

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021777.D
 Acq On : 04 Apr 2025 09:57
 Operator : SY/MD
 Sample : VY0404SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBL01

Quant Time: Apr 04 23:38:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

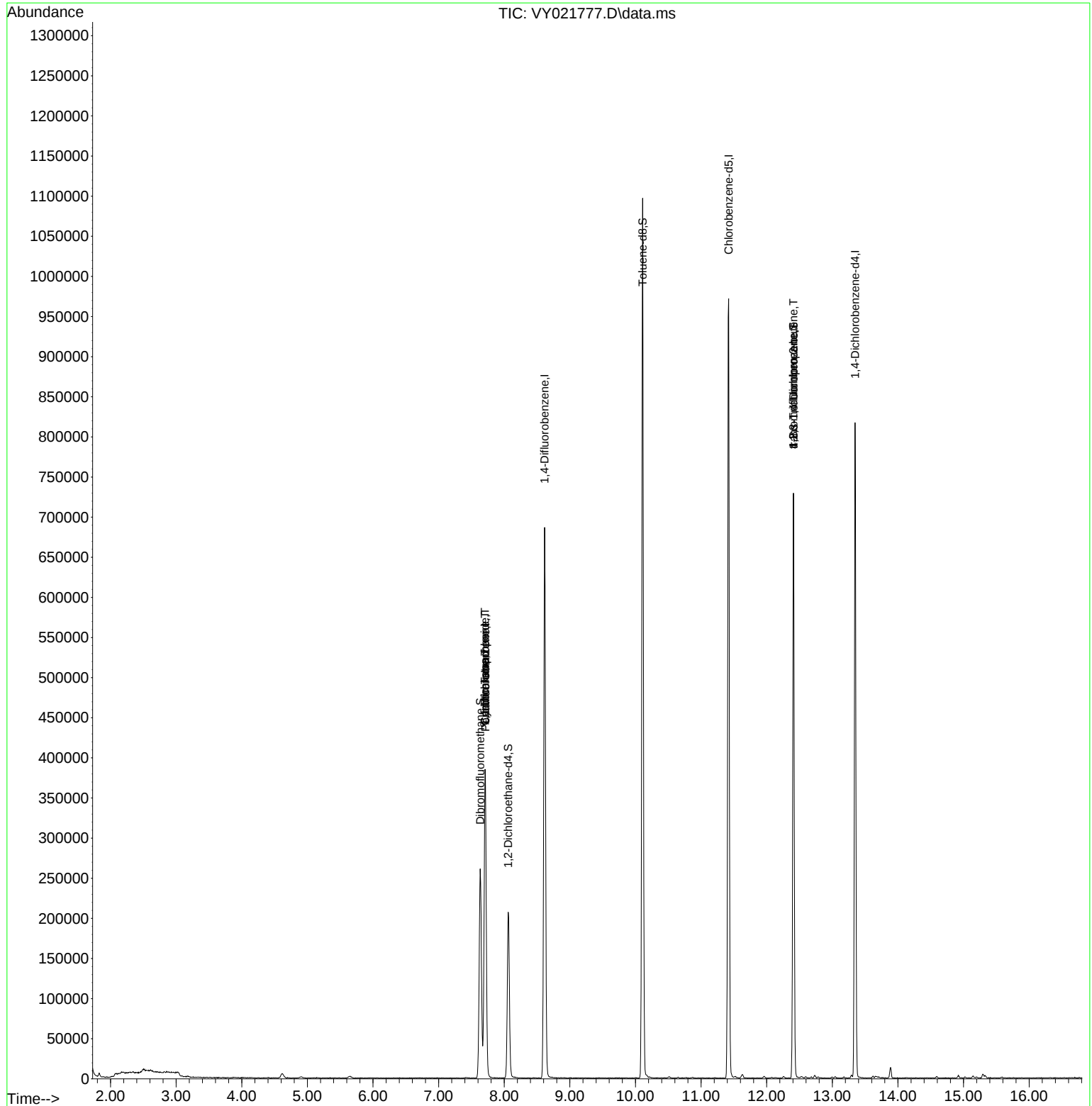
Internal Standards						
1) Pentafluorobenzene	7.713	168	292871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	557825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	508122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	199436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166091	52.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.680%	
35) Dibromofluoromethane	7.634	113	182822	50.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.040%	
50) Toluene-d8	10.109	98	678710	49.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.408	95	210519	45.212	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.420%	
Target Compounds						Qvalue
20) Methylene Chloride	4.622	84	3953	Below Cal	87	
31) Cyclohexane	7.707	56	7133	1.274	ug/l #	24
36) 1,1-Dichloropropene	7.707	75	22843	4.145	ug/l #	51
38) Carbon Tetrachloride	7.707	117	30066	4.763	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	110805	56.049	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	110805	129.147	ug/l #	12

