

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021963.D
 Acq On : 23 Apr 2025 10:31
 Operator : SY/MD
 Sample : VY0423SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBL01

Quant Time: Apr 24 03:44:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	319981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	599033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	525205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	194434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151146	51.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.280%
35) Dibromofluoromethane	7.634	113	197999	50.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.109	98	710393	47.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.408	95	193641	38.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.100%

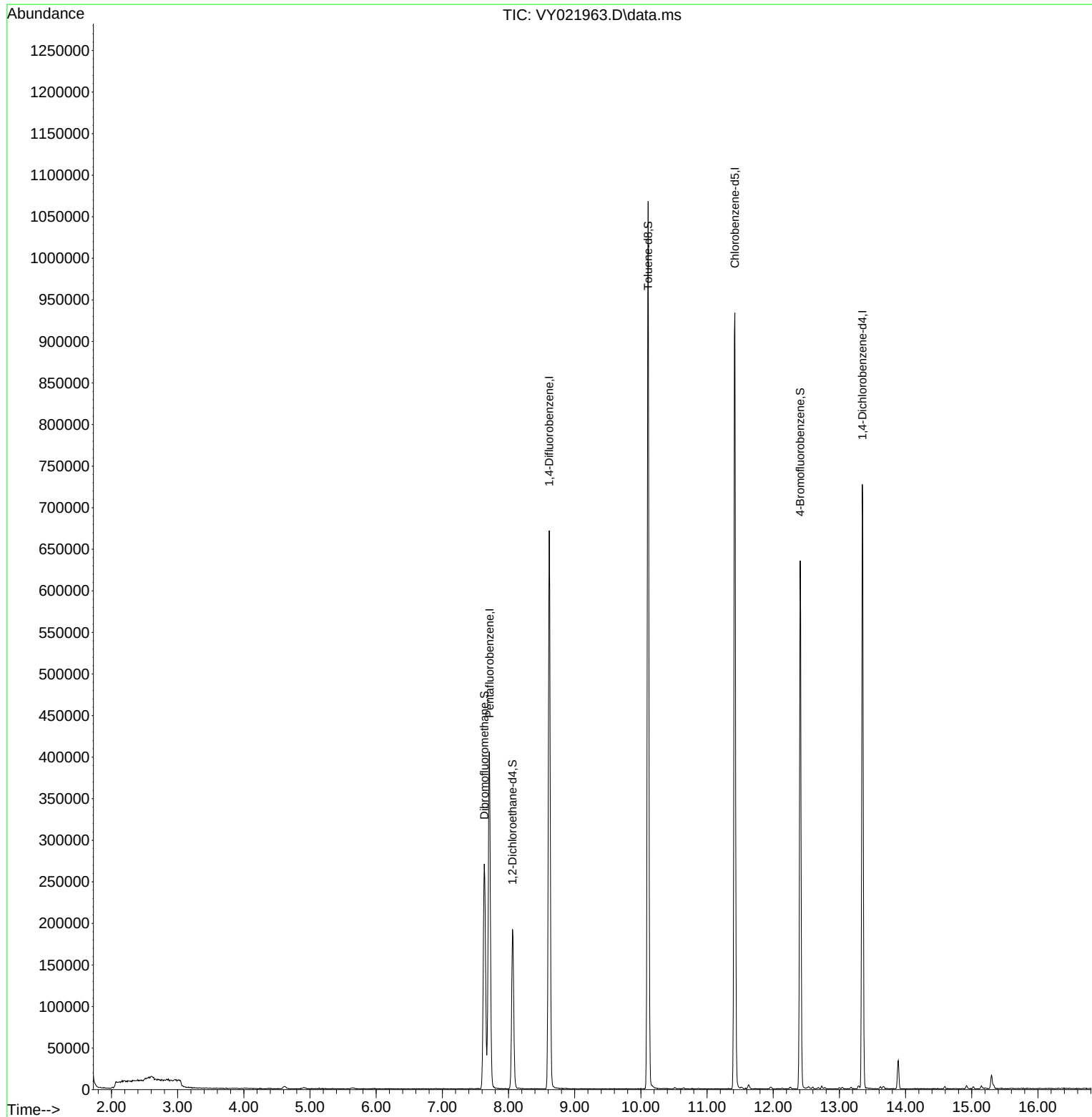
Target Compounds	Qvalue

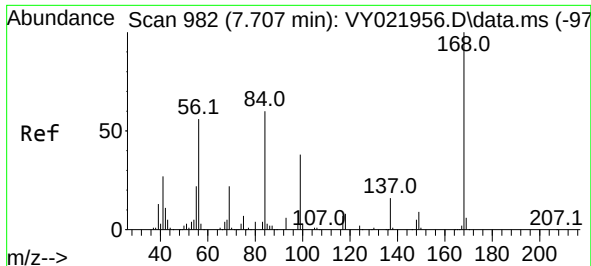
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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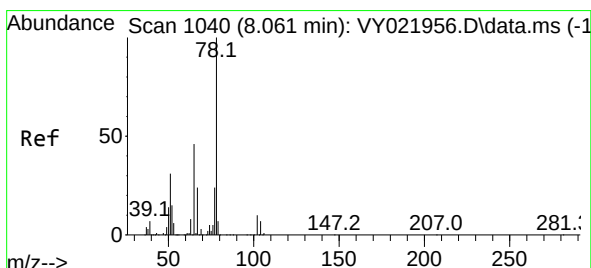
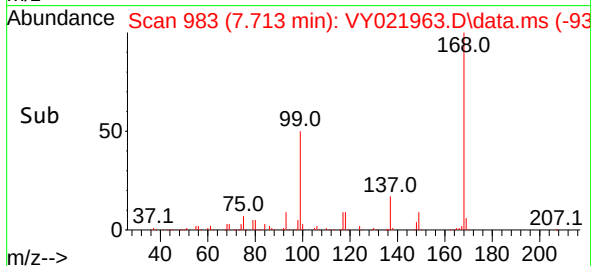
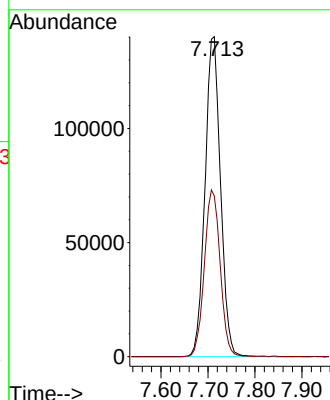
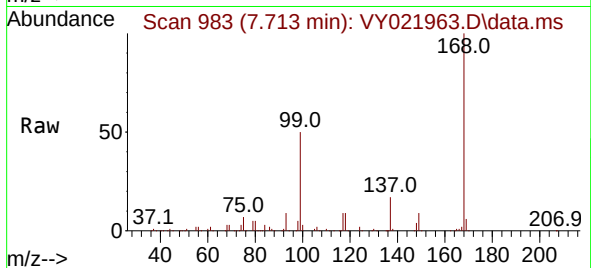




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

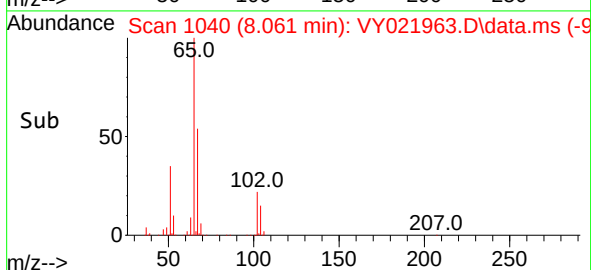
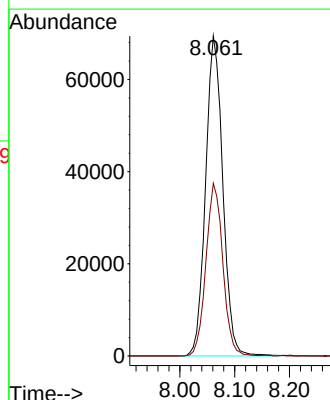
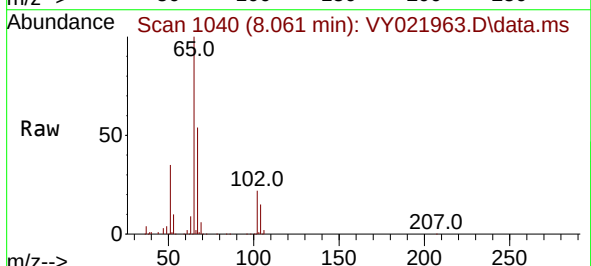
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

