

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021432.D
 Acq On : 06 Mar 2025 14:15
 Operator : SY/MD
 Sample : Q1421-09
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF02-01

Quant Time: Mar 07 00:40:06 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	242960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	448371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	395078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147793	57.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.100%
35) Dibromofluoromethane	7.634	113	151523	51.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.109	98	547243	49.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.408	95	162556	42.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.640%

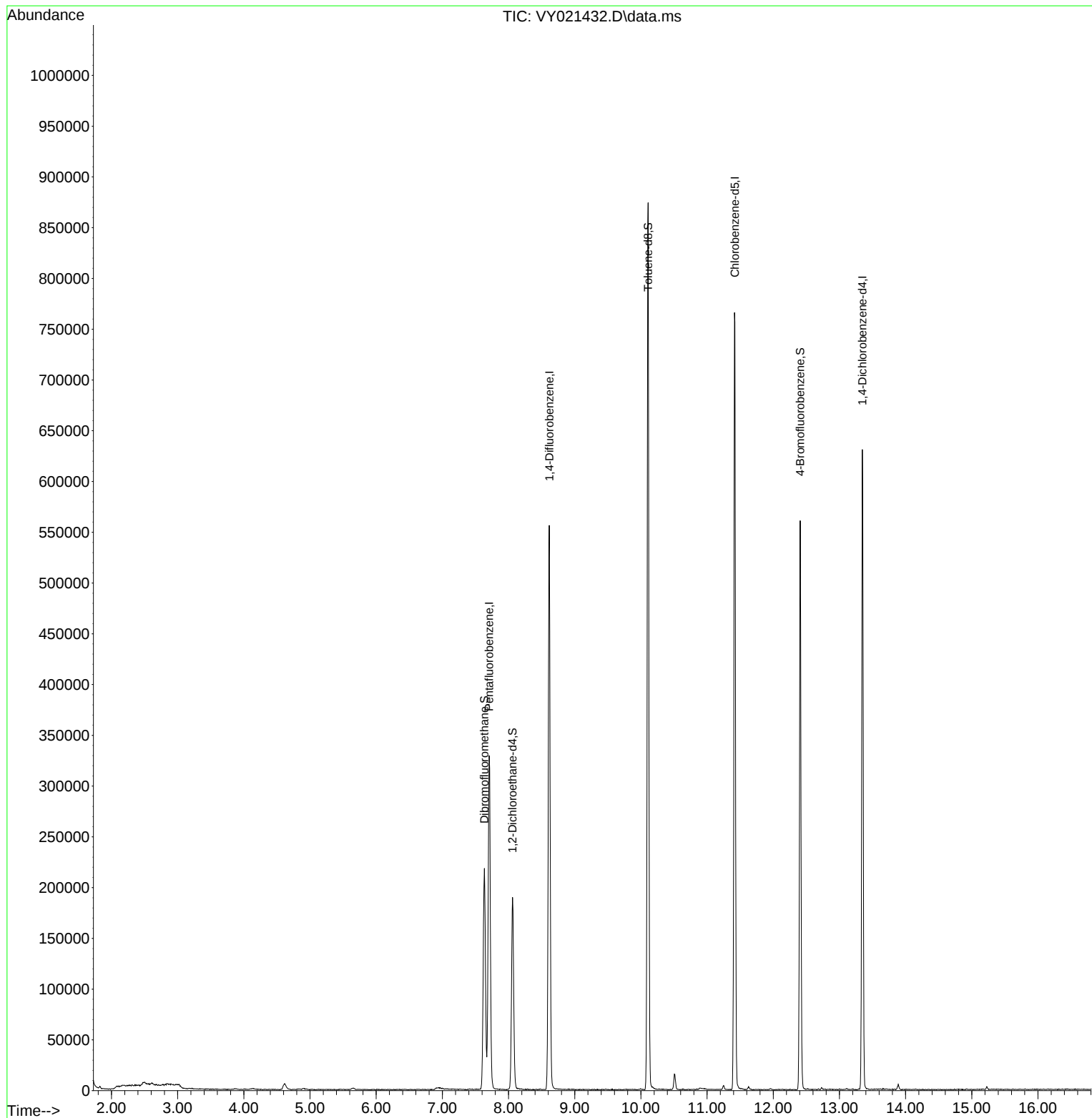
Target Compounds	Qvalue

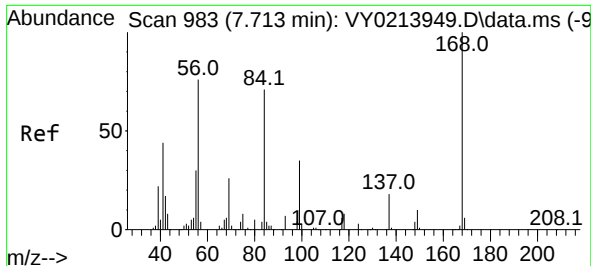
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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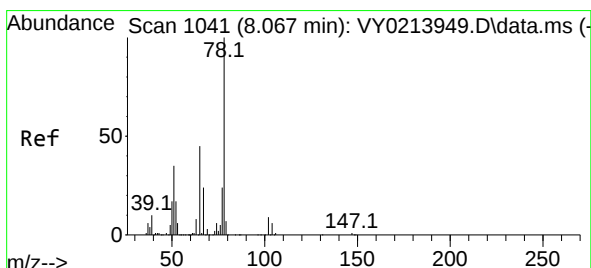
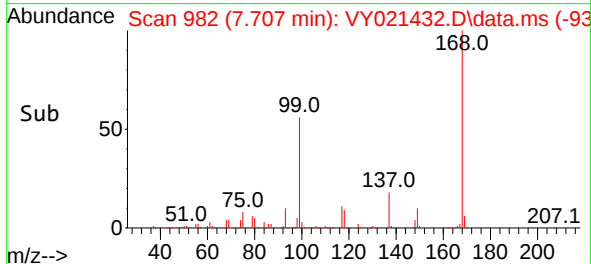
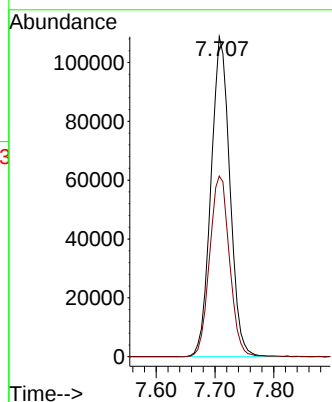
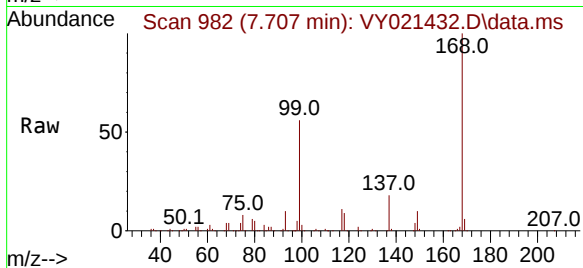




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

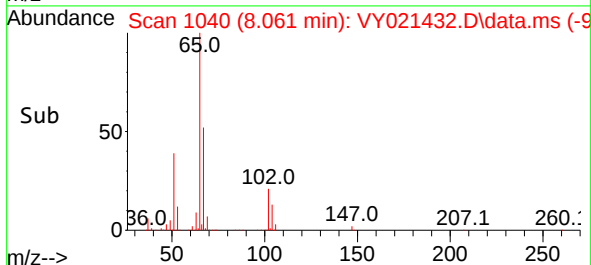
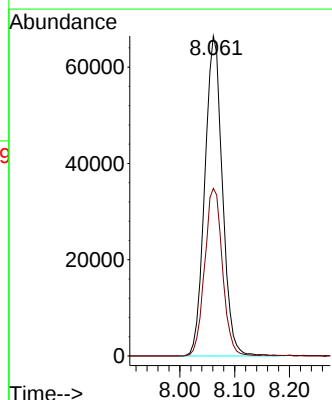
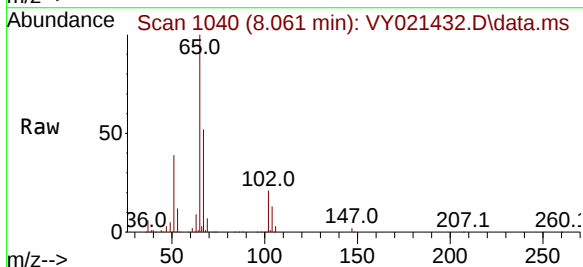
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF02-01