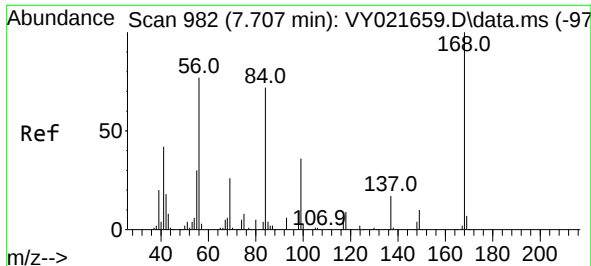
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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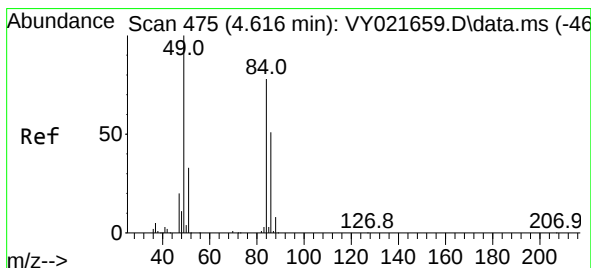
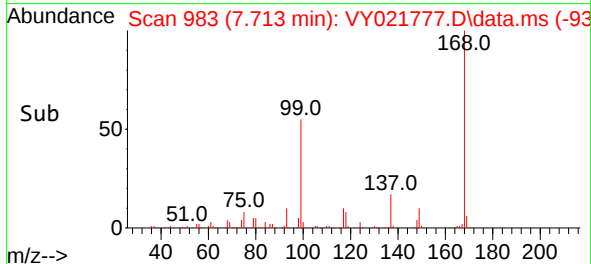
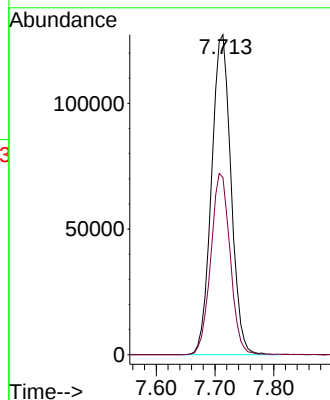
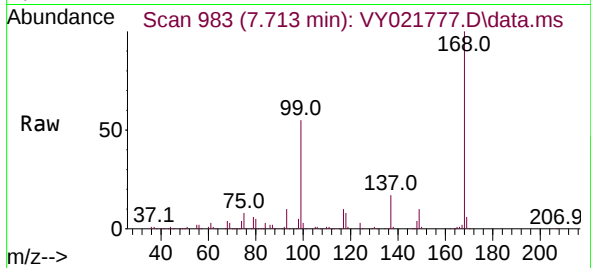




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

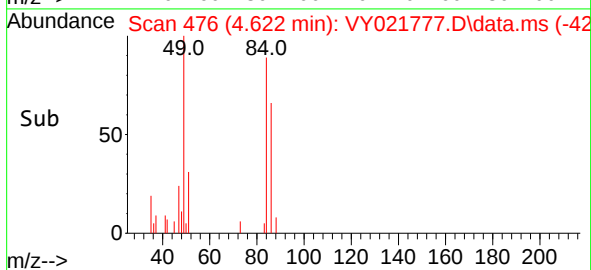
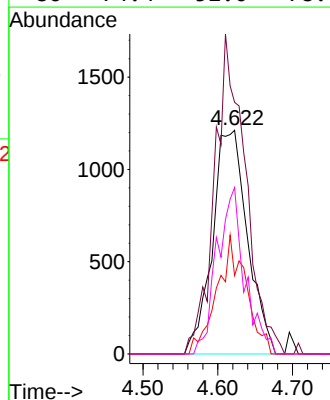
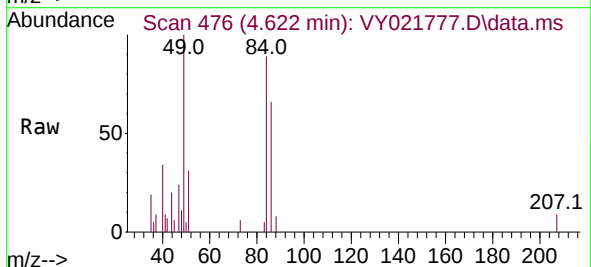
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