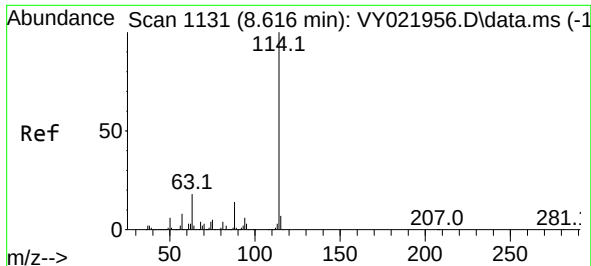
Tgt Ion:168 Resp: 319981
Ion Ratio Lower Upper
168 100
99 50.2 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 51.139 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 65 Resp: 151146
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

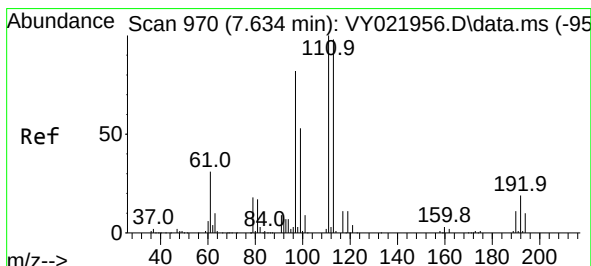
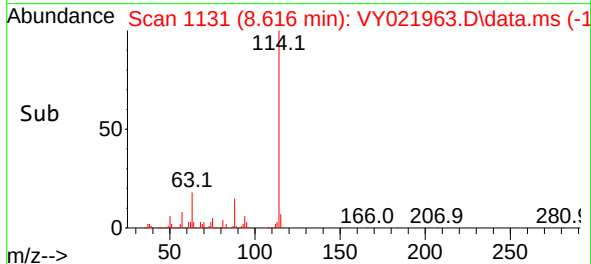
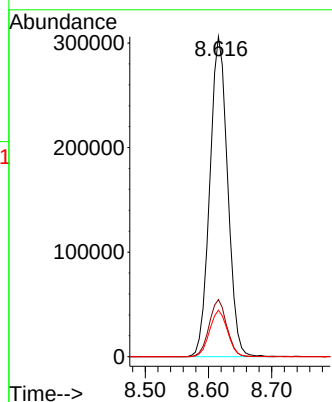
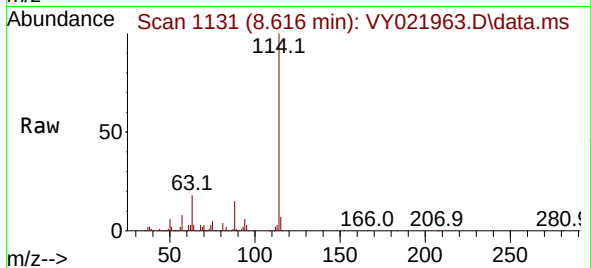




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

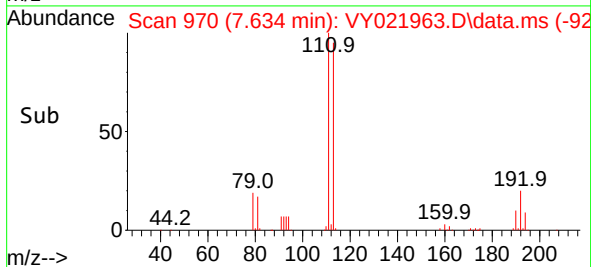
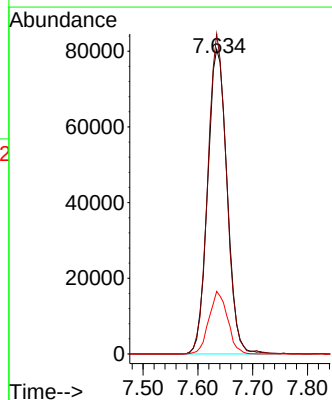
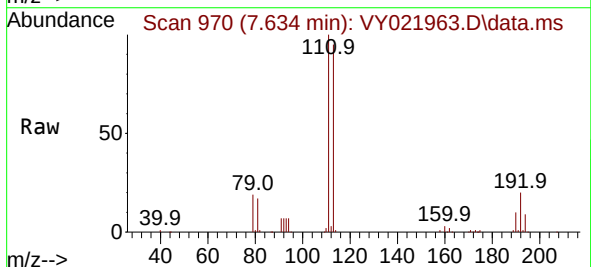
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

