

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045177.D
 Acq On : 06 Mar 2025 18:35
 Operator : JC/MD
 Sample : Q1494-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ASPHALT-SOIL

Quant Time: Mar 07 00:49:32 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)

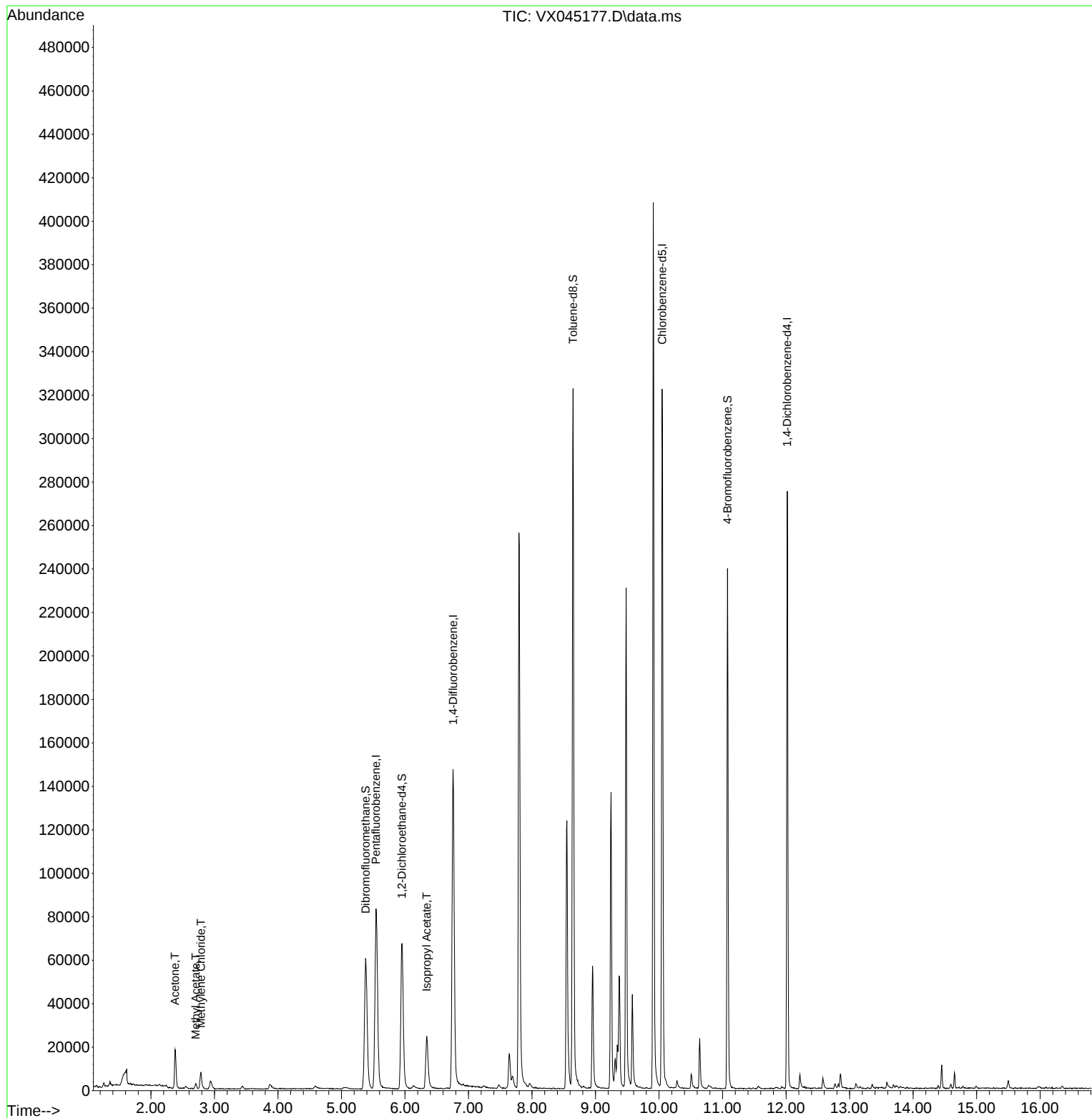
Internal Standards						
1) Pentafluorobenzene	5.544	168	76042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64892	53.649	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.300%		
35) Dibromofluoromethane	5.379	113	52345	52.120	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.240%		
50) Toluene-d8	8.647	98	190206	52.241	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.480%		
62) 4-Bromofluorobenzene	11.079	95	62120	51.487	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.980%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	19854	35.378	ug/l	100
18) Methyl Acetate	2.703	43	3136	2.323	ug/l	99
20) Methylene Chloride	2.788	84	3460	3.112	ug/l #	93
43) Isopropyl Acetate	6.342	43	35177	13.404	ug/l	99