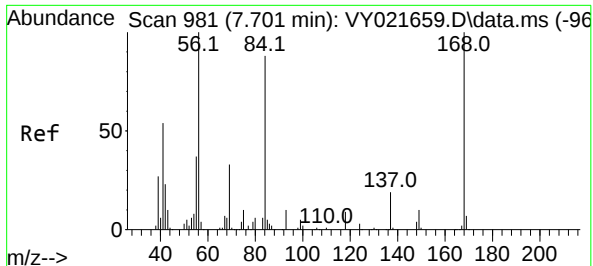
Tgt Ion:168 Resp: 292871
Ion Ratio Lower Upper
168 100
99 55.4 46.7 70.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

Tgt Ion: 84 Resp: 3953
Ion Ratio Lower Upper
84 100
49 112.5 102.8 154.2
51 35.1 33.5 50.3
86 74.4 52.0 78.0

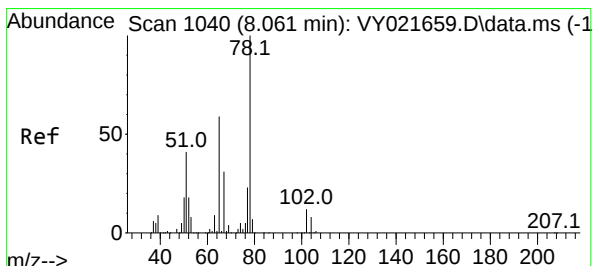
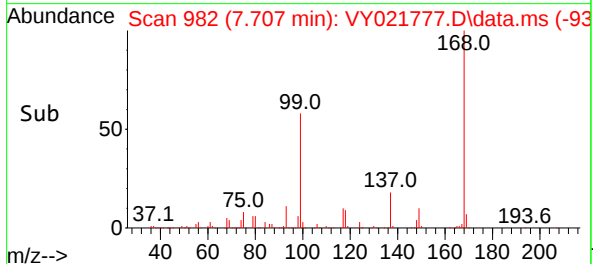
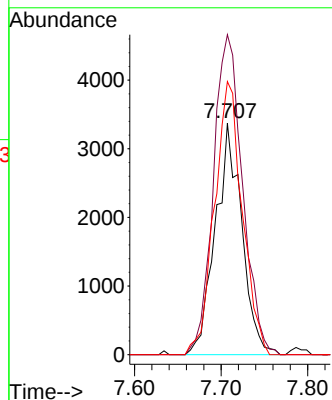
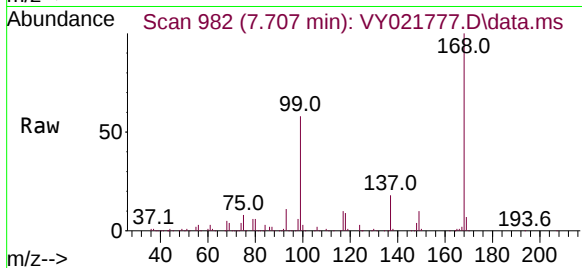




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

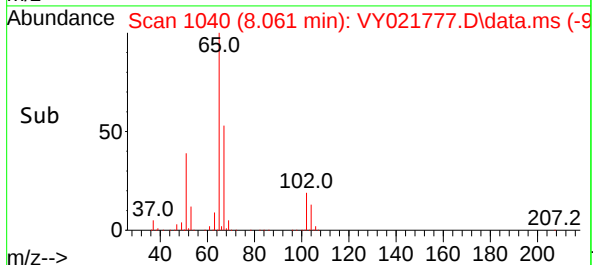
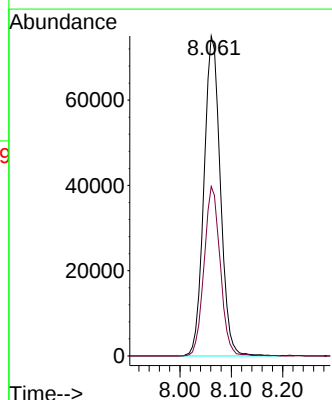
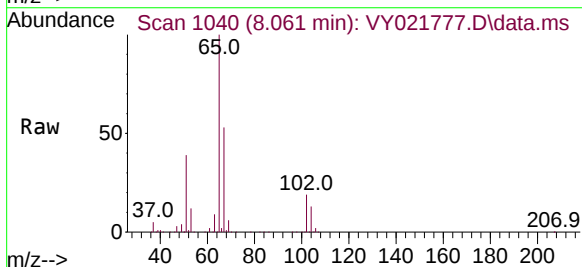
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

