

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021471.D
 Acq On : 07 Mar 2025 19:09
 Operator : SY/MD
 Sample : Q1490-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CLAY-SLUDGE-DRUMS

Quant Time: Mar 07 22:04:10 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	3657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	4145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1911	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	287	50.000	ug/l	#-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	1643	42.507	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.020%
35) Dibromofluoromethane	7.628	113	1394	51.164	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.320%
50) Toluene-d8	10.109	98	4089	39.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.280%
62) 4-Bromofluorobenzene	12.408	95	381	10.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.720%#

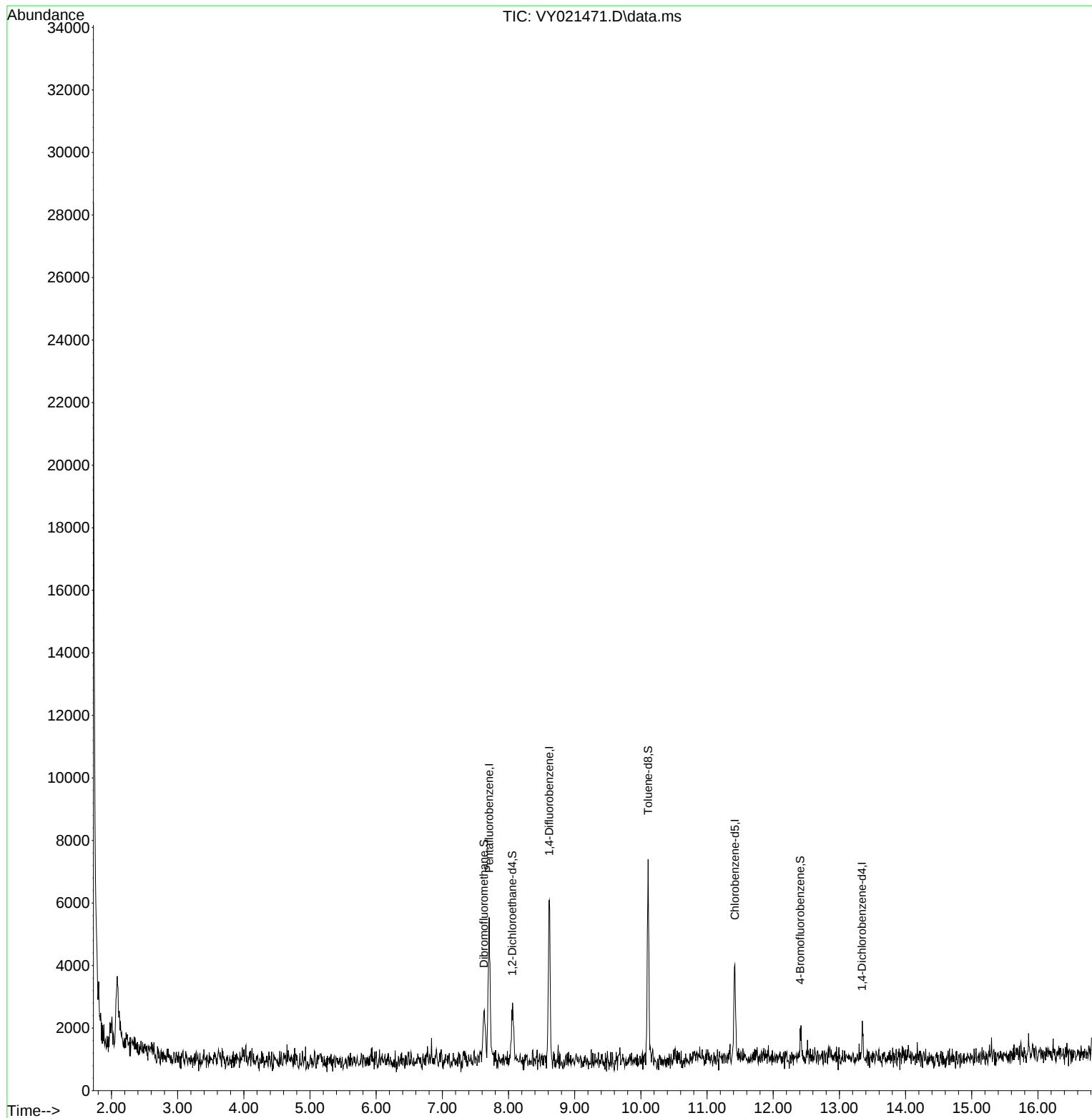
Target Compounds	Qvalue

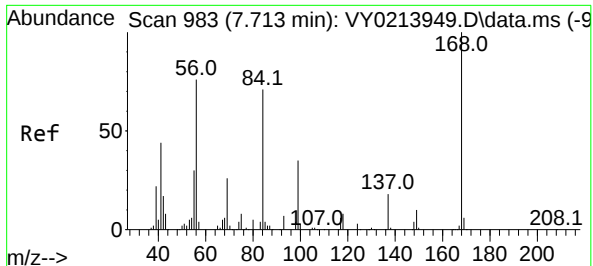
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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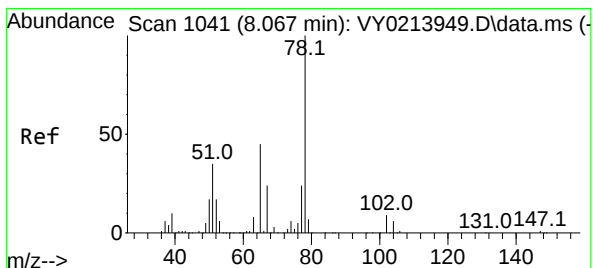
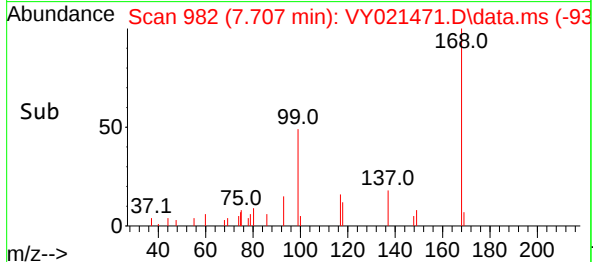
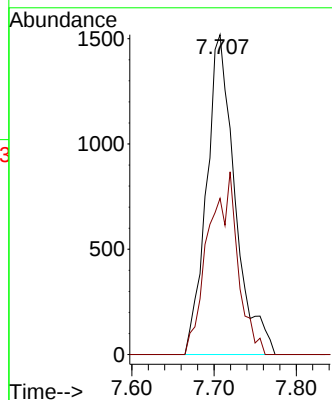
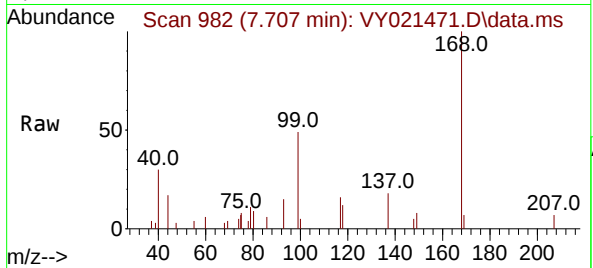




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

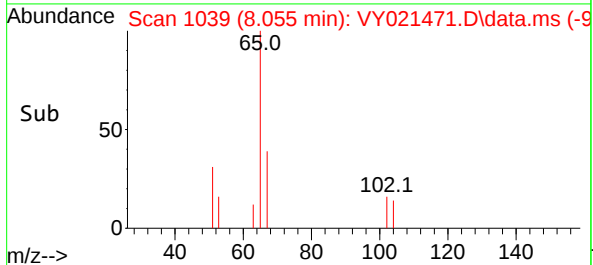
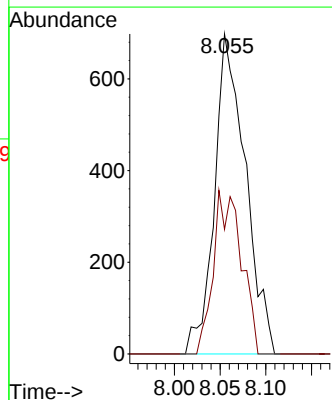
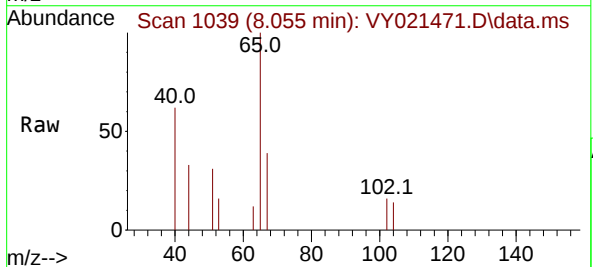
Instrument :
MSVOA_Y
ClientSampleId :
CLAY-SLUDGE-DRUMS

