

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046149.D
 Acq On : 12 May 2025 19:26
 Operator : JC/MD
 Sample : Q2004-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-STOCK

Quant Time: May 13 03:23:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

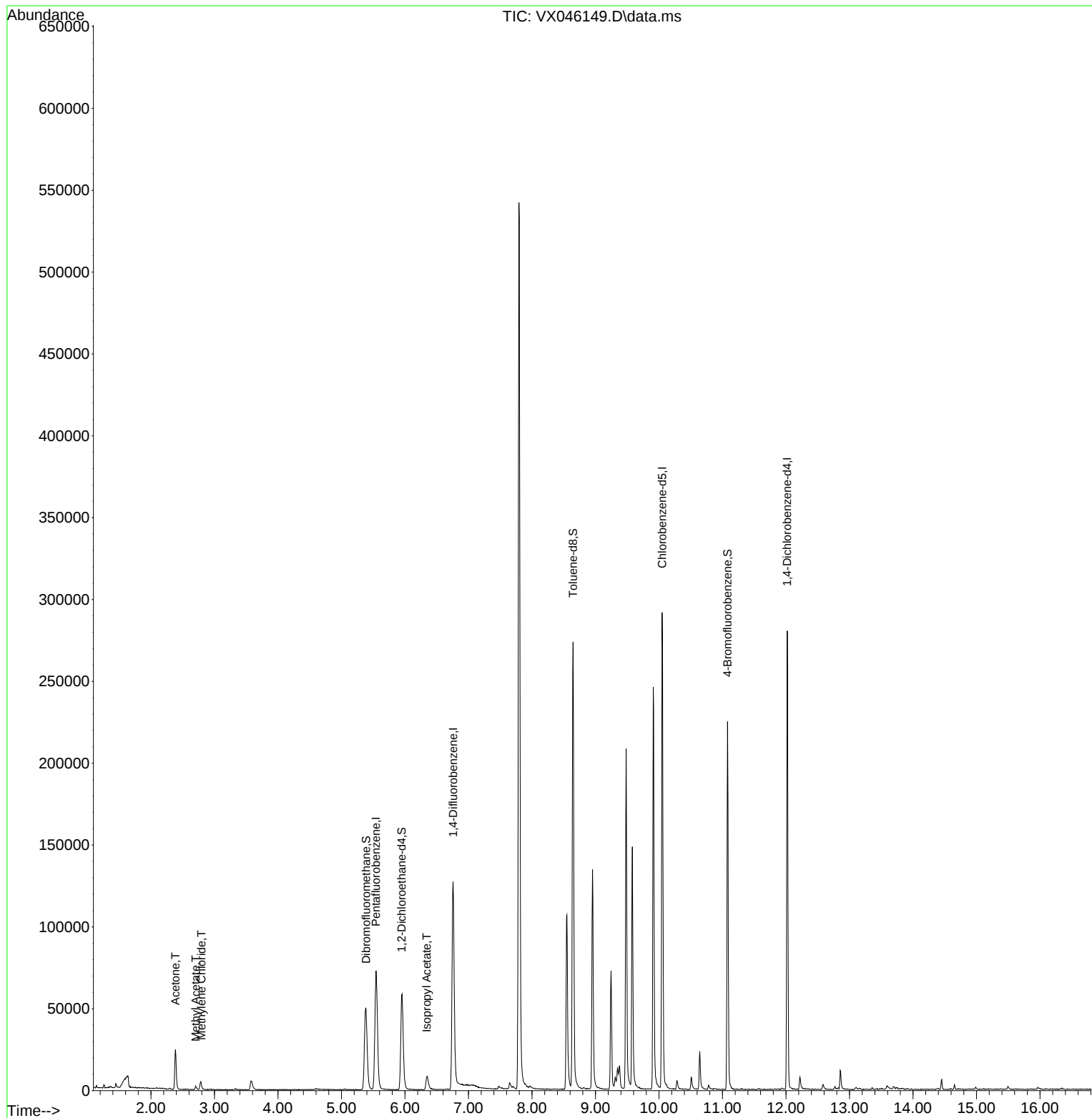
Internal Standards						
1) Pentafluorobenzene	5.544	168	60204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61646	54.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.840%	
35) Dibromofluoromethane	5.385	113	44850	51.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.200%	
50) Toluene-d8	8.647	98	157367	51.804	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	11.079	95	60392	51.828	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.660%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	26524	58.939	ug/l	98
18) Methyl Acetate	2.703	43	2319	2.221	ug/l	99
20) Methylene Chloride	2.794	84	2408	2.792	ug/l #	58
43) Isopropyl Acetate	6.342	43	13378	6.019	ug/l	94

