

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048189.D
 Acq On : 15 Oct 2025 14:35
 Operator : JC/MD
 Sample : Q3345-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2ND-STREET-SOIL

Quant Time: Oct 16 04:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

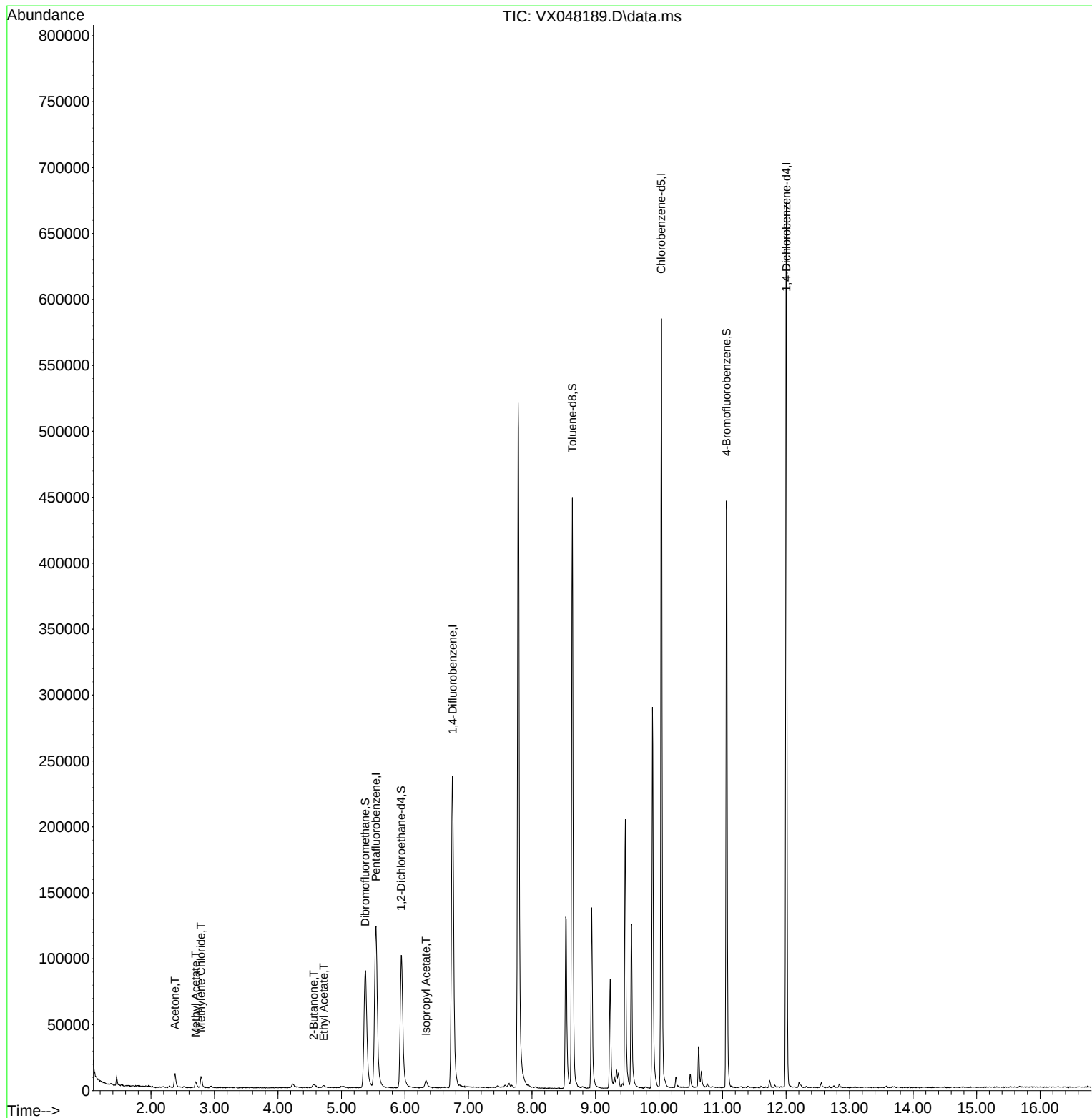
Internal Standards						
1) Pentafluorobenzene	5.544	168	121833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108855	56.132	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.260%	
35) Dibromofluoromethane	5.373	113	87681	51.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.360%	
50) Toluene-d8	8.635	98	271792	45.852	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.700%#	
62) 4-Bromofluorobenzene	11.061	95	128902	57.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.600%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	14205	16.846	ug/l	99
18) Methyl Acetate	2.703	43	6806	3.627	ug/l #	87
20) Methylene Chloride	2.788	84	3809	2.134	ug/l	97
25) 2-Butanone	4.562	43	7064	6.716	ug/l #	77
37) Ethyl Acetate	4.721	43	4366m	1.629	ug/l	
43) Isopropyl Acetate	6.330	43	9211	2.095	ug/l	95

