

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021810.D
 Acq On : 09 Apr 2025 11:43
 Operator : SY/MD
 Sample : Q1742-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-040725

Quant Time: Apr 09 13:55:15 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	7.719	168	50002	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	73868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	53469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	15049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	24676	45.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.100%
35) Dibromofluoromethane	7.640	113	26974	56.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.580%
50) Toluene-d8	10.115	98	84012	46.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.180%
62) 4-Bromofluorobenzene	12.414	95	17662	28.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.280%

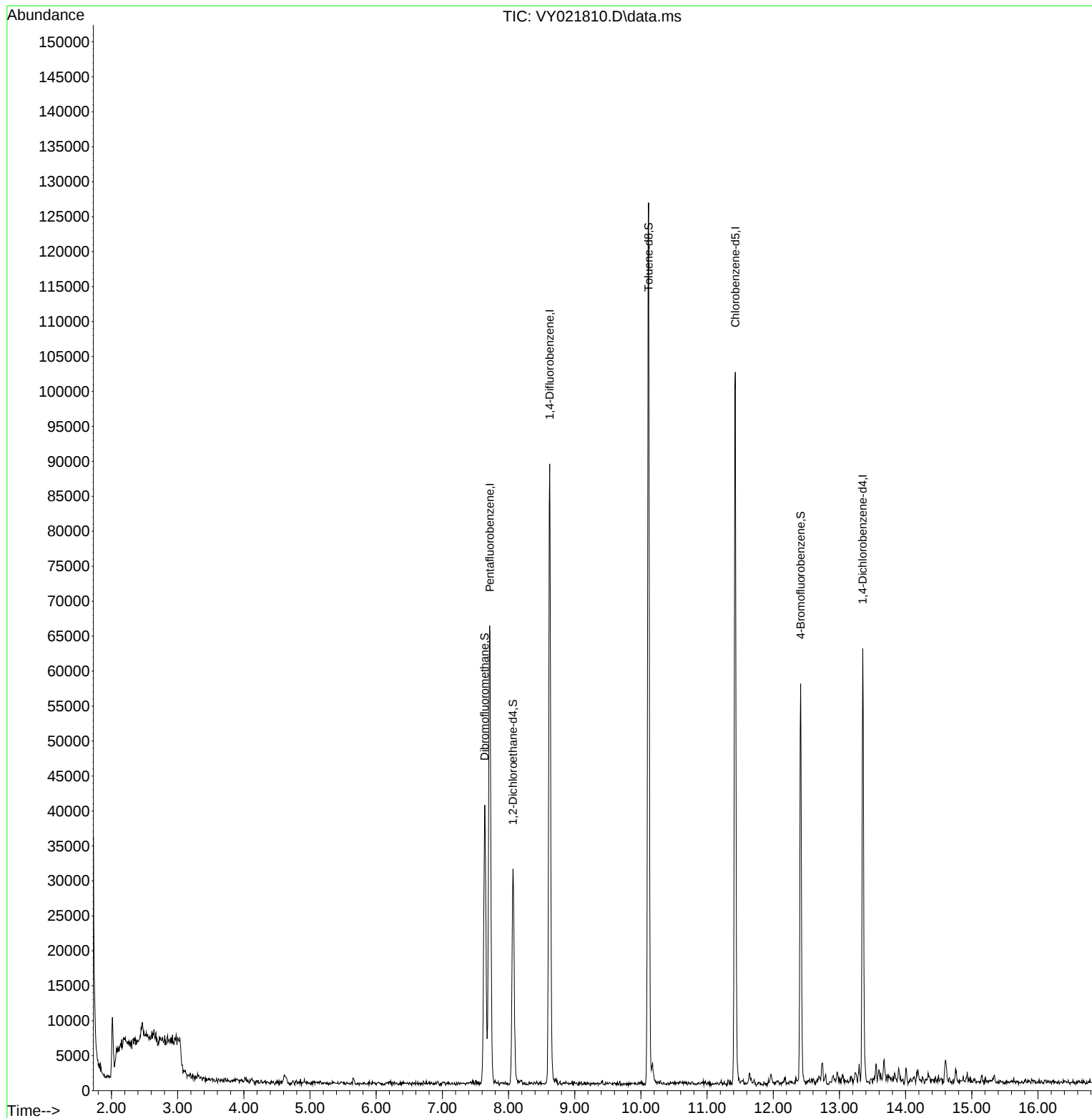
Target Compounds	Qvalue

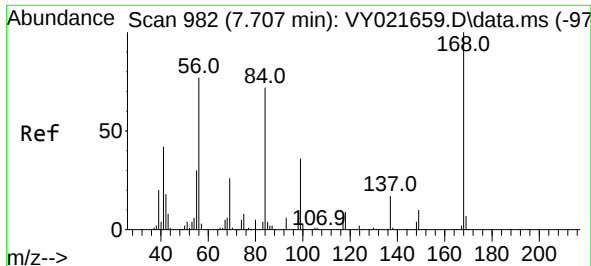
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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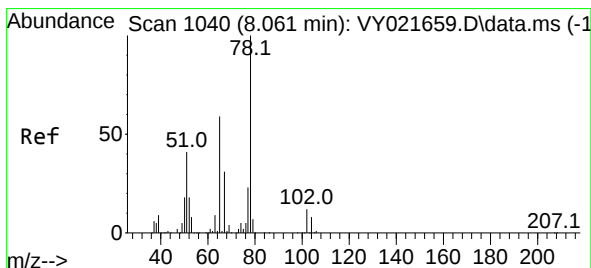
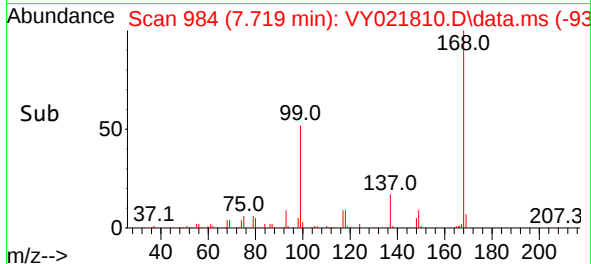
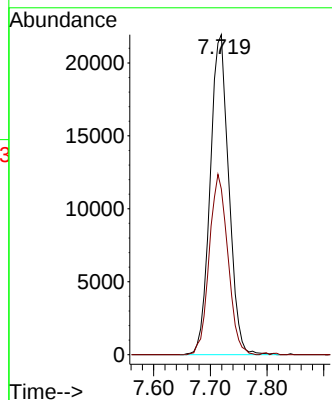
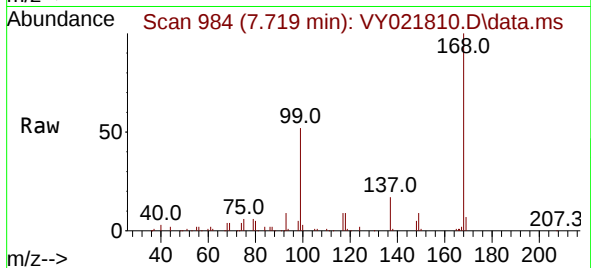




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

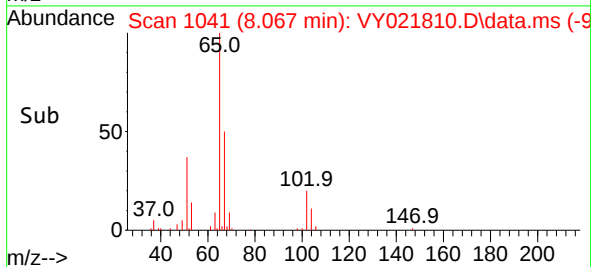
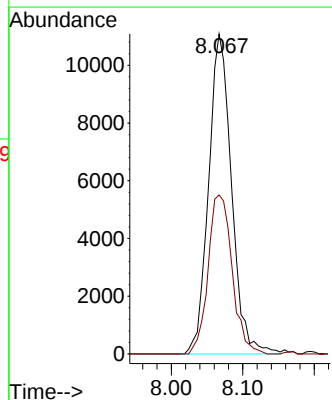
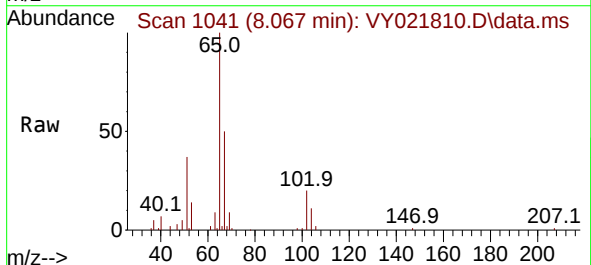
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-040725

