

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045176.D
 Acq On : 06 Mar 2025 18:12
 Operator : JC/MD
 Sample : Q1490-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLAY-SLUDGE-DRUMS

Quant Time: Mar 07 00:48:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

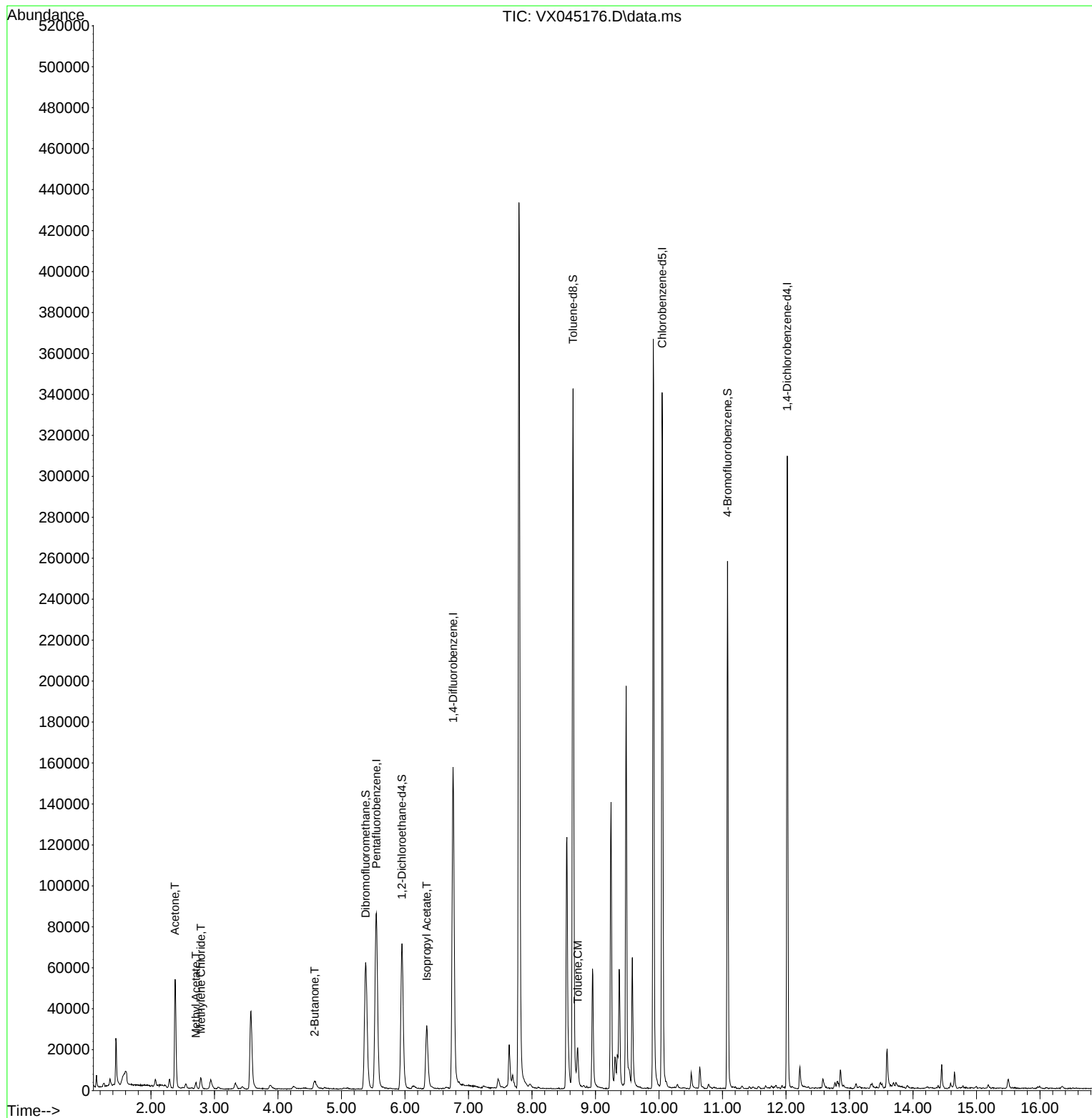
Internal Standards						
1) Pentafluorobenzene	5.550	168	79920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67372	52.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.000%	
35) Dibromofluoromethane	5.379	113	54432	51.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.160%	
50) Toluene-d8	8.647	98	197597	51.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	11.079	95	64828	50.644	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.280%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	57468	97.433	ug/l	99
18) Methyl Acetate	2.709	43	3719	2.621	ug/l	94
20) Methylene Chloride	2.788	84	2376	2.034	ug/l	94
25) 2-Butanone	4.574	43	7989	8.998	ug/l	93
43) Isopropyl Acetate	6.342	43	45459	16.327	ug/l	98
52) Toluene	8.720	92	6073	2.243	ug/l	96

