

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021465.D
 Acq On : 07 Mar 2025 16:49
 Operator : SY/MD
 Sample : Q1515-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-030625-E2

Quant Time: Mar 07 22:02:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

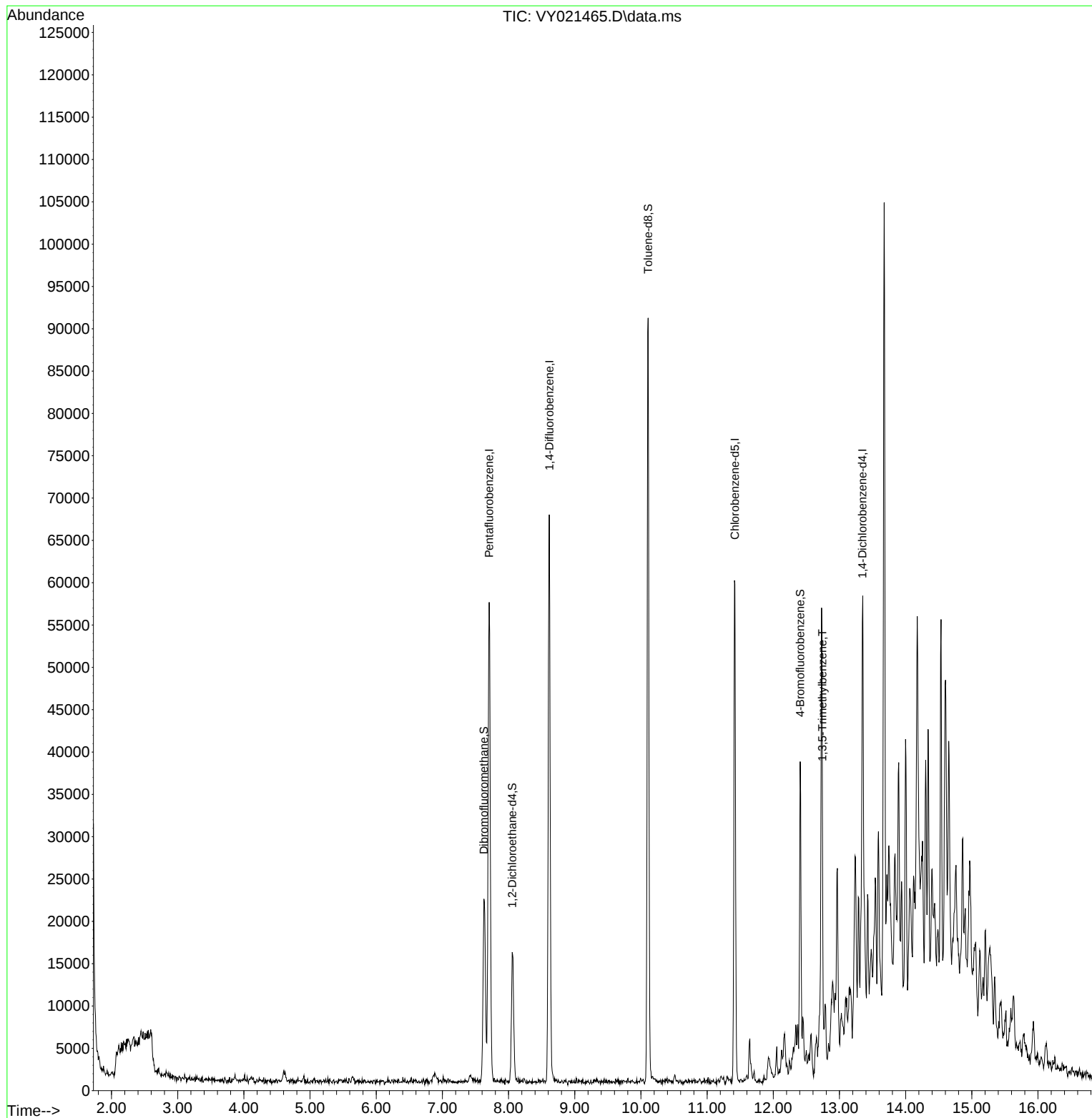
Internal Standards						
1) Pentafluorobenzene	7.707	168	43006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	54423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	31680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	12992	28.582	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.160%
35) Dibromofluoromethane	7.628	113	15780	44.111	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.220%
50) Toluene-d8	10.109	98	57934	42.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.540%
62) 4-Bromofluorobenzene	12.407	95	10624	23.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.120%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.743	105	3004	4.678	ug/l	Qvalue 97

