

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021359.D
 Acq On : 27 Feb 2025 15:35
 Operator : SY/MD
 Sample : Q1421-07
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF01-02

Quant Time: Feb 28 00:42:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

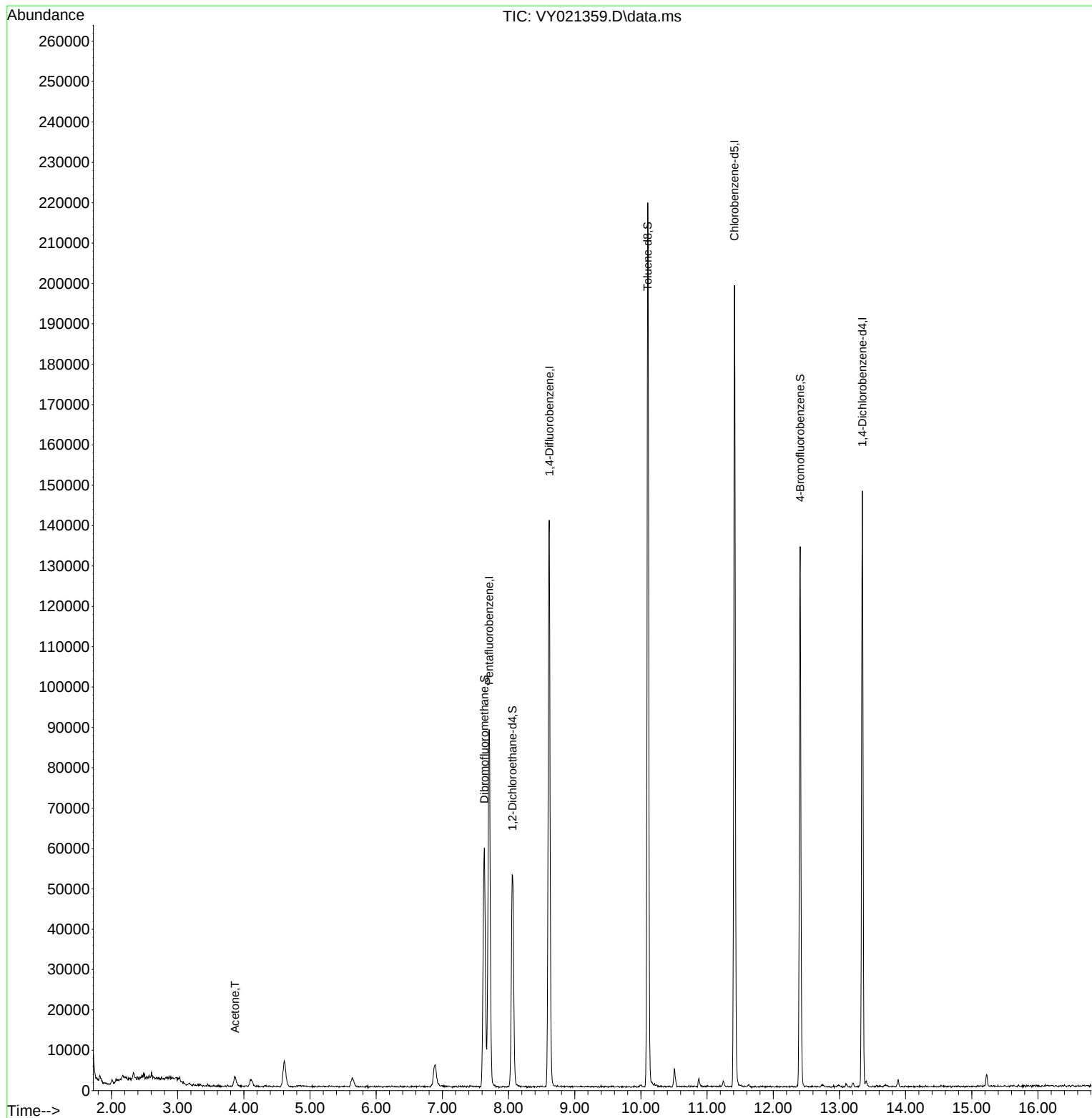
Internal Standards						
1) Pentafluorobenzene	7.707	168	68546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	116399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	100018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	43989	56.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.634	113	41618	54.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.103	98	137133	46.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.408	95	38394	38.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.360%
Target Compounds						
16) Acetone	3.866	43	4291	28.768	ug/l	Qvalue # 83