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

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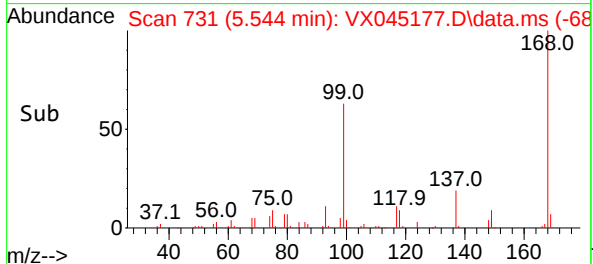
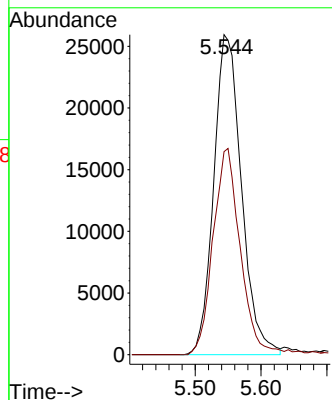
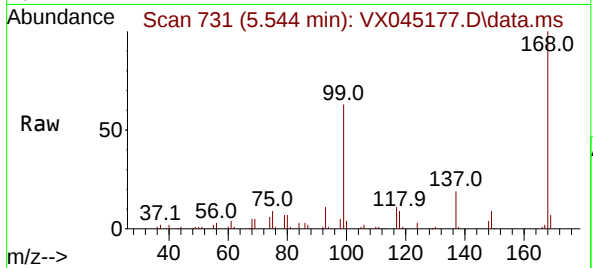




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045177.D
Acq: 06 Mar 2025 18:35

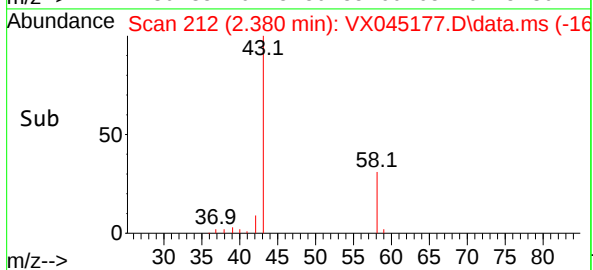
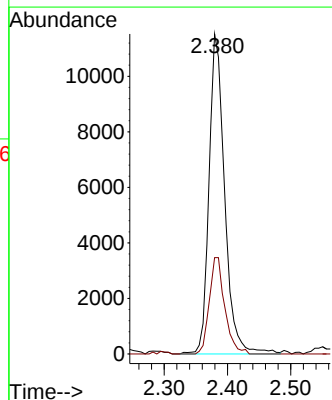
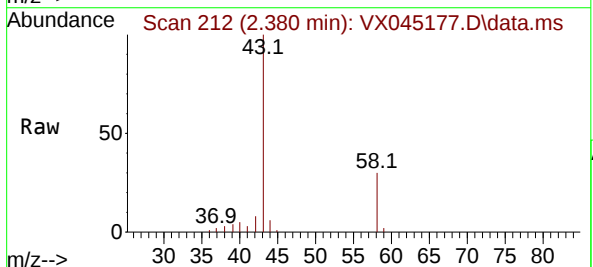
Instrument :
MSVOA_X
ClientSampleId :
ASPHALT-SOIL