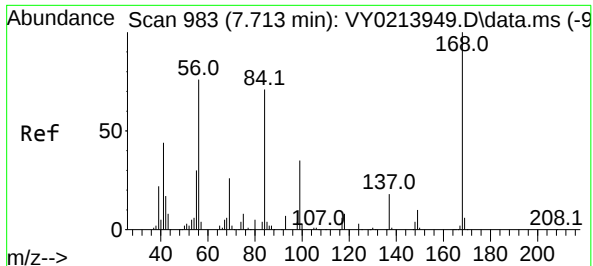
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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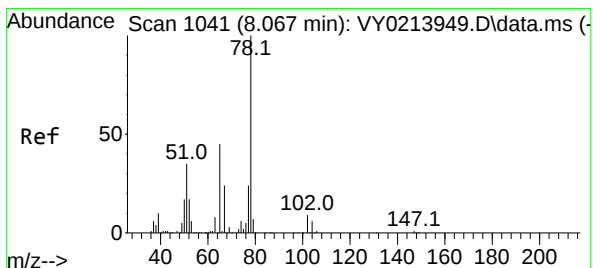
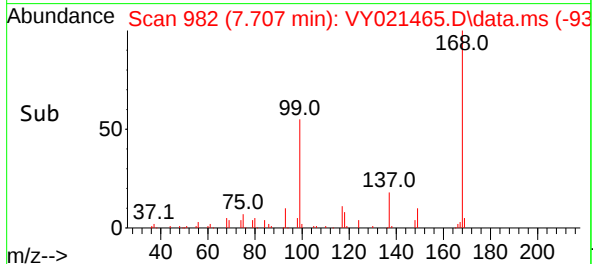
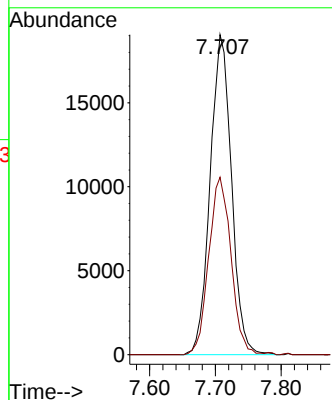
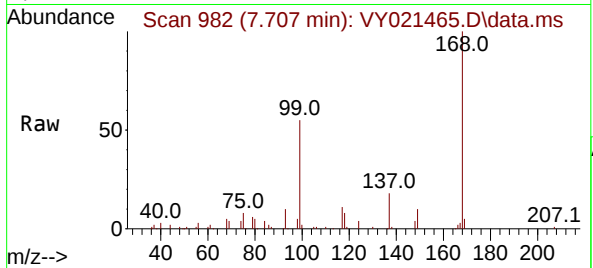