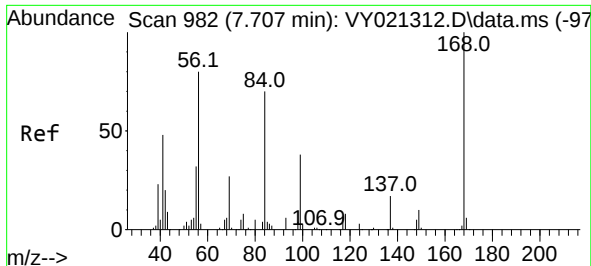
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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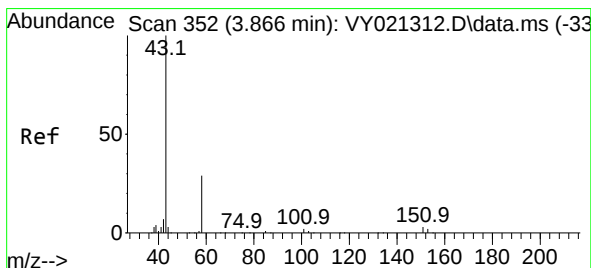
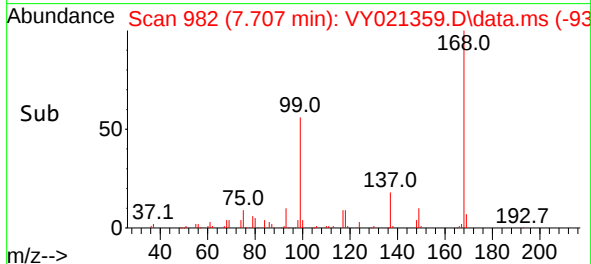
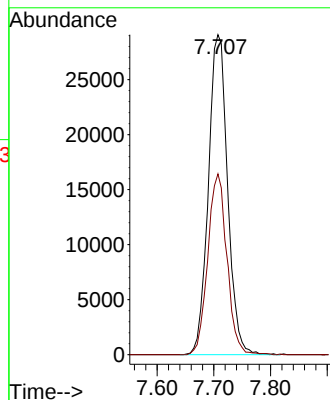
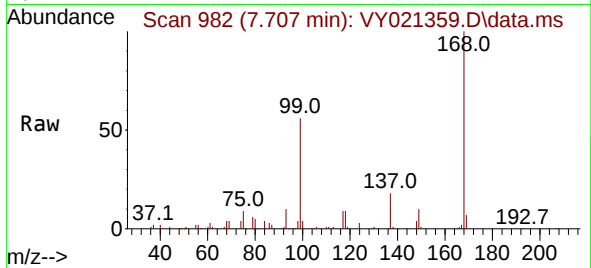




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021359.D
Acq: 27 Feb 2025 15:35

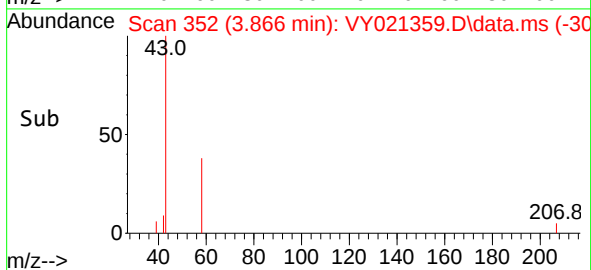
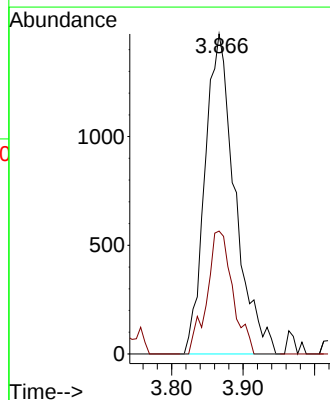
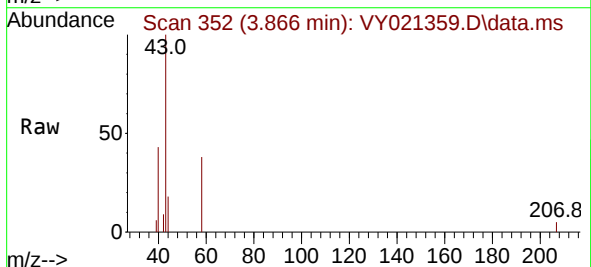
Instrument :
MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-02