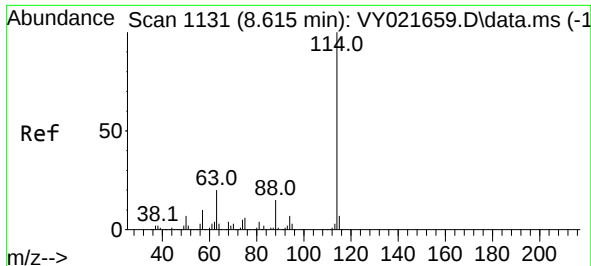
Tgt Ion: 56 Resp: 7133
Ion Ratio Lower Upper
56 100
69 138.2 26.6 40.0#
84 118.0 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 52.342 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

Tgt Ion: 65 Resp: 166091
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

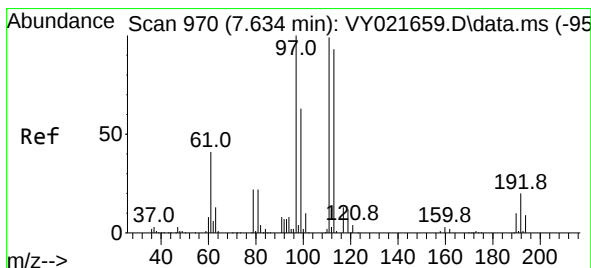
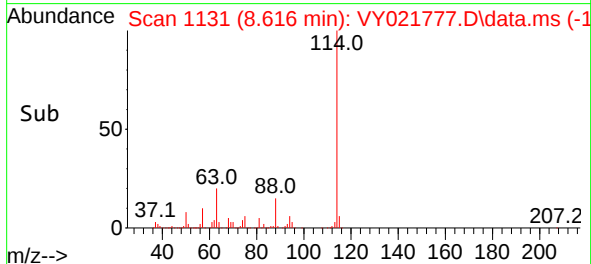
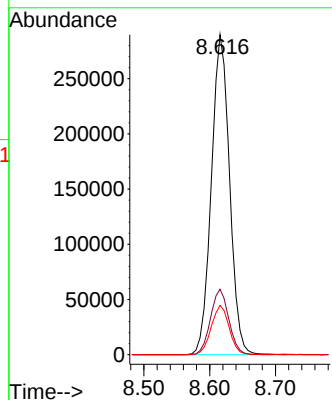
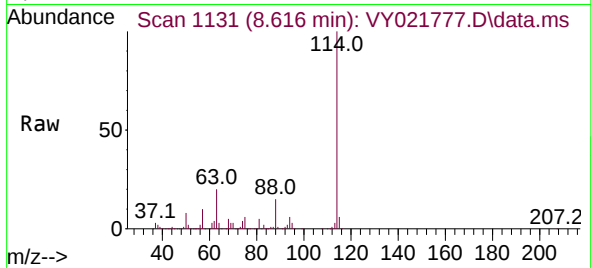




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

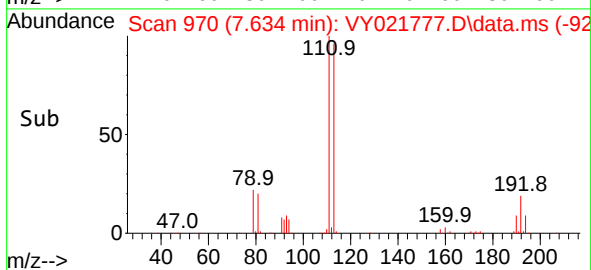
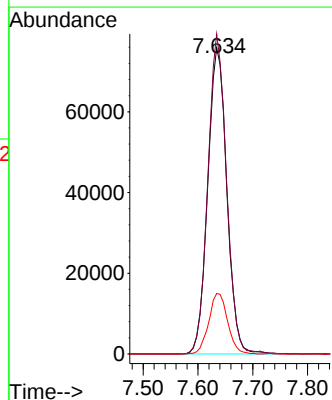
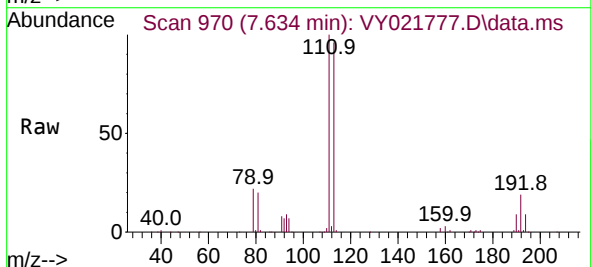
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

