

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021509.D
 Acq On : 12 Mar 2025 15:10
 Operator : SY/MD
 Sample : Q1490-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CLAY-SLUDGE-DRUMS

Quant Time: Mar 12 15:23:59 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)

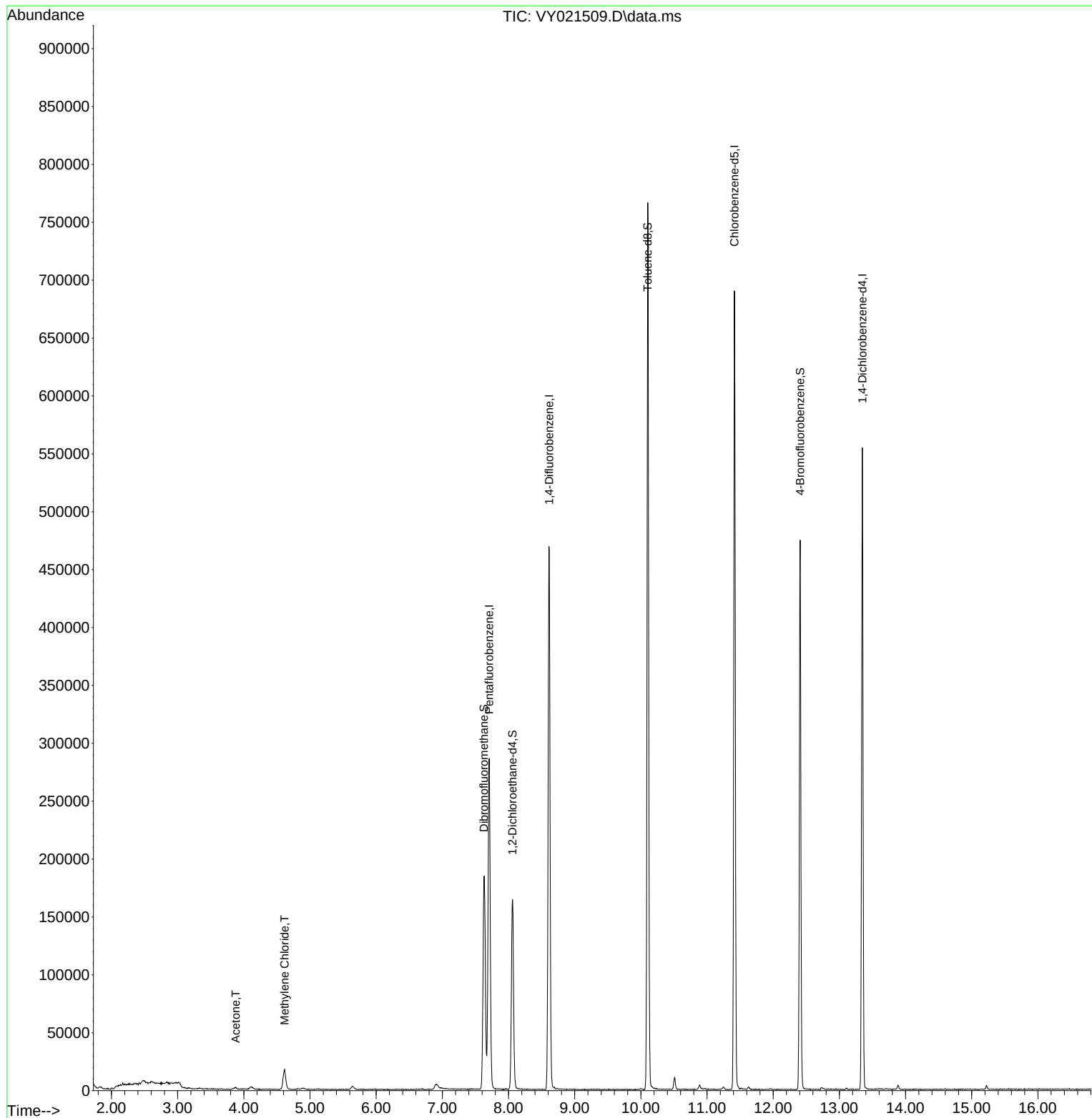
Internal Standards						
1) Pentafluorobenzene	7.707	168	210787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	386301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	343001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132661	59.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.100%
35) Dibromofluoromethane	7.628	113	131130	51.642	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.103	98	471138	49.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.408	95	140440	42.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.880%
Target Compounds						
						Qvalue
16) Acetone	3.879	43	2727	5.612	ug/l	# 88
20) Methylene Chloride	4.616	84	11130	4.363	ug/l	95