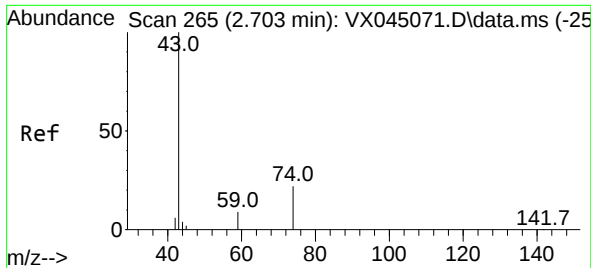
Tgt Ion:168 Resp: 76042
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 35.378 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045177.D
Acq: 06 Mar 2025 18:35

Tgt Ion: 43 Resp: 19854
Ion Ratio Lower Upper
43 100
58 30.1 24.2 36.4

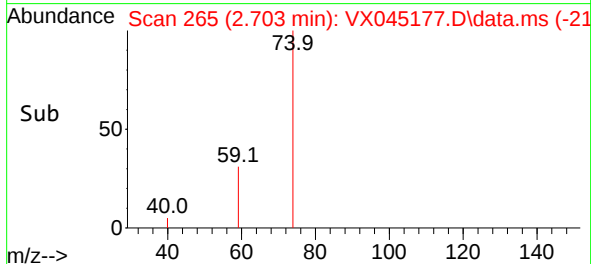
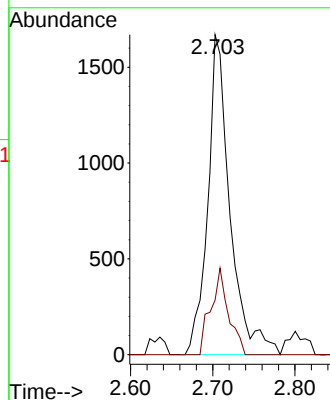
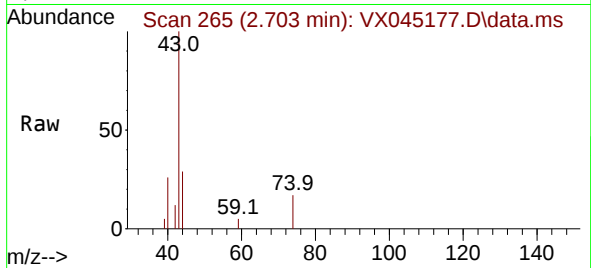




#18
Methyl Acetate
Concen: 2.323 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX045177.D
Acq: 06 Mar 2025 18:35

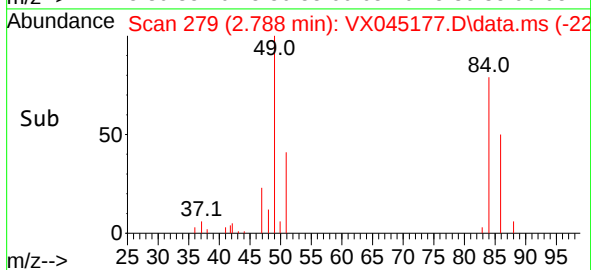
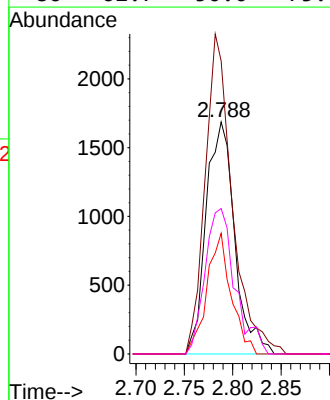
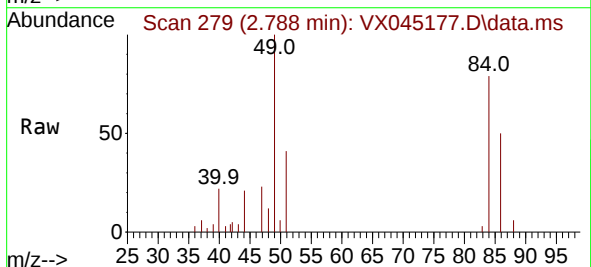
Instrument :
MSVOA_X
ClientSampleId :
ASPHALT-SOIL

Tgt Ion: 43 Resp: 3136
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 3.112 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045177.D
Acq: 06 Mar 2025 18:35

Tgt Ion: 84 Resp: 3460
Ion Ratio Lower Upper
84 100
49 126.3 106.5 159.7
51 52.0 32.1 48.1#
86 62.7 50.0 75.0