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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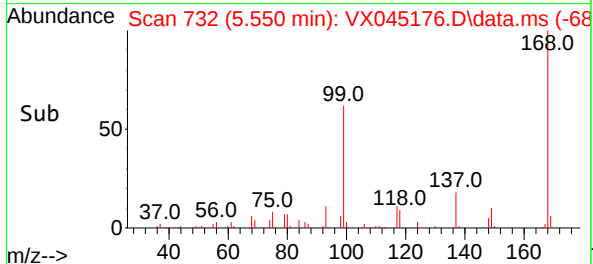
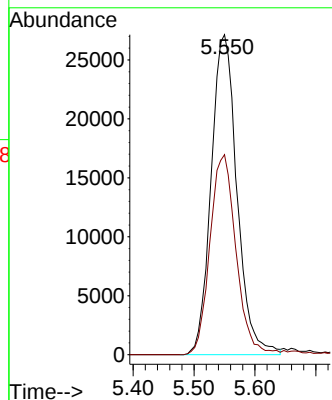
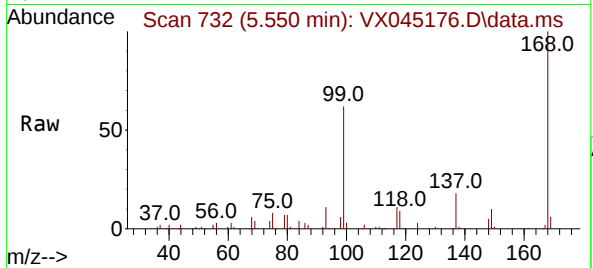




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

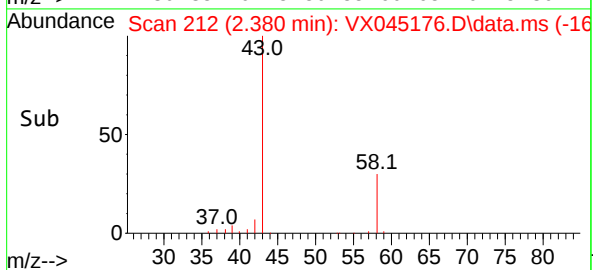
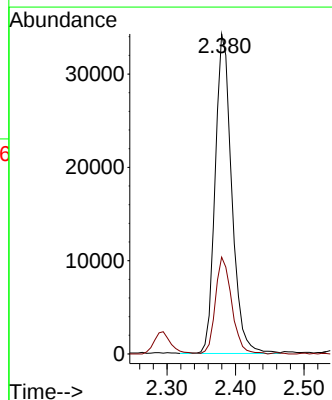
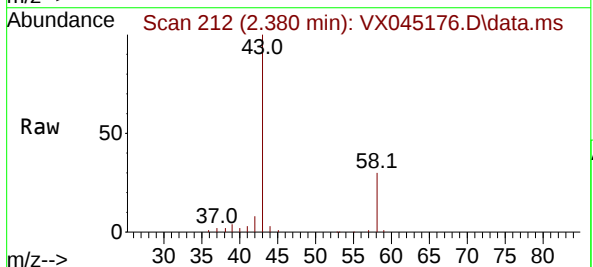
Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

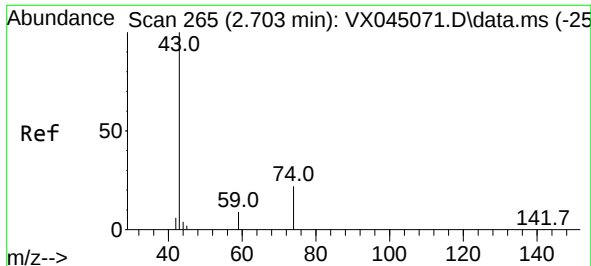
Tgt Ion:168 Resp: 79920
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#16
Acetone
Concen: 97.433 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 43 Resp: 57468
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.4