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

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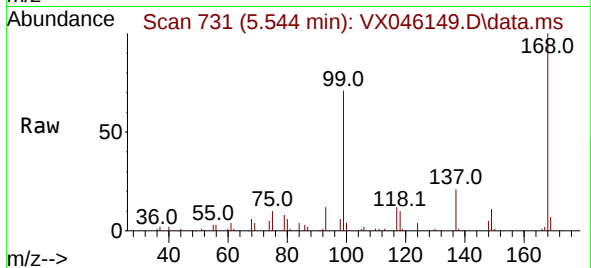
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



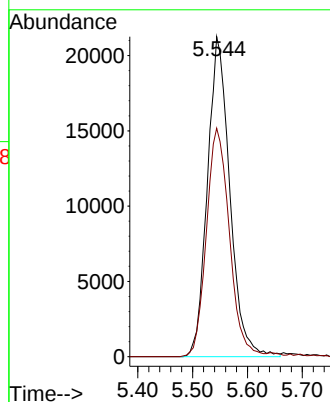
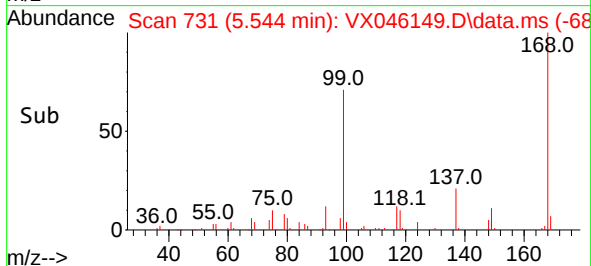


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

Instrument :
MSVOA_X
ClientSampleId :
SOIL-STOCK

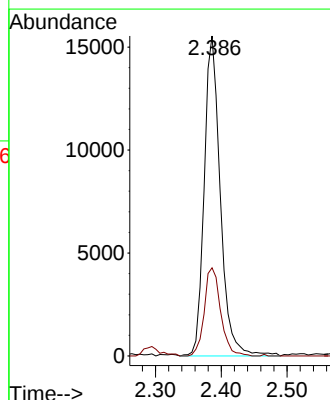
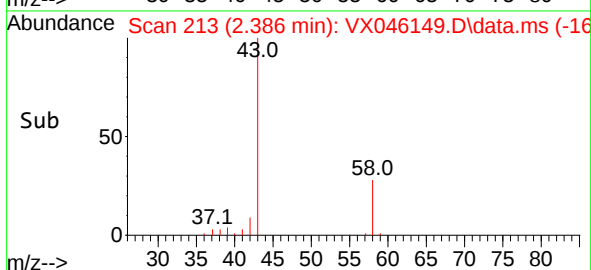
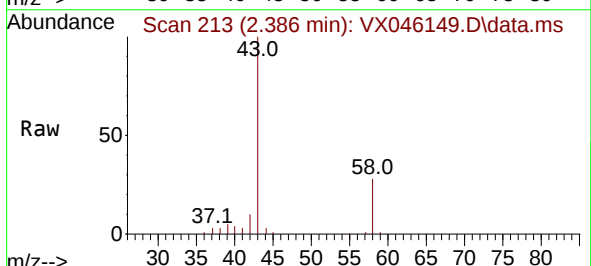