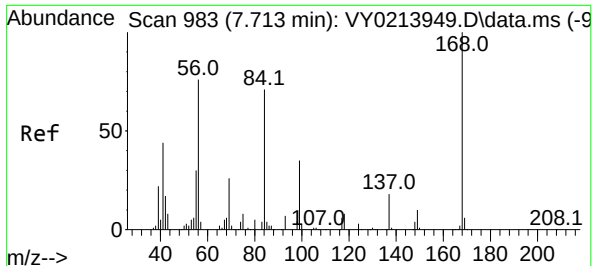
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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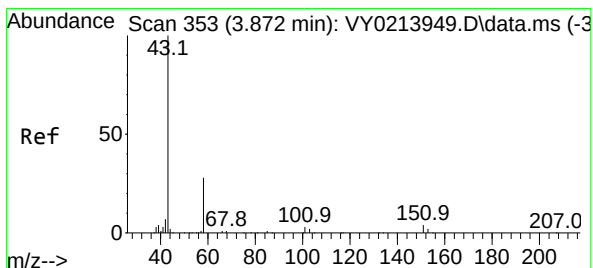
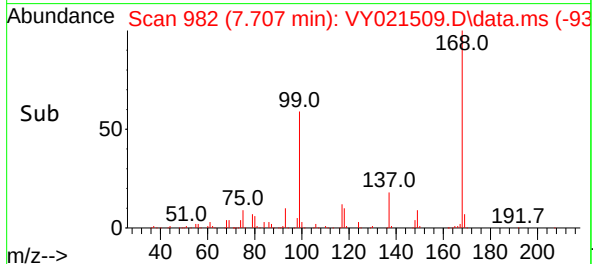
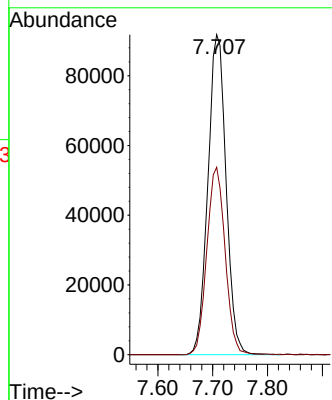
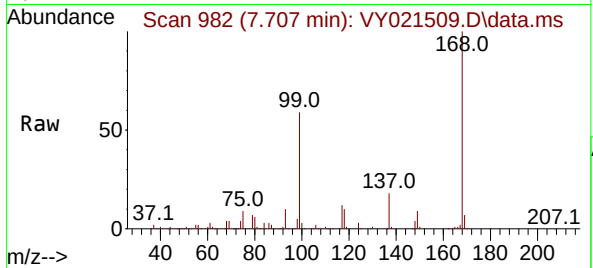




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

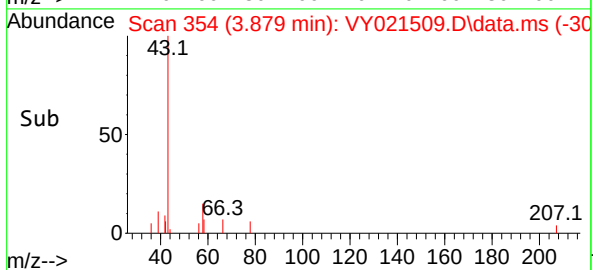
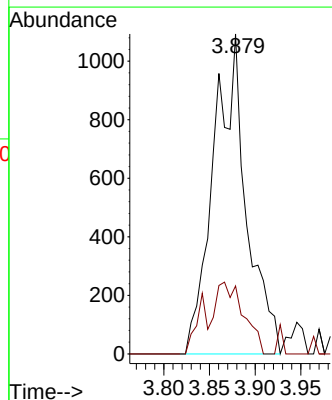
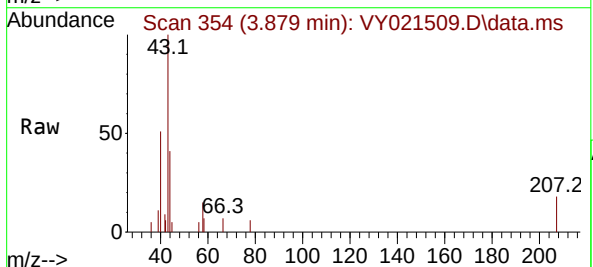
Instrument :
MSVOA_Y
ClientSampleId :
CLAY-SLUDGE-DRUMS

