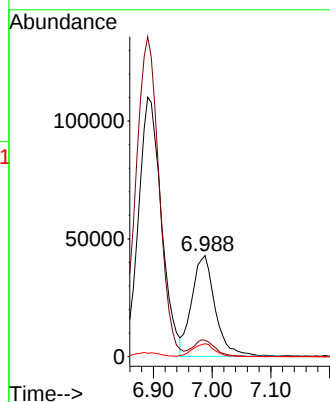
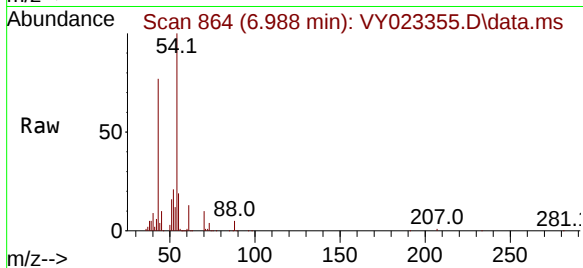




#37
Ethyl Acetate
Concen: 45.240 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

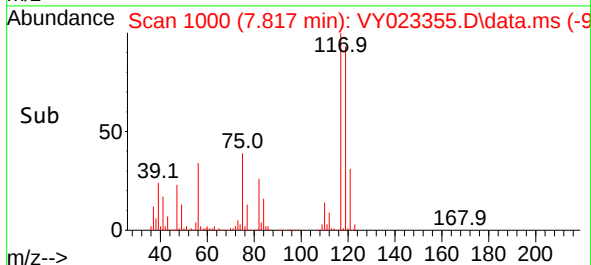
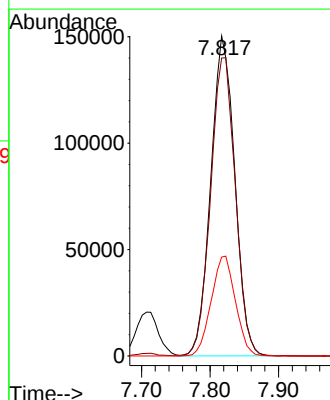
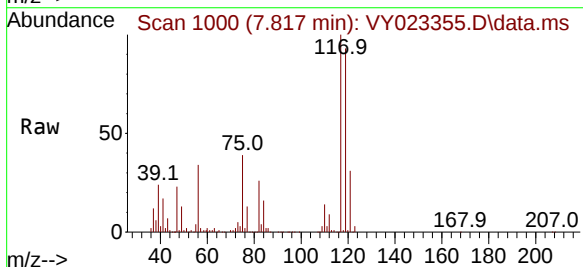
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

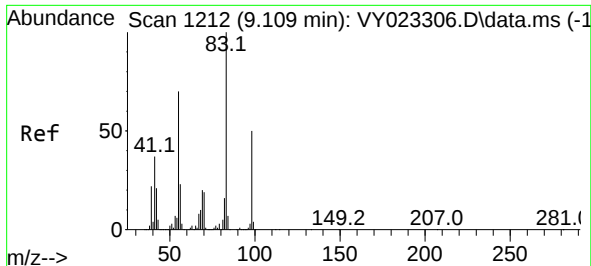
Tgt Ion: 43 Resp: 118181
Ion Ratio Lower Upper
43 100
61 16.1 11.9 17.9
70 11.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.385 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 117 Resp: 365616
Ion Ratio Lower Upper
117 100
119 93.1 75.6 113.4
121 30.9 25.8 38.8





#39

Methylcyclohexane

Concen: 48.782 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

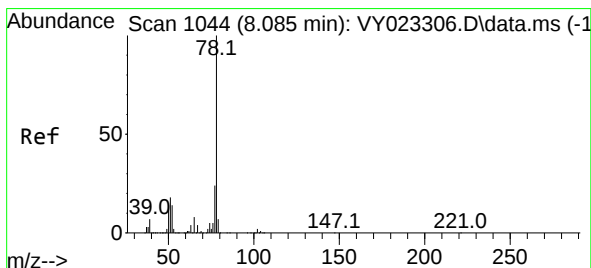
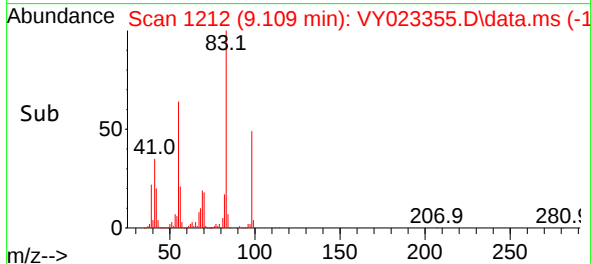
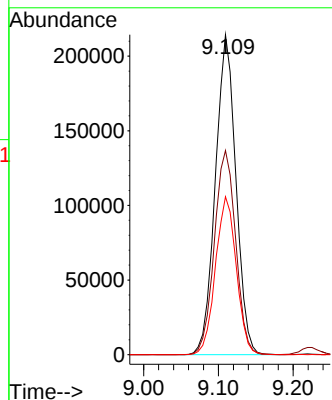
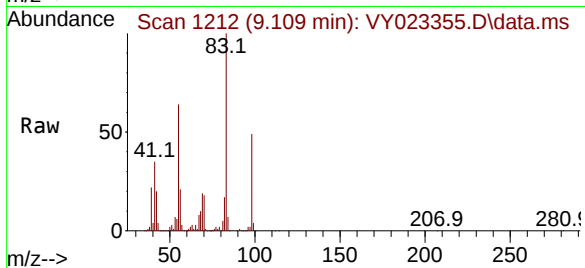
Tgt Ion: 83 Resp: 409822

Ion Ratio Lower Upper

83 100

55 63.8 57.6 86.4

98 49.4 39.2 58.8



#40

Benzene

Concen: 48.928 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023355.D

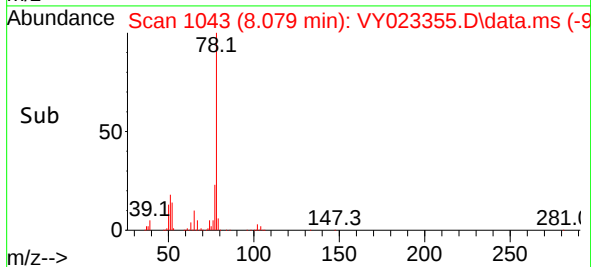
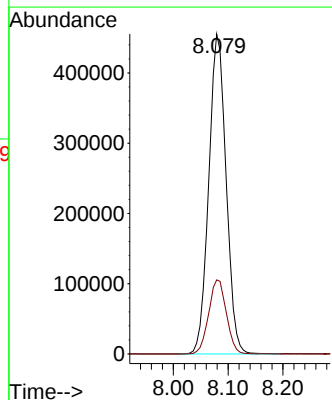
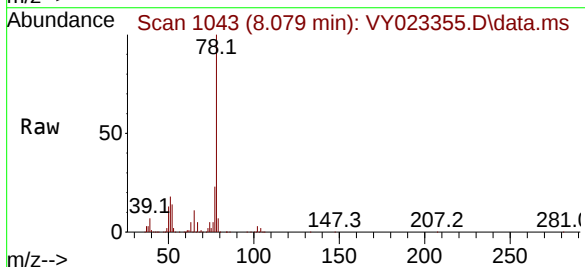
Acq: 12 Sep 2025 08:57

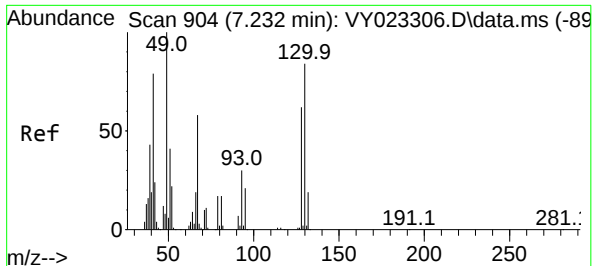
Tgt Ion: 78 Resp: 998726

Ion Ratio Lower Upper

78 100

77 23.2 18.6 28.0



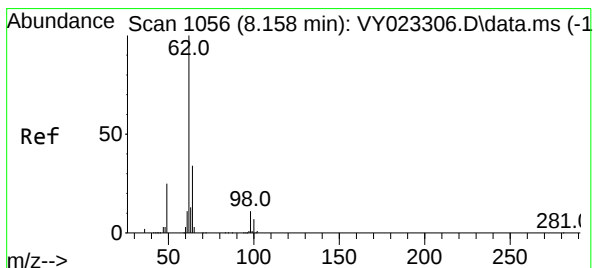
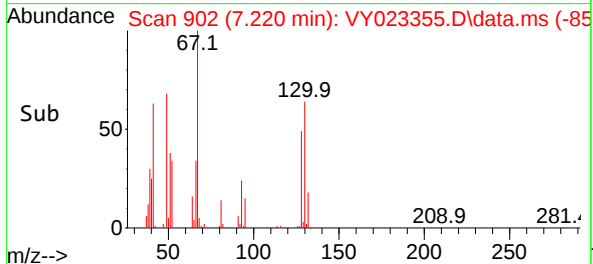
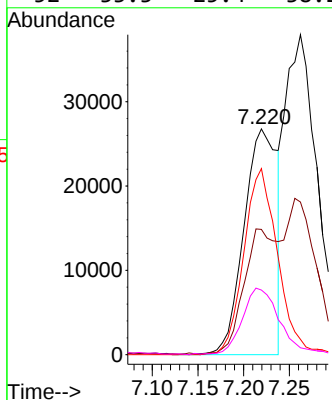
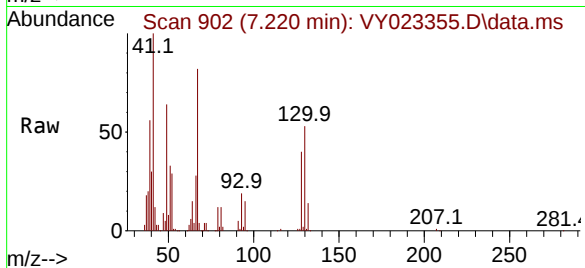


#41
Methacrylonitrile
Concen: 50.185 ug/l
RT: 7.220 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 67890

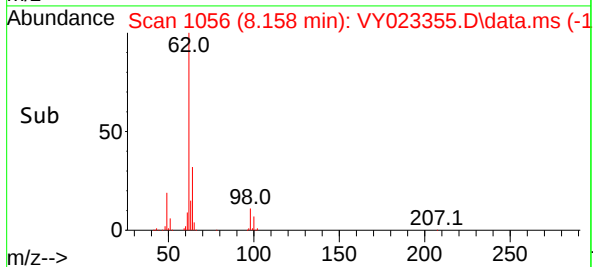
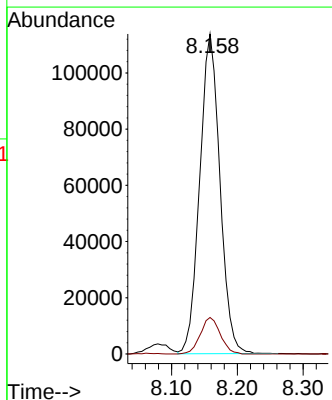
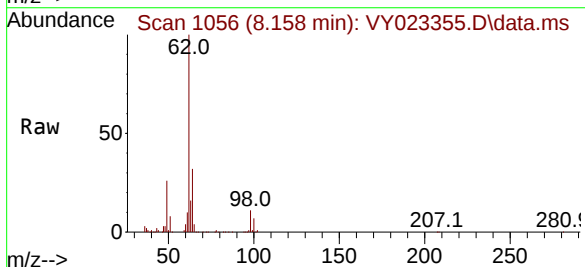
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.4	65.2
67	83.9	63.6	95.4
52	33.3	25.4	38.2

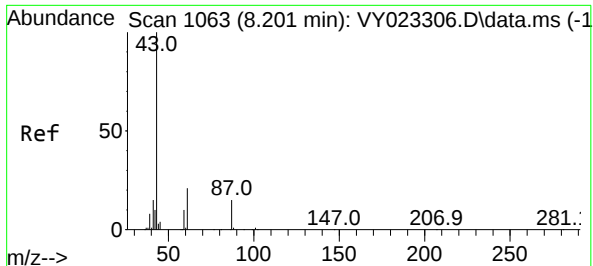


#42
1,2-Dichloroethane
Concen: 46.809 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 62 Resp: 243262

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 45.131 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

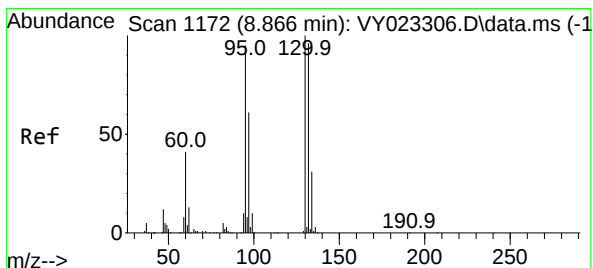
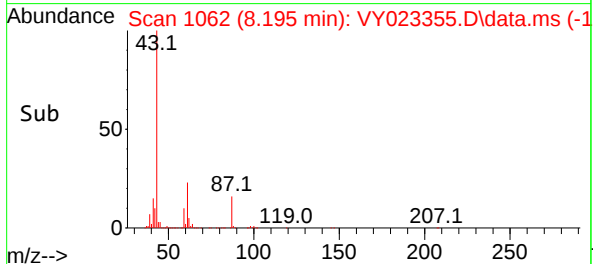
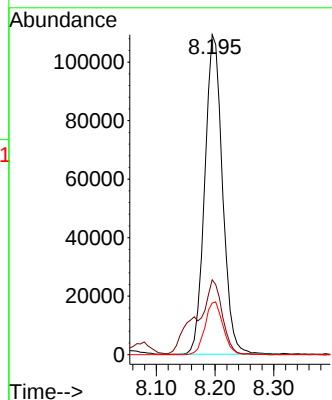
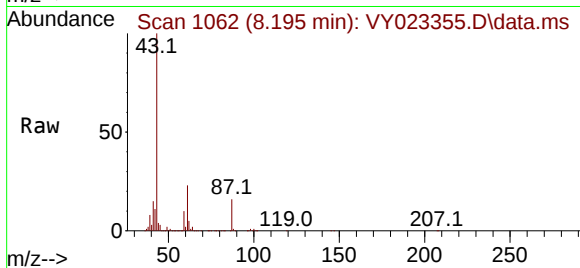
Tgt Ion: 43 Resp: 229307

Ion Ratio Lower Upper

43 100

61 34.1 16.4 24.6#

87 16.9 11.8 17.6



#44

Trichloroethene

Concen: 49.536 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY023355.D

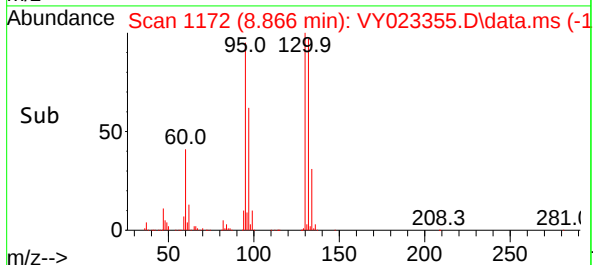
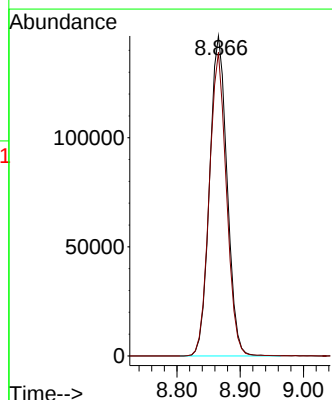
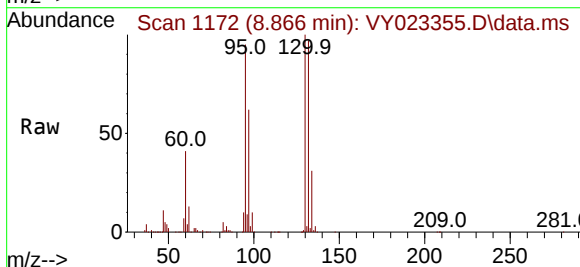
Acq: 12 Sep 2025 08:57