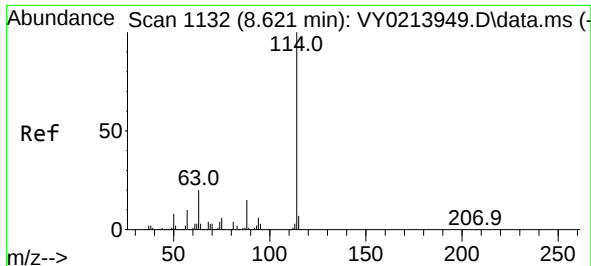
Tgt Ion:168 Resp: 3657
Ion Ratio Lower Upper
168 100
99 48.8 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 42.507 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

Tgt Ion: 65 Resp: 1643
Ion Ratio Lower Upper
65 100
67 46.1 0.0 102.8

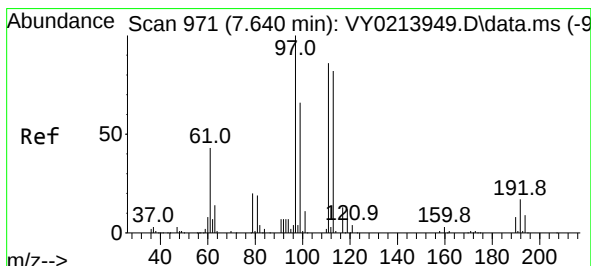
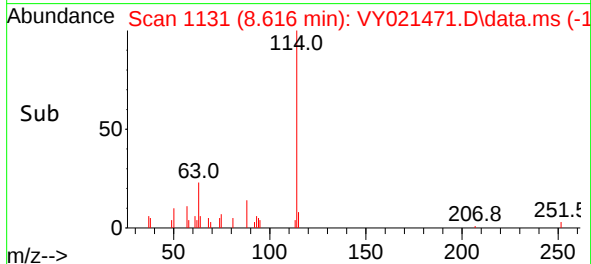
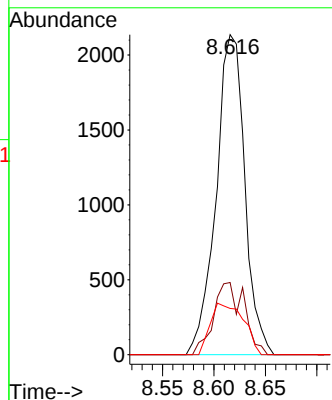
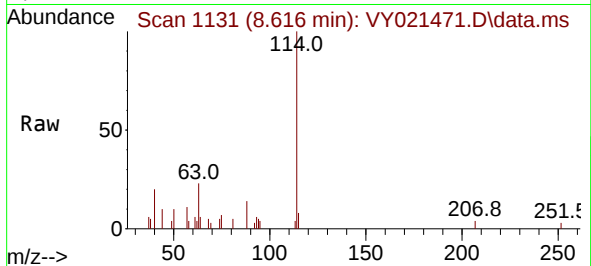