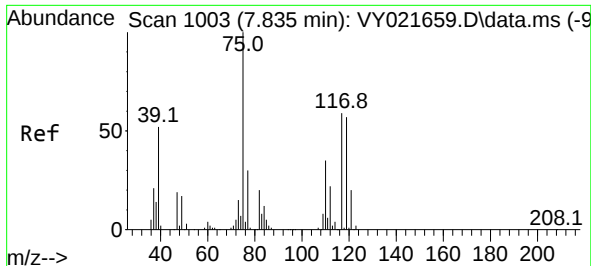
Tgt Ion:114 Resp: 557825
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.524 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

Tgt Ion:113 Resp: 182822
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.6 16.2 24.4

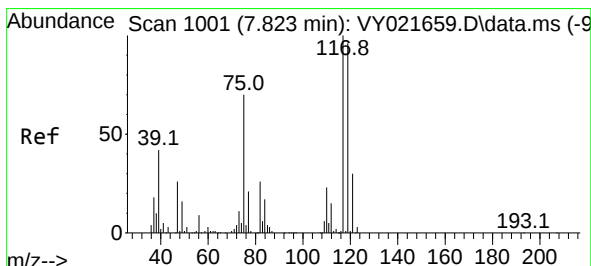
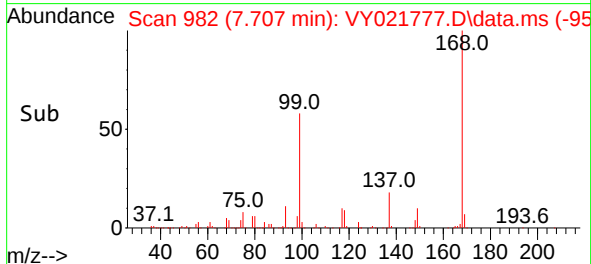
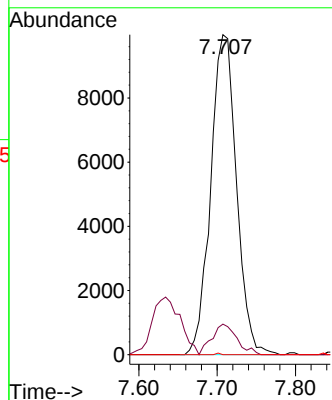
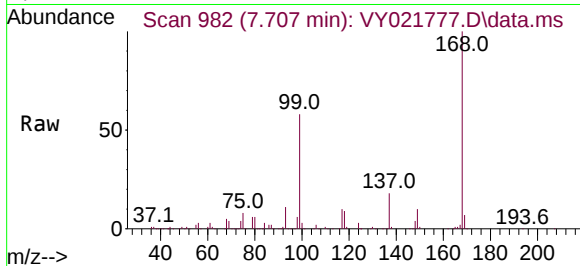




#36
 1,1-Dichloropropene
 Concen: 4.145 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY021777.D
 Acq: 04 Apr 2025 09:57