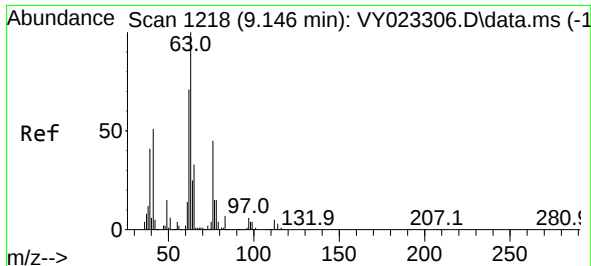
Tgt Ion:130 Resp: 281636

Ion Ratio Lower Upper

130 100

95 94.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 48.419 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

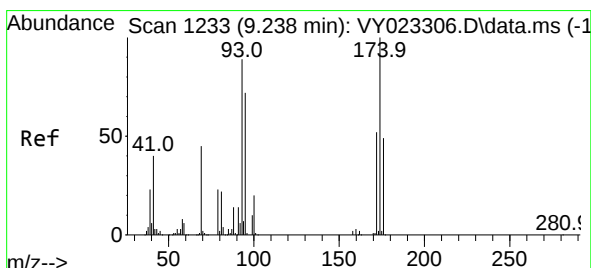
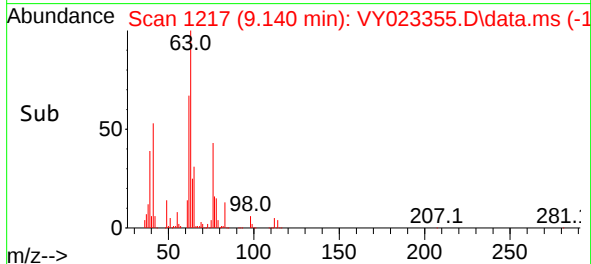
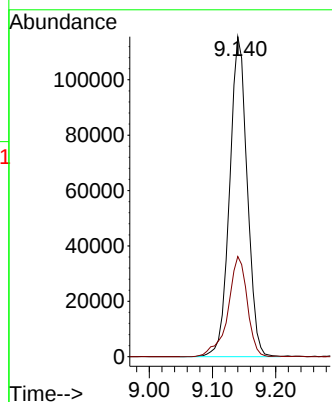
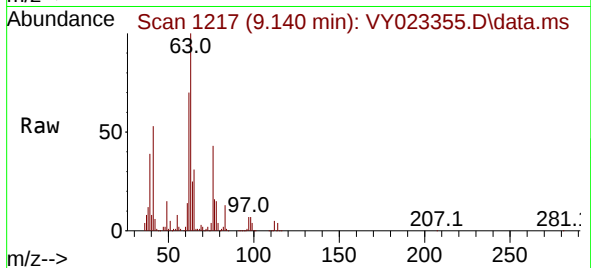
VSTDCCC050

Tgt Ion: 63 Resp: 223206

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 47.592 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

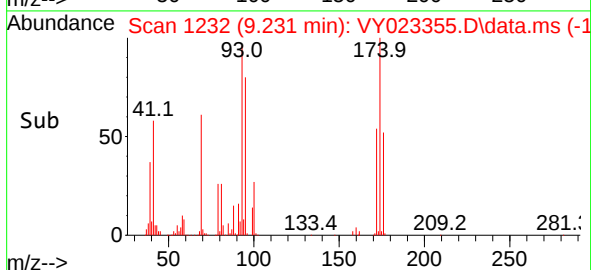
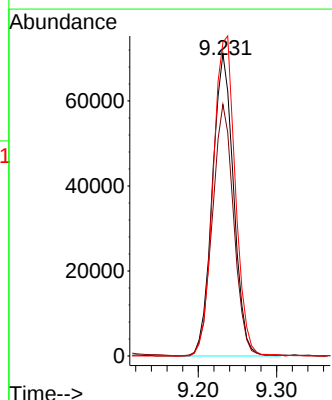
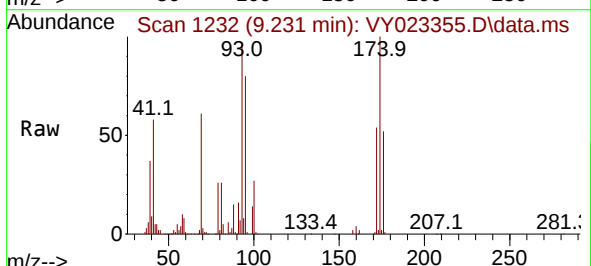
Tgt Ion: 93 Resp: 133609

Ion Ratio Lower Upper

93 100

95 84.0 66.5 99.7

174 110.3 81.8 122.8

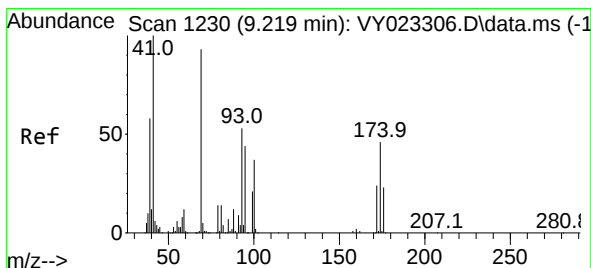
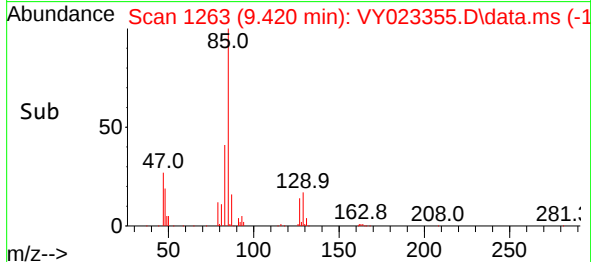
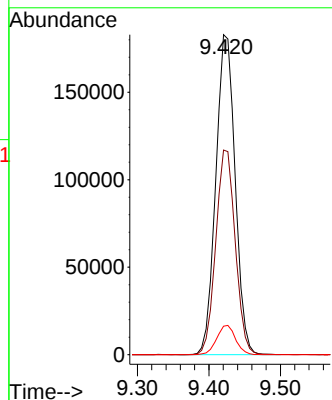
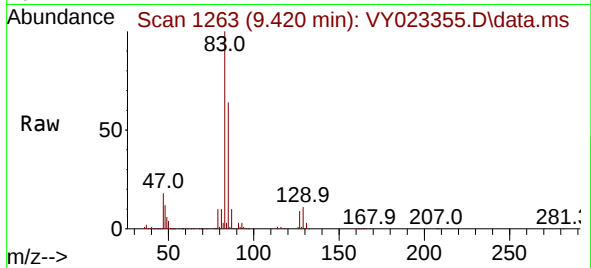




#47
Bromodichloromethane
Concen: 48.732 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

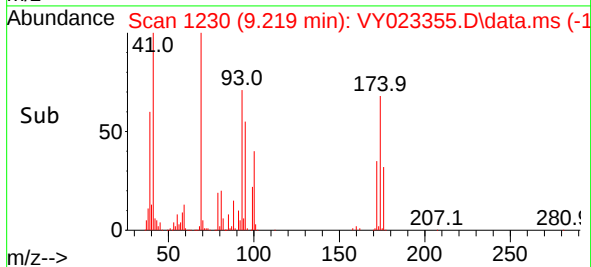
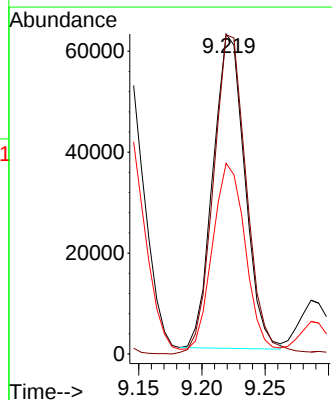
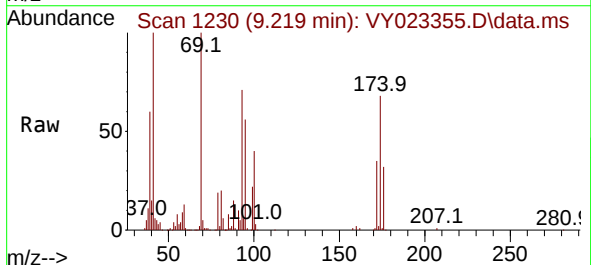
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

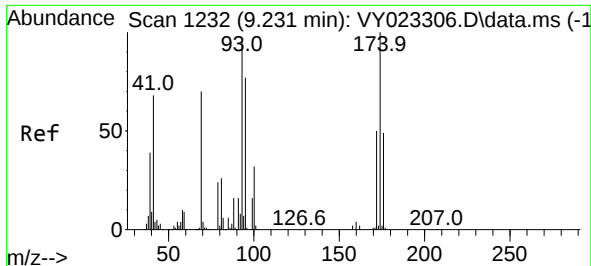
Tgt Ion: 83 Resp: 344182
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 45.999 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 41 Resp: 108938
Ion Ratio Lower Upper
41 100
69 106.1 73.2 109.8
39 60.4 47.0 70.4





#49

1,4-Dioxane

Concen: 955.645 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

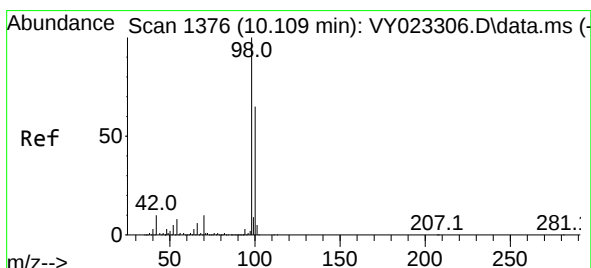
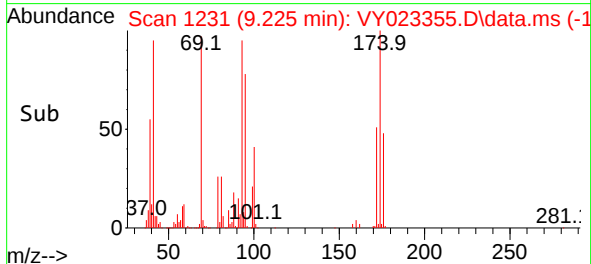
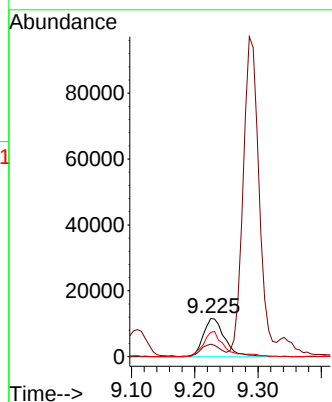
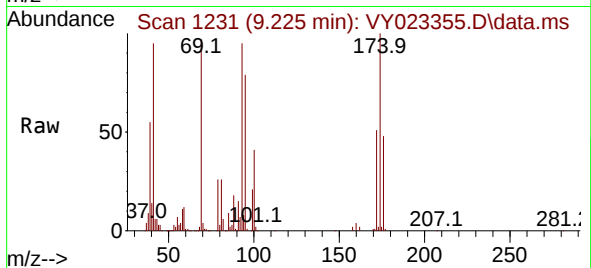
Tgt Ion: 88 Resp: 27234

Ion Ratio Lower Upper

88 100

43 29.5 24.3 36.5

58 65.0 55.4 83.0



#50

Toluene-d8

Concen: 51.032 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023355.D

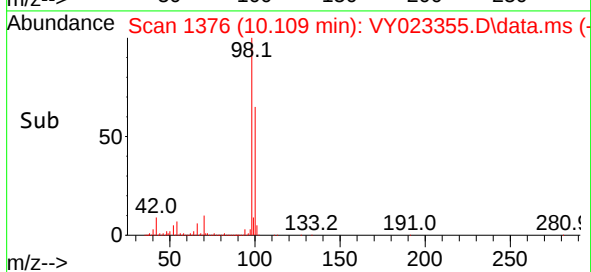
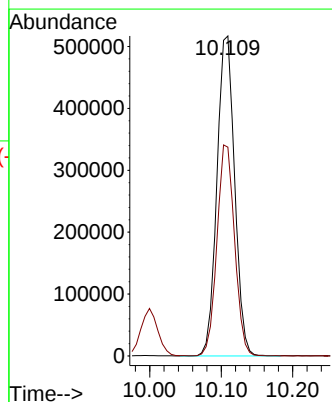
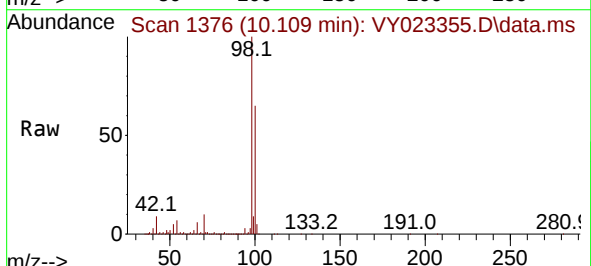
Acq: 12 Sep 2025 08:57

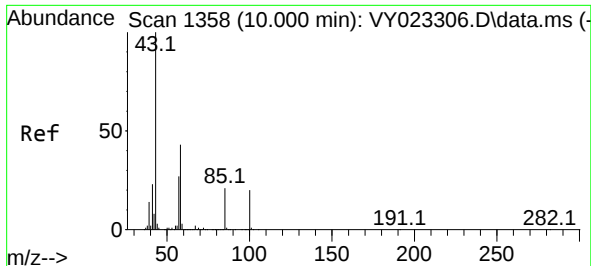
Tgt Ion: 98 Resp: 888489

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

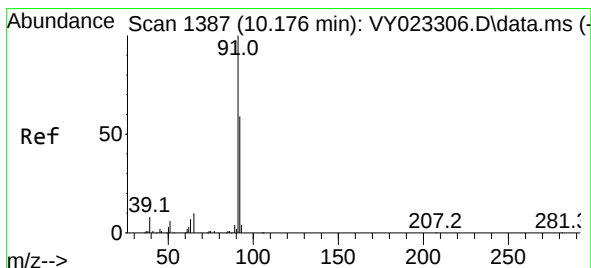
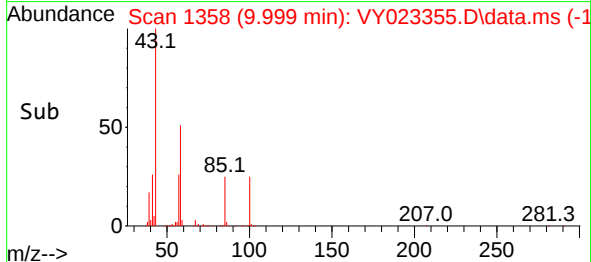
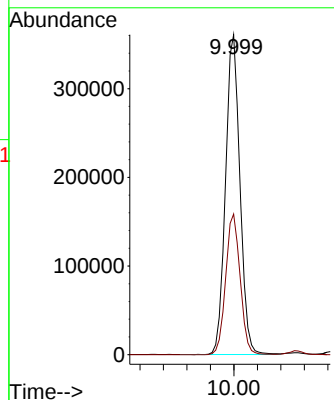
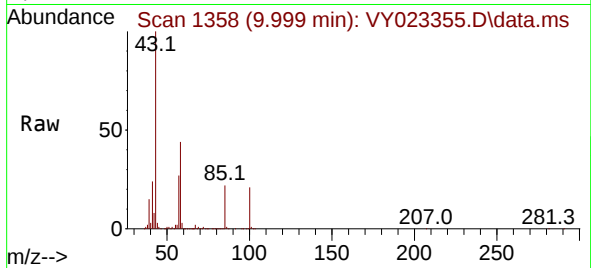




#51
4-Methyl-2-Pentanone
Concen: 236.372 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