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

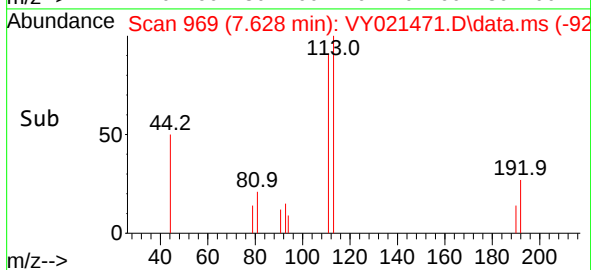
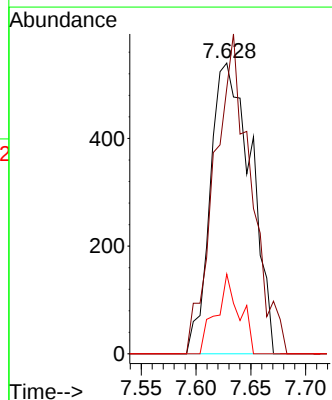
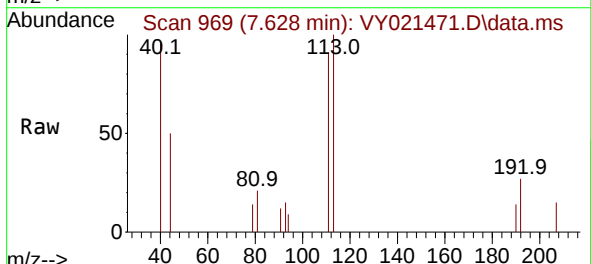
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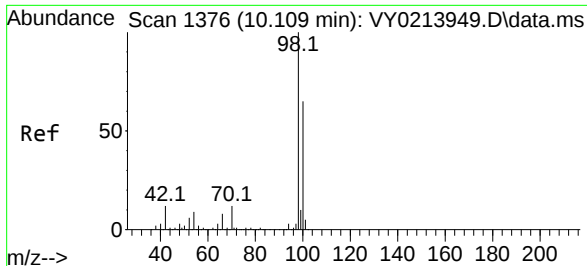
Tgt Ion:	114	Resp:	4145
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	40.8
88	14.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.164 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

Tgt Ion:	113	Resp:	1394
Ion	Ratio	Lower	Upper
113	100		
111	98.7	82.0	123.0
192	15.7	15.9	23.9#

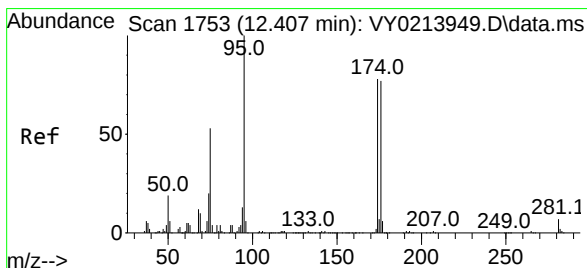
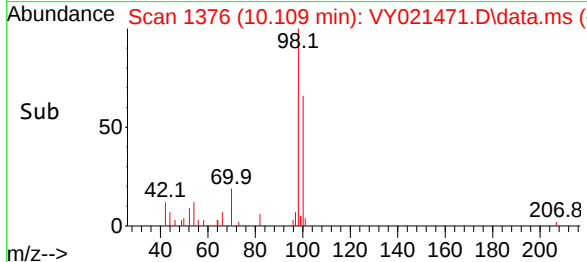
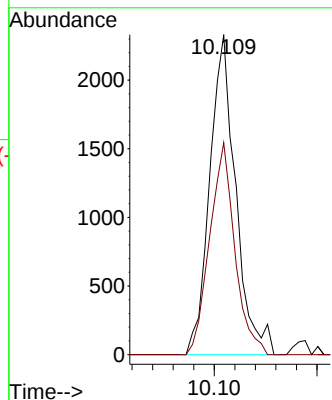
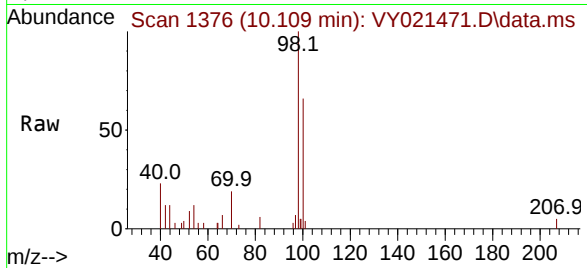




#50
Toluene-d8
Concen: 39.637 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