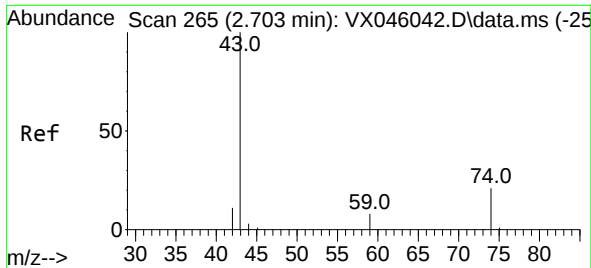
Tgt Ion:168 Resp: 60204
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3



#16
Acetone
Concen: 58.939 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

Tgt Ion: 43 Resp: 26524
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8

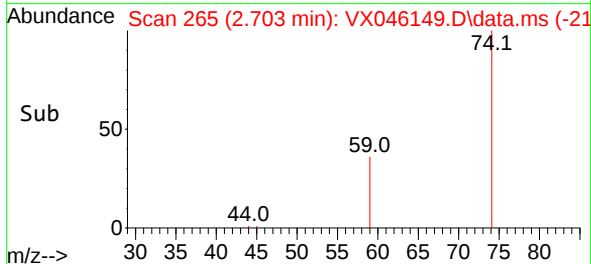
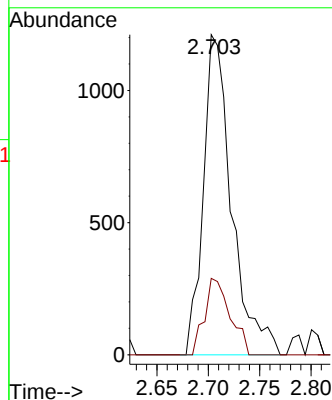
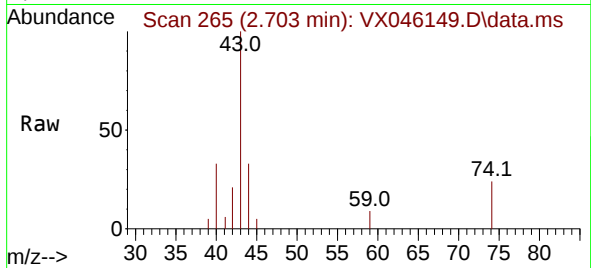




#18
Methyl Acetate
Concen: 2.221 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

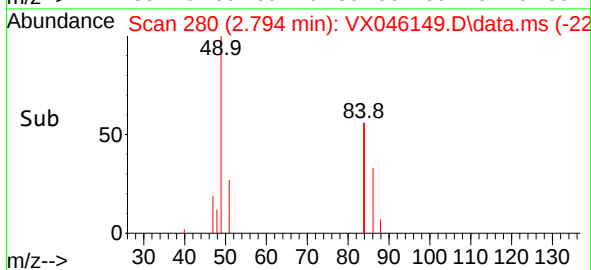
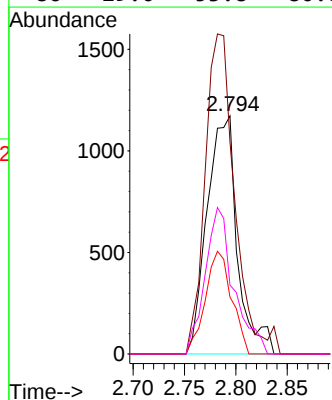
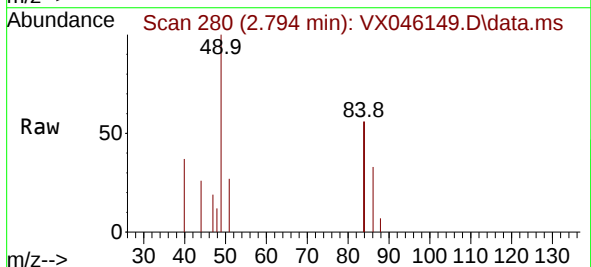
Instrument :
MSVOA_X
ClientSampleId :
SOIL-STOCK

Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



#20
Methylene Chloride
Concen: 2.792 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

Tgt Ion: 84 Resp: 2408
Ion Ratio Lower Upper
84 100
49 89.1 113.9 170.9#
51 24.0 33.5 50.3#
86 29.0 53.8 80.8#





#33

1,2-Dichloroethane-d4

Concen: 54.924 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046149.D

Acq: 12 May 2025 19:26

Instrument :

MSVOA_X

ClientSampleId :

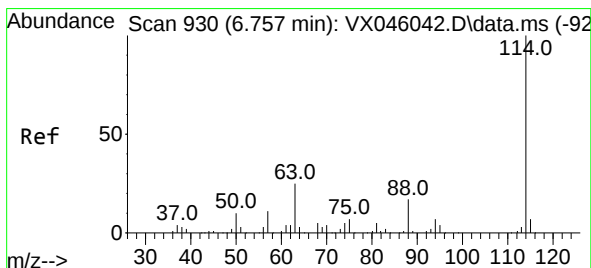
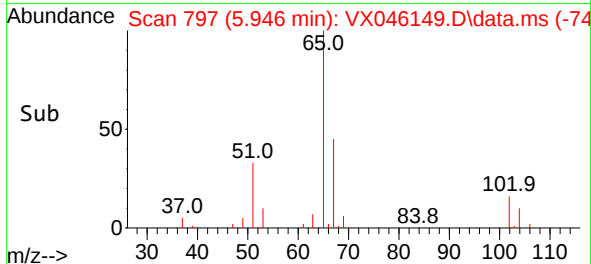
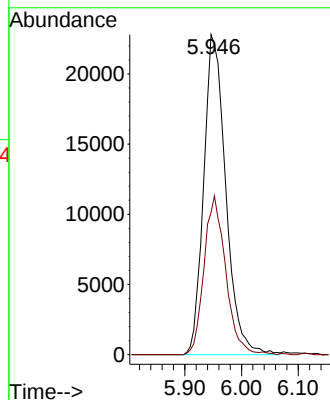
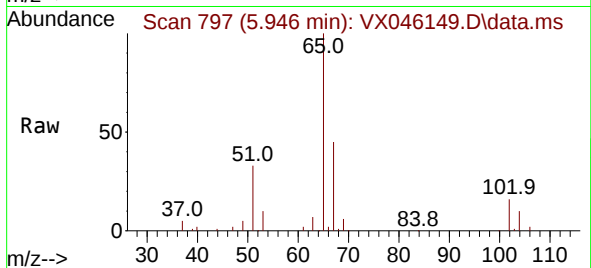
SOIL-STOCK

Tgt Ion: 65 Resp: 61646

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046149.D

Acq: 12 May 2025 19:26

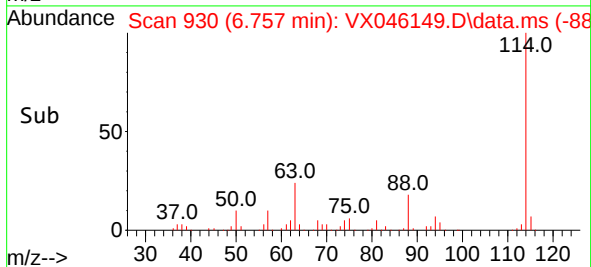
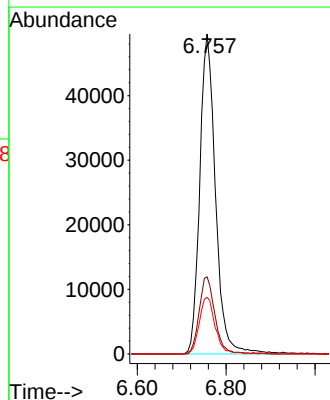
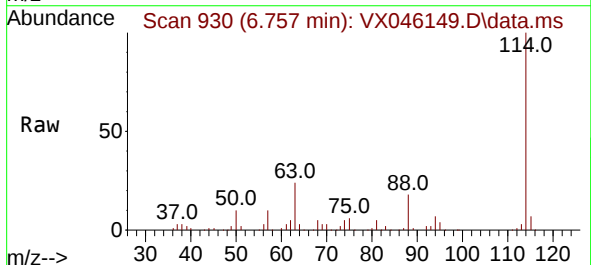
Tgt Ion: 114 Resp: 121882