#18

Methyl Acetate

Concen: 2.621 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX045176.D

Acq: 06 Mar 2025 18:12

Instrument :

MSVOA_X

ClientSampleId :

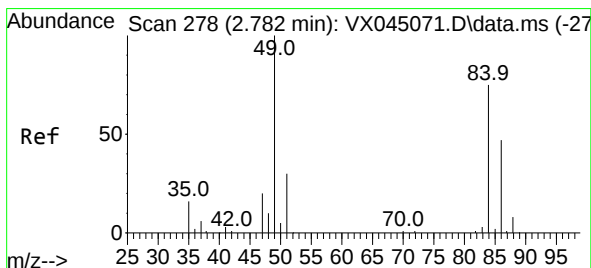
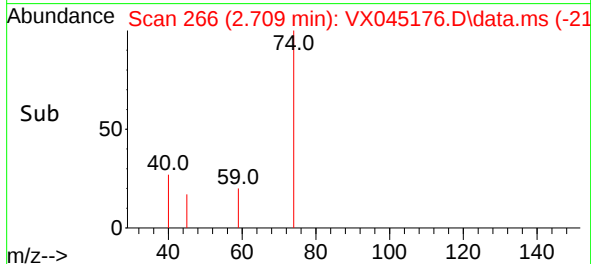
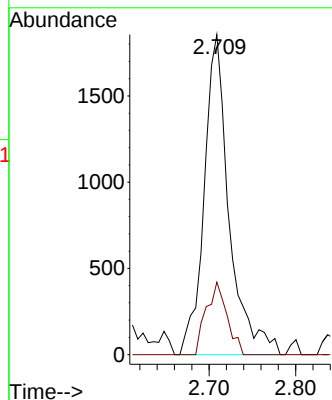
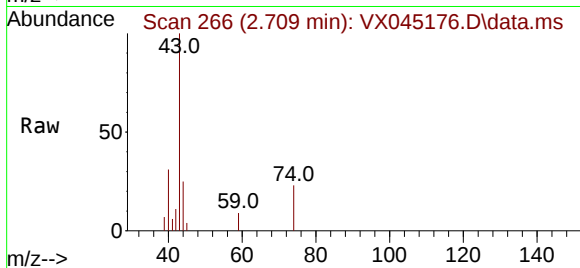
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 3719

Ion Ratio Lower Upper

43 100

74 18.8 17.4 26.2



#20

Methylene Chloride

Concen: 2.034 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX045176.D

Acq: 06 Mar 2025 18:12

Tgt Ion: 84 Resp: 2376

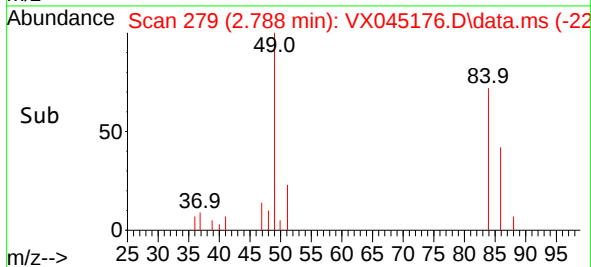
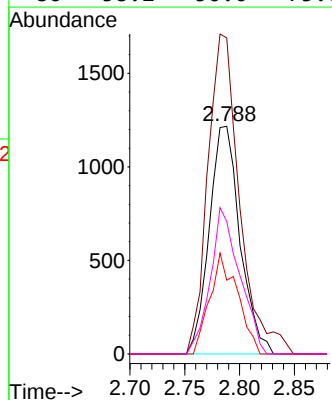
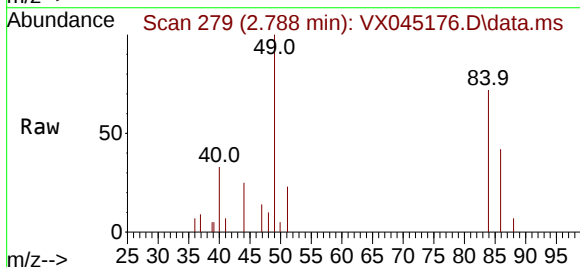
Ion Ratio Lower Upper