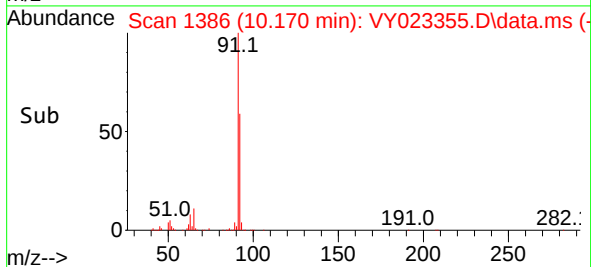
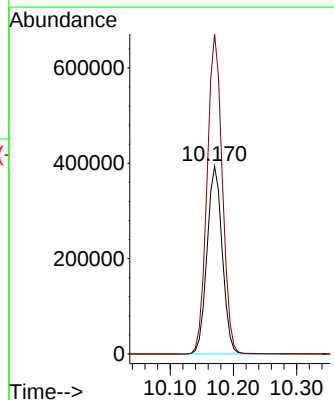
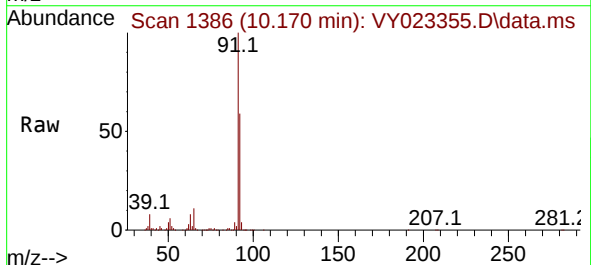
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

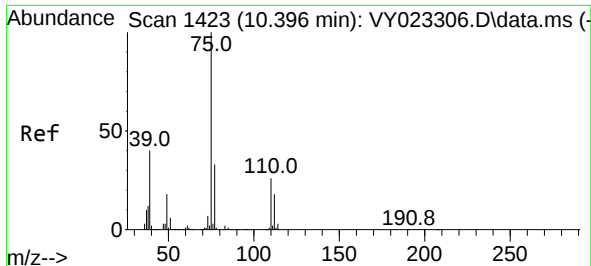
Tgt Ion: 43 Resp: 614426
Ion Ratio Lower Upper
43 100
58 44.1 33.5 50.3



#52
Toluene
Concen: 50.715 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 92 Resp: 656937
Ion Ratio Lower Upper
92 100
91 170.5 136.4 204.6

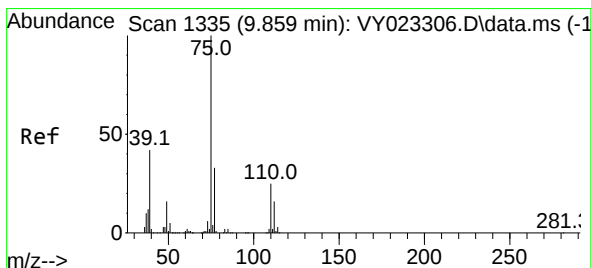
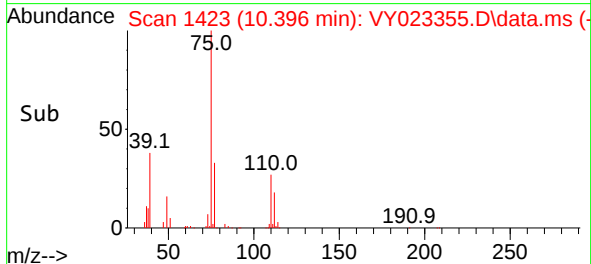
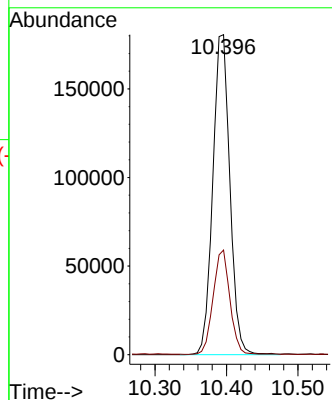
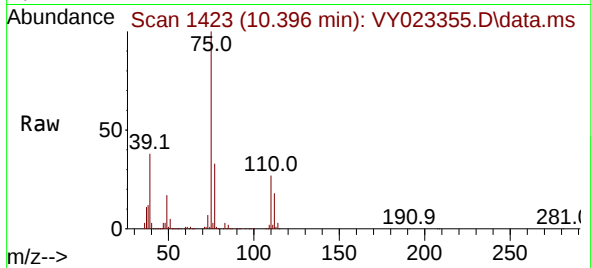




#53
t-1,3-Dichloropropene
Concen: 49.261 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

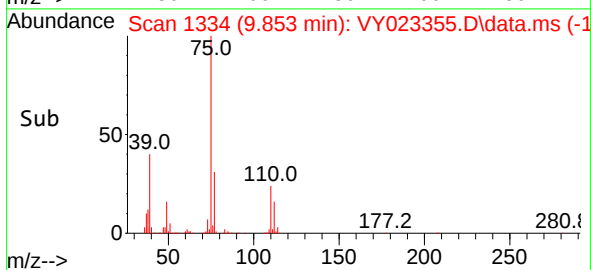
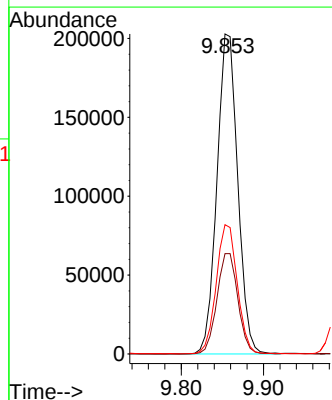
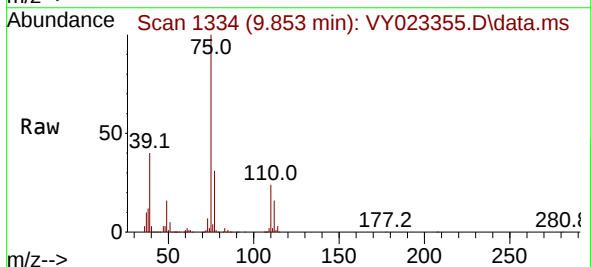
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

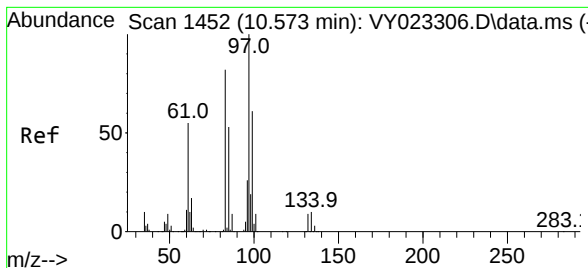
Tgt Ion: 75 Resp: 299546
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 49.052 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 75 Resp: 356407
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 40.3 35.6 53.4

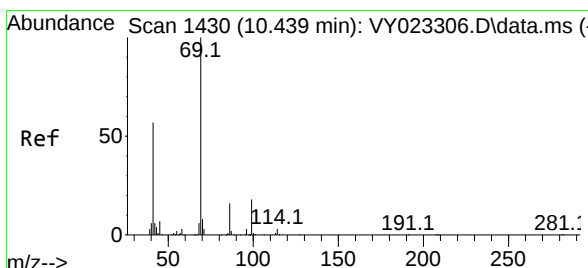
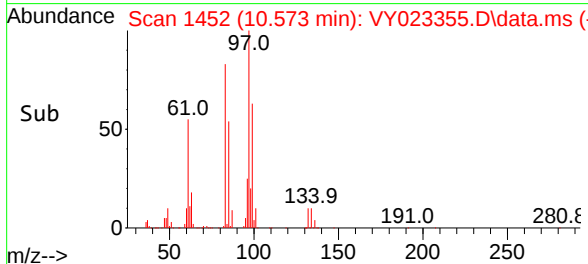
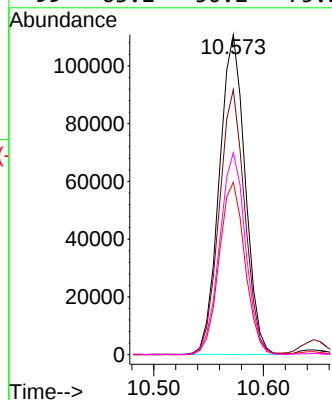
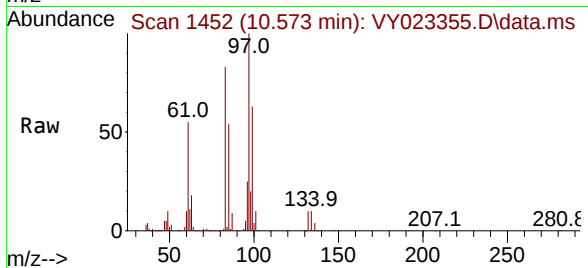




#55
1,1,2-Trichloroethane
Concen: 48.494 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

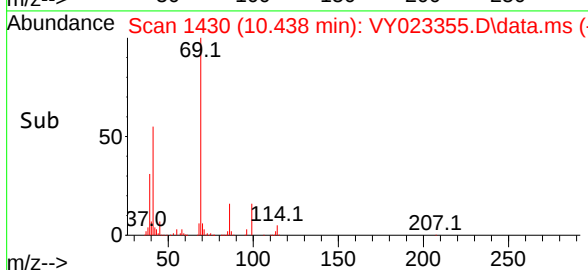
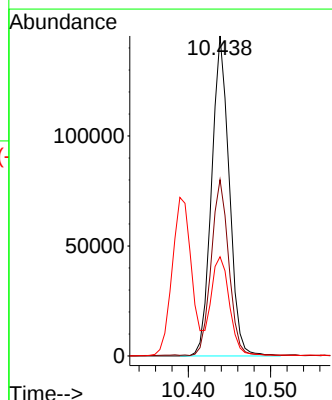
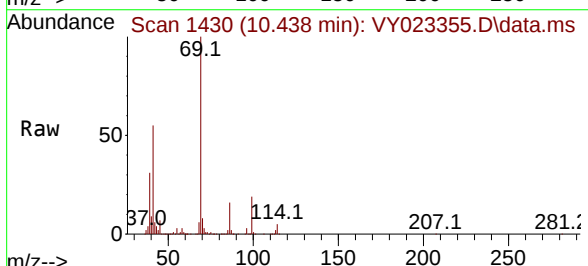
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

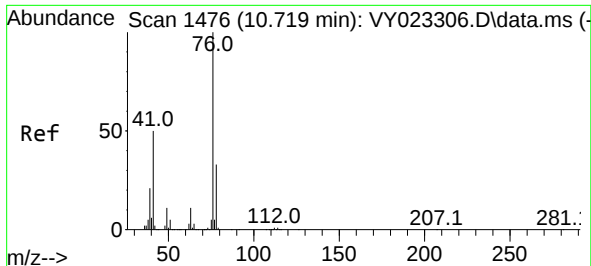
Tgt Ion:	97	Resp:	181099
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.7	101.5
85	54.0	44.5	66.7
99	63.2	50.2	75.2



#56
Ethyl methacrylate
Concen: 50.086 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion:	69	Resp:	216700
Ion	Ratio	Lower	Upper
69	100		
41	54.6	48.6	72.8
39	33.5	27.0	40.4





#57

1,3-Dichloropropane

Concen: 47.955 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

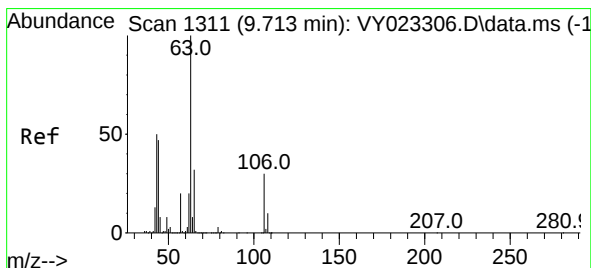
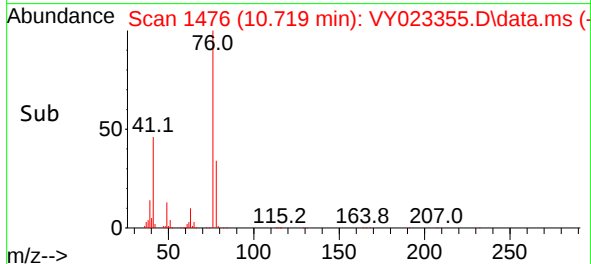
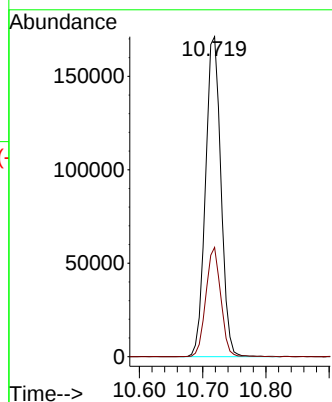
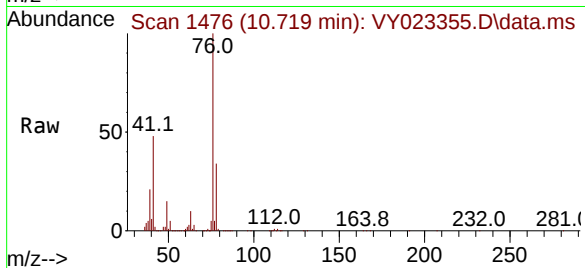
VSTDCCC050

Tgt Ion: 76 Resp: 290734

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 256.492 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023355.D

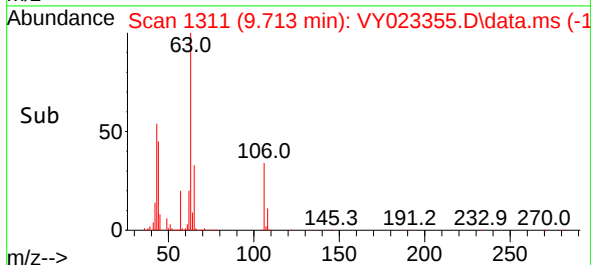
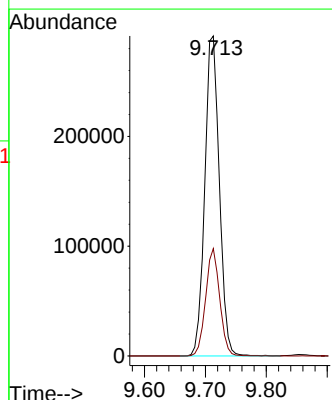
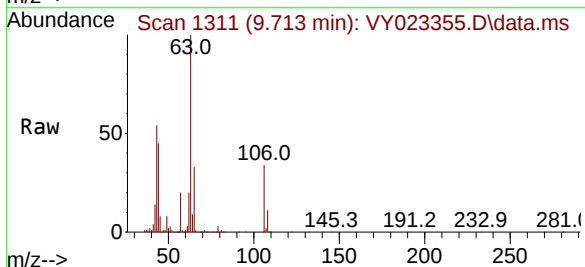
Acq: 12 Sep 2025 08:57

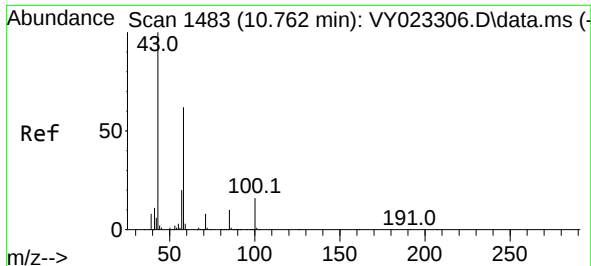
Tgt Ion: 63 Resp: 483667

Ion Ratio Lower Upper

63 100

106 32.4 23.2 34.8





#59

2-Hexanone

Concen: 249.751 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

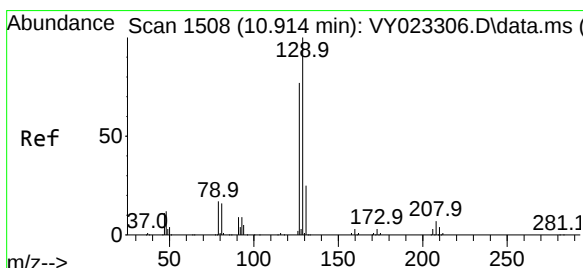
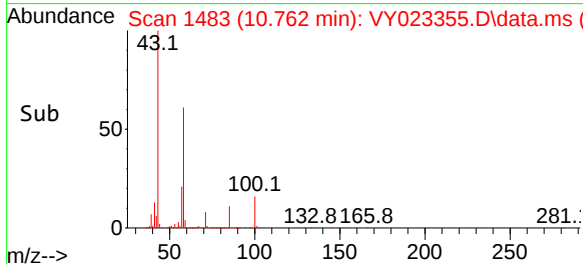
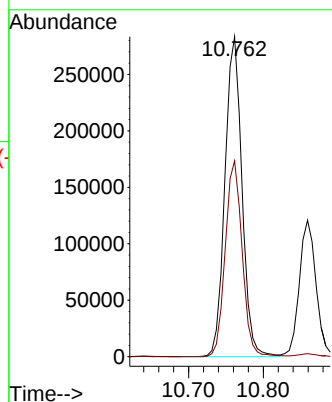
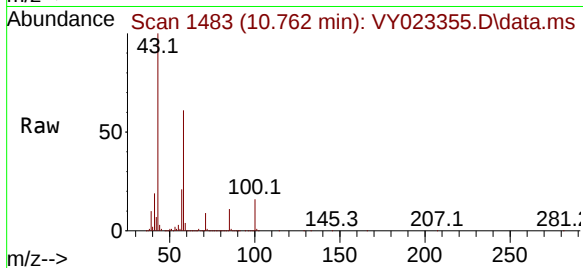
VSTDCCC050