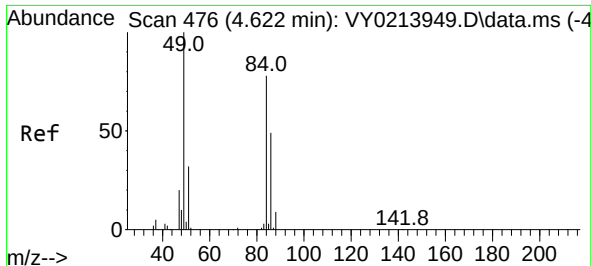
Tgt Ion:168 Resp: 210787
Ion Ratio Lower Upper
168 100
99 58.6 46.0 69.0



#16
Acetone
Concen: 5.612 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

Tgt Ion: 43 Resp: 2727
Ion Ratio Lower Upper
43 100
58 21.2 22.1 33.1#

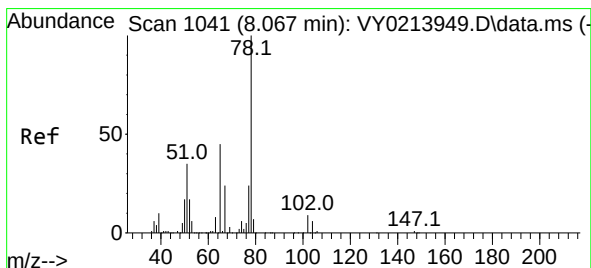
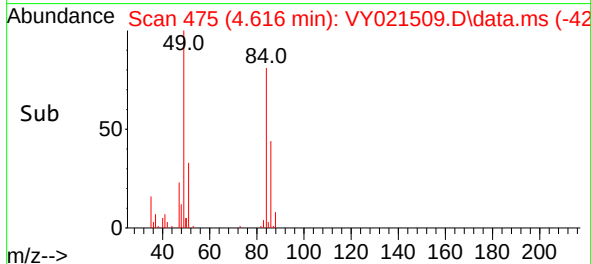
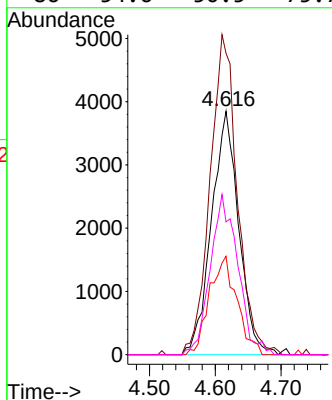
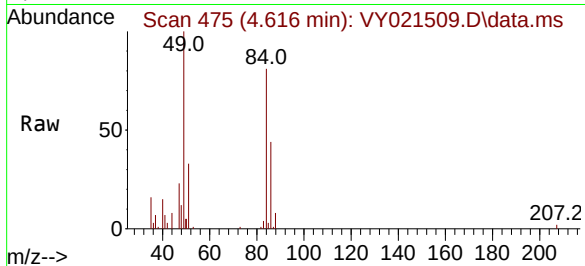




#20
Methylene Chloride
Concen: 4.363 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

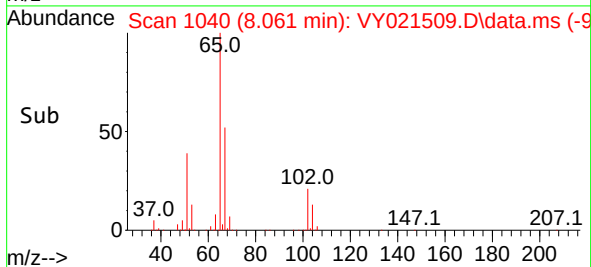
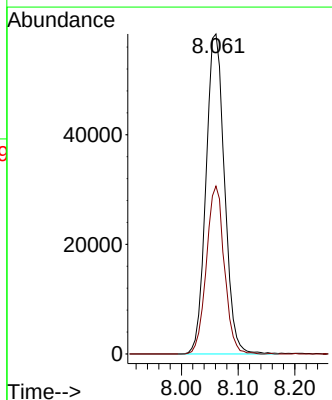
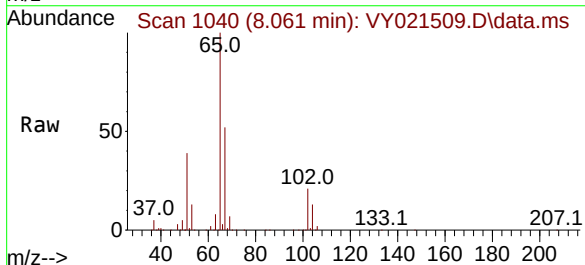
Instrument :
MSVOA_Y
ClientSampleId :
CLAY-SLUDGE-DRUMS