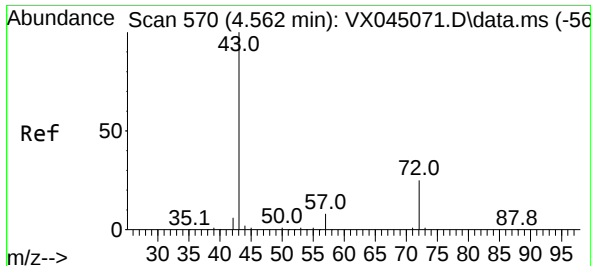
84 100

49 138.8 106.5 159.7

51 32.4 32.1 48.1

86 58.2 50.0 75.0

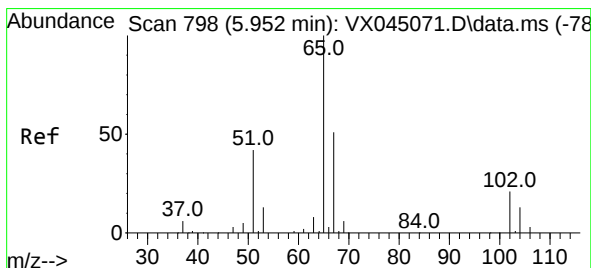
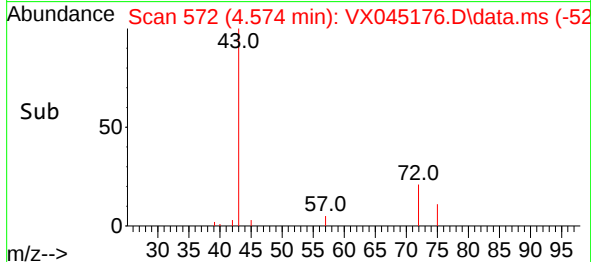
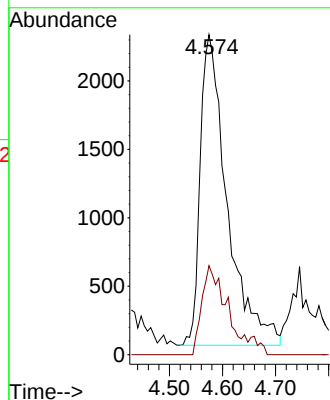
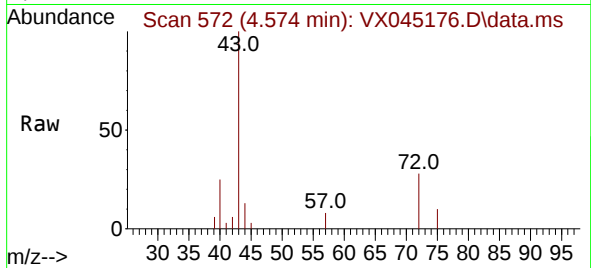




#25
2-Butanone
Concen: 8.998 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

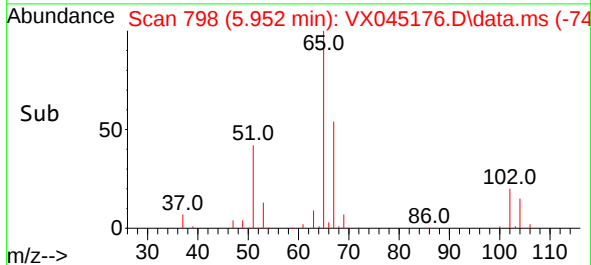
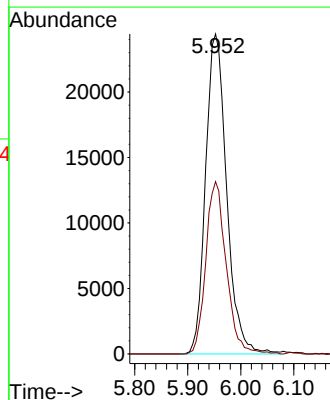
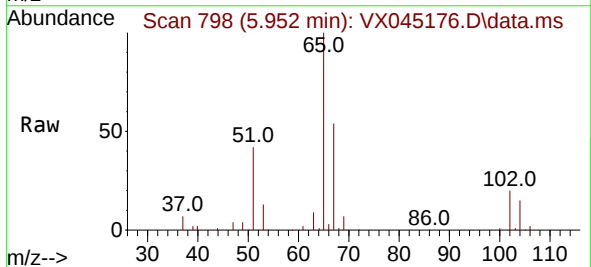
Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 7989
Ion Ratio Lower Upper
43 100
72 28.6 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 52.997 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 65 Resp: 67372
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.2