#33

1,2-Dichloroethane-d4

Concen: 53.649 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045177.D

Acq: 06 Mar 2025 18:35

Instrument :

MSVOA_X

ClientSampleId :

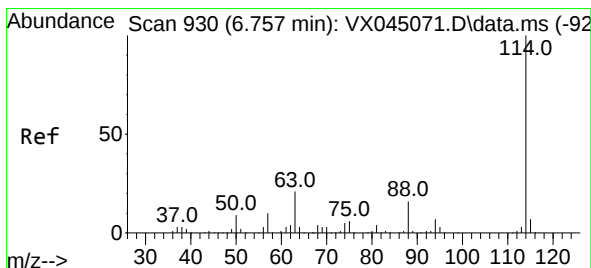
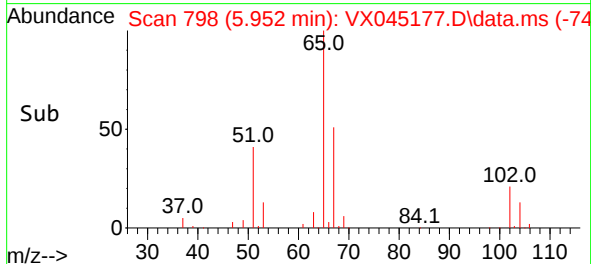
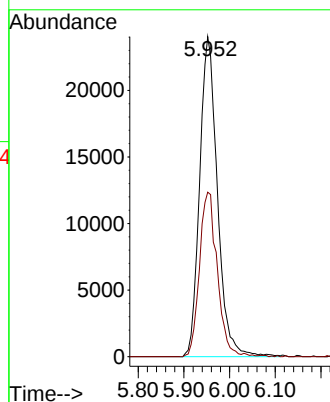
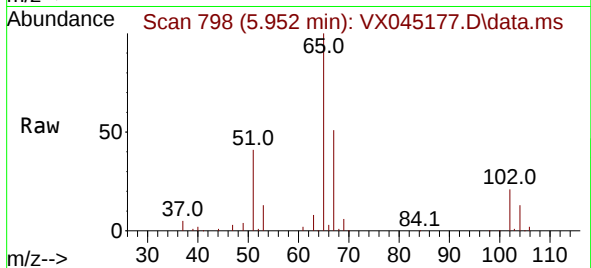
ASPHALT-SOIL

Tgt Ion: 65 Resp: 64892

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045177.D

Acq: 06 Mar 2025 18:35

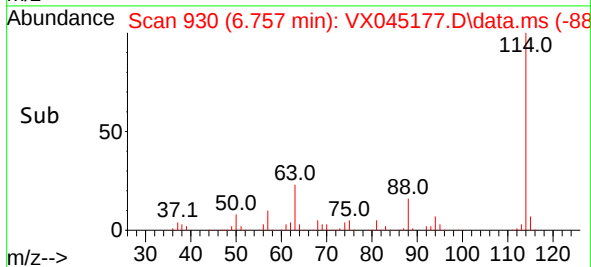
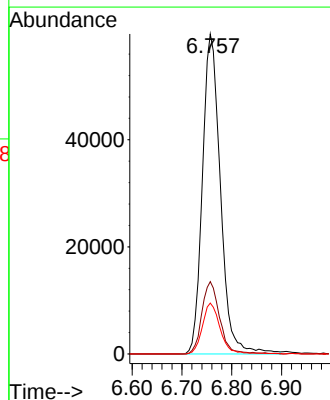
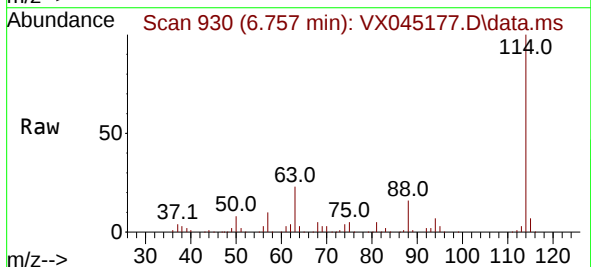
Tgt Ion: 114 Resp: 150194