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

88 17.7 0.0 33.6

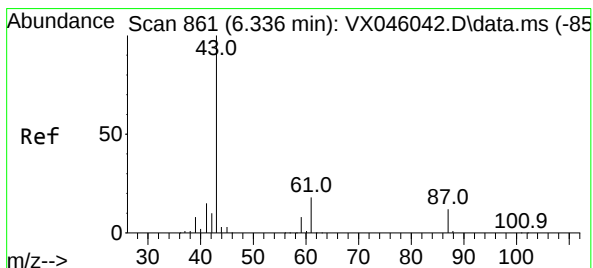
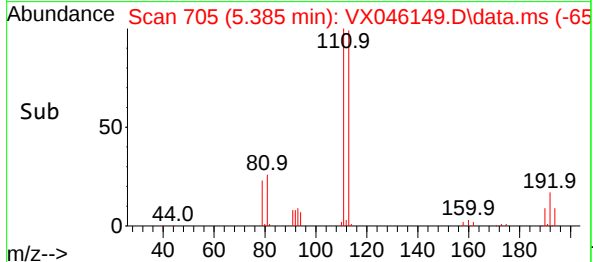
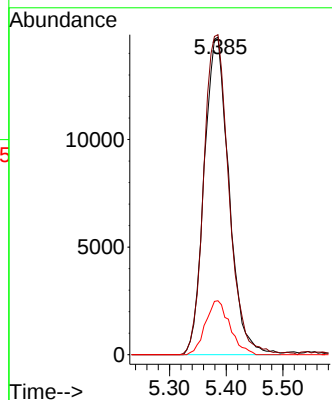
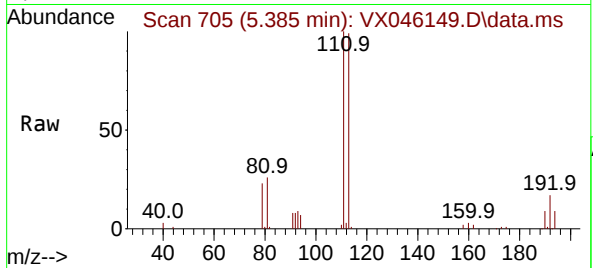




#35
Dibromofluoromethane
Concen: 51.101 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

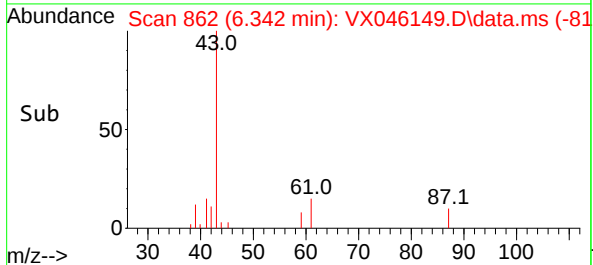
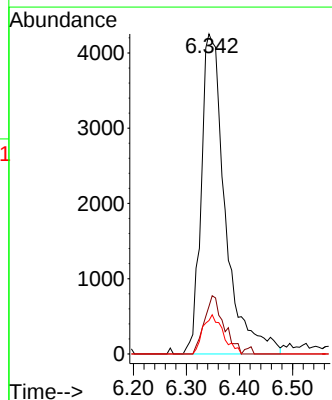
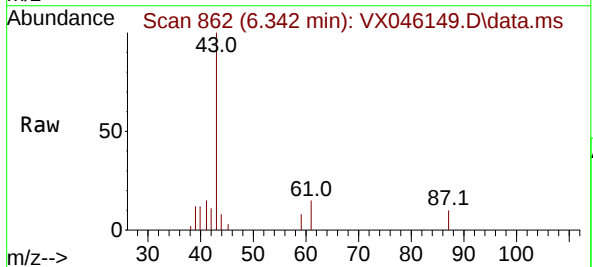
Instrument :
MSVOA_X
ClientSampleId :
SOIL-STOCK