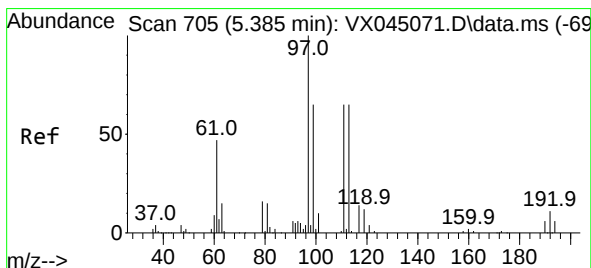
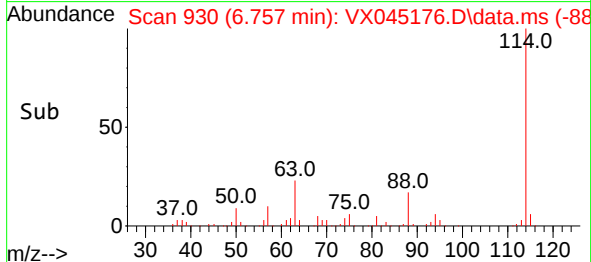
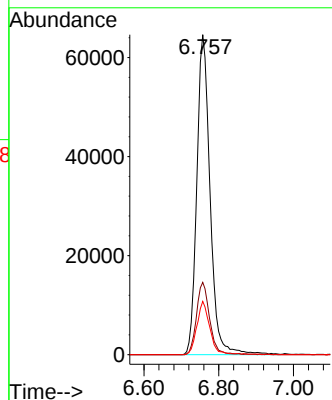
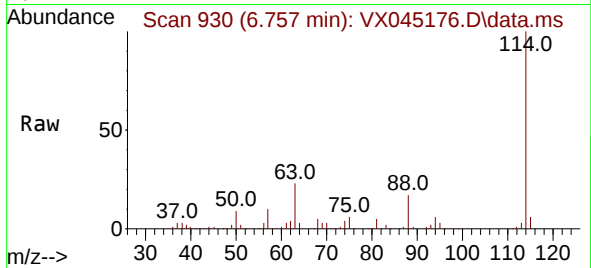




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045176.D
 Acq: 06 Mar 2025 18:12

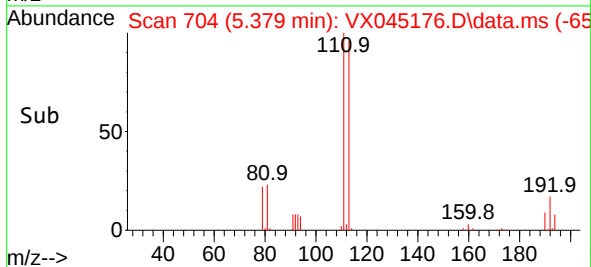
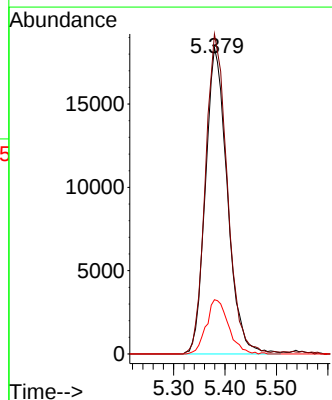
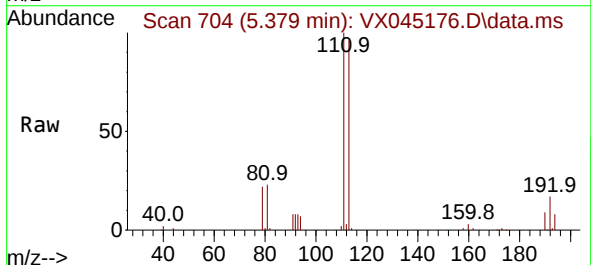
Instrument :
 MSVOA_X
 ClientSampleId :
 CLAY-SLUDGE-DRUMS