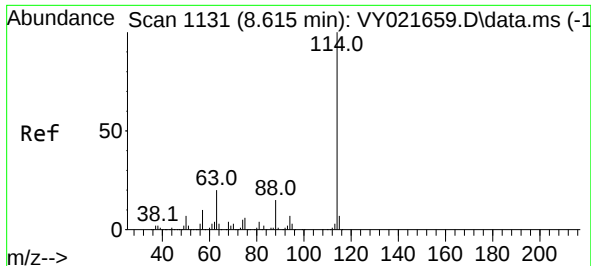
Tgt Ion:168 Resp: 50002
Ion Ratio Lower Upper
168 100
99 51.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 45.548 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

Tgt Ion: 65 Resp: 24676
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6

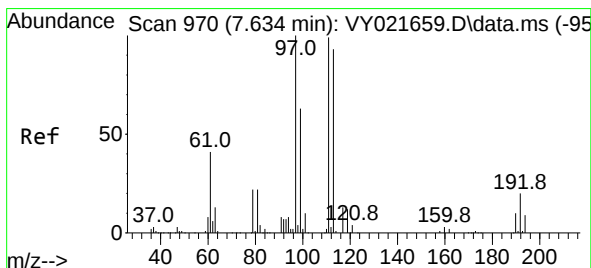
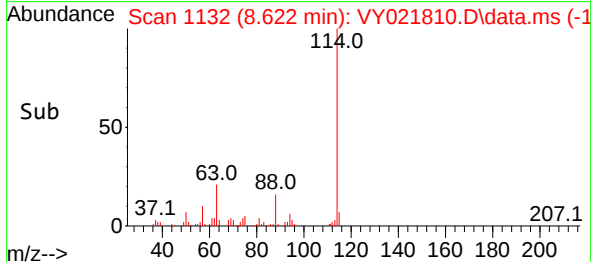
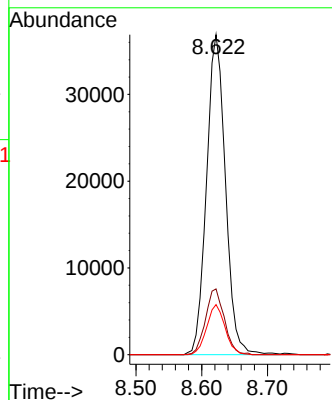
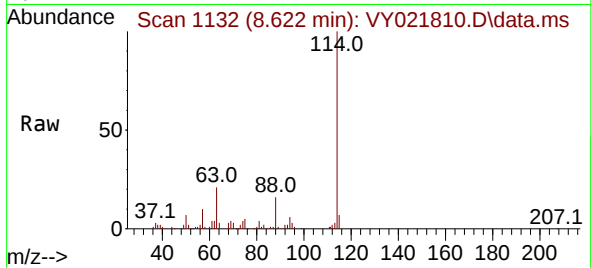