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

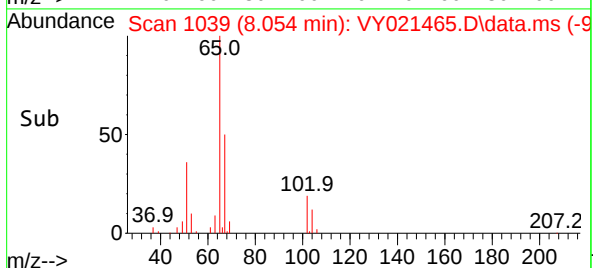
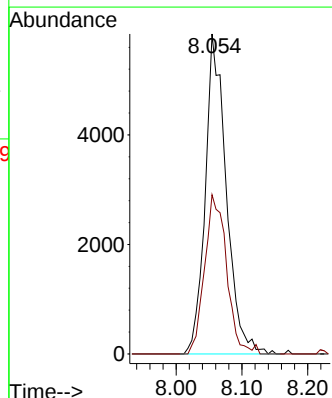
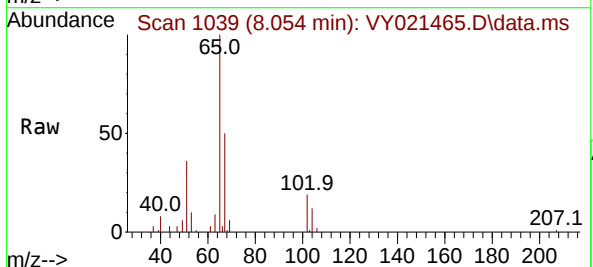
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

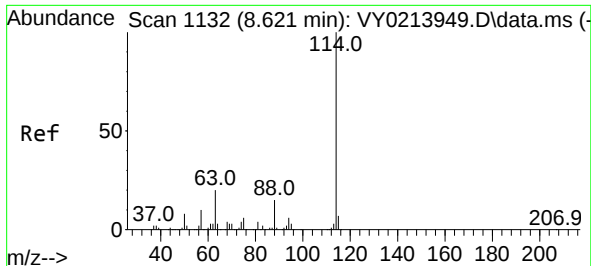
Tgt Ion:168 Resp: 43006
Ion Ratio Lower Upper
168 100
99 55.4 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 28.582 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

Tgt Ion: 65 Resp: 12992
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

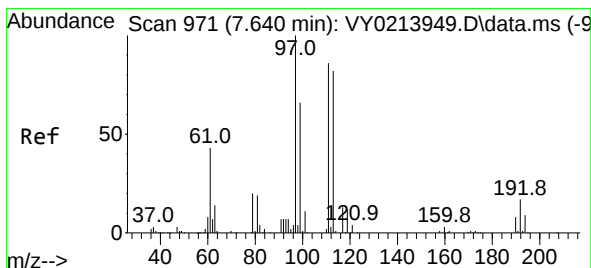
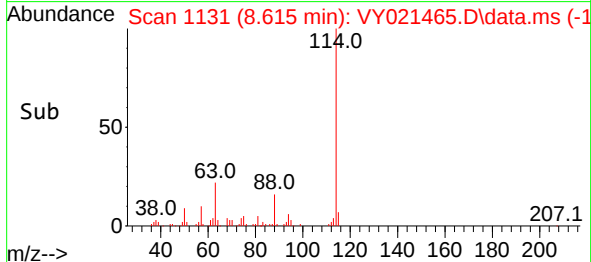
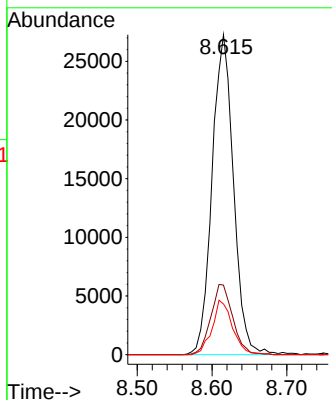
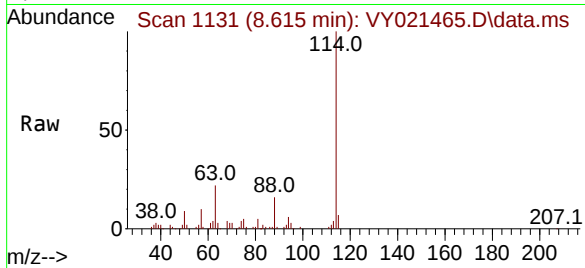