Tgt Ion: 43 Resp: 448796

Ion Ratio Lower Upper

43 100

58 60.7 29.5 88.5



#60

Dibromochloromethane

Concen: 49.380 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY023355.D

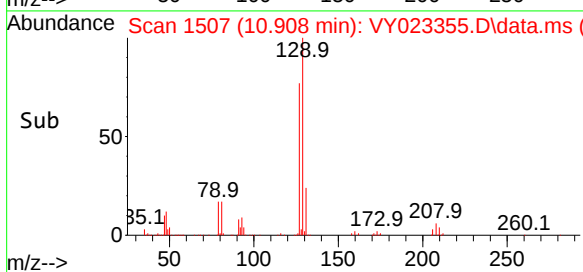
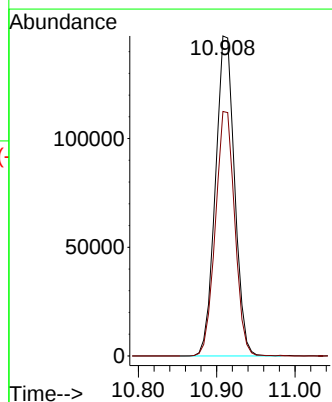
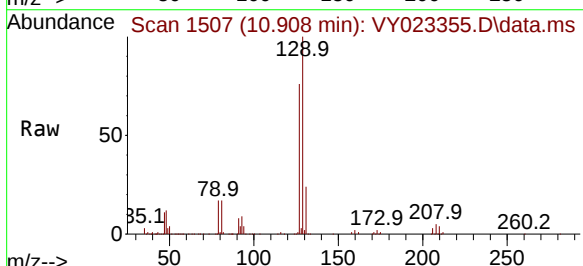
Acq: 12 Sep 2025 08:57

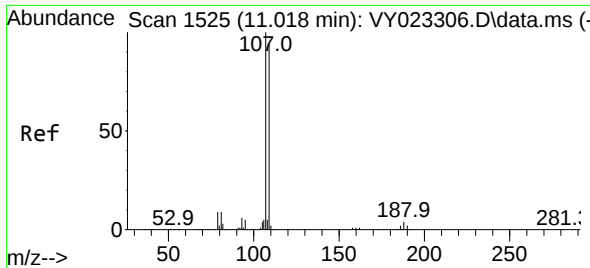
Tgt Ion: 129 Resp: 250206

Ion Ratio Lower Upper

129 100

127 77.1 38.5 115.5

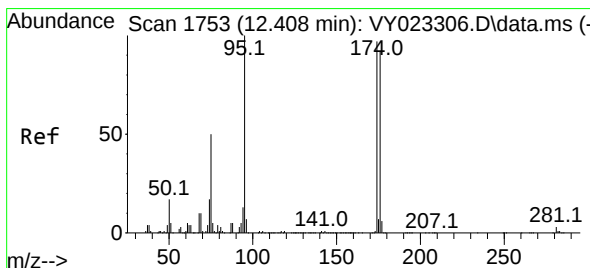
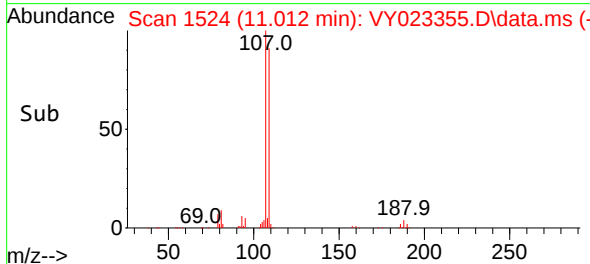
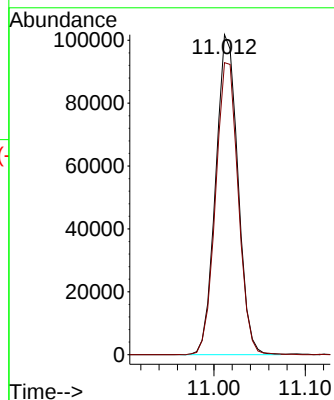
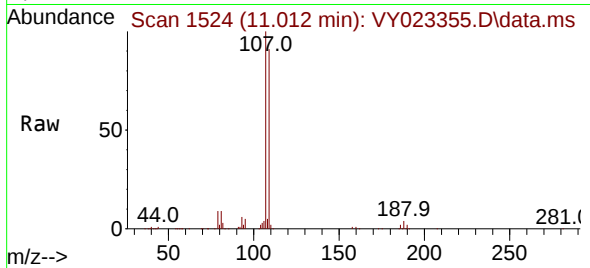




#61
1,2-Dibromoethane
Concen: 49.115 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

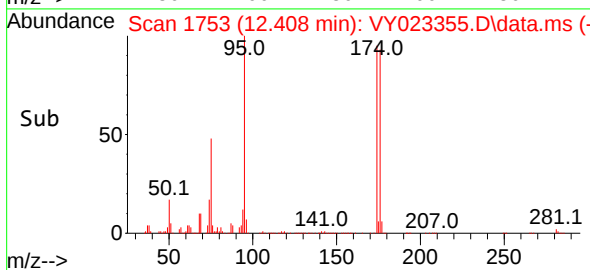
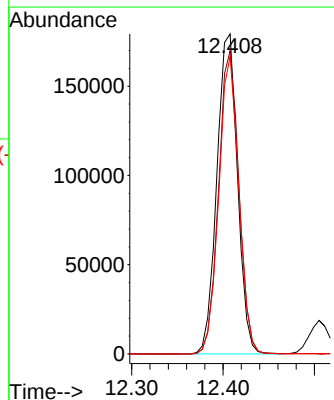
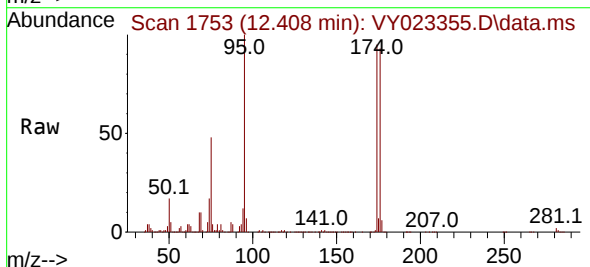
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

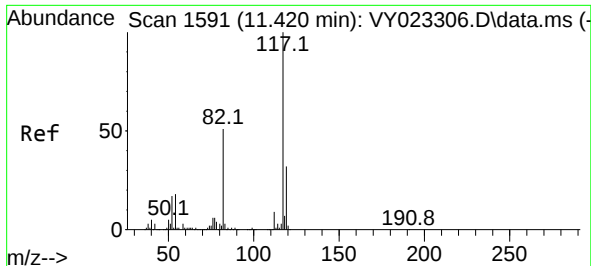
Tgt Ion:107 Resp: 171872
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.470 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 95 Resp: 282005
Ion Ratio Lower Upper
95 100
174 93.3 0.0 171.6
176 90.0 0.0 167.6

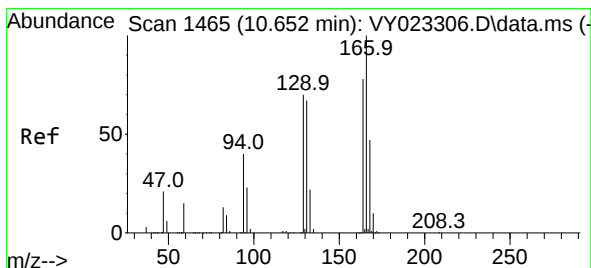
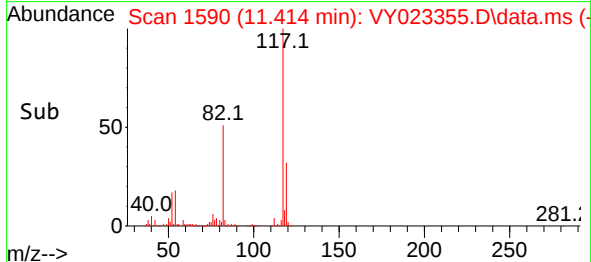
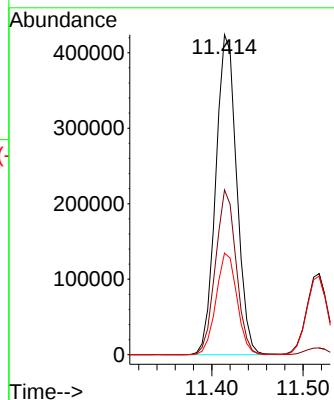
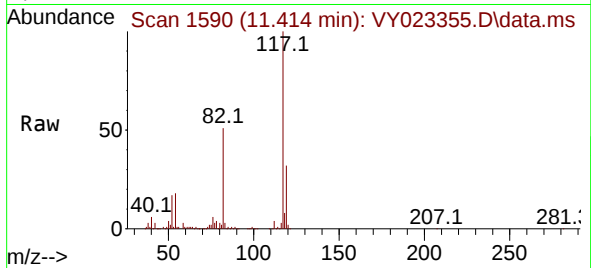




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

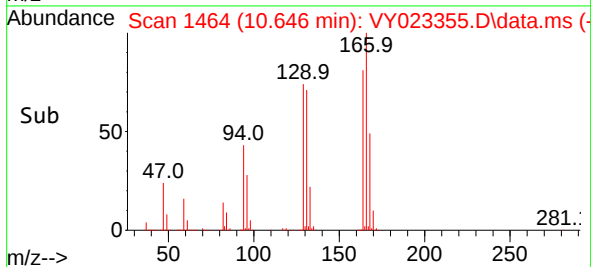
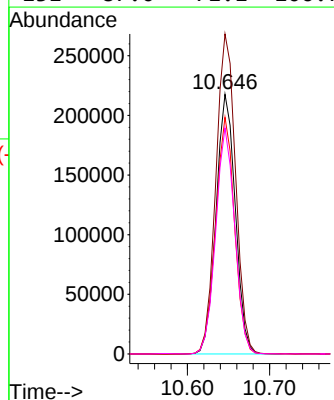
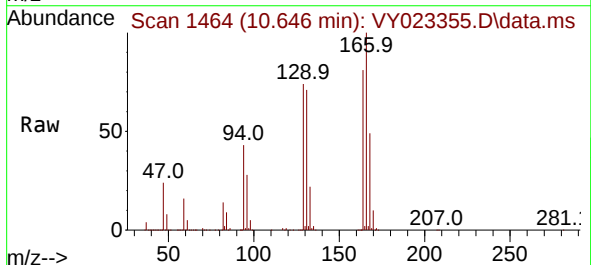
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

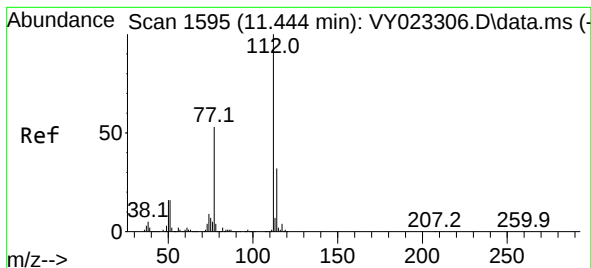
Tgt Ion:117 Resp: 675005
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 52.729 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion:164 Resp: 354737
Ion Ratio Lower Upper
164 100
166 123.2 101.1 151.7
129 91.2 74.0 111.0
131 87.0 71.1 106.7





#65

Chlorobenzene

Concen: 48.656 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

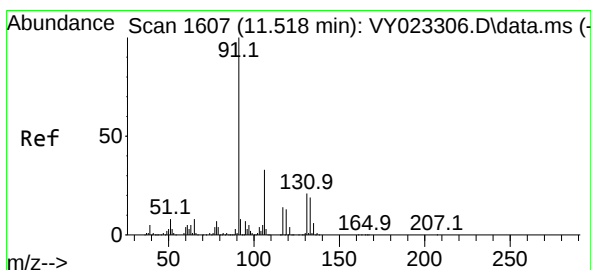
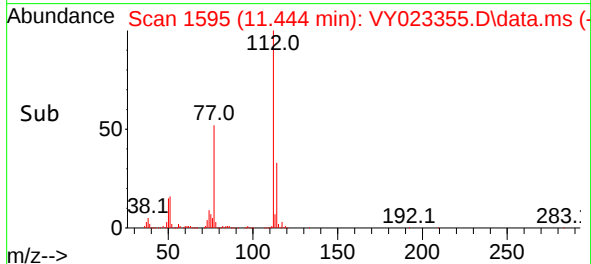
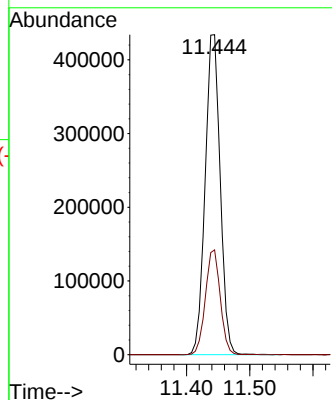
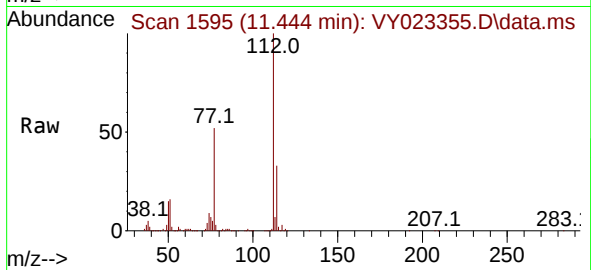
VSTDCCC050

Tgt Ion:112 Resp: 719508

Ion Ratio Lower Upper

112 100

114 32.7 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 48.935 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

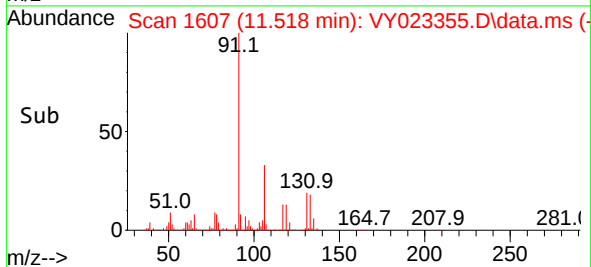
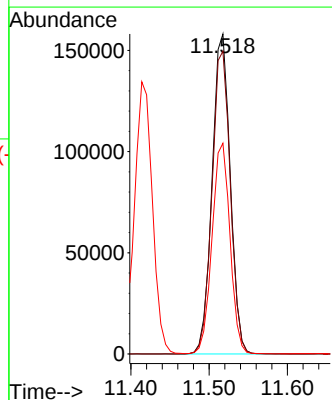
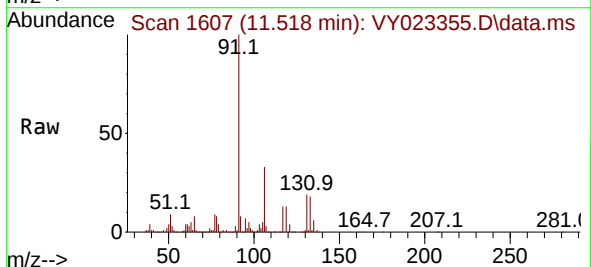
Tgt Ion:131 Resp: 253995