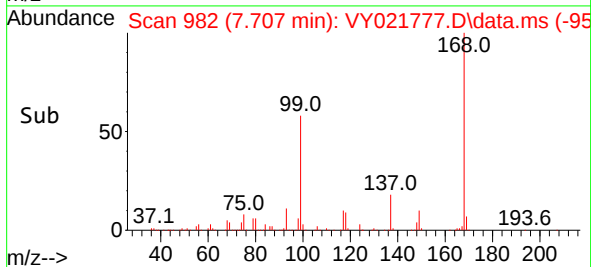
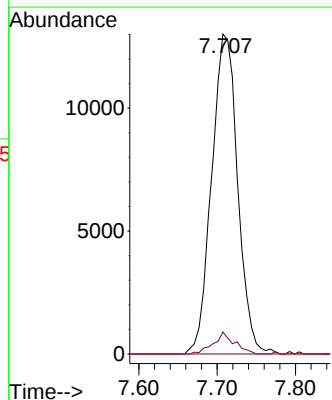
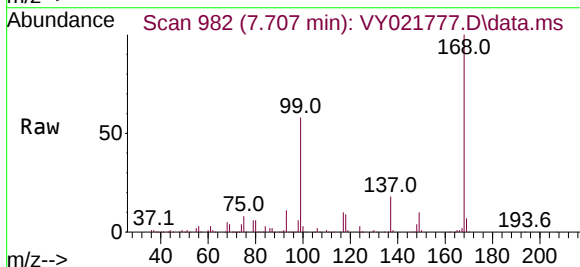
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBL01

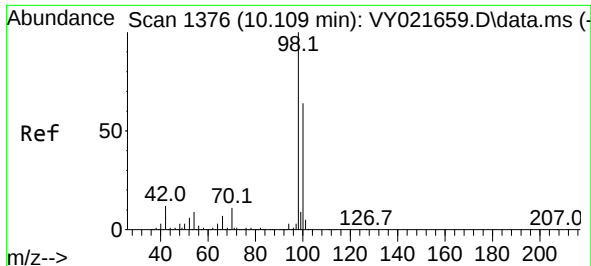
Tgt Ion: 75 Resp: 22843
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 50.9#
 77 0.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.763 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY021777.D
 Acq: 04 Apr 2025 09:57

Tgt Ion: 117 Resp: 30066
 Ion Ratio Lower Upper
 117 100
 119 6.8 76.2 114.4#
 121 0.0 24.2 36.4#

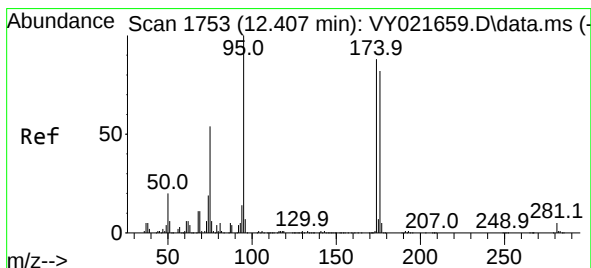
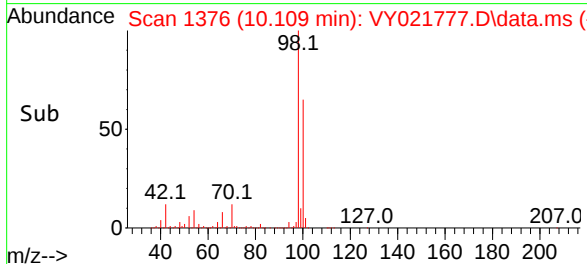
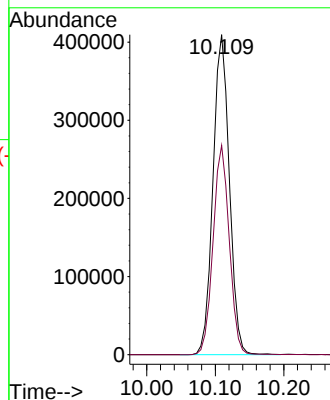
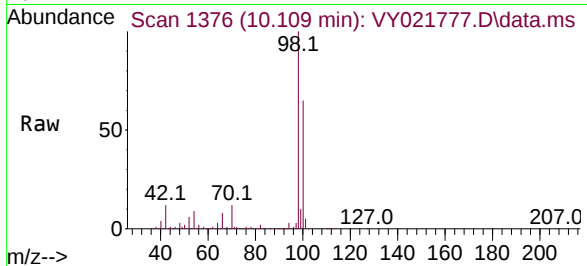




#50
Toluene-d8
Concen: 49.304 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