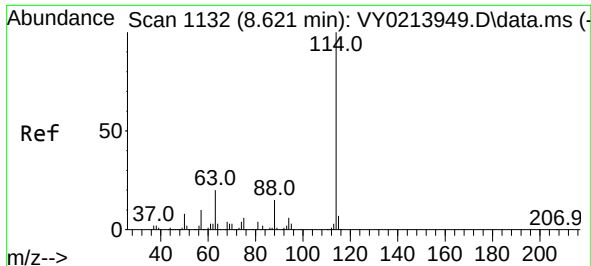
Tgt Ion:	84	Resp:	11130
Ion	Ratio	Lower	Upper
84	100		
49	123.8	102.0	153.0
51	40.4	33.0	49.6
86	54.6	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 59.546 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

Tgt Ion:	65	Resp:	132661
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.8

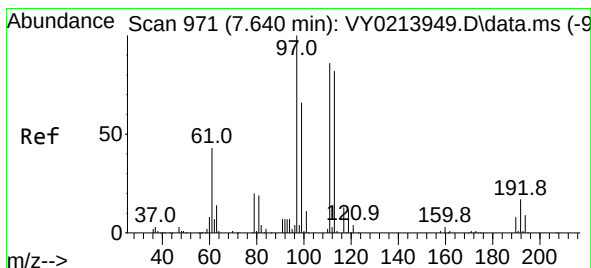
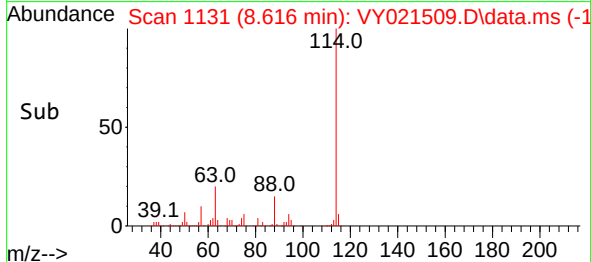
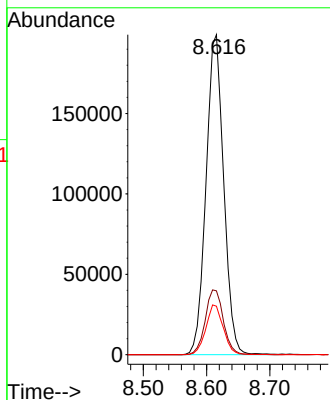
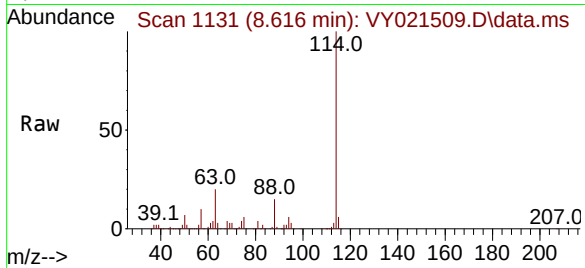