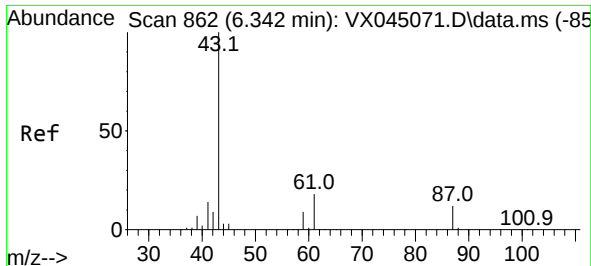
Tgt Ion:114 Resp: 159351
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 41.8
 88 16.6 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 51.084 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045176.D
 Acq: 06 Mar 2025 18:12

Tgt Ion:113 Resp: 54432
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.8 122.6
 192 17.9 14.3 21.5

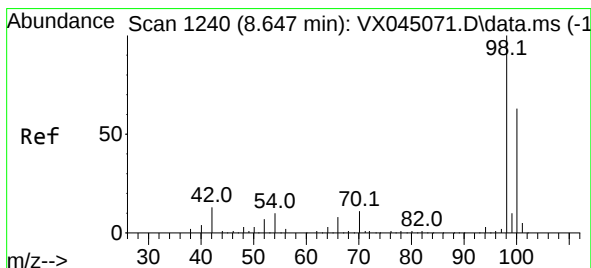
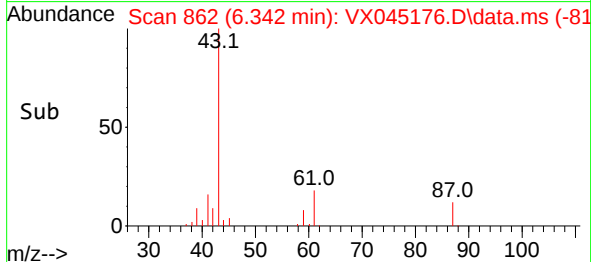
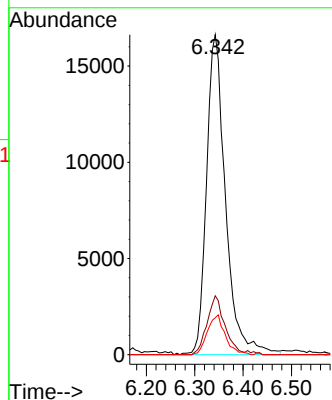
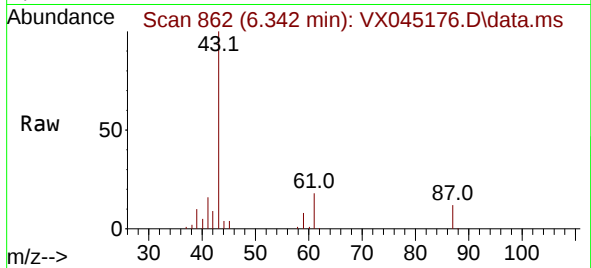




#43
Isopropyl Acetate
Concen: 16.327 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

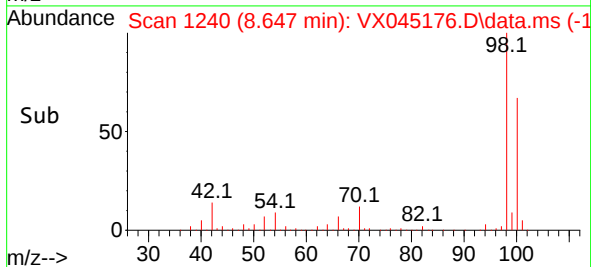
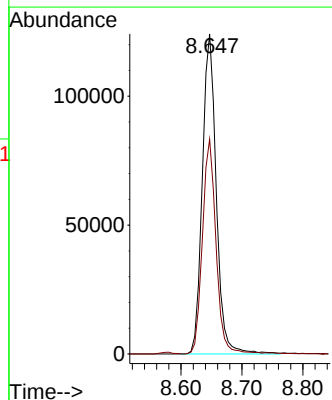
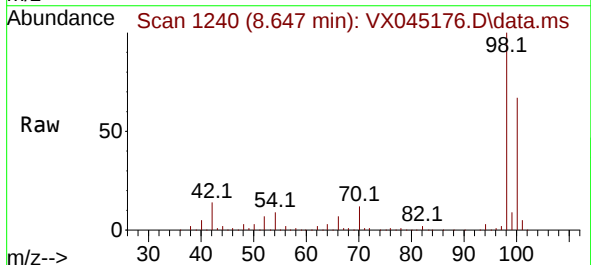
Instrument :
MSVOA_X
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CLAY-SLUDGE-DRUMS