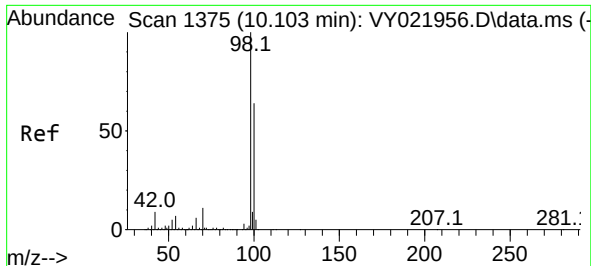
Tgt Ion:114 Resp: 599033
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.4
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.031 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion:113 Resp: 197999
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 19.6 15.6 23.4

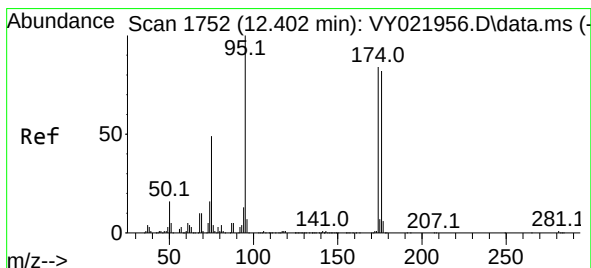
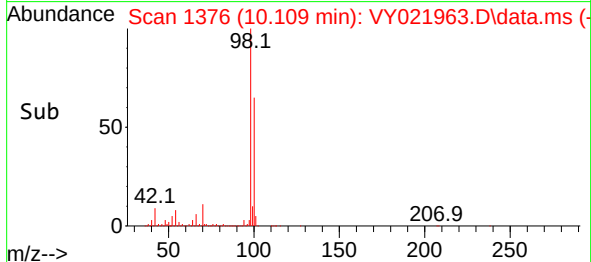
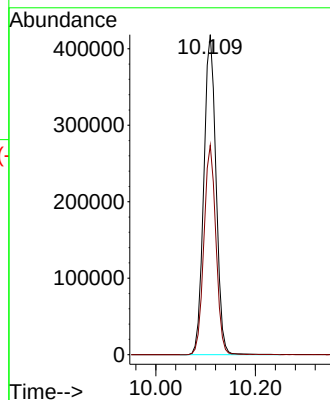
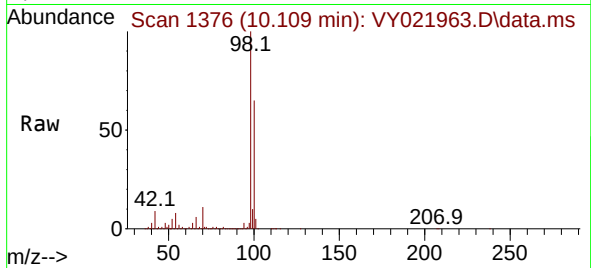




#50
Toluene-d8
Concen: 47.614 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