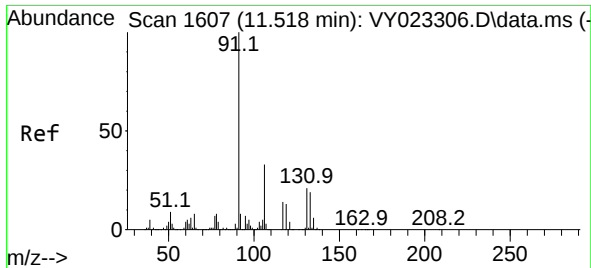
Ion Ratio Lower Upper

131 100

133 95.7 46.9 140.6

119 65.5 33.2 99.6

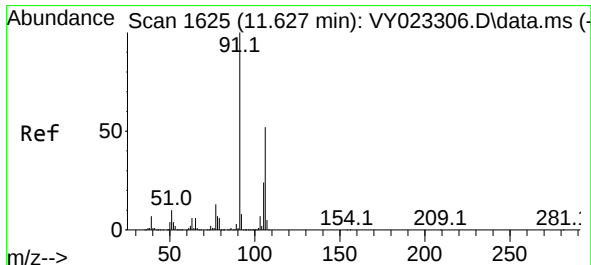
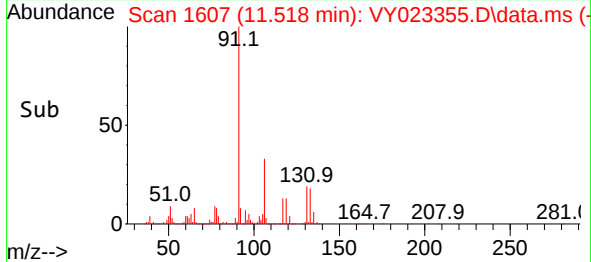
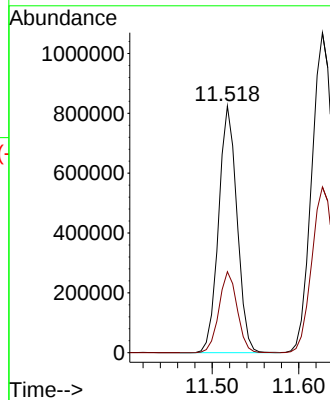
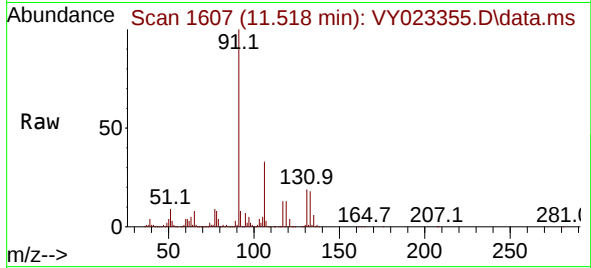




#67
Ethyl Benzene
Concen: 50.338 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

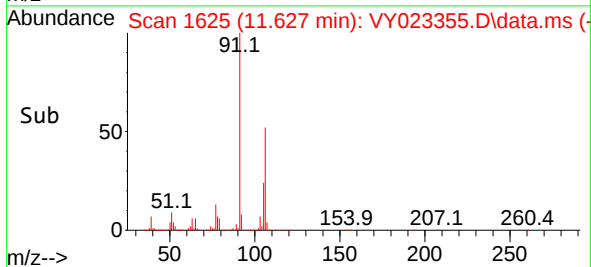
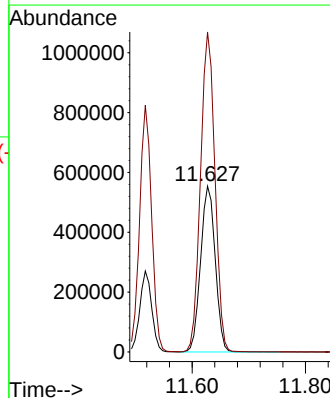
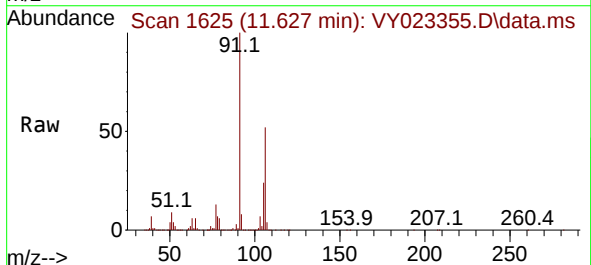
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

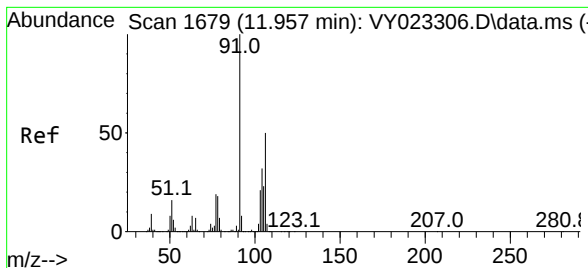
Tgt Ion: 91 Resp: 1216089
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.4



#68
m/p-Xylenes
Concen: 102.532 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion:106 Resp: 991860
Ion Ratio Lower Upper
106 100
91 190.1 158.6 238.0

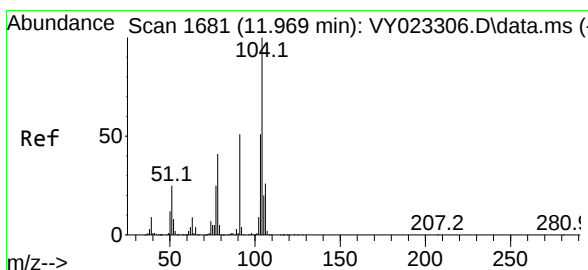
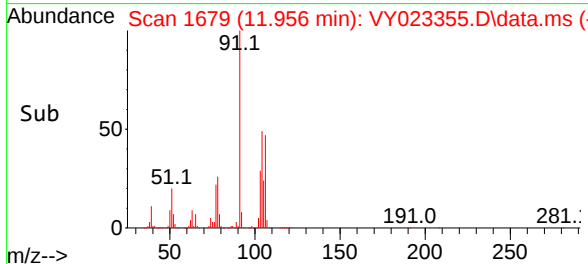
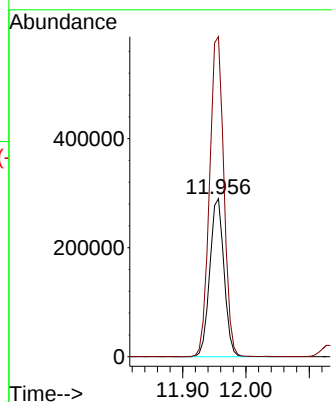
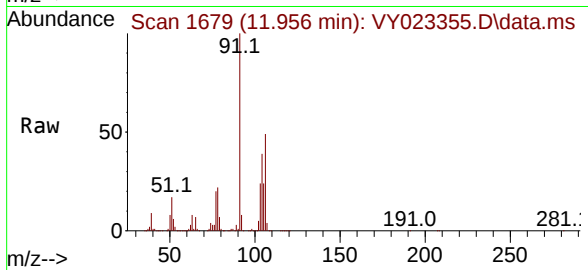




#69
o-Xylene
Concen: 50.609 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

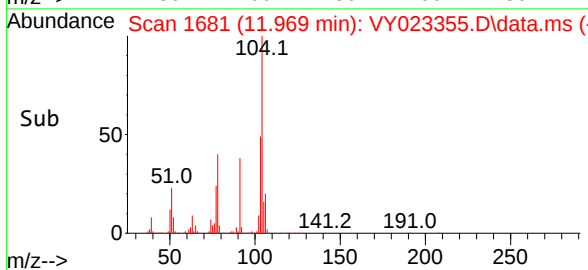
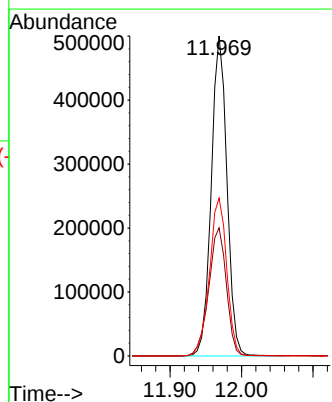
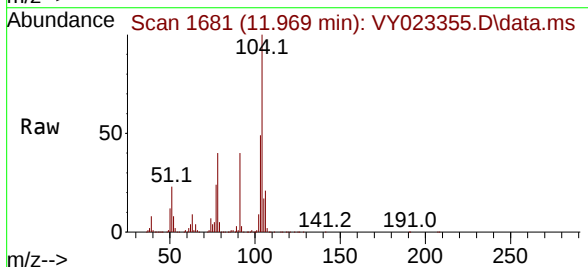
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

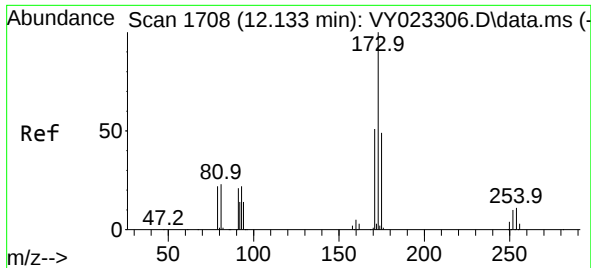
Tgt Ion:106 Resp: 453209
Ion Ratio Lower Upper
106 100
91 204.4 103.2 309.4



#70
Styrene
Concen: 51.418 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion:104 Resp: 763126
Ion Ratio Lower Upper
104 100
78 44.9 38.5 57.7
103 54.4 43.7 65.5

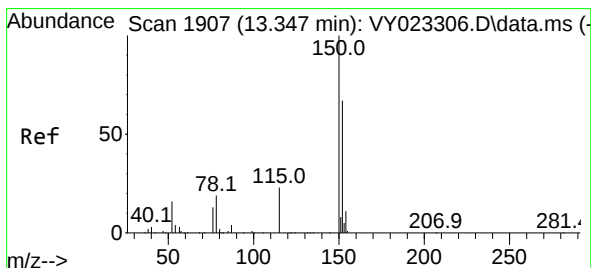
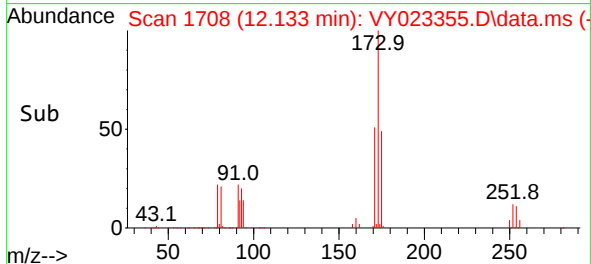
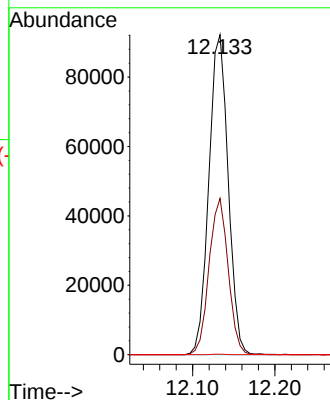
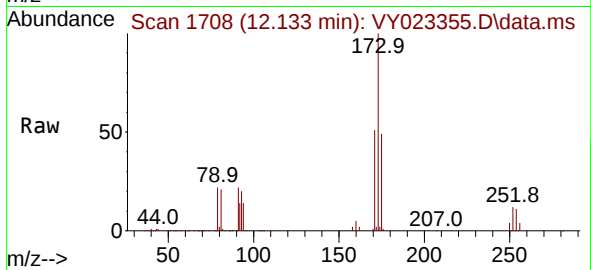




#71
Bromoform
Concen: 48.578 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

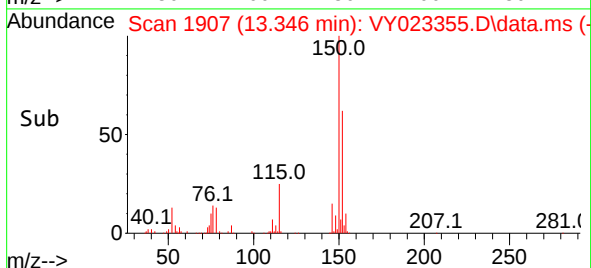
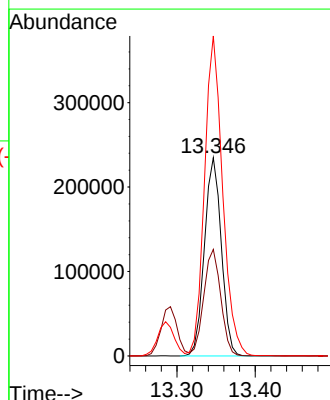
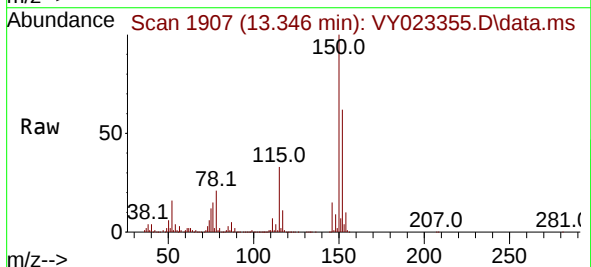
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

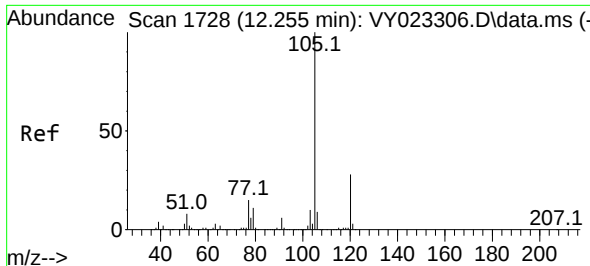
Tgt Ion:173 Resp: 150154
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion:152 Resp: 351902
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.6
150 173.0 0.0 348.0

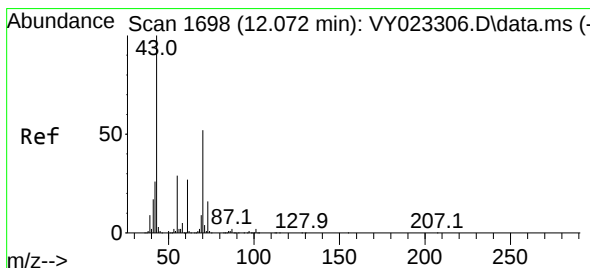
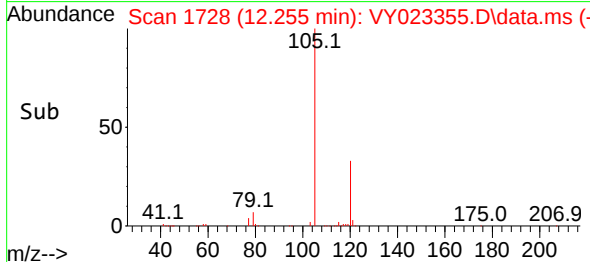
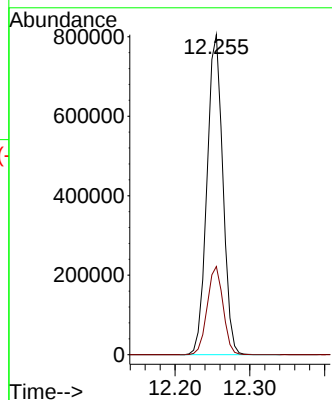
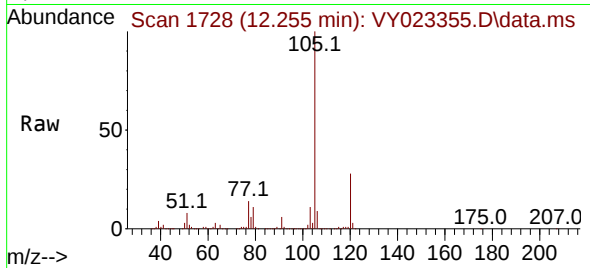




#73
Isopropylbenzene
Concen: 50.002 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