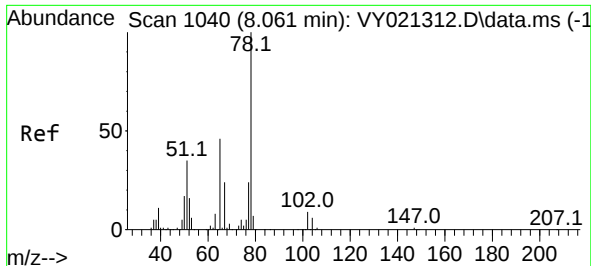
Tgt Ion:168 Resp: 68546
Ion Ratio Lower Upper
168 100
99 56.5 47.1 70.7



#16
Acetone
Concen: 28.768 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021359.D
Acq: 27 Feb 2025 15:35

Tgt Ion: 43 Resp: 4291
Ion Ratio Lower Upper
43 100
58 38.4 23.5 35.3#





#33

1,2-Dichloroethane-d4

Concen: 56.571 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021359.D

Acq: 27 Feb 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

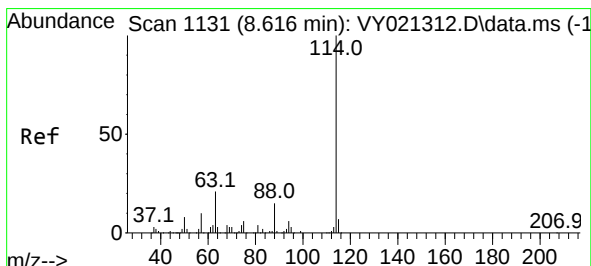
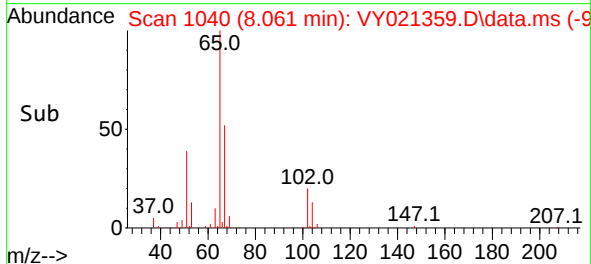
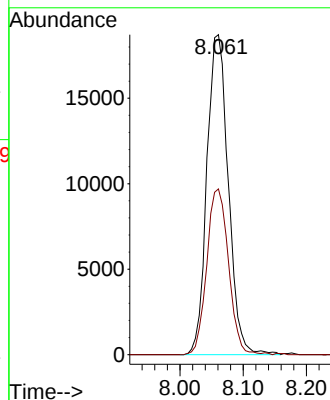
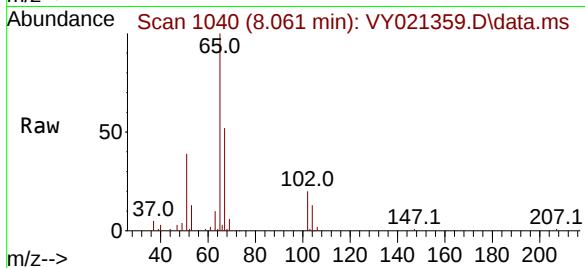
P001-CLAY-CF01-02