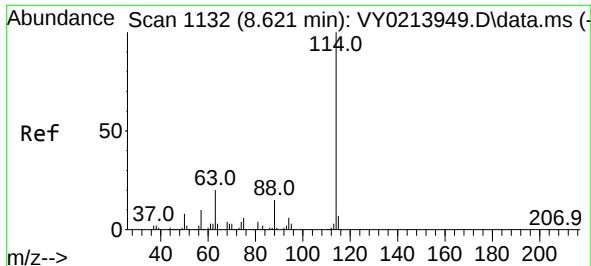
Tgt Ion:168 Resp: 242960
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 57.553 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

Tgt Ion: 65 Resp: 147793
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.8

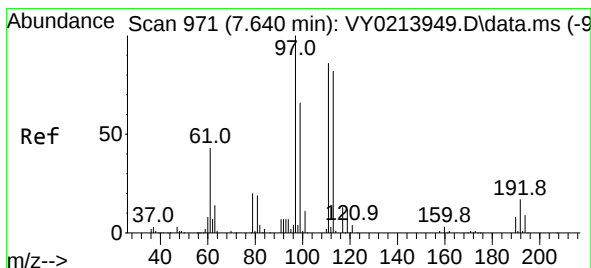
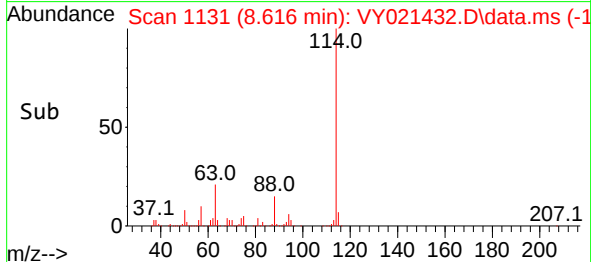
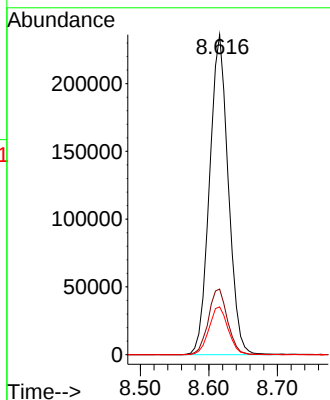
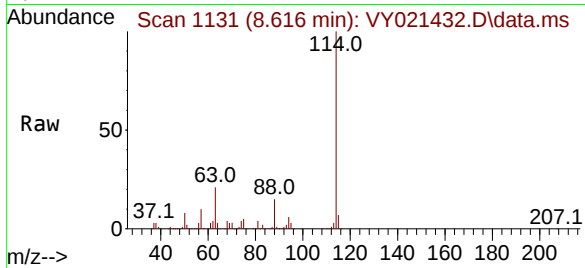




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

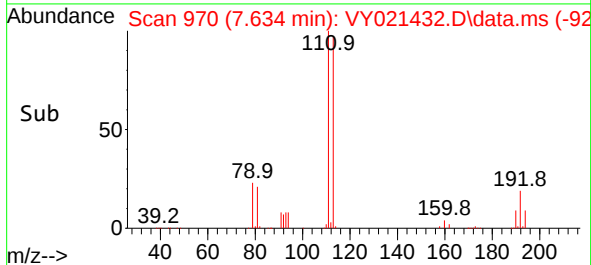
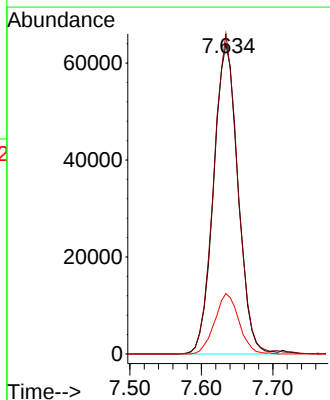
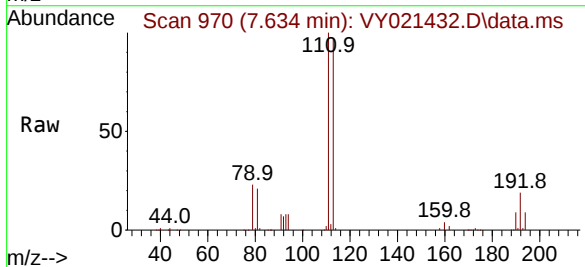
Instrument :
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ClientSampleId :
P001-CLAY-CF02-01