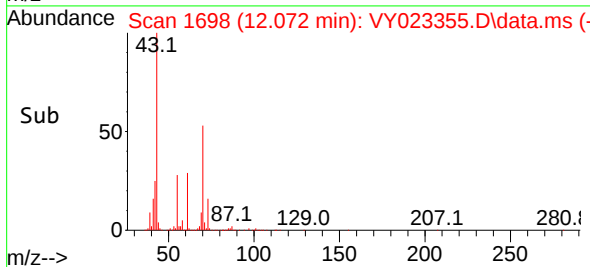
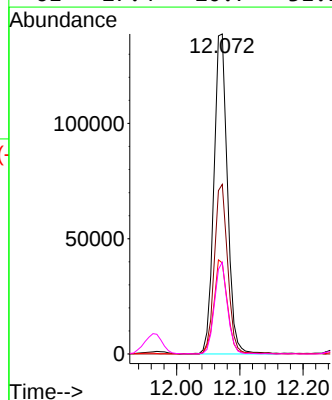
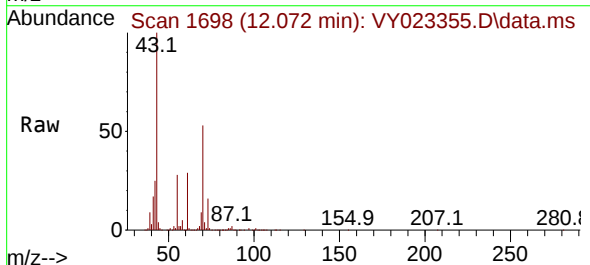
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

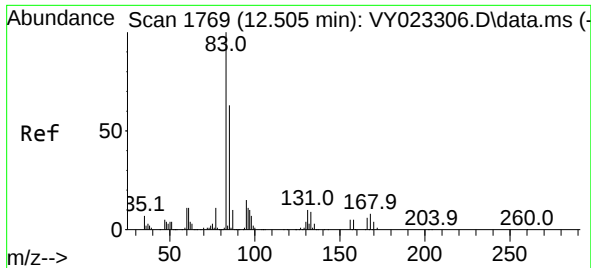
Tgt Ion:105 Resp: 1185246
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 46.170 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 43 Resp: 206868
Ion Ratio Lower Upper
43 100
70 51.9 37.5 56.3
55 29.4 20.7 31.1
61 27.4 20.7 31.1

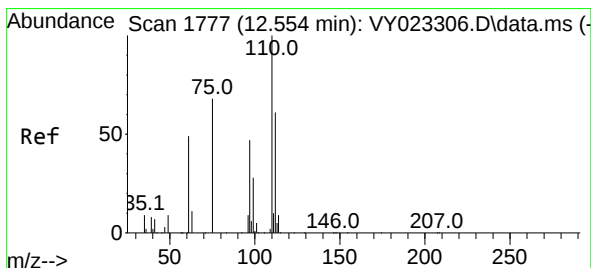
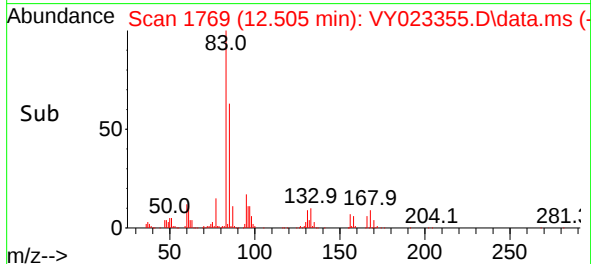
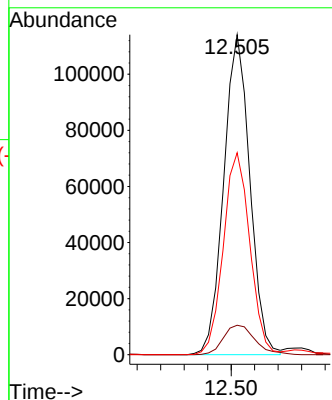
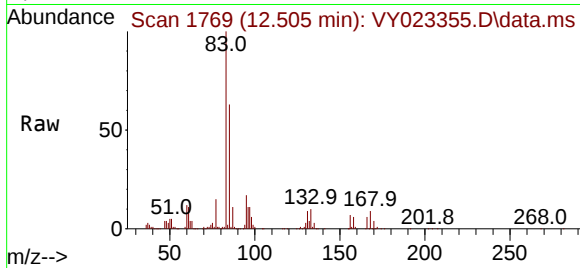




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.252 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

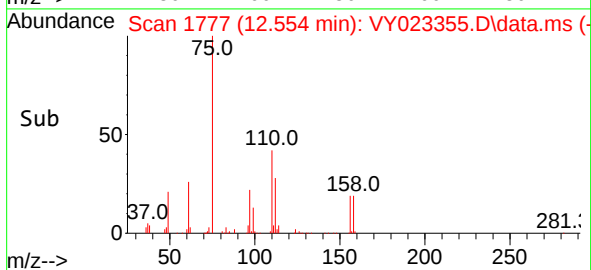
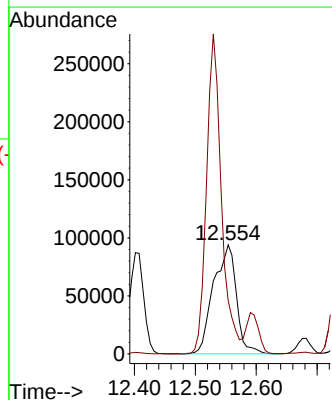
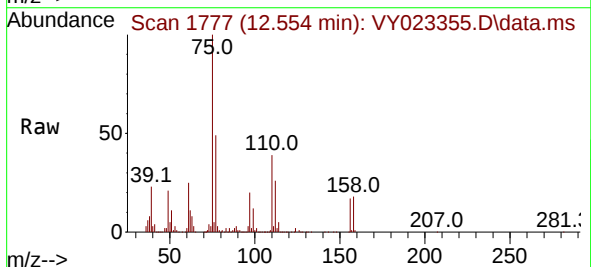
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

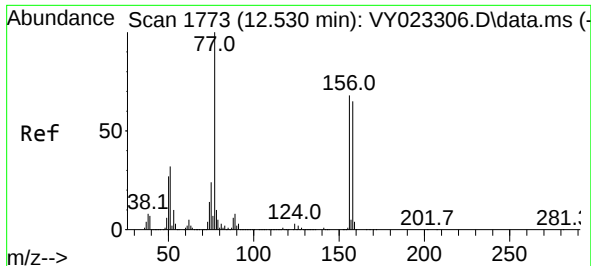
Tgt Ion: 83 Resp: 176047
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.1 15.3
 85 64.1 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 68.838 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

Tgt Ion: 75 Resp: 245317
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

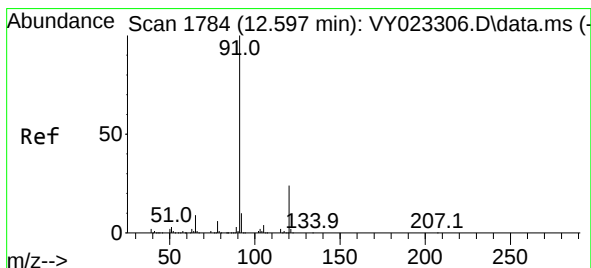
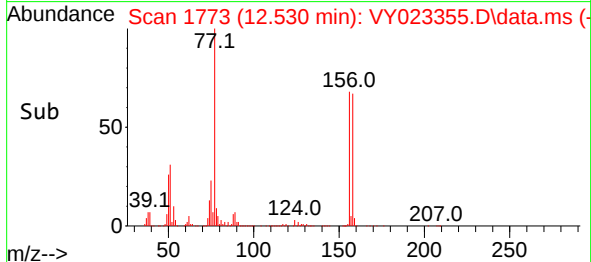
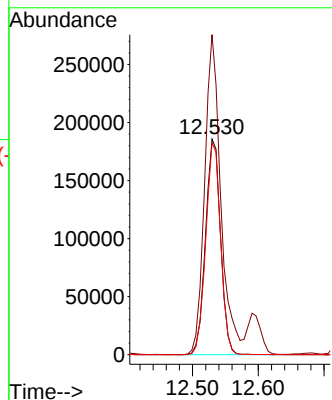
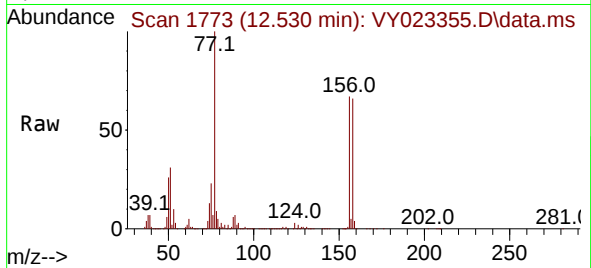




#77
Bromobenzene
Concen: 48.733 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

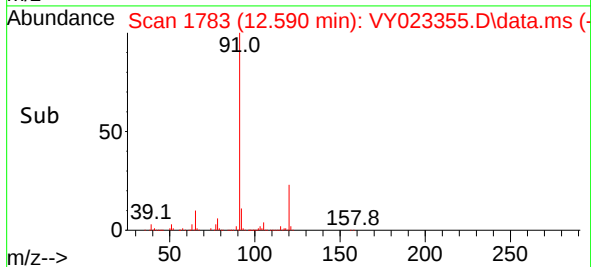
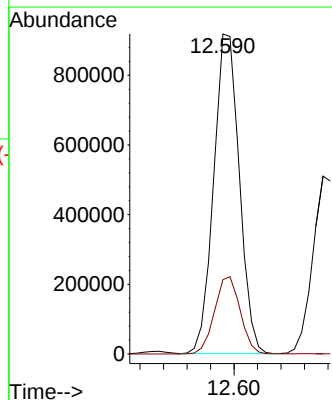
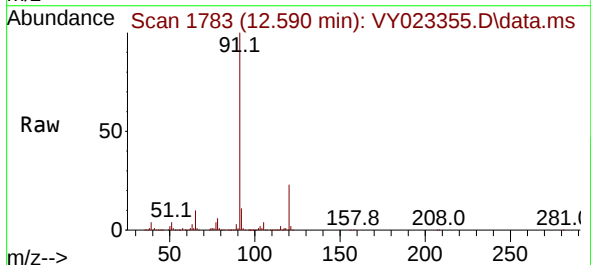
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

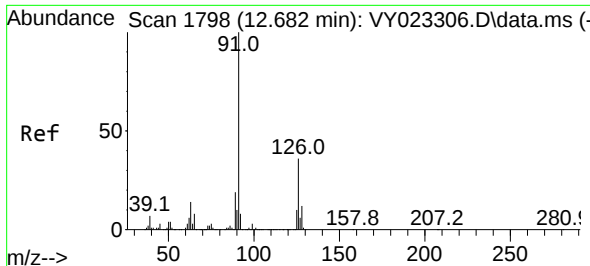
Tgt Ion:156 Resp: 295123
Ion Ratio Lower Upper
156 100
77 158.4 88.1 264.4
158 96.9 48.0 144.0



#78
n-propylbenzene
Concen: 49.784 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 91 Resp: 1390886
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 48.971 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

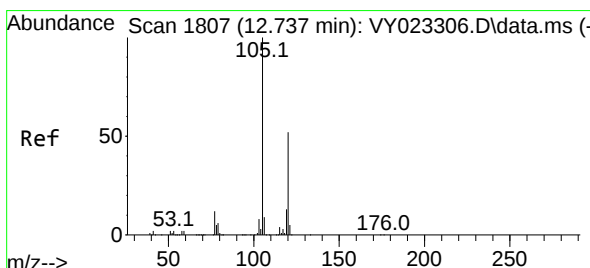
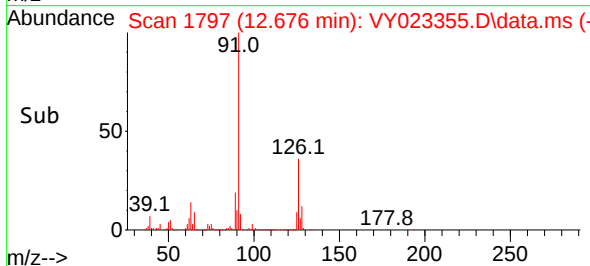
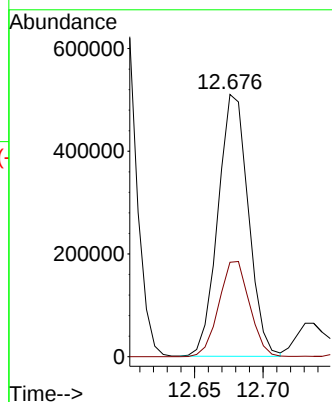
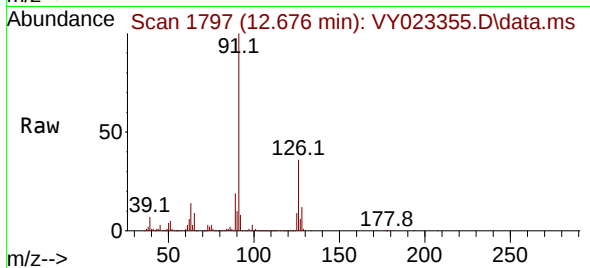
VSTDCCC050

Tgt Ion: 91 Resp: 788026

Ion Ratio Lower Upper

91 100

126 36.8 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 50.099 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023355.D

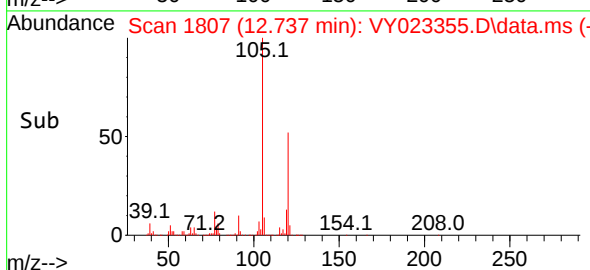
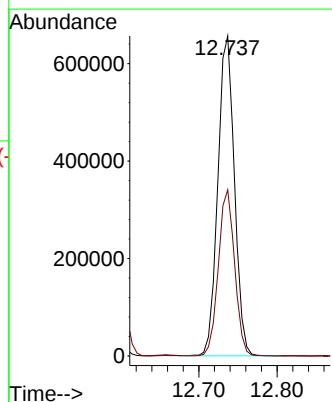
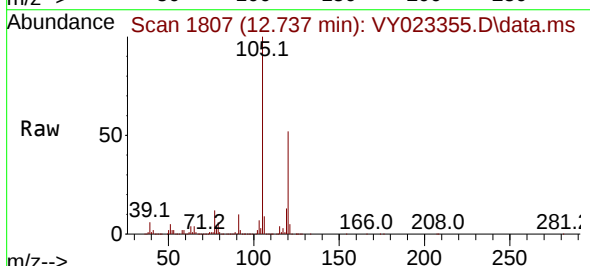
Acq: 12 Sep 2025 08:57

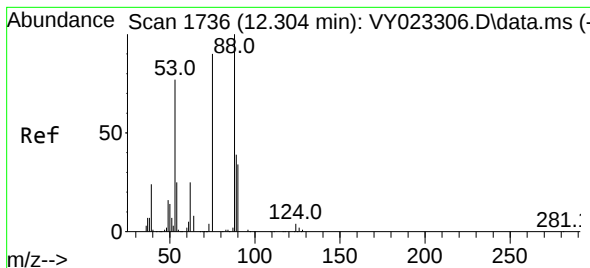
Tgt Ion:105 Resp: 965867

Ion Ratio Lower Upper

105 100

120 50.9 24.8 74.4

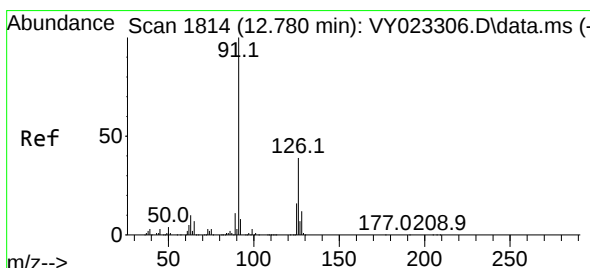
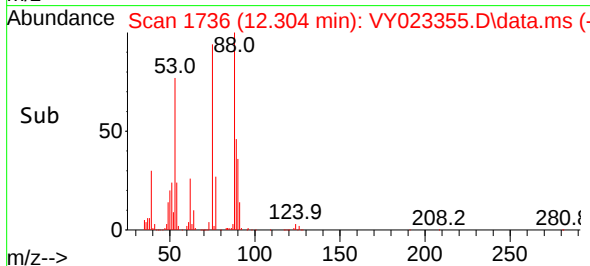
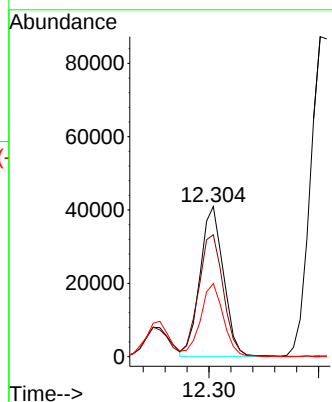
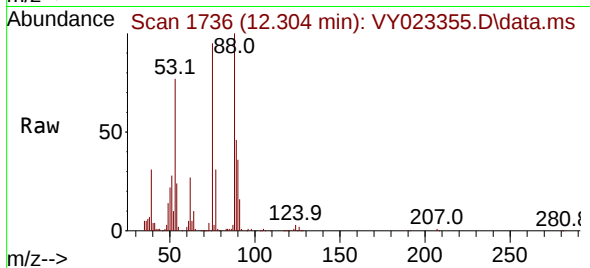