Tgt Ion: 65 Resp: 43989

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021359.D

Acq: 27 Feb 2025 15:35

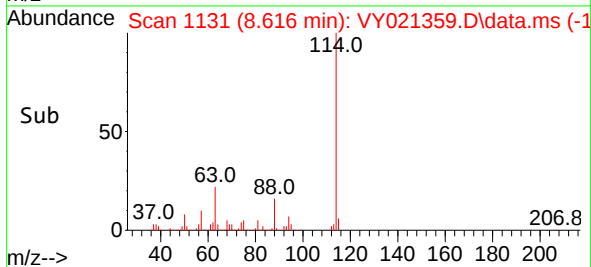
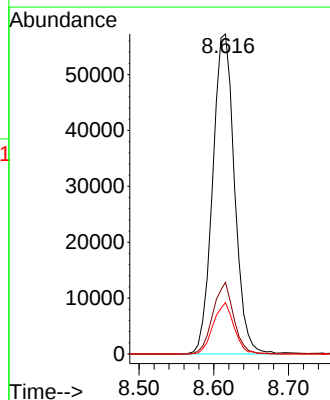
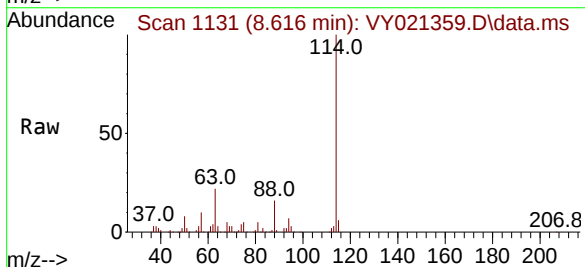
Tgt Ion: 114 Resp: 116399

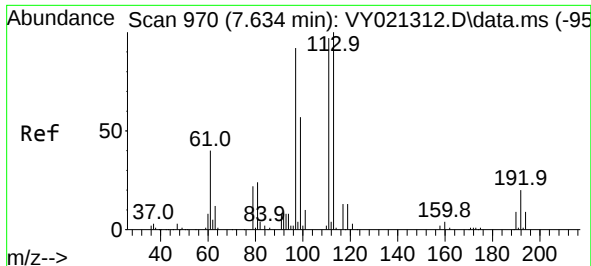
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.2

88 16.1 0.0 29.8

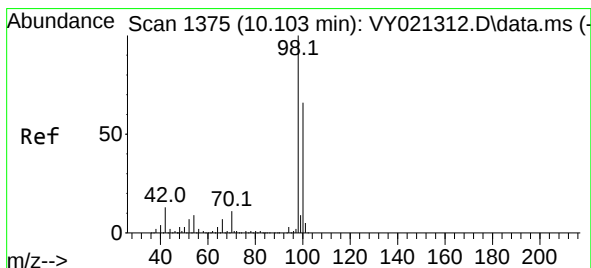
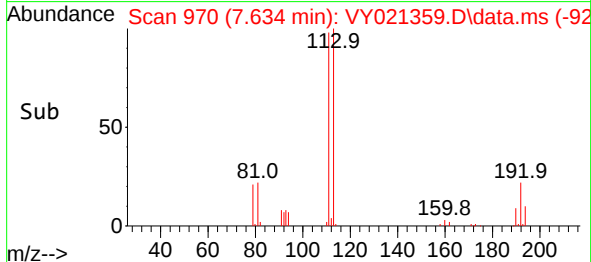
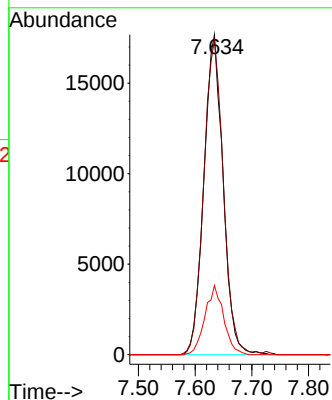
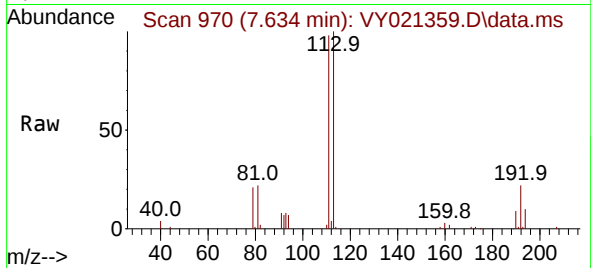