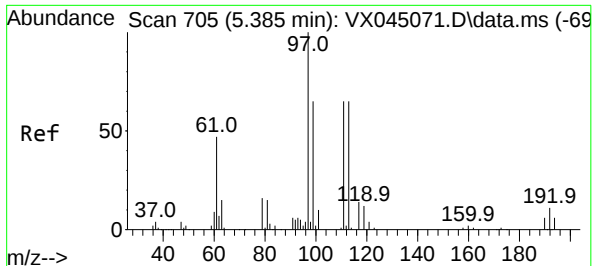
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.120 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045177.D

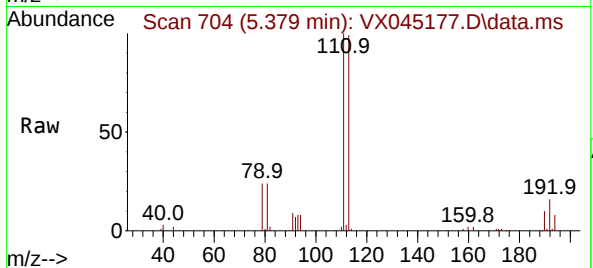
Acq: 06 Mar 2025 18:35

Instrument :

MSVOA_X

ClientSampleId :

ASPHALT-SOIL



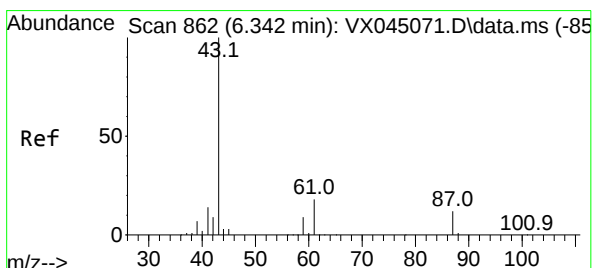
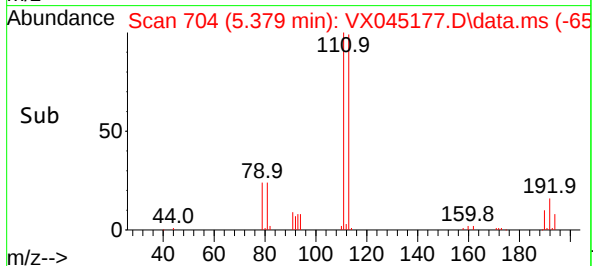
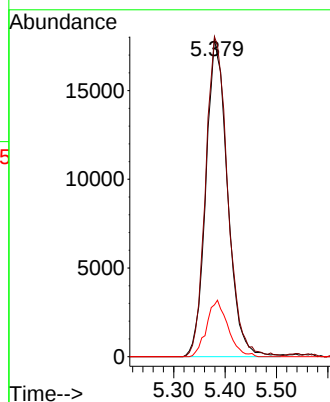
Tgt Ion:113 Resp: 52345

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 17.5 14.3 21.5



#43

Isopropyl Acetate

Concen: 13.404 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX045177.D

Acq: 06 Mar 2025 18:35

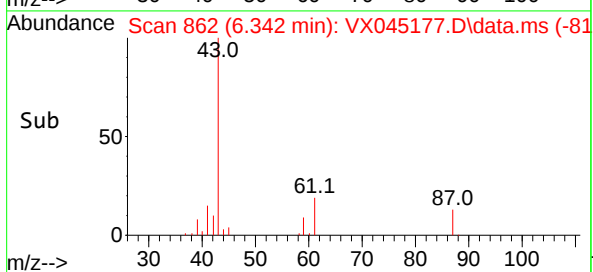
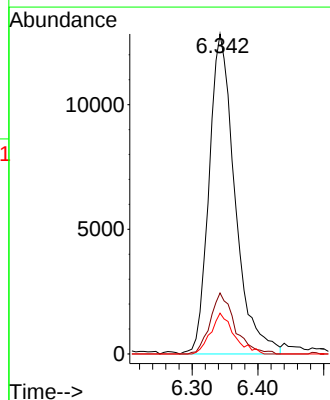
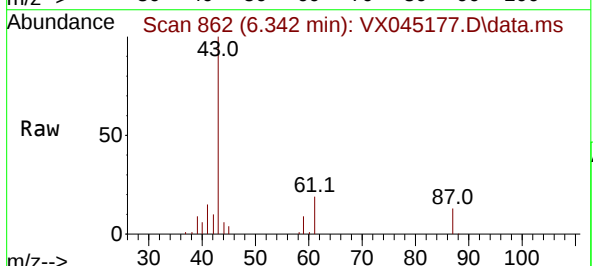
Tgt Ion: 43 Resp: 35177