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

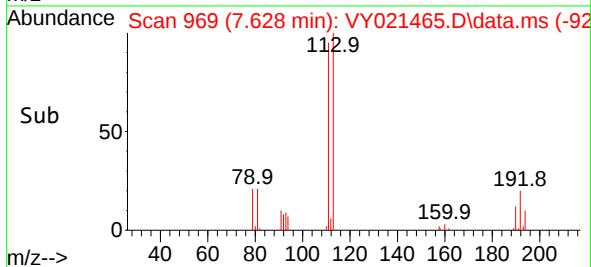
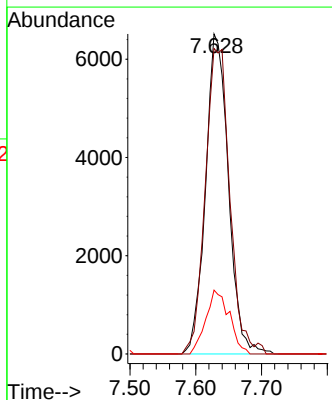
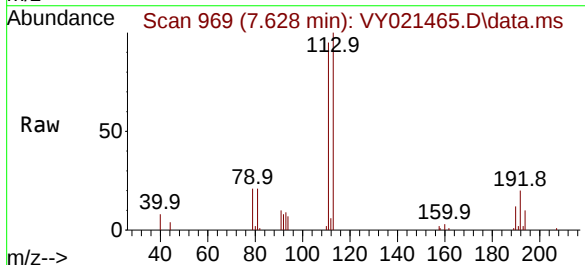
Instrument :
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ClientSampleId :
AU-06-030625-E2

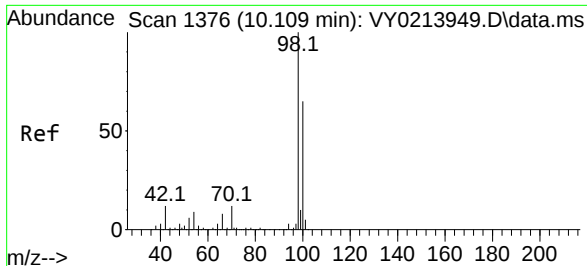
Tgt Ion:114	Resp:	54423
Ion Ratio	Lower	Upper
114	100	
63	21.7	0.0 40.8
88	15.9	0.0 30.8



#35
Dibromofluoromethane
Concen: 44.111 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

Tgt Ion:113	Resp:	15780
Ion Ratio	Lower	Upper
113	100	
111	102.4	82.0 123.0
192	20.5	15.9 23.9

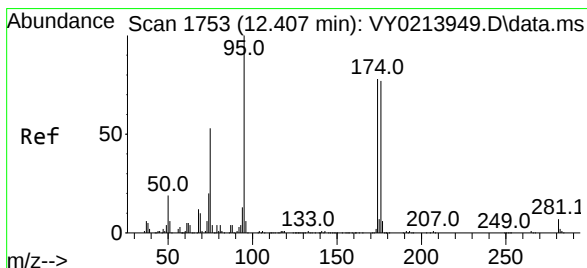
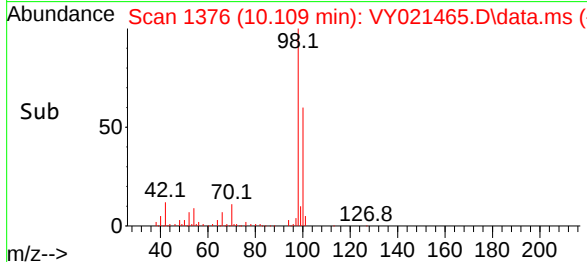
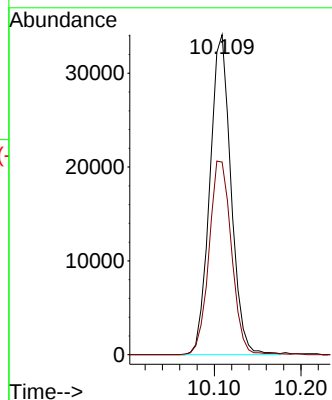
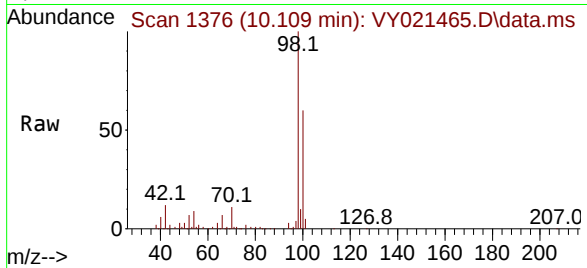