#81
trans-1,4-Dichloro-2-butene
Concen: 46.448 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

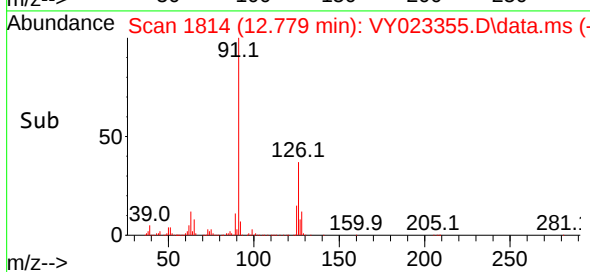
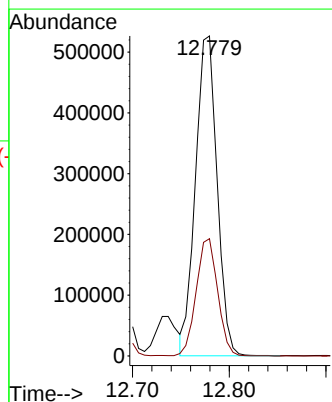
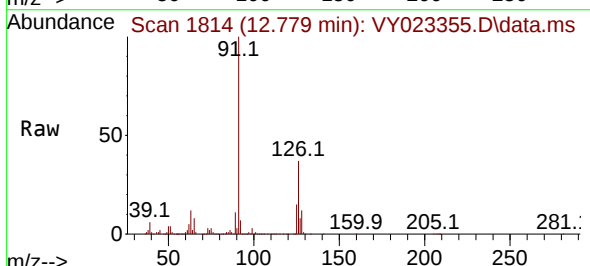
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

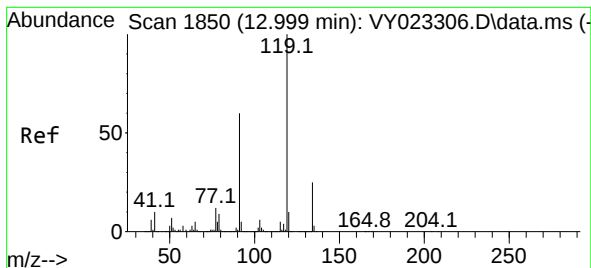
Tgt Ion: 75 Resp: 60697
Ion Ratio Lower Upper
75 100
53 86.0 70.8 106.2
89 47.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 48.540 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 91 Resp: 817292
Ion Ratio Lower Upper
91 100
126 36.5 17.3 52.0





#83

tert-Butylbenzene

Concen: 50.047 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

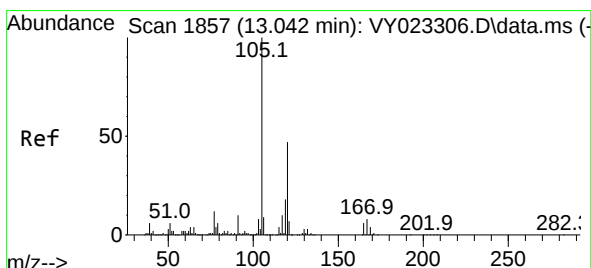
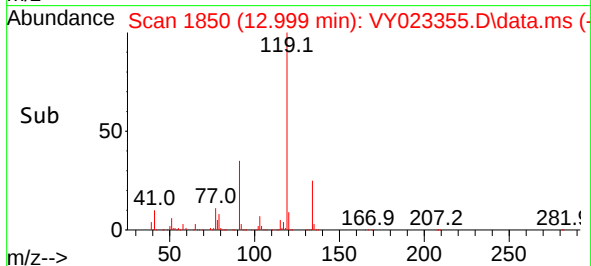
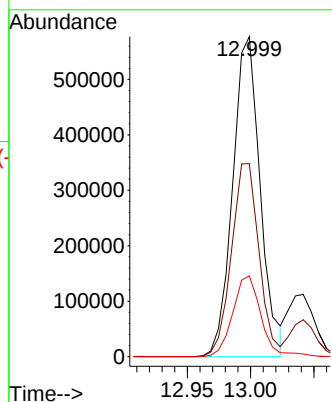
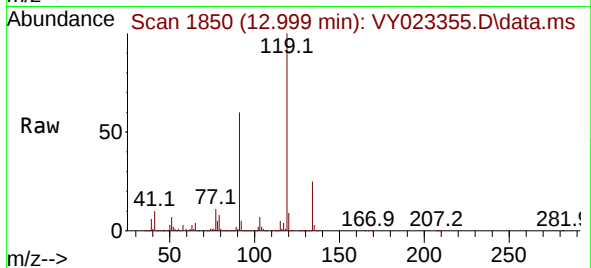
Tgt Ion:119 Resp: 873871

Ion Ratio Lower Upper

119 100

91 60.5 31.6 94.8

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 51.160 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023355.D

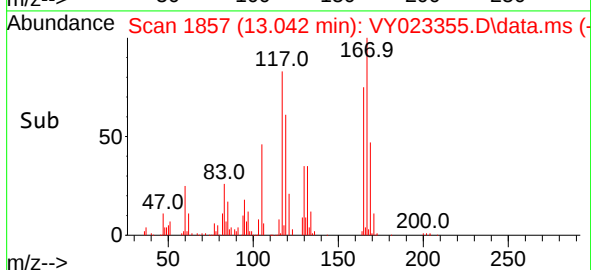
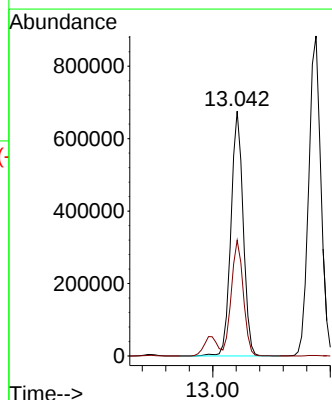
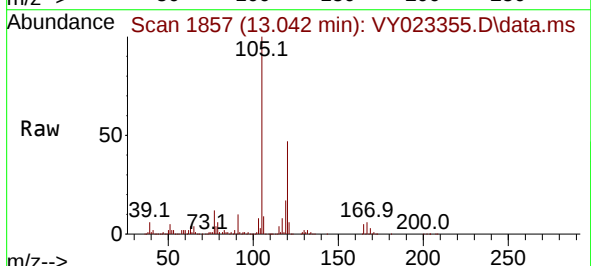
Acq: 12 Sep 2025 08:57

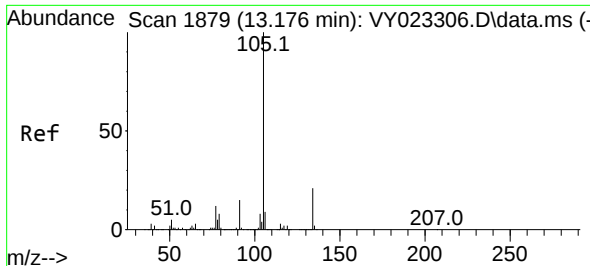
Tgt Ion:105 Resp: 975734

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0

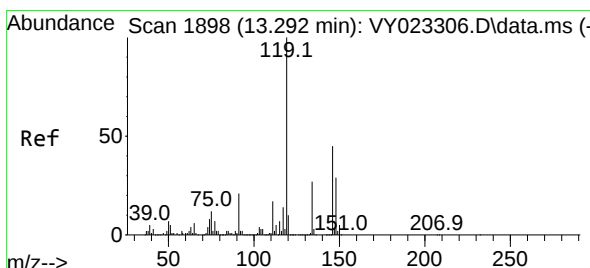
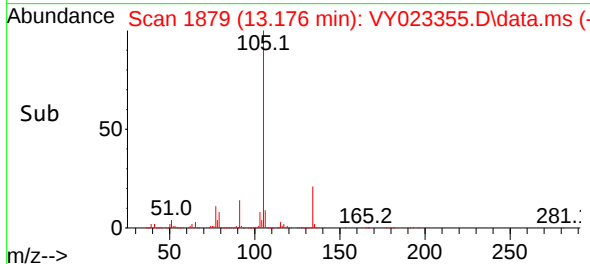
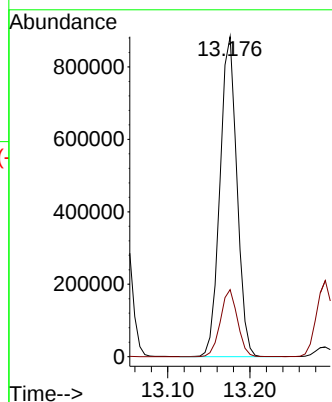
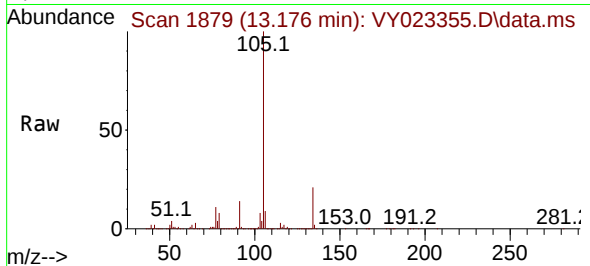




#85
 sec-Butylbenzene
 Concen: 49.960 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

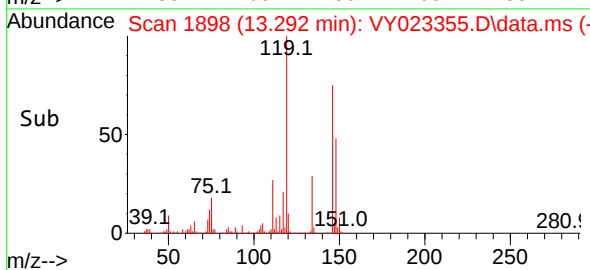
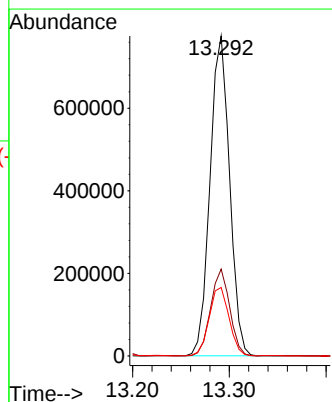
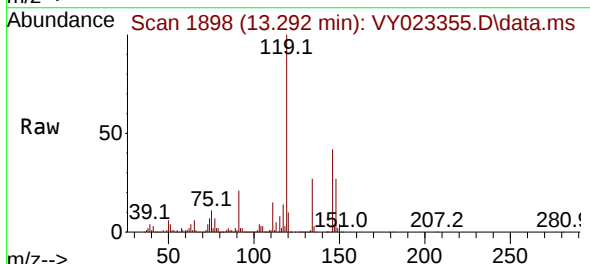
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

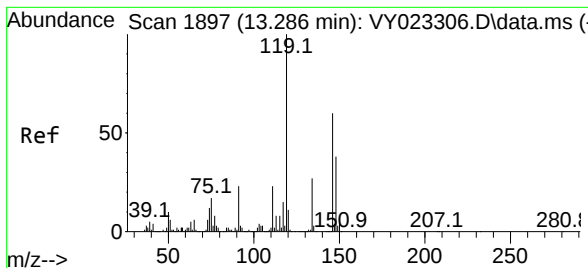
Tgt Ion:105 Resp: 1269247
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 50.564 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

Tgt Ion:119 Resp: 1085100
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 21.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.617 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

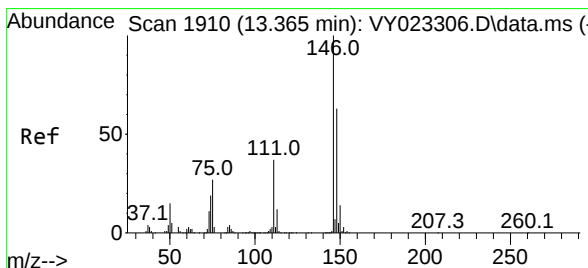
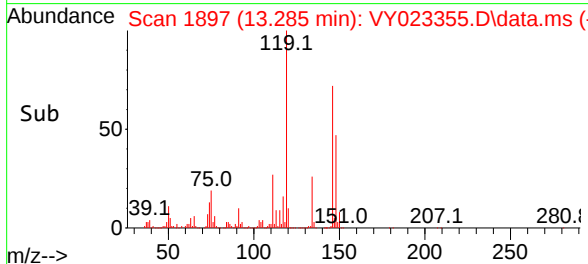
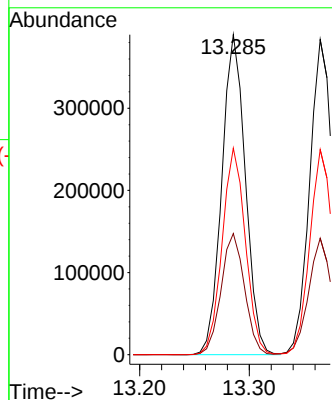
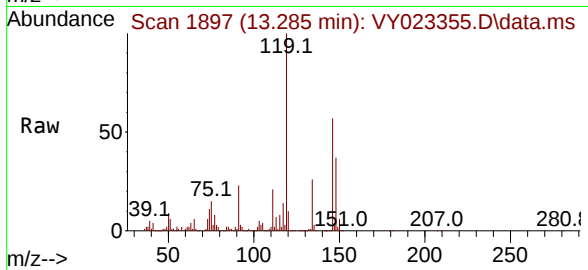
Tgt Ion:146 Resp: 582604

Ion Ratio Lower Upper

146 100

111 37.6 19.6 58.7

148 63.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 47.749 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

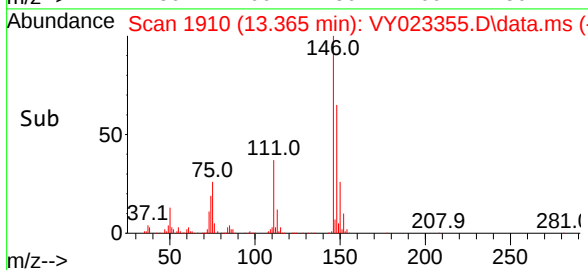
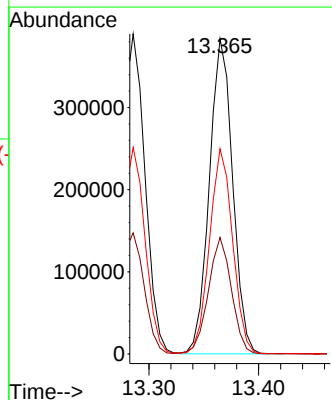
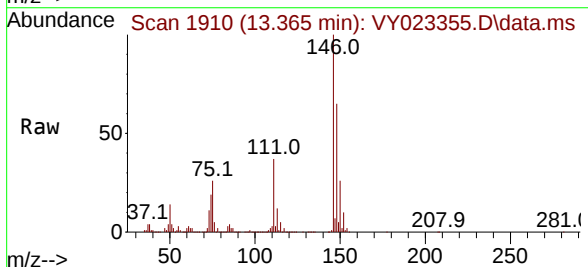
Tgt Ion:146 Resp: 566763