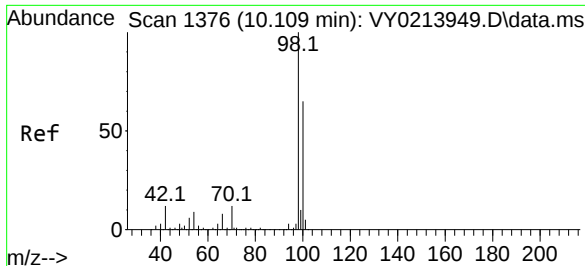
Tgt Ion:114	Resp: 448371
Ion Ratio	Lower Upper
114 100	
63 20.5	0.0 40.8
88 15.0	0.0 30.8



#35
Dibromofluoromethane
Concen: 51.412 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

Tgt	Ion:113	Resp:	151523
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	19.3	15.9	23.9

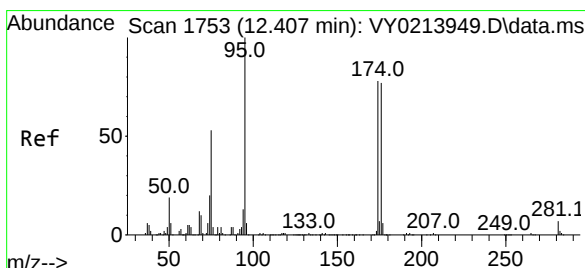
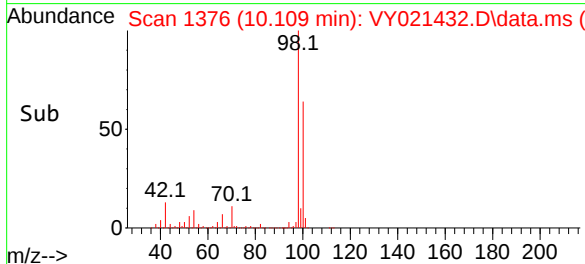
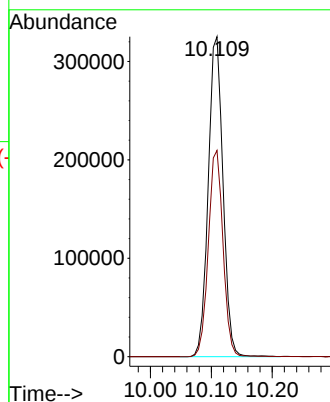
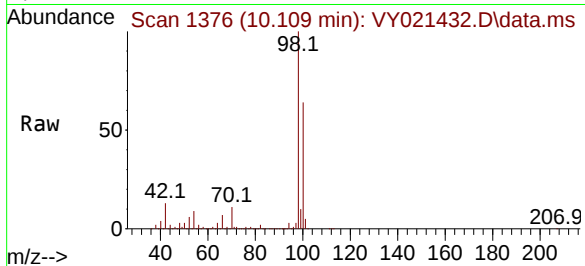




#50
Toluene-d8
Concen: 49.040 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