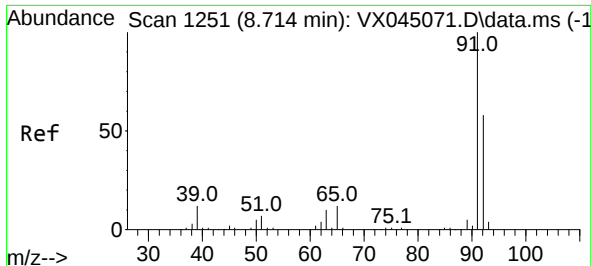
Tgt Ion: 43 Resp: 45459
Ion Ratio Lower Upper
43 100
61 17.2 14.9 22.3
87 11.6 9.4 14.2



#50
Toluene-d8
Concen: 51.152 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 98 Resp: 197597
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

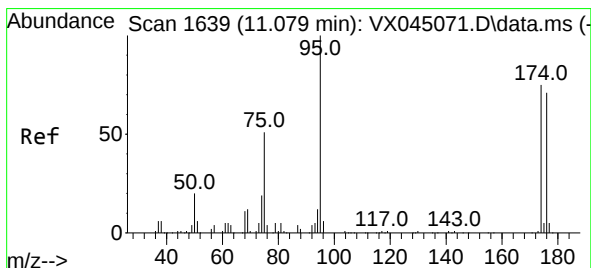
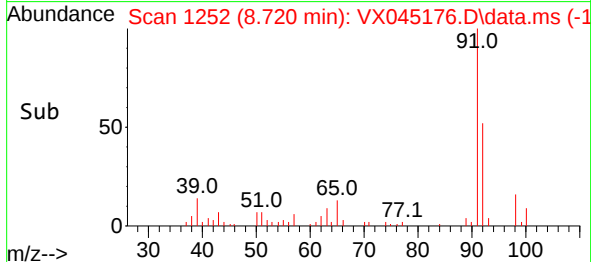
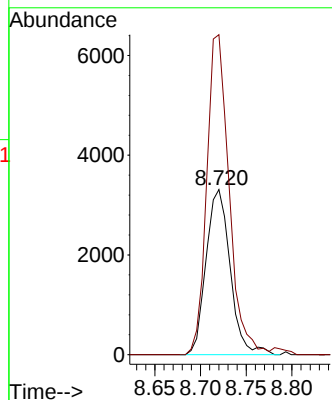
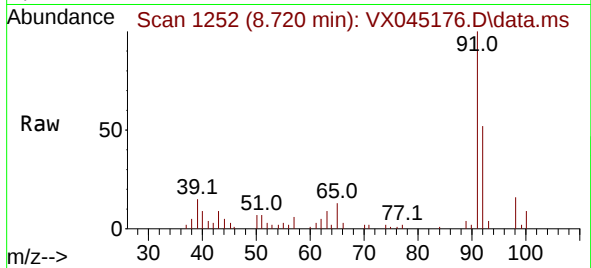