Tgt Ion:113 Resp: 44850
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 16.7 13.3 19.9



#43
Isopropyl Acetate
Concen: 6.019 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

Tgt Ion: 43 Resp: 13378
Ion Ratio Lower Upper
43 100
61 14.6 14.3 21.5
87 10.3 9.5 14.3

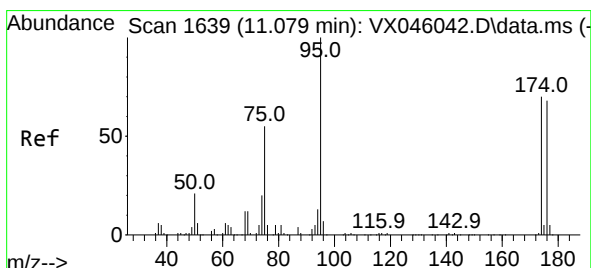
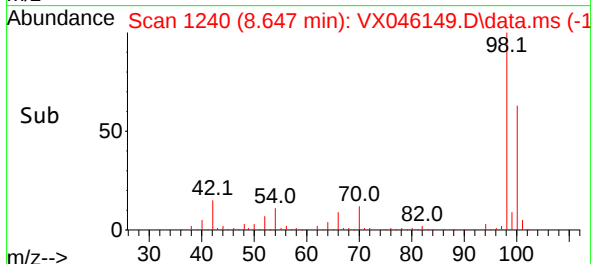
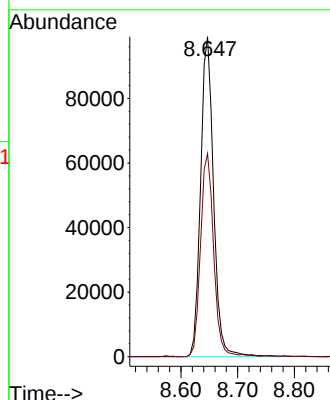
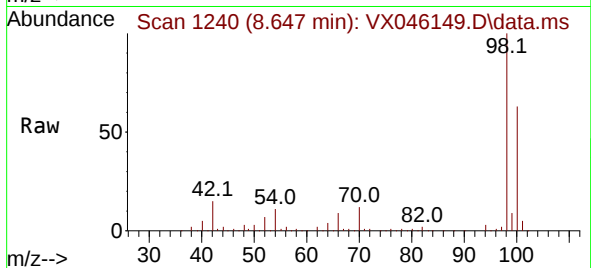




#50
Toluene-d8
Concen: 51.804 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

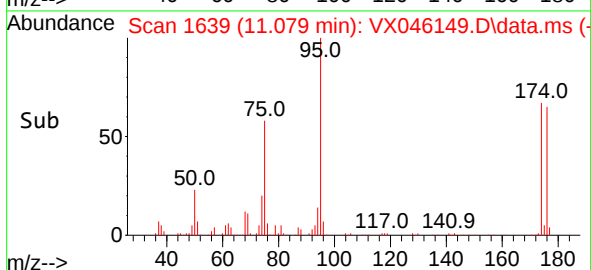
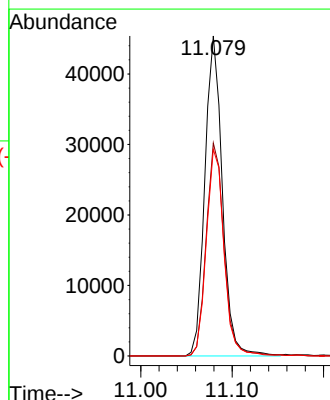
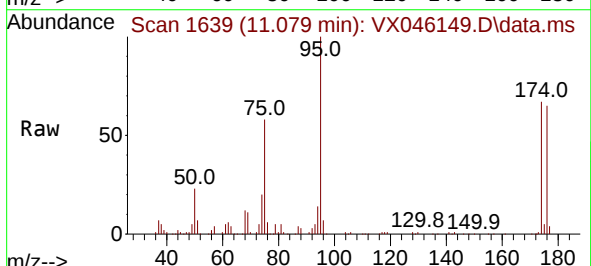
Instrument :
MSVOA_X
ClientSampleId :
SOIL-STOCK