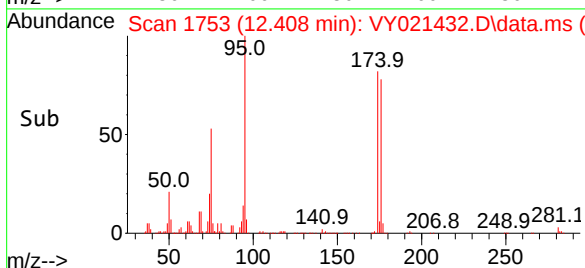
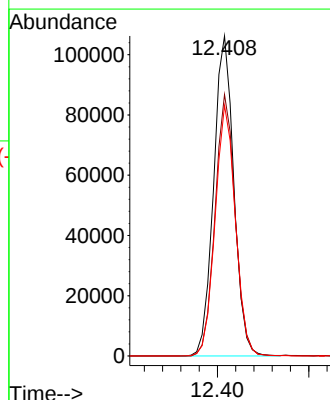
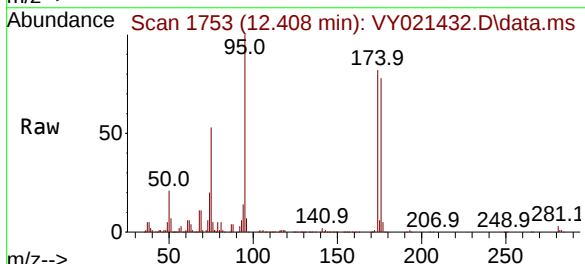
Instrument :
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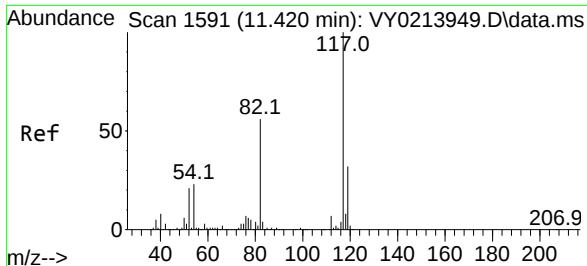
Tgt Ion: 98 Resp: 547243
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.825 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

Tgt Ion: 95 Resp: 162556
Ion Ratio Lower Upper
95 100
174 81.6 0.0 165.0
176 78.7 0.0 160.0

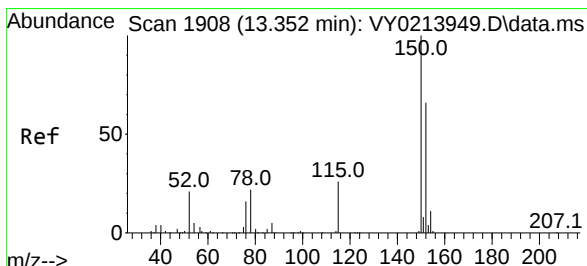
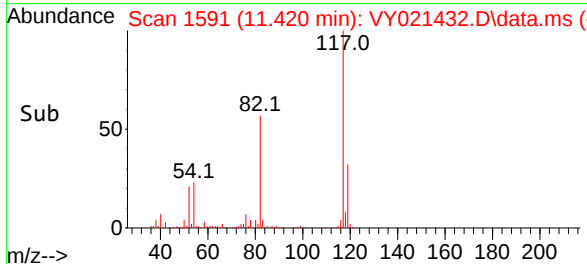
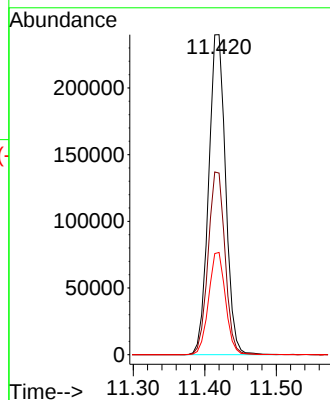
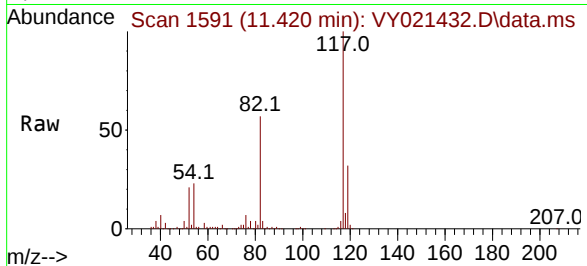




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF02-01

Tgt Ion:117 Resp: 395078
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021432.D
Acq: 06 Mar 2025 14:15

Tgt Ion:152 Resp: 150738
Ion Ratio Lower Upper
152 100
115 59.5 29.0 87.0
150 157.7 0.0 347.2