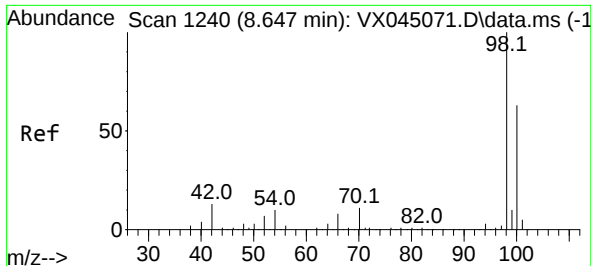
Ion Ratio Lower Upper

43 100

61 18.1 14.9 22.3

87 11.4 9.4 14.2

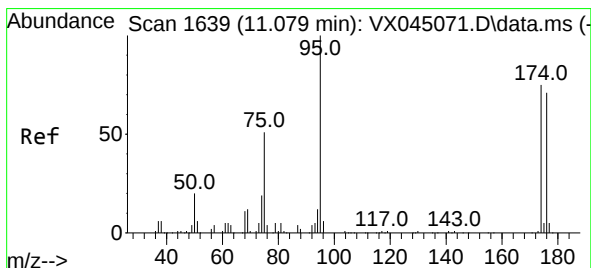
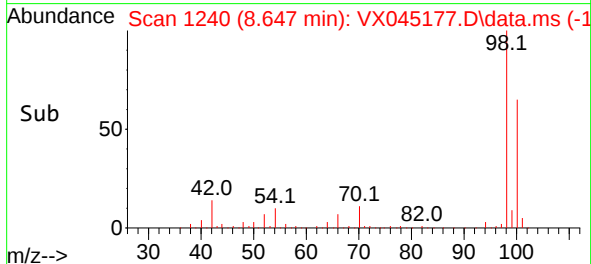
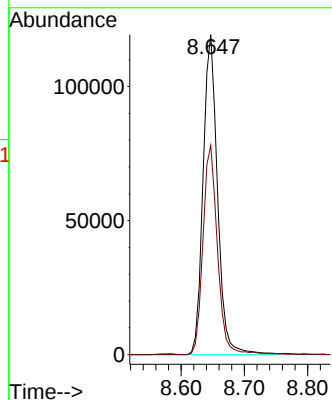
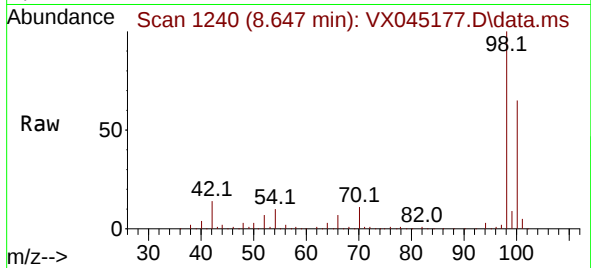




#50
Toluene-d8
Concen: 52.241 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045177.D
Acq: 06 Mar 2025 18:35