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

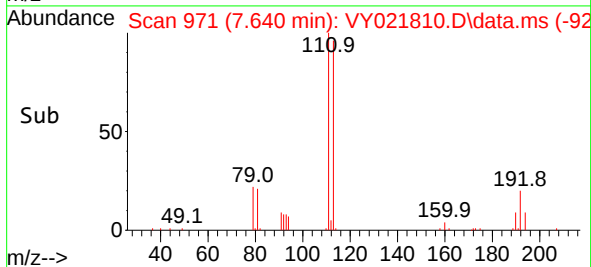
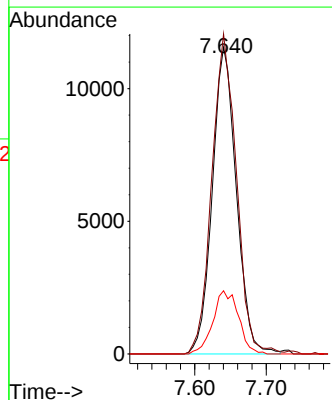
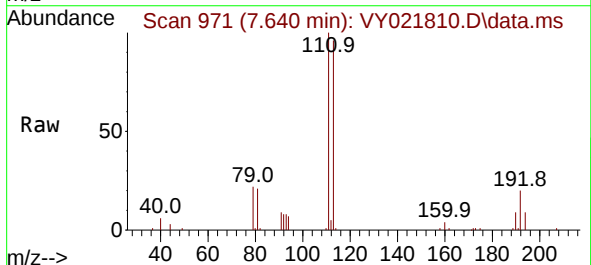
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ClientSampleId :
TR-06-040725

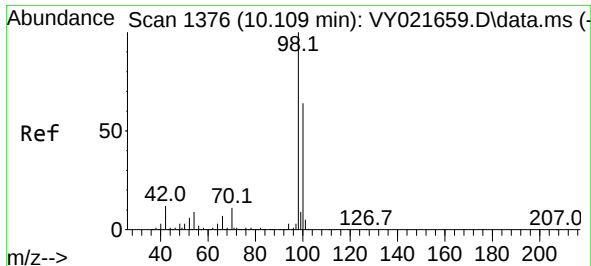
Tgt Ion:	114	Resp:	73868
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	40.2
88	15.6	0.0	29.8



#35
Dibromofluoromethane
Concen: 56.293 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

Tgt Ion:	113	Resp:	26974
Ion Ratio	Lower	Upper	
113	100		
111	106.4	82.6	123.8
192	22.0	16.2	24.4

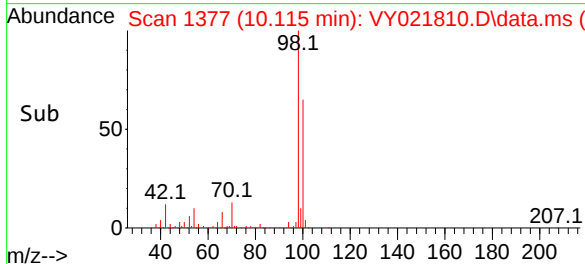
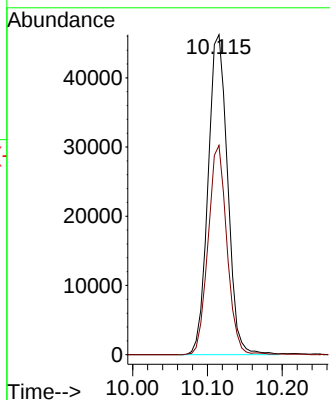
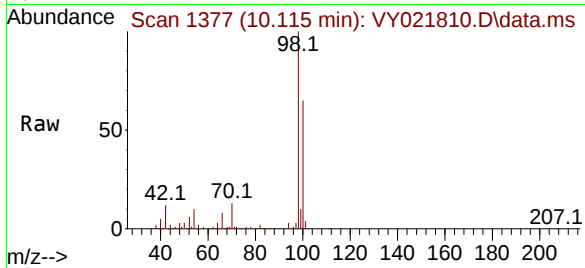




#50
Toluene-d8
Concen: 46.087 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

