

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022033.D
 Acq On : 28 Apr 2025 15:52
 Operator : SY/MD
 Sample : Q1889-02
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Apr 29 03:54:43 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	7.707	168	299025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	578464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	516589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	194154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156439	56.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.280%
35) Dibromofluoromethane	7.634	113	198145	51.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.700%
50) Toluene-d8	10.103	98	694512	48.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.402	95	192989	39.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.580%

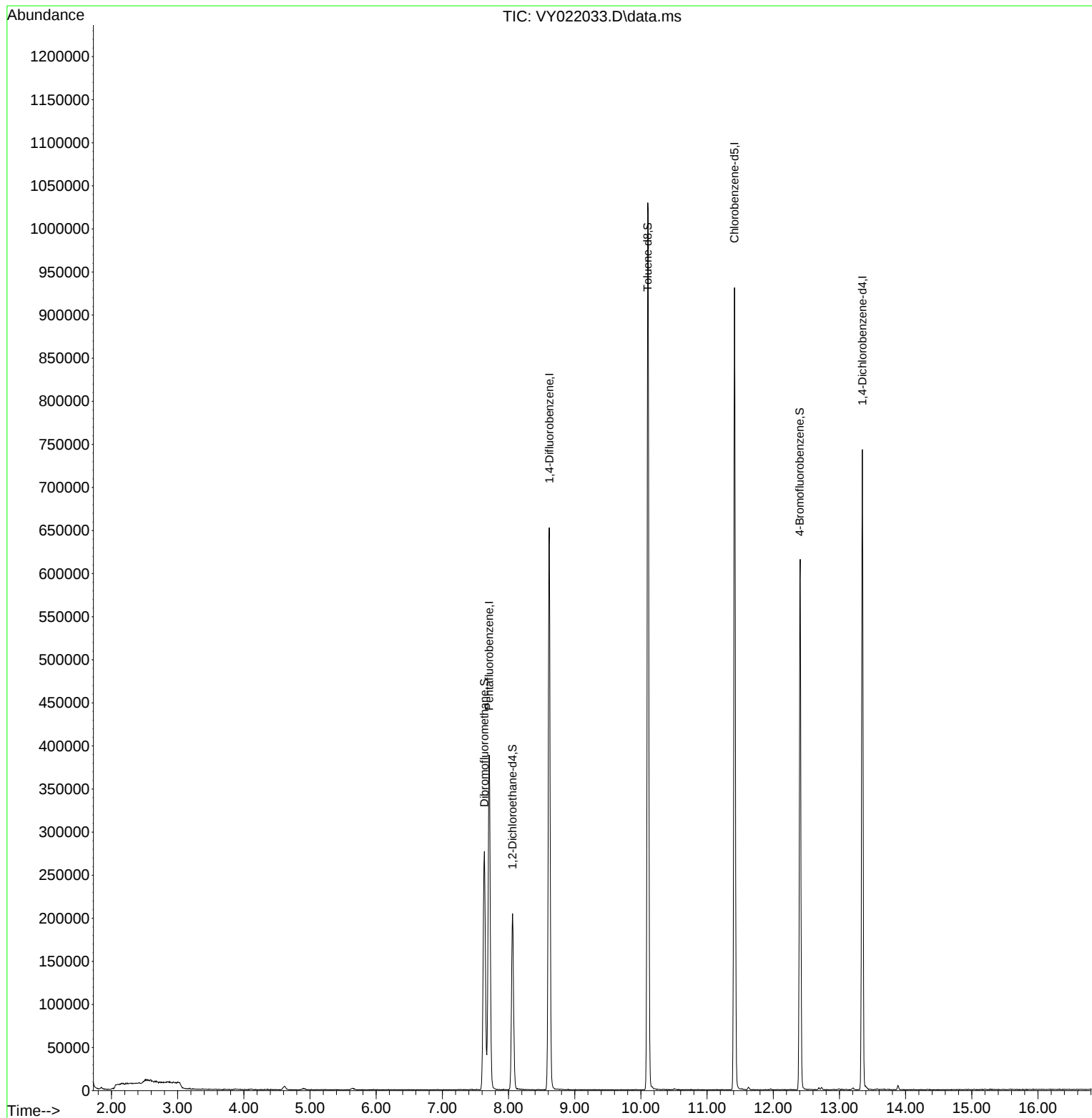
Target Compounds	Qvalue

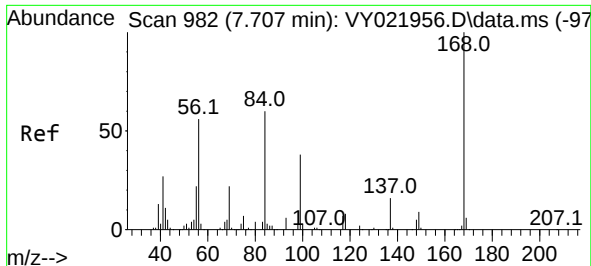
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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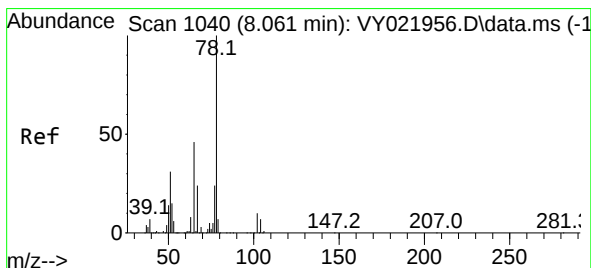
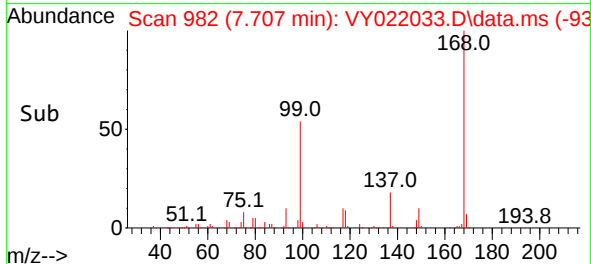
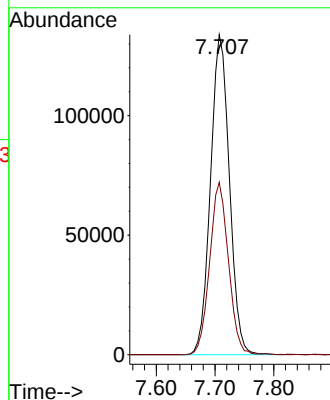
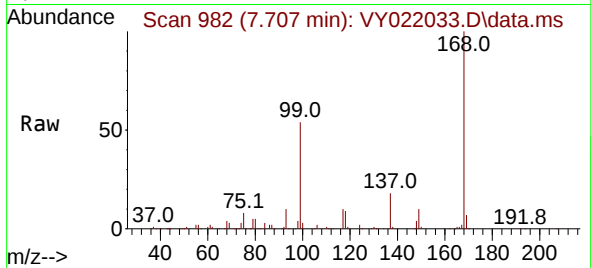




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

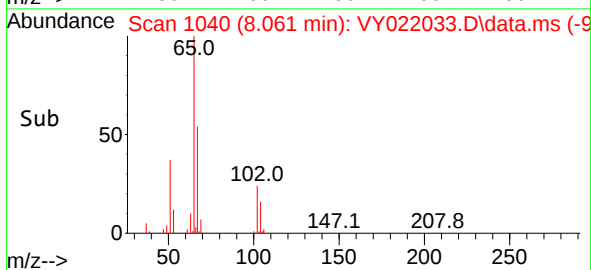
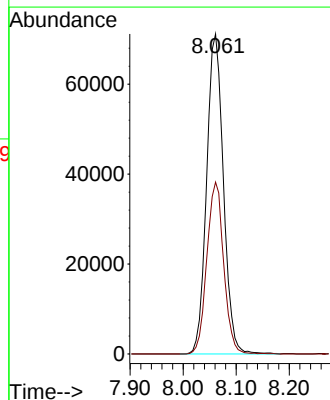
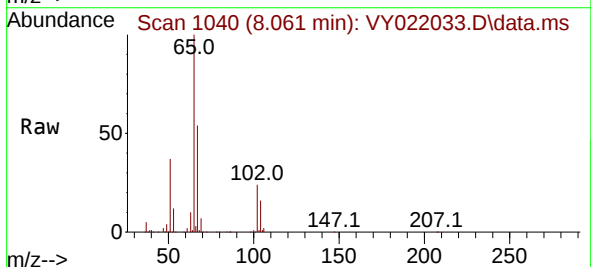
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