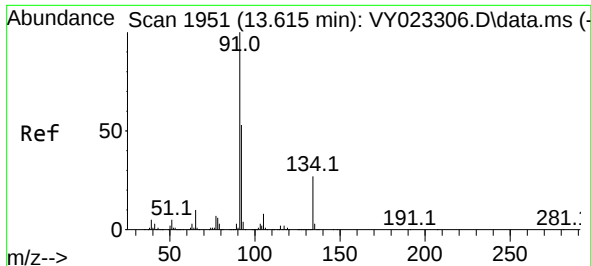
Ion Ratio Lower Upper

146 100

111 36.6 19.1 57.1

148 64.7 31.6 94.7

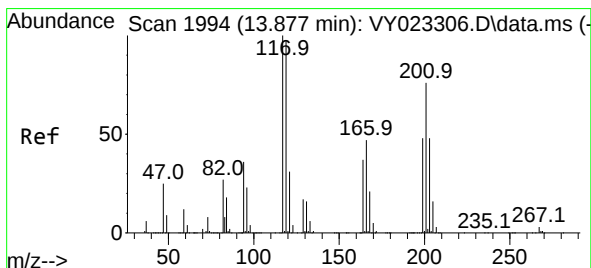
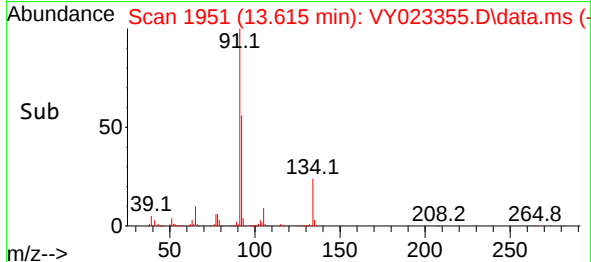
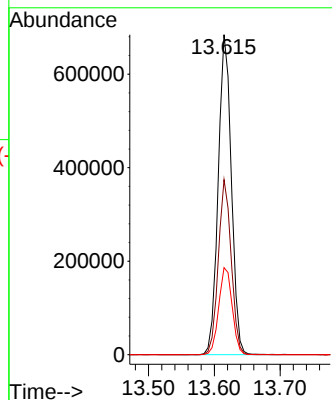
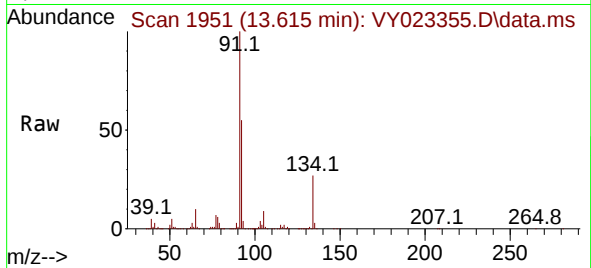




#89
n-Butylbenzene
Concen: 49.928 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

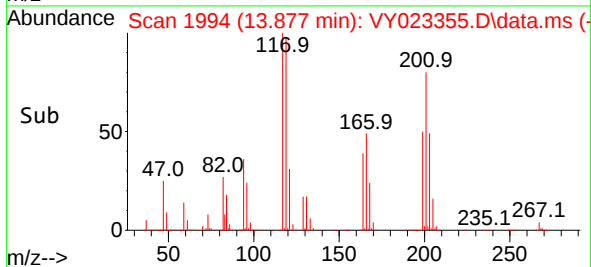
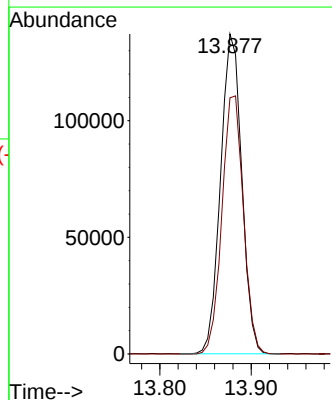
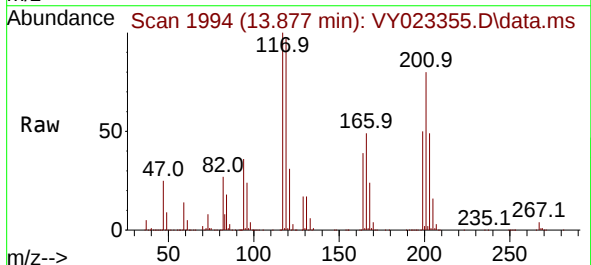
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

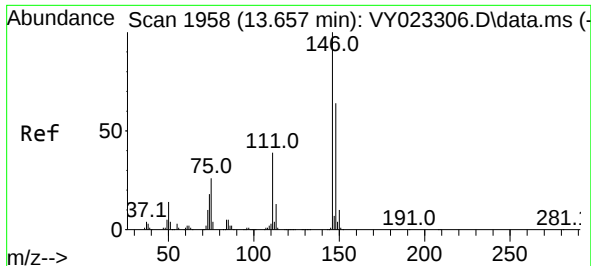
Tgt Ion: 91 Resp: 950237
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 27.9 13.2 39.5



#90
Hexachloroethane
Concen: 47.532 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023355.D
Acq: 12 Sep 2025 08:57

Tgt Ion: 117 Resp: 221142
Ion Ratio Lower Upper
117 100
201 81.6 38.4 115.1

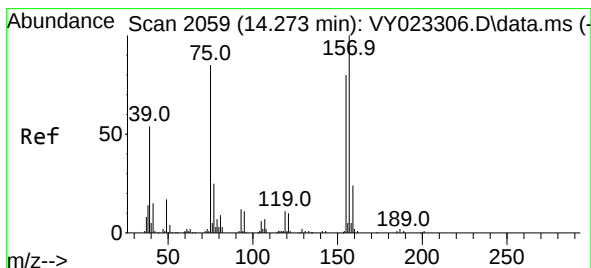
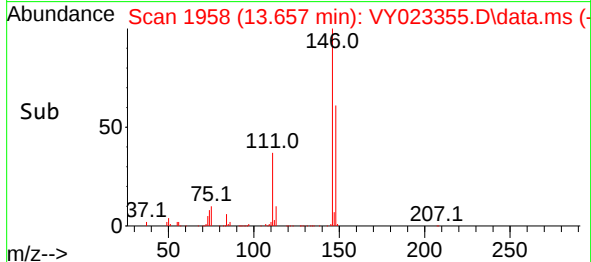
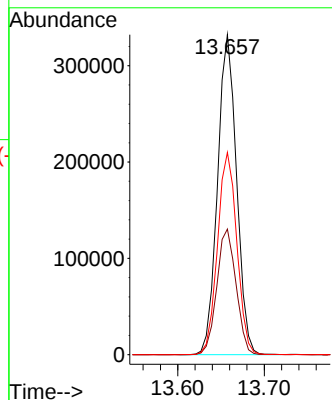
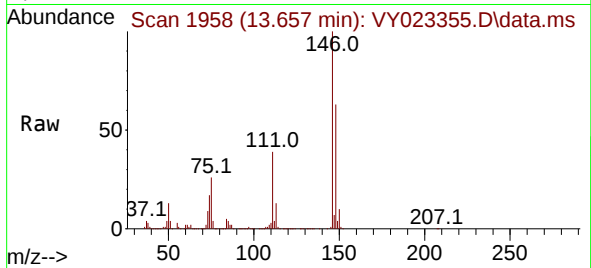




#91
 1,2-Dichlorobenzene
 Concen: 48.475 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

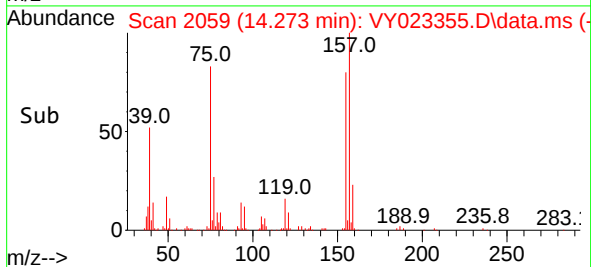
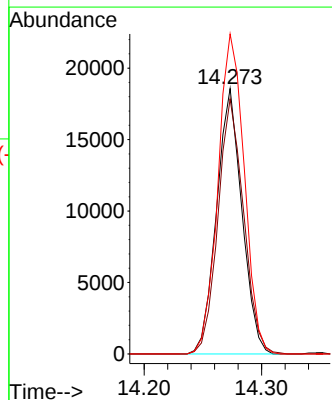
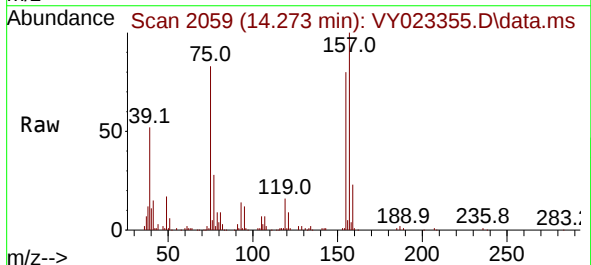
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

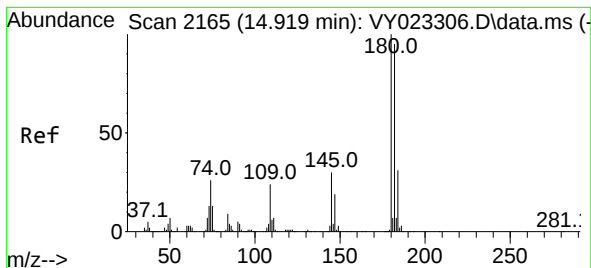
Tgt Ion:146 Resp: 506489
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 64.2 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.535 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023355.D
 Acq: 12 Sep 2025 08:57

Tgt Ion: 75 Resp: 27800
 Ion Ratio Lower Upper
 75 100
 155 97.2 43.9 131.6
 157 125.2 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 49.163 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

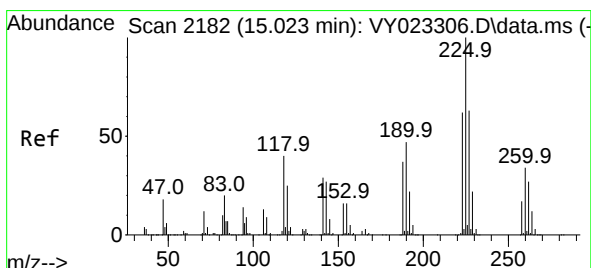
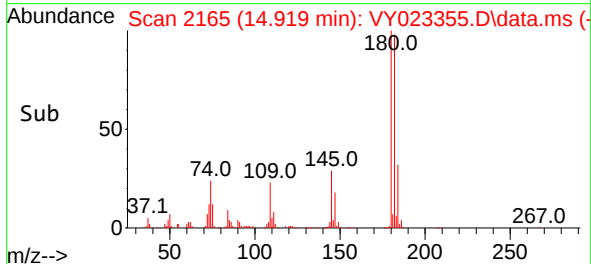
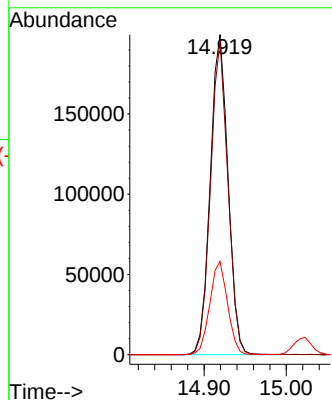
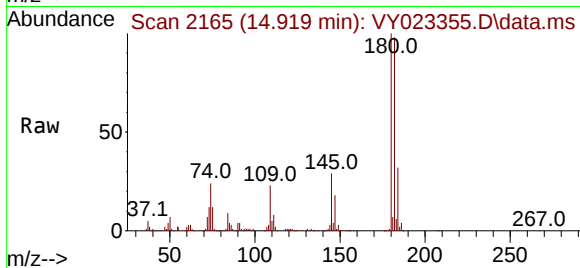
Tgt Ion:180 Resp: 299630

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.4

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 49.408 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

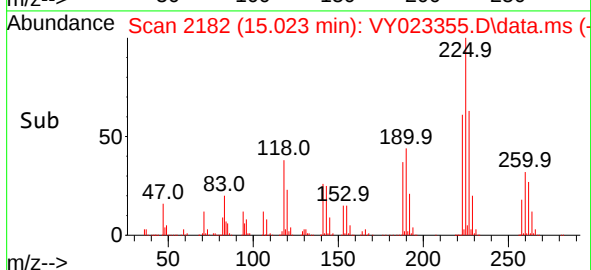
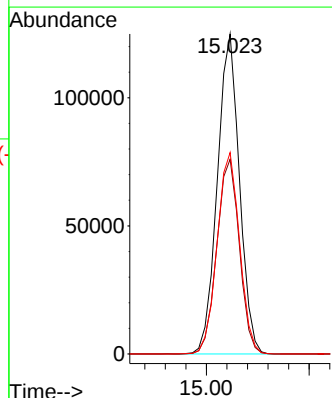
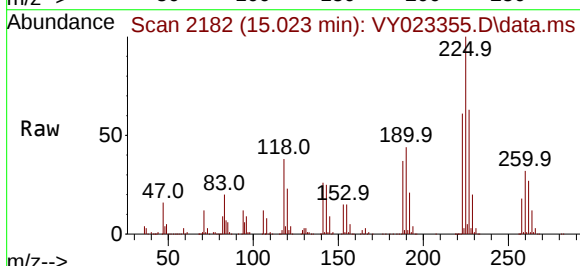
Tgt Ion:225 Resp: 186185

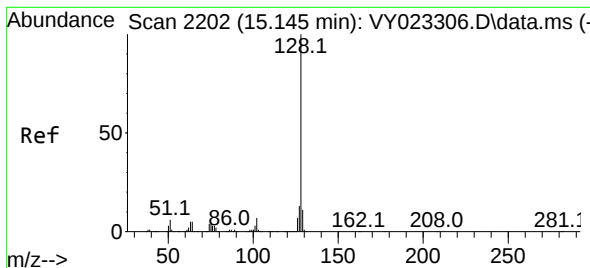
Ion Ratio Lower Upper

225 100

223 61.8 31.3 93.8

227 63.9 31.5 94.5





#95

Naphthalene

Concen: 49.384 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

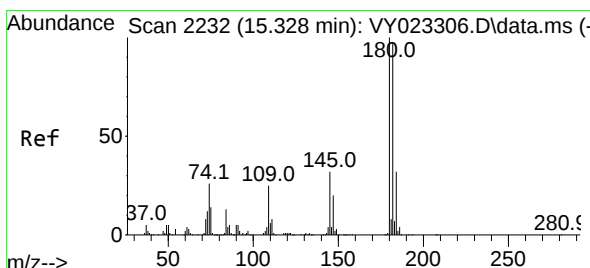
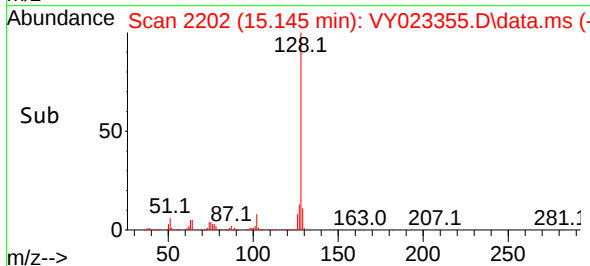
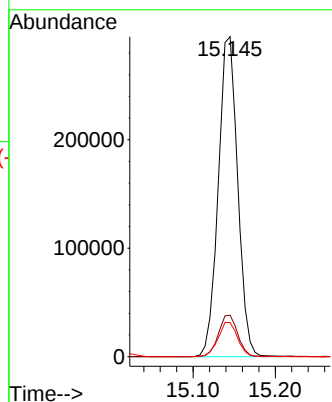
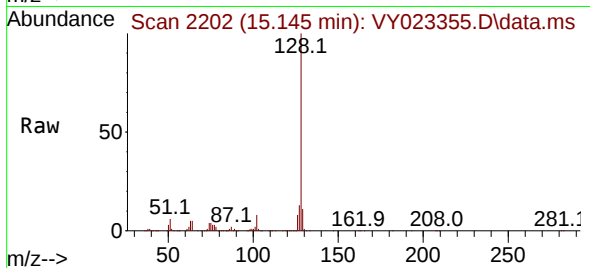
Tgt Ion:128 Resp: 483768

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 48.921 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023355.D

Acq: 12 Sep 2025 08:57

Tgt Ion:180 Resp: 258940

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 30.7 15.9 47.7