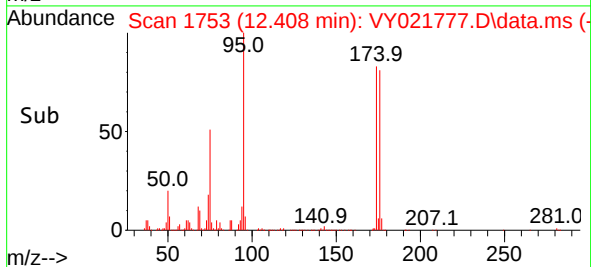
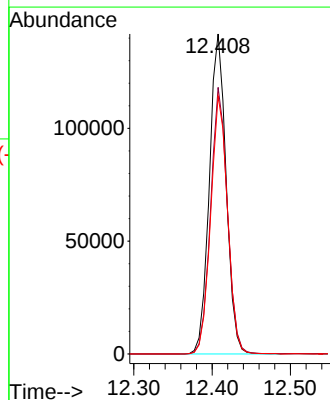
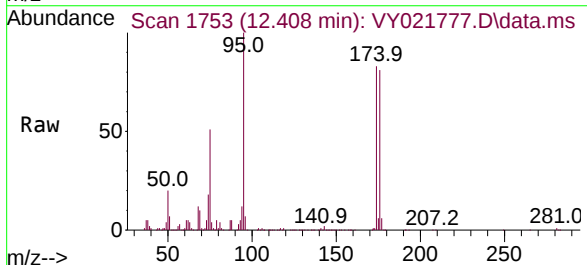
Instrument :
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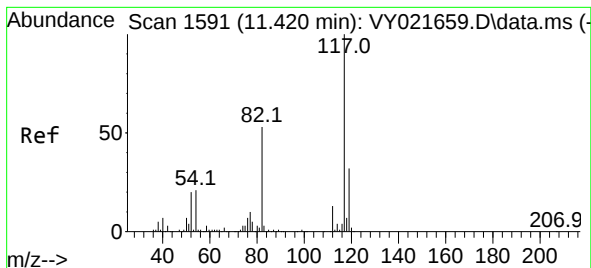
Tgt Ion: 98 Resp: 678710
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.212 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

Tgt Ion: 95 Resp: 210519
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.8
176 81.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021777.D

Acq: 04 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBL01

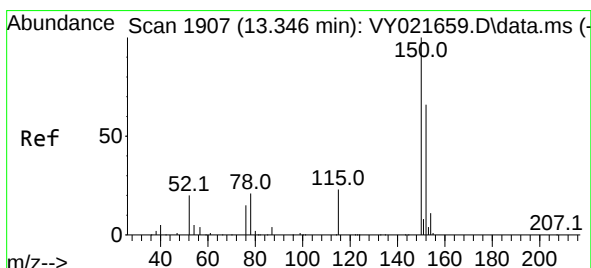
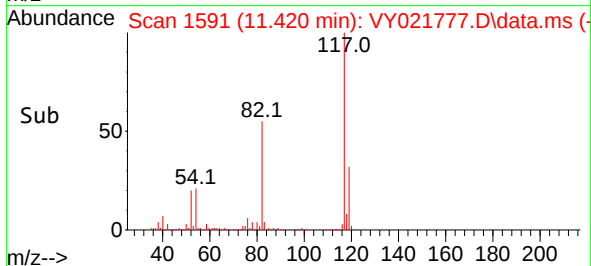
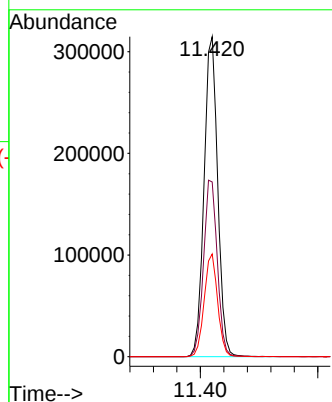
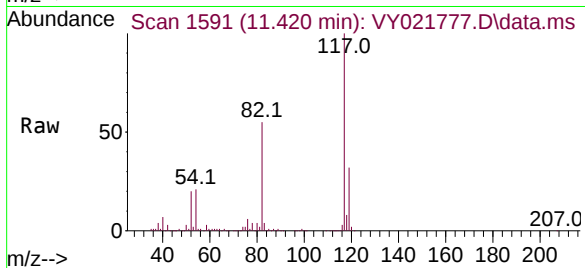
Tgt Ion:117 Resp: 508122