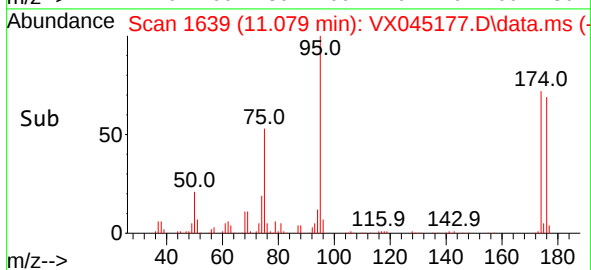
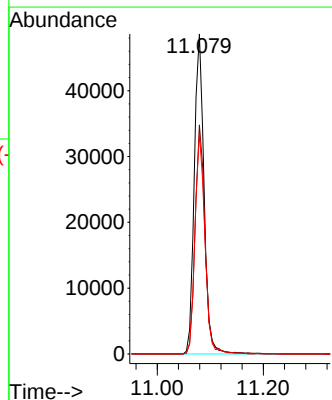
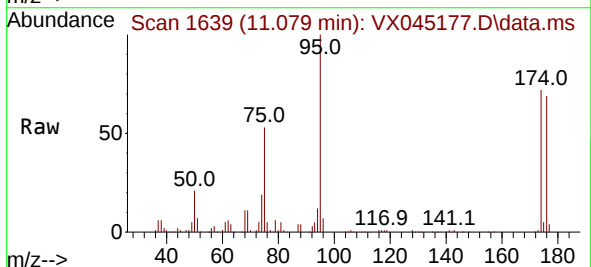
Instrument :
MSVOA_X
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ASPHALT-SOIL

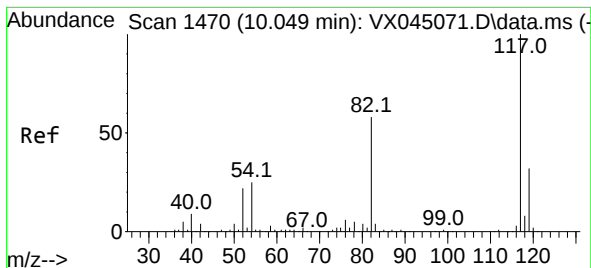
Tgt Ion: 98 Resp: 190206
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.487 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045177.D
Acq: 06 Mar 2025 18:35

Tgt Ion: 95 Resp: 62120
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 69.8 0.0 141.4

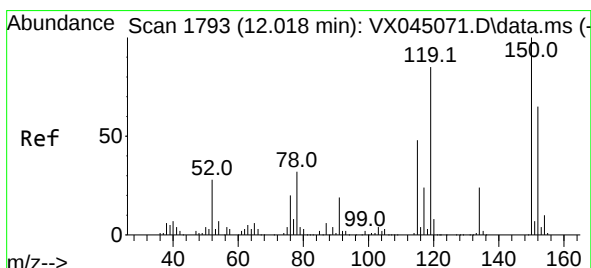
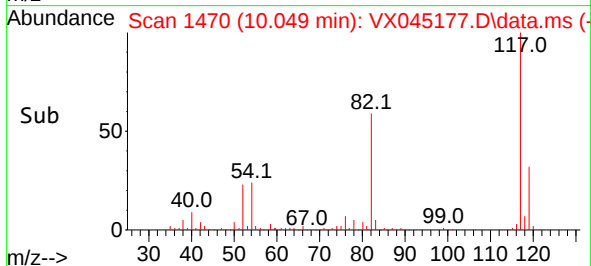
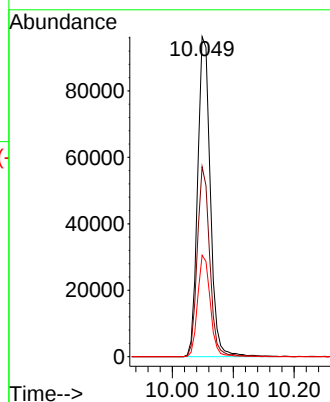
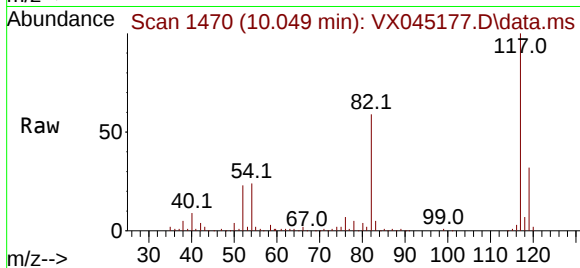




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045177.D
Acq: 06 Mar 2025 18:35

Instrument :
MSVOA_X
ClientSampleId :
ASPHALT-SOIL

Tgt Ion:117 Resp: 138916
Ion Ratio Lower Upper
117 100
82 59.4 46.3 69.5
119 31.7 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: VX045177.D
Acq: 06 Mar 2025 18:35

Tgt Ion:152 Resp: 54345
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 156.8 0.0 349.0