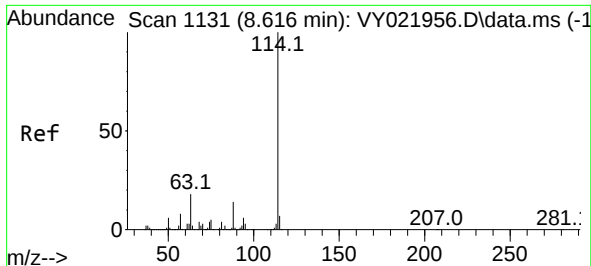
Tgt Ion:168 Resp: 299025
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 56.639 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

Tgt Ion: 65 Resp: 156439
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.8

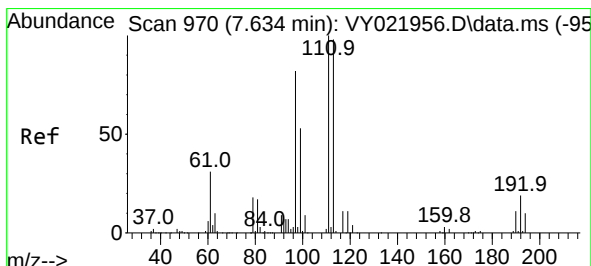
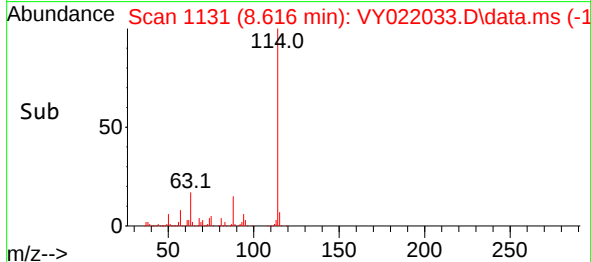
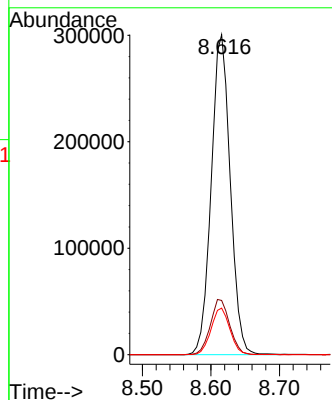
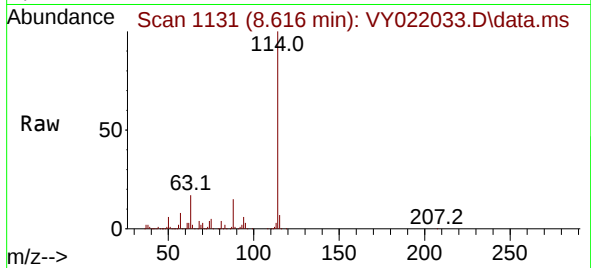




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

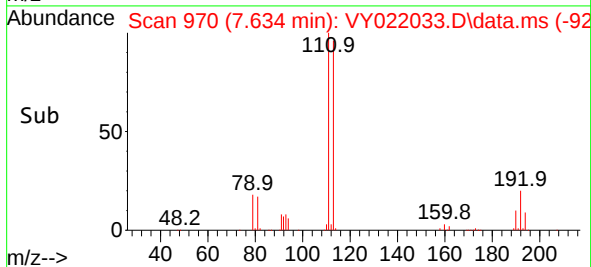
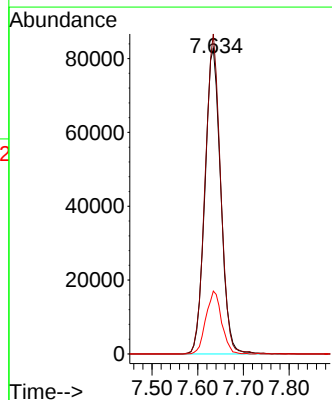
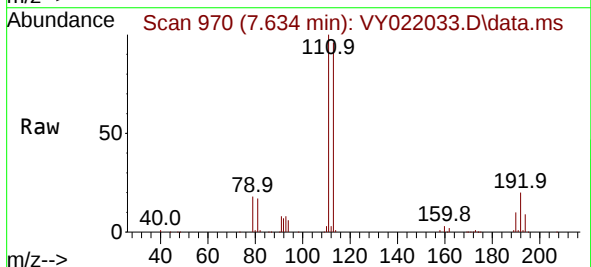
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