#50
Toluene-d8
Concen: 42.772 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

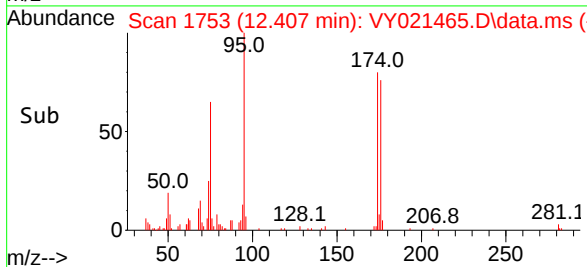
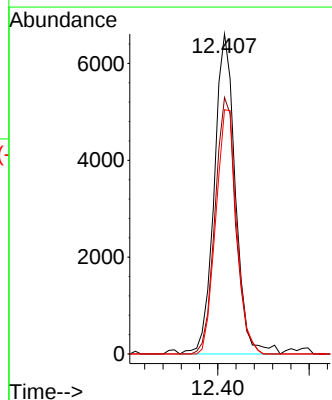
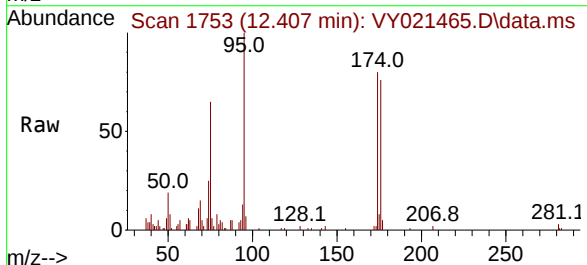
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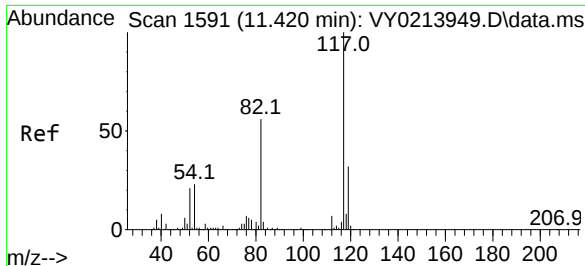
Tgt Ion: 98 Resp: 57934
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 23.059 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

Tgt Ion: 95 Resp: 10624
Ion Ratio Lower Upper
95 100
174 78.4 0.0 165.0
176 75.6 0.0 160.0