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

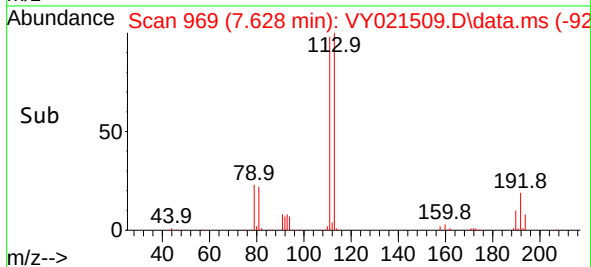
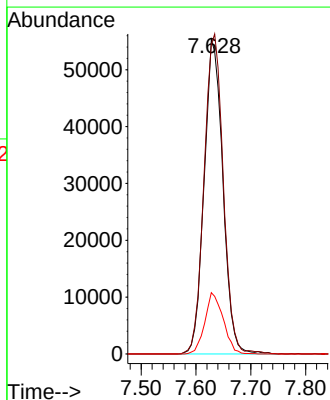
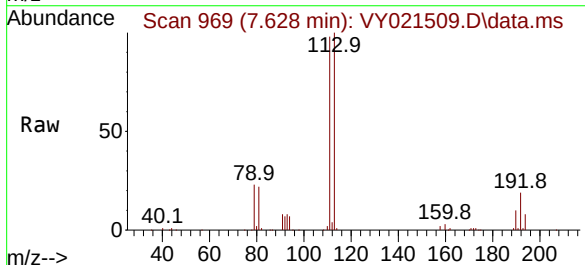
Instrument :
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ClientSampleId :
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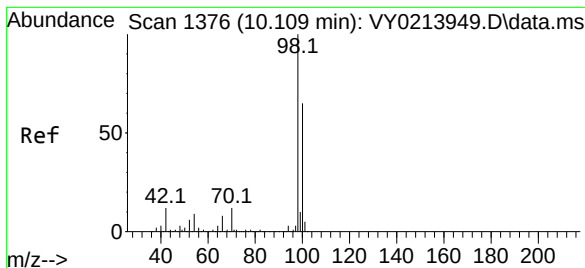
Tgt Ion:114 Resp: 386301
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.642 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

Tgt Ion:113 Resp: 131130
Ion Ratio Lower Upper
113 100
111 104.3 82.0 123.0
192 19.2 15.9 23.9

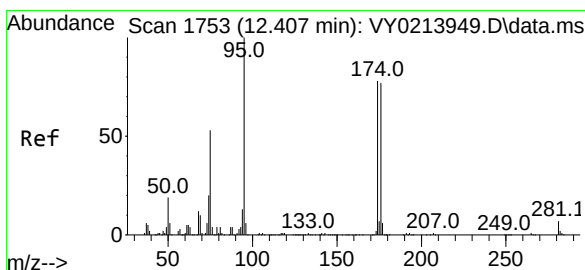
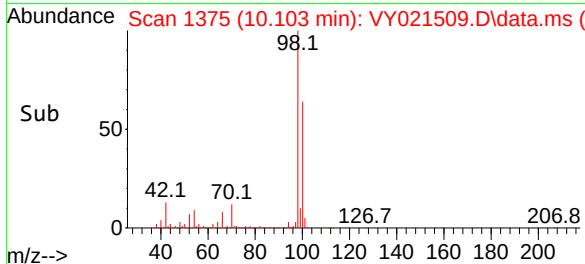
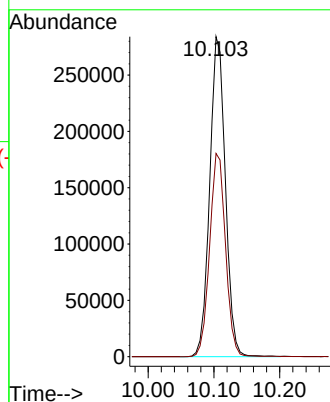
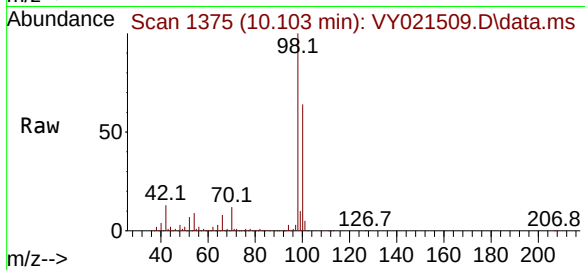




#50
Toluene-d8
Concen: 49.004 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