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021777.D

Acq: 04 Apr 2025 09:57

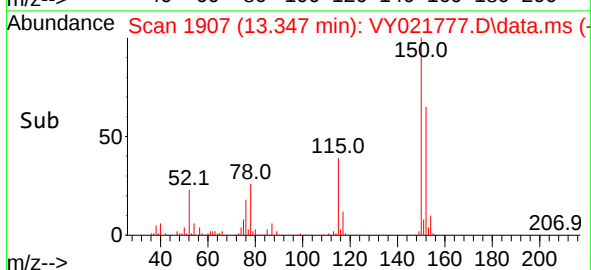
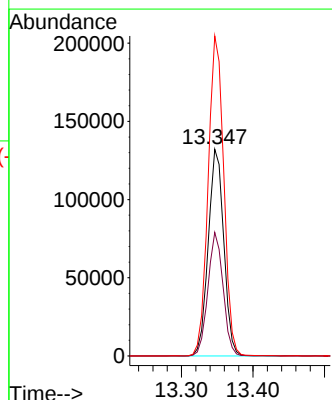
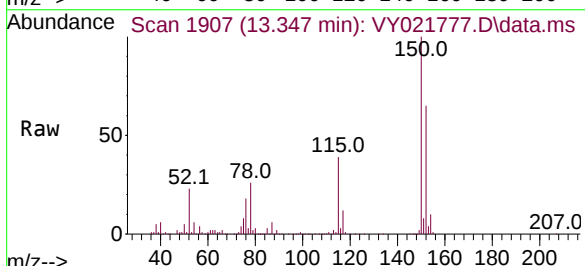
Tgt Ion:152 Resp: 199436

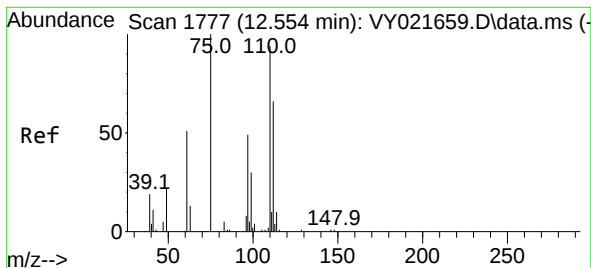
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 155.9 0.0 348.4

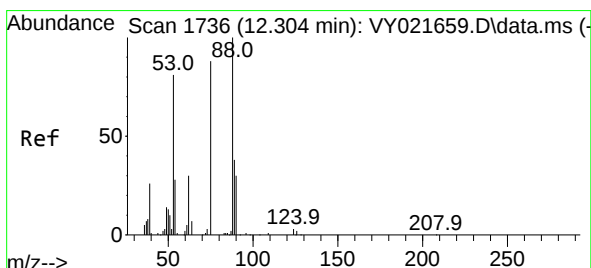
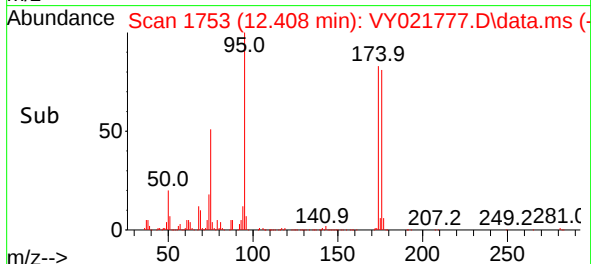
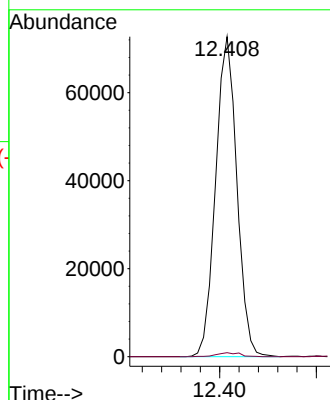
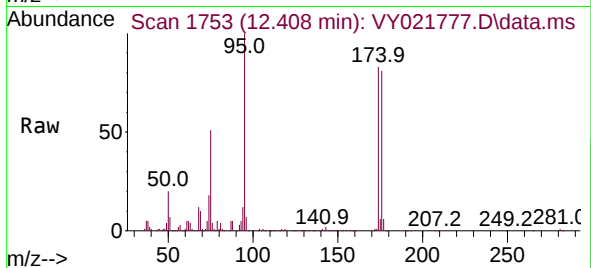




#76
1,2,3-Trichloropropane
Concen: 56.049 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

Tgt Ion: 75 Resp: 110805
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.147 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021777.D
Acq: 04 Apr 2025 09:57

Tgt Ion: 75 Resp: 110805
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.1 36.2 54.4#