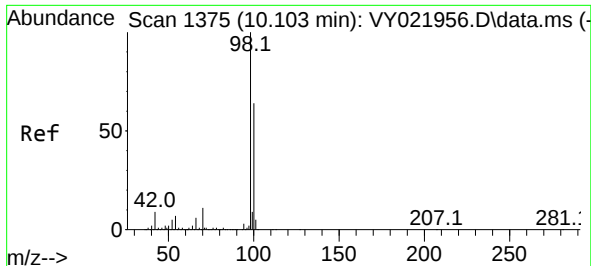
Tgt Ion:114 Resp: 578464
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.4
88 14.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 51.848 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

Tgt Ion:113 Resp: 198145
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 20.5 15.6 23.4

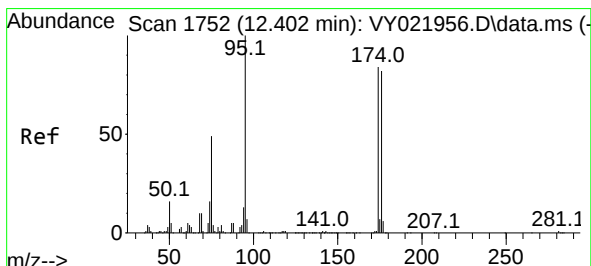
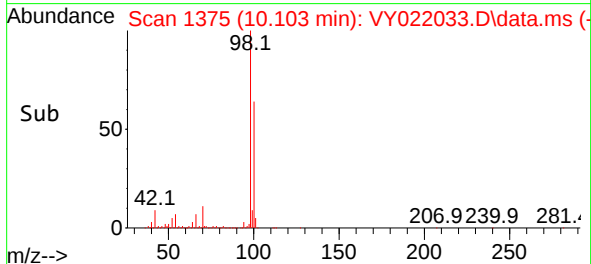
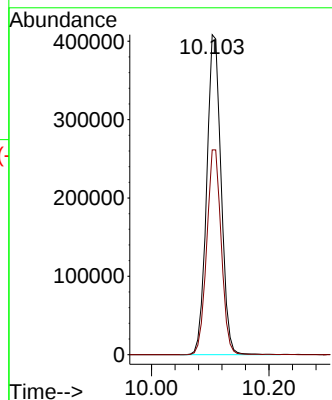
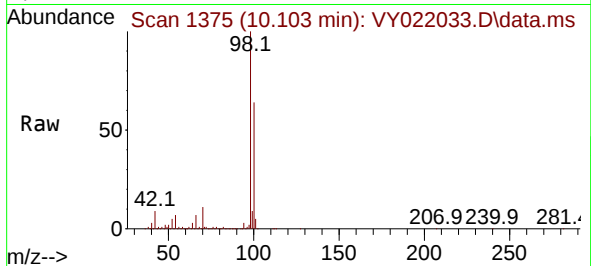




#50
Toluene-d8
Concen: 48.205 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