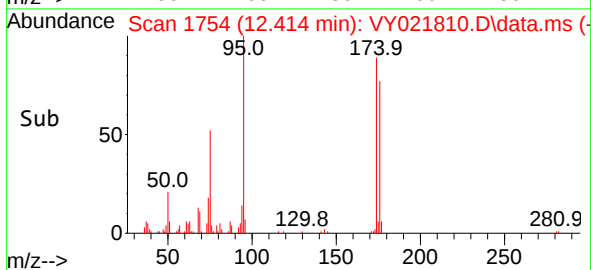
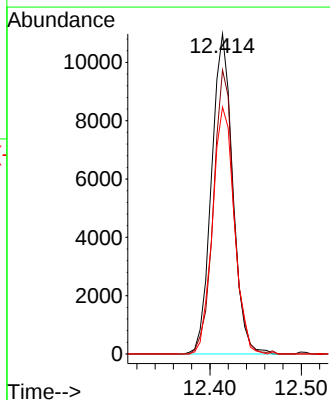
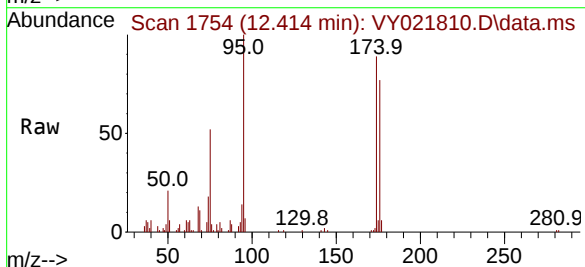
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-040725

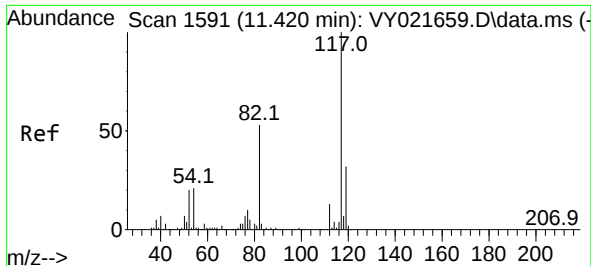
Tgt Ion: 98 Resp: 84012
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 28.645 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

Tgt Ion: 95 Resp: 17662
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.8
176 79.4 0.0 162.0

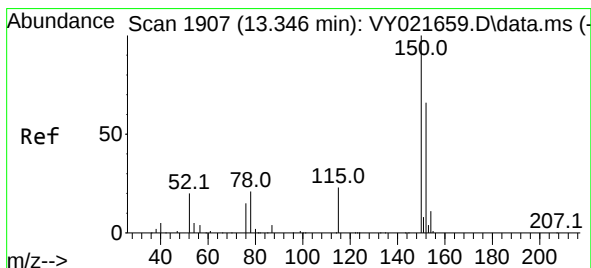
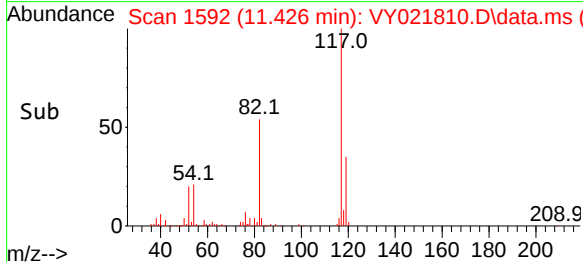
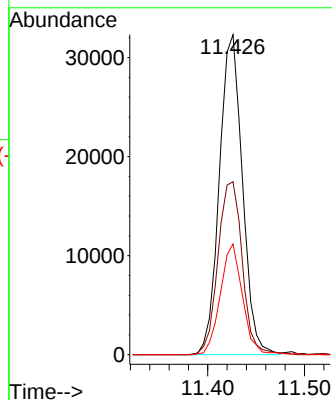
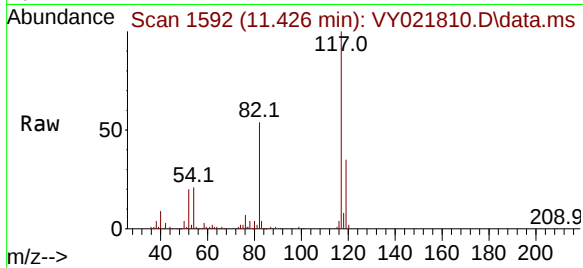




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-040725

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.8	64.2
119	34.6	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021810.D
Acq: 09 Apr 2025 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.8	86.5
150	157.7	0.0	348.4