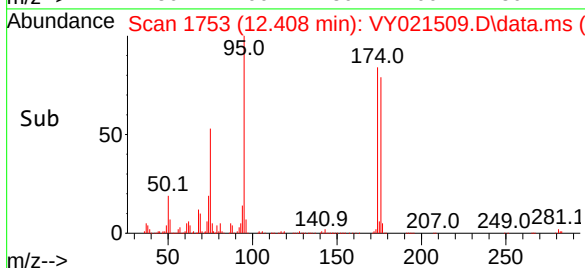
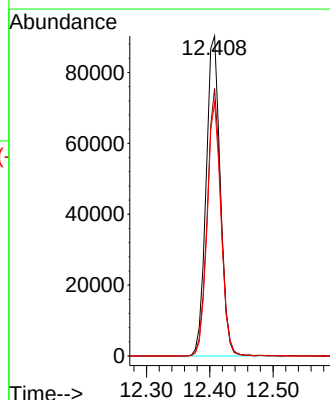
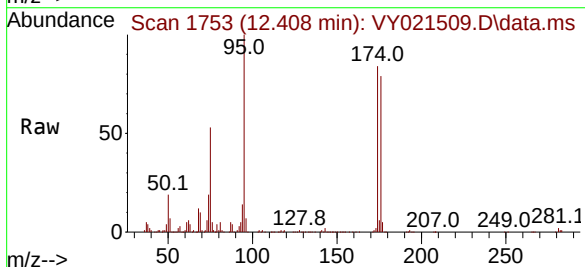
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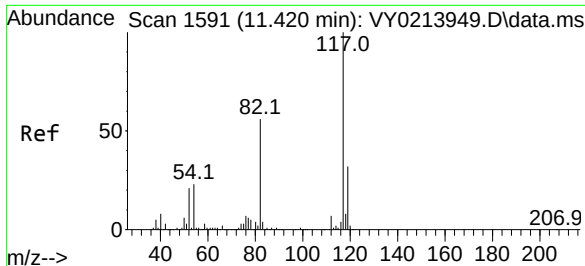
Tgt Ion: 98 Resp: 471138
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.943 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

Tgt Ion: 95 Resp: 140440
Ion Ratio Lower Upper
95 100
174 81.9 0.0 165.0
176 77.5 0.0 160.0

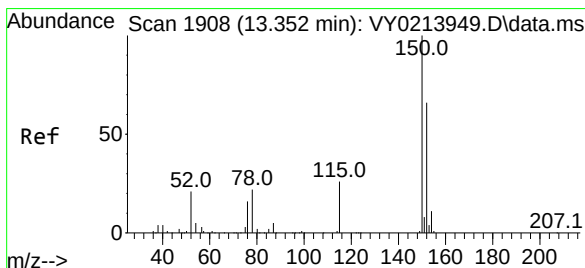
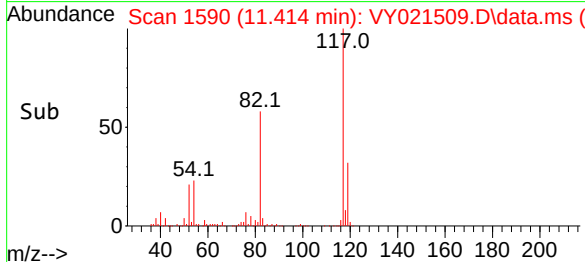
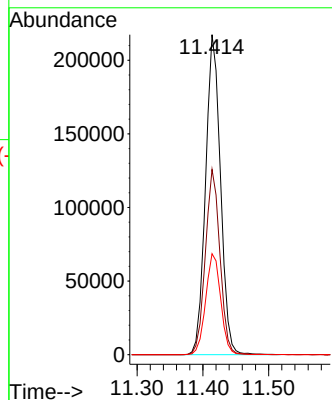
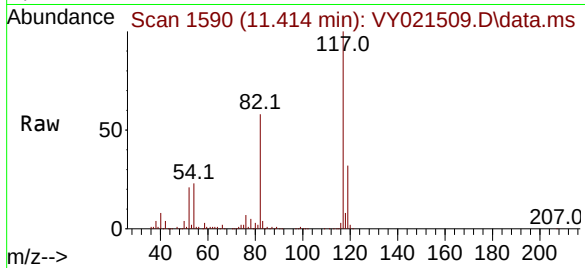




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021509.D
Acq: 12 Mar 2025 15:10

Instrument :
MSVOA_Y
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion:117 Resp: 343001
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 31.6 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: VY021509.D
Acq: 12 Mar 2025 15:10

Tgt Ion:152 Resp: 131278
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.0
150 154.8 0.0 347.2