#35
 Dibromofluoromethane
 Concen: 54.537 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021359.D
 Acq: 27 Feb 2025 15:35

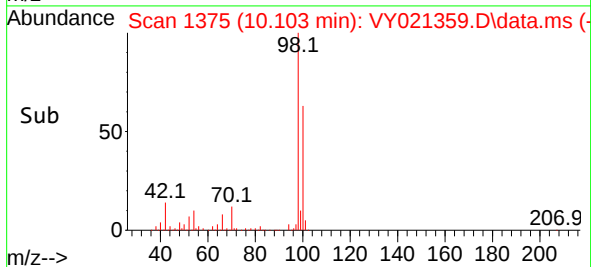
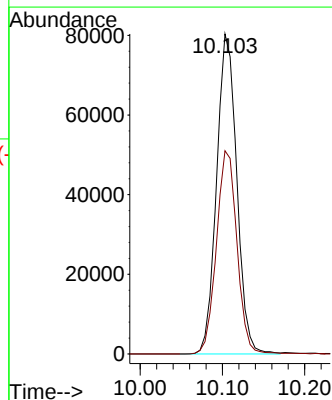
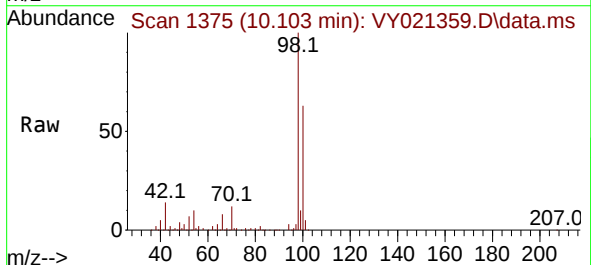
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF01-02

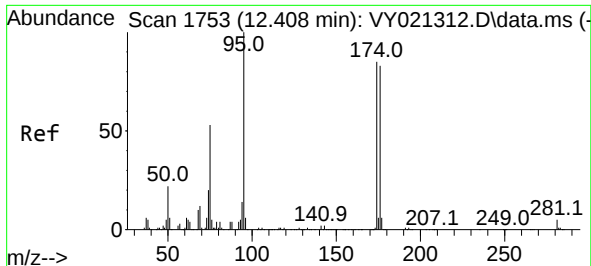
Tgt Ion:	113	Resp:	41618
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.0	121.6
192	21.1	15.8	23.8



#50
 Toluene-d8
 Concen: 46.497 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: VY021359.D
 Acq: 27 Feb 2025 15:35

Tgt Ion:	98	Resp:	137133
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6

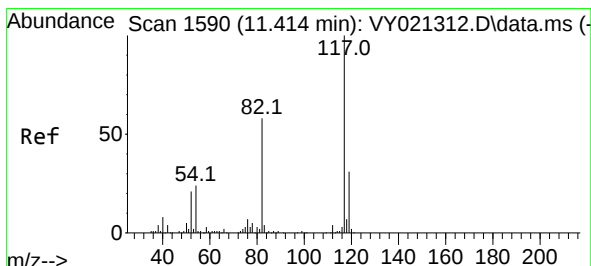
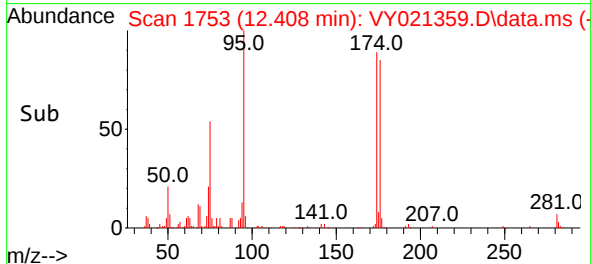
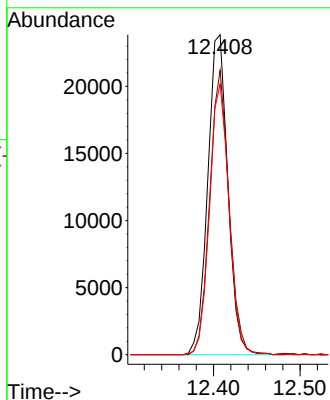
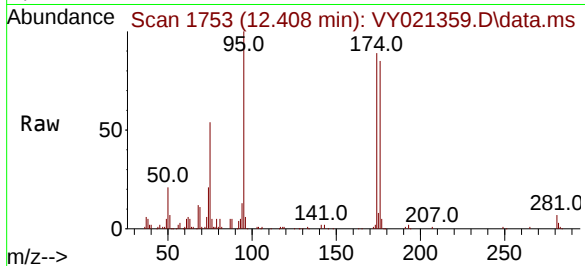