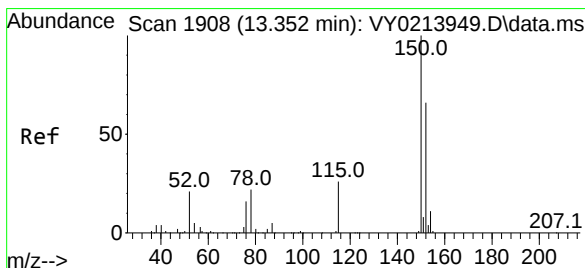
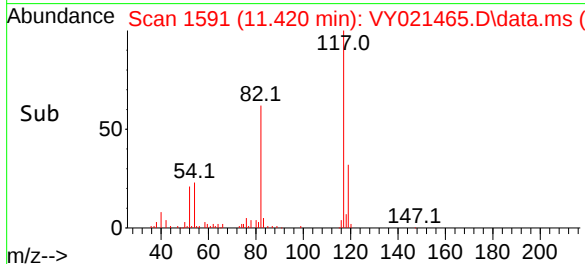
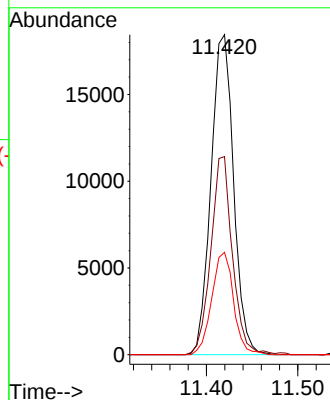
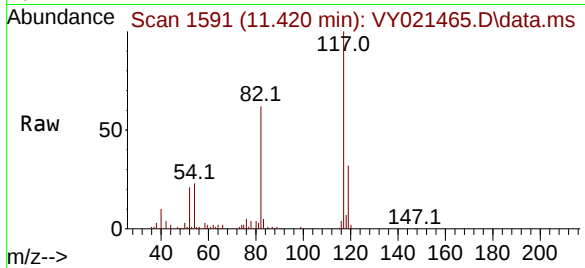




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

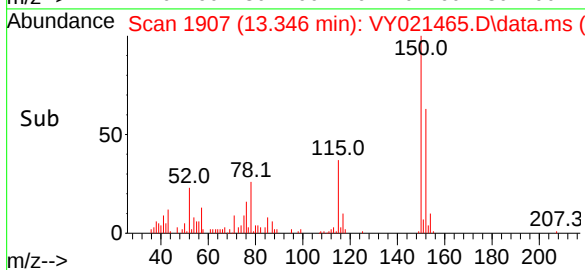
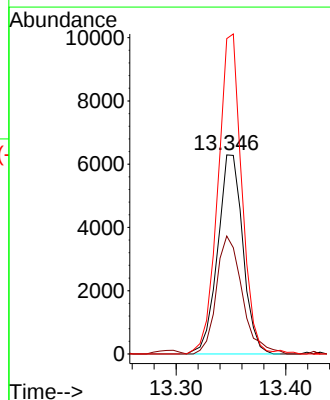
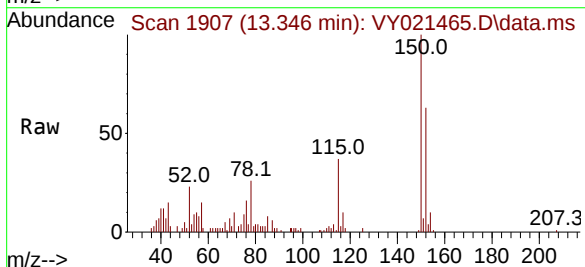
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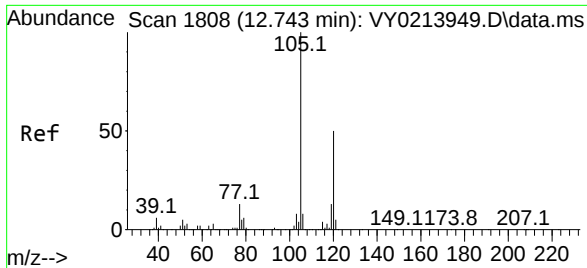
Tgt Ion:	117	Resp:	31680
Ion Ratio	Lower	Upper	
117	100		
82	61.9	44.6	67.0
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021465.D
Acq: 07 Mar 2025 16:49

Tgt Ion:	152	Resp:	10031
Ion Ratio	Lower	Upper	
152	100		
115	60.8	29.0	87.0
150	152.6	0.0	347.2





#80
 1,3,5-Trimethylbenzene
 Concen: 4.678 ug/l
 RT: 12.743 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021465.D
 Acq: 07 Mar 2025 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-030625-E2

Tgt Ion:105 Resp: 3004
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.6 73.6