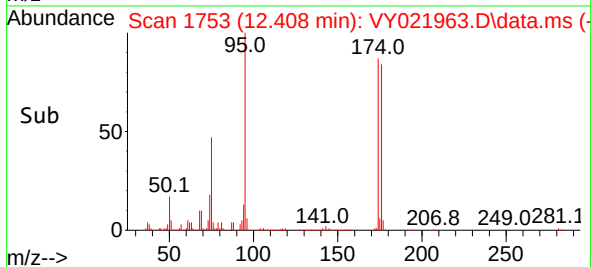
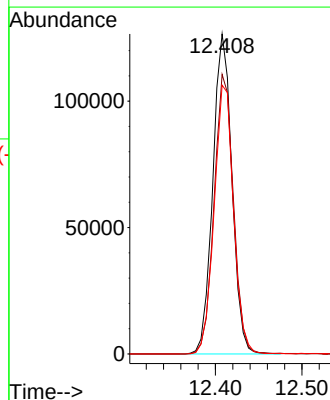
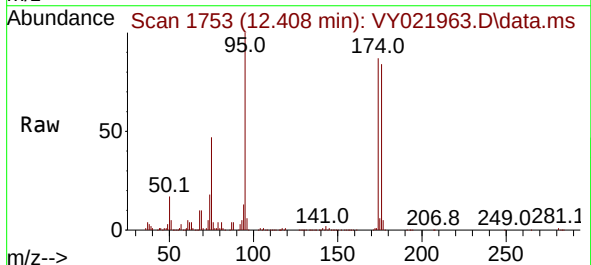
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

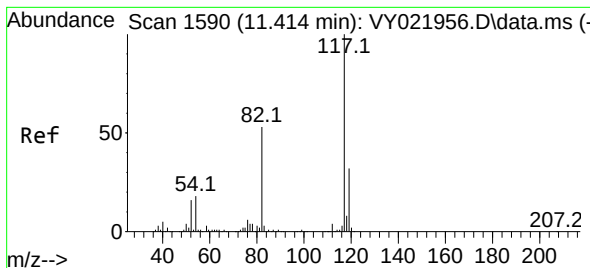
Tgt Ion: 98 Resp: 710393
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.554 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 95 Resp: 193641
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.0
176 85.6 0.0 171.8

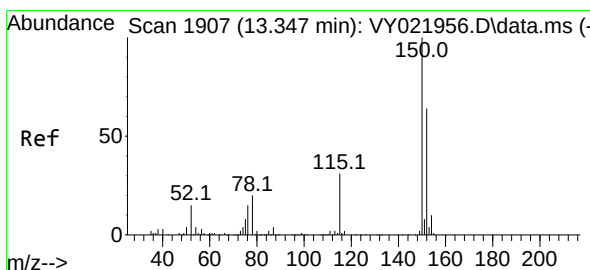
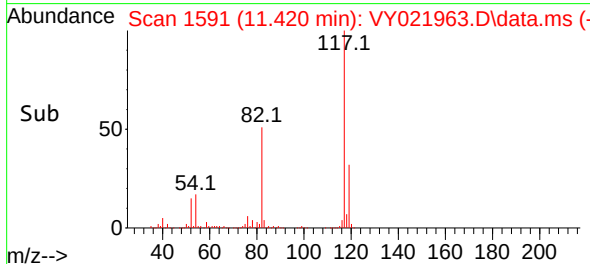
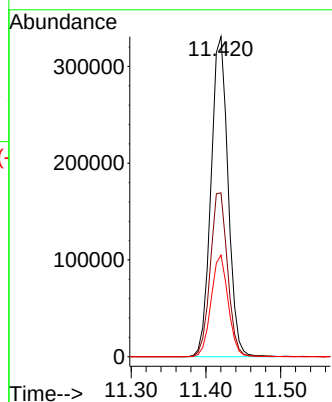
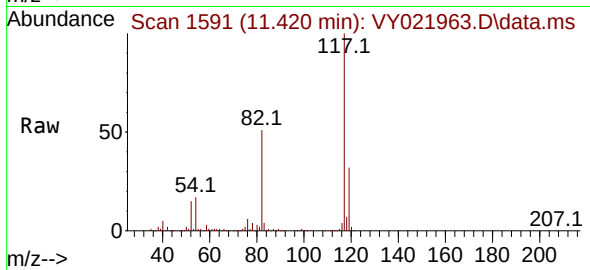




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Tgt Ion:117 Resp: 525205
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 31.7 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: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion:152 Resp: 194434
Ion Ratio Lower Upper
152 100
115 57.4 28.0 84.0
150 157.0 0.0 345.6