#52
Toluene
Concen: 2.243 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

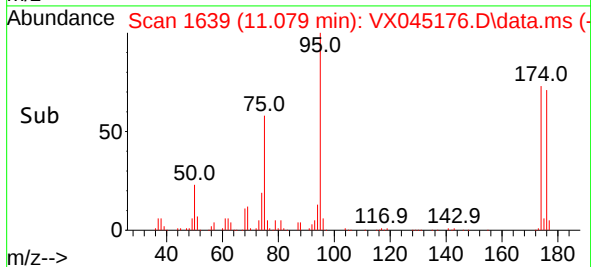
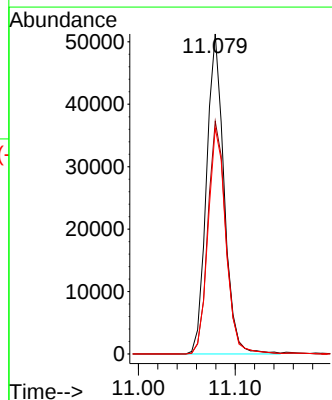
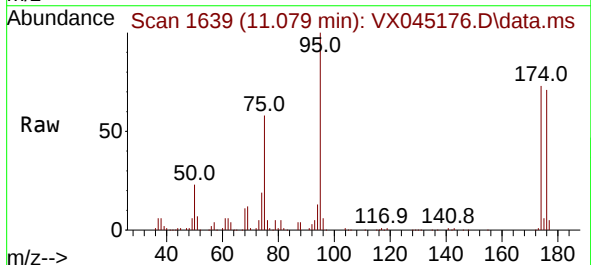
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CLAY-SLUDGE-DRUMS

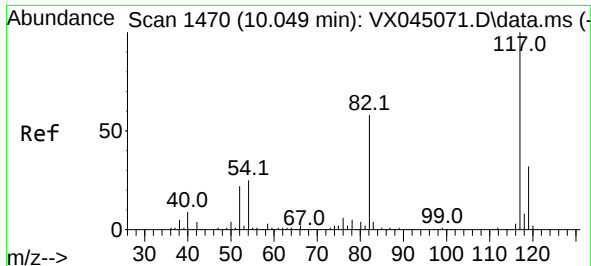
Tgt Ion: 92 Resp: 6073
Ion Ratio Lower Upper
92 100
91 179.5 138.9 208.3



#62
4-Bromofluorobenzene
Concen: 50.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 95 Resp: 64828
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.2
176 71.7 0.0 141.4

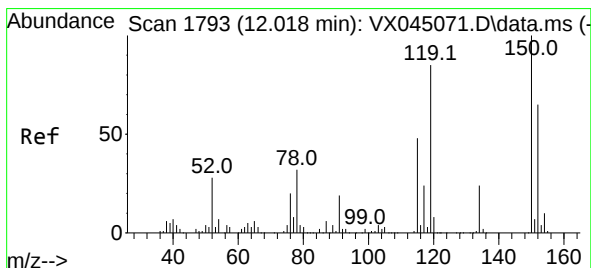
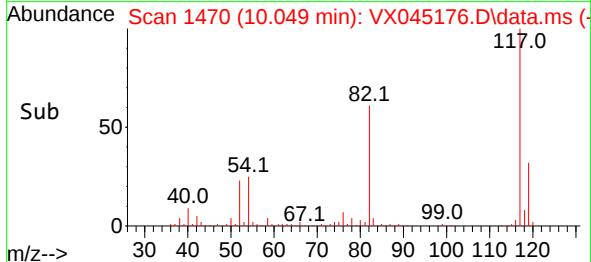
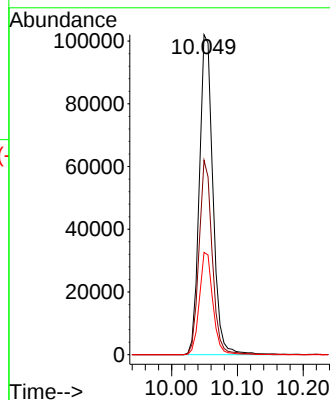
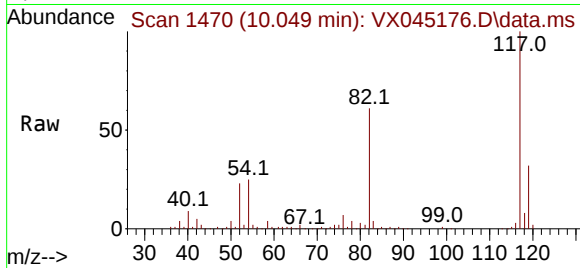




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion:117 Resp: 146313
Ion Ratio Lower Upper
117 100
82 60.7 46.3 69.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion:152 Resp: 59972
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 155.4 0.0 349.0