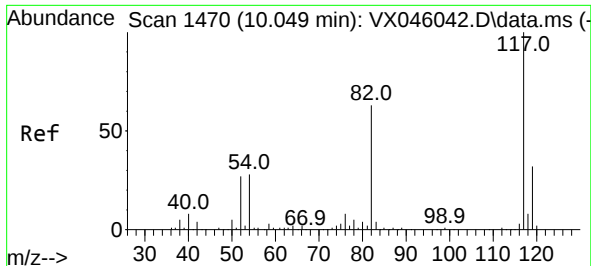
Tgt Ion: 98 Resp: 157367
Ion Ratio Lower Upper
98 100
100 64.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.828 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

Tgt Ion: 95 Resp: 60392
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.2 0.0 131.4

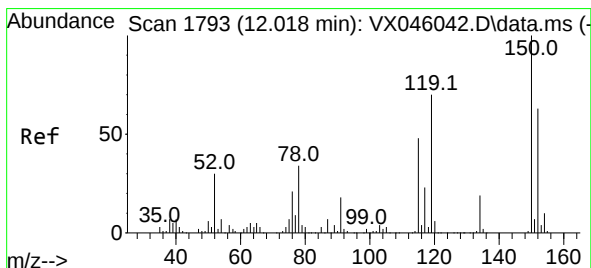
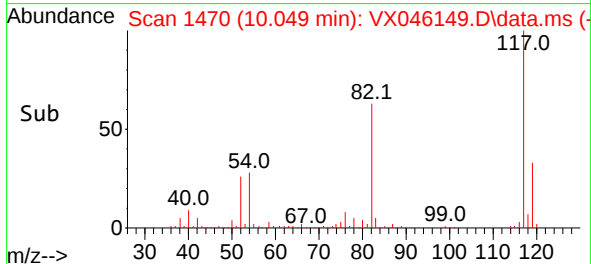
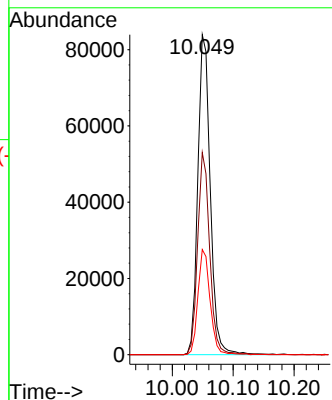
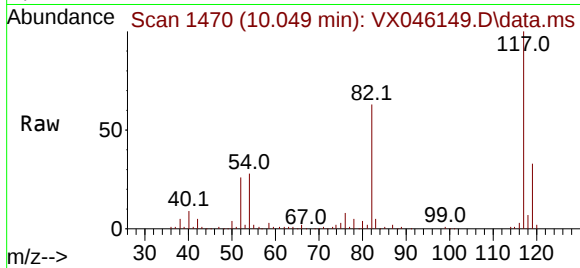




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

Instrument :
MSVOA_X
ClientSampleId :
SOIL-STOCK

Tgt Ion:117 Resp: 118844
Ion Ratio Lower Upper
117 100
82 63.2 50.6 76.0
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046149.D
Acq: 12 May 2025 19:26

Tgt Ion:152 Resp: 51751
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 157.1 0.0 351.0