#62
4-Bromofluorobenzene
Concen: 38.682 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021359.D
Acq: 27 Feb 2025 15:35

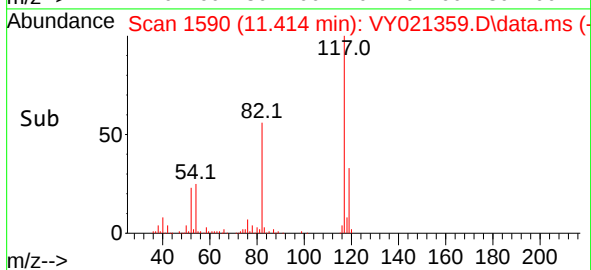
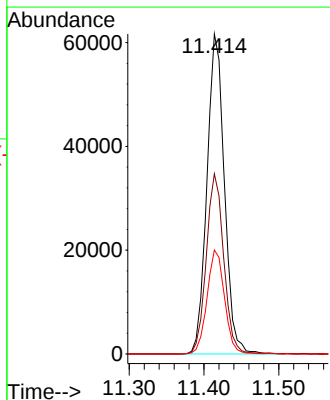
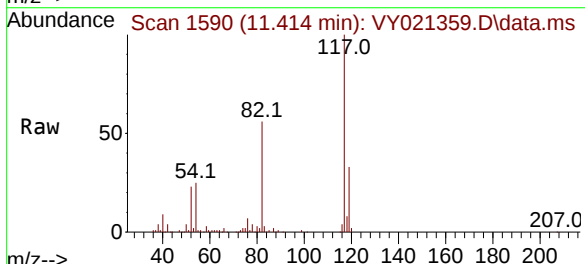
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MSVOA_Y
ClientSampleId :
P001-CLAY-CF01-02

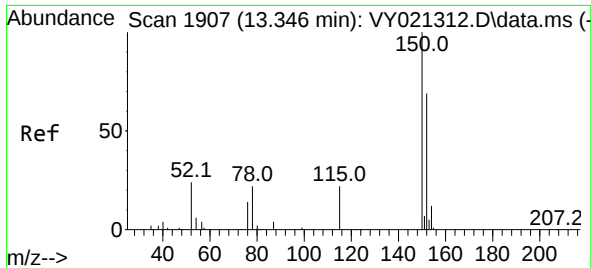
Tgt Ion:	95	Resp:	38394
Ion Ratio	Lower	Upper	
95	100		
174	85.8	0.0	168.0
176	82.1	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021359.D
Acq: 27 Feb 2025 15:35

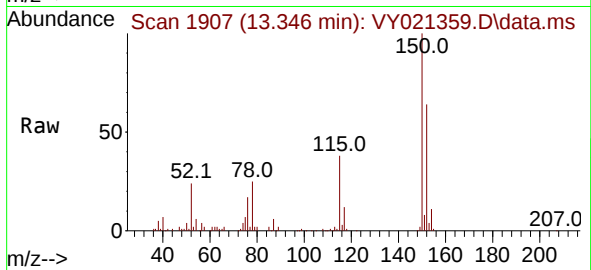
Tgt Ion:	117	Resp:	100018
Ion Ratio	Lower	Upper	
117	100		
82	56.3	46.2	69.4
119	32.5	24.9	37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021359.D
 Acq: 27 Feb 2025 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-CLAY-CF01-02



Tgt Ion:	152	Resp:	36575
Ion Ratio	Lower	Upper	
152	100		
115	56.5	29.3	88.0
150	155.9	0.0	347.4