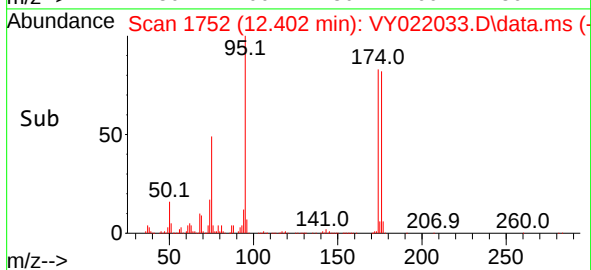
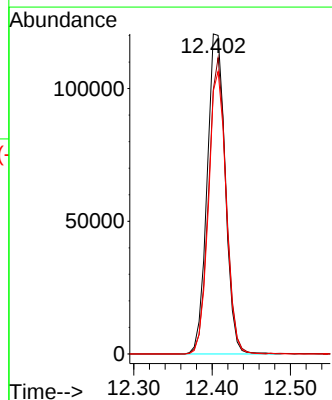
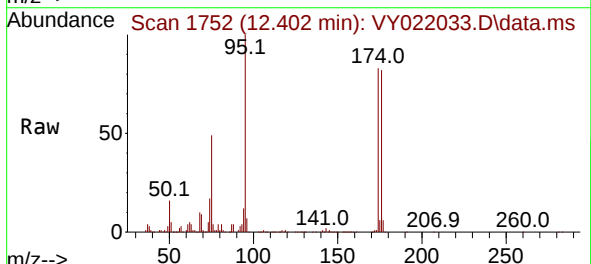
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

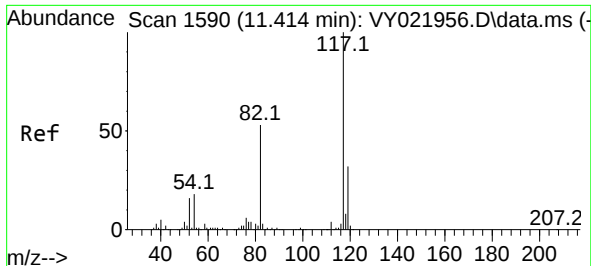
Tgt Ion: 98 Resp: 694512
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.790 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

Tgt Ion: 95 Resp: 192989
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.0
176 86.1 0.0 171.8

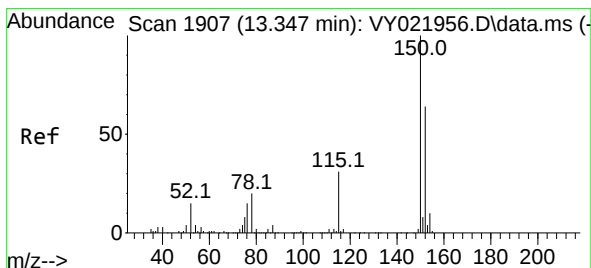
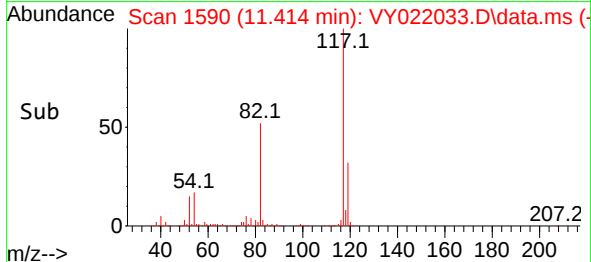
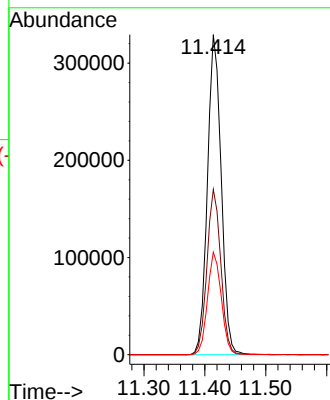
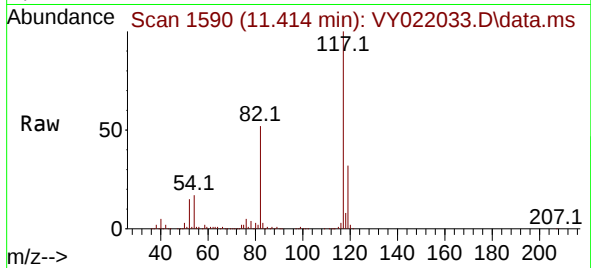




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 516589
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022033.D
Acq: 28 Apr 2025 15:52

Tgt Ion:152 Resp: 194154
Ion Ratio Lower Upper
152 100
115 57.3 28.0 84.0
150 156.9 0.0 345.6