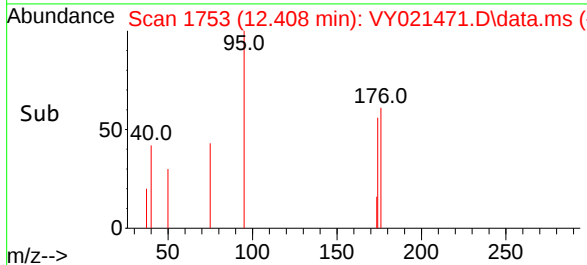
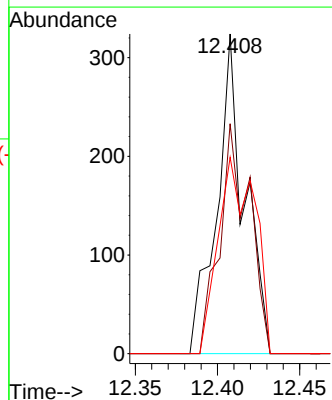
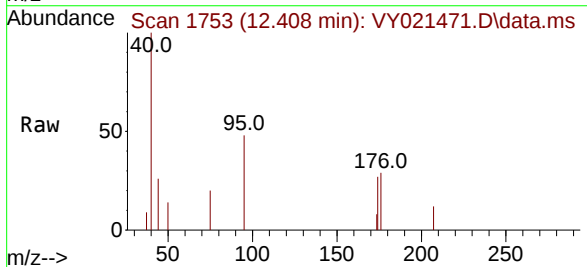
Instrument :
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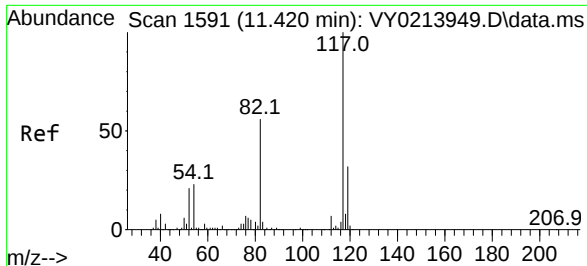
Tgt Ion: 98 Resp: 4089
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 10.857 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

Tgt Ion: 95 Resp: 381
Ion Ratio Lower Upper
95 100
174 76.4 0.0 165.0
176 80.8 0.0 160.0

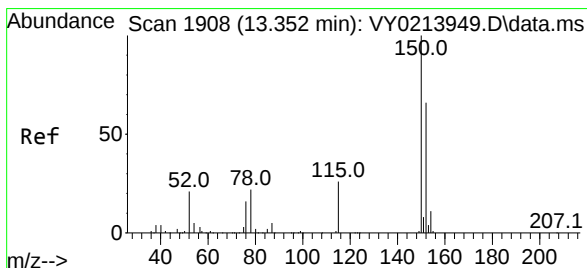
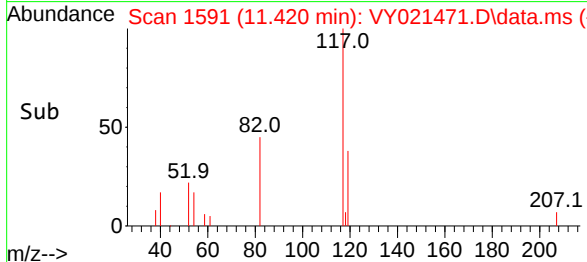
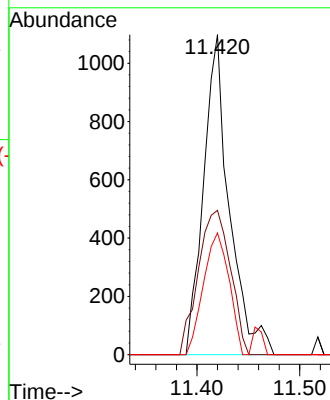
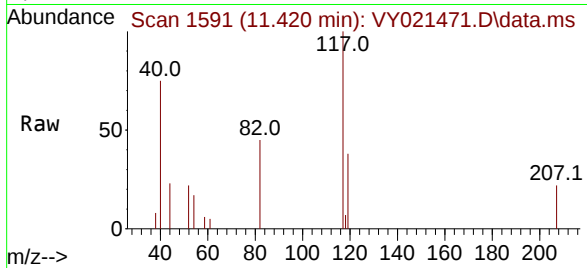




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion:117	Resp:	1911
Ion Ratio	Lower	Upper
117	100	
82	45.1	44.6 67.0
119	38.1	25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.012 min
Lab File: VY021471.D
Acq: 07 Mar 2025 19:09

Tgt Ion:152	Resp:	287
Ion Ratio	Lower	Upper
152	100	
115	19.2	29.0 87.0#
150	150.2	0.0 347.2