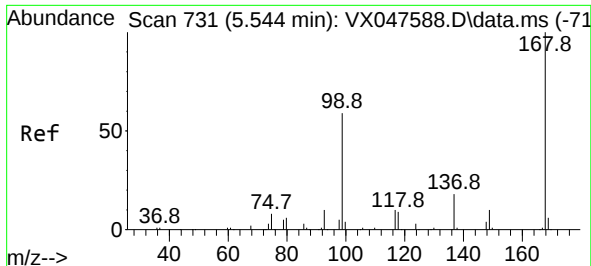
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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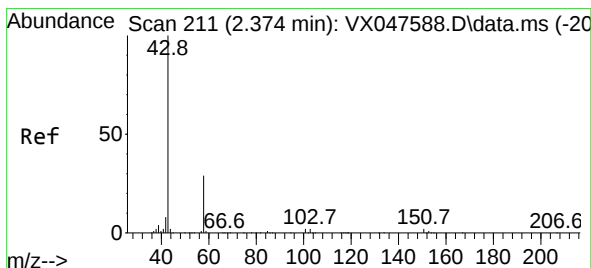
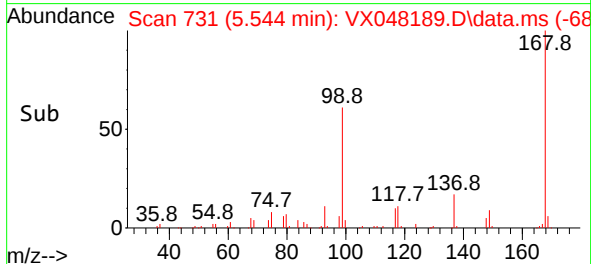
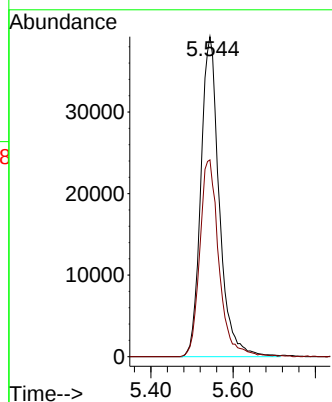
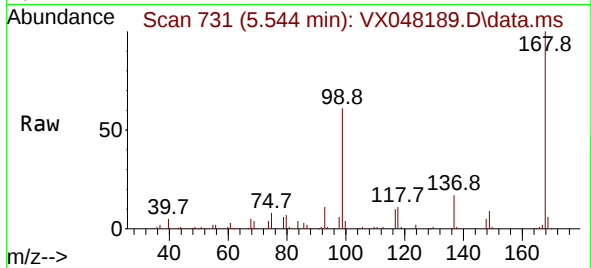




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

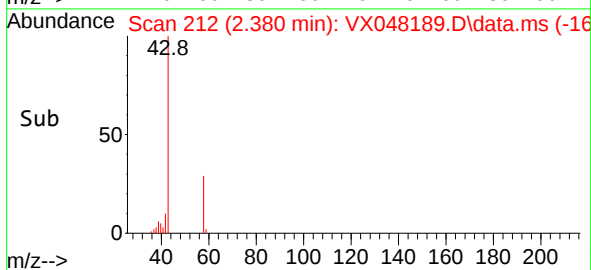
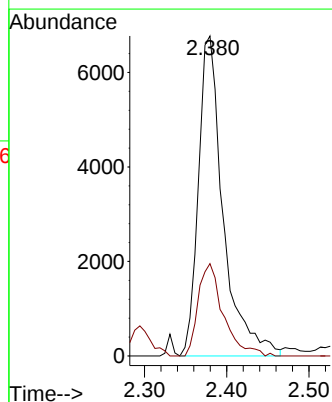
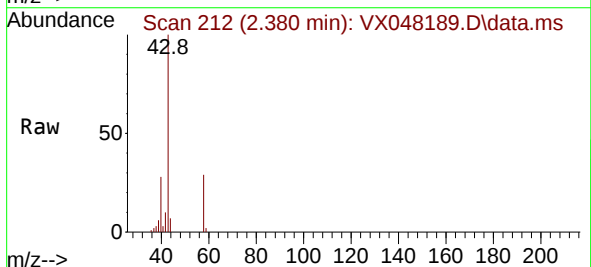
Instrument :
MSVOA_X
ClientSampleId :
2ND-STREET-SOIL

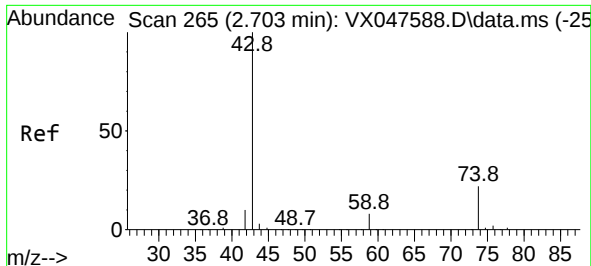
Tgt Ion:168 Resp: 121833
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#16
Acetone
Concen: 16.846 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 43 Resp: 14205
Ion Ratio Lower Upper
43 100
58 28.8 23.4 35.0

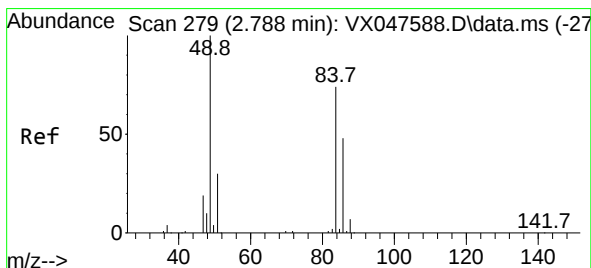
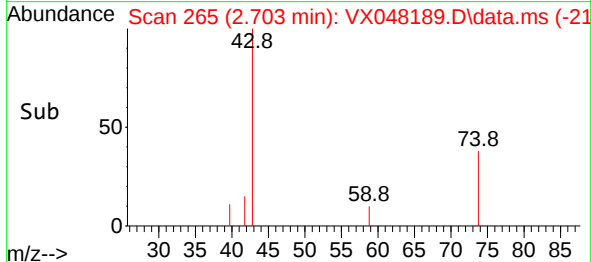
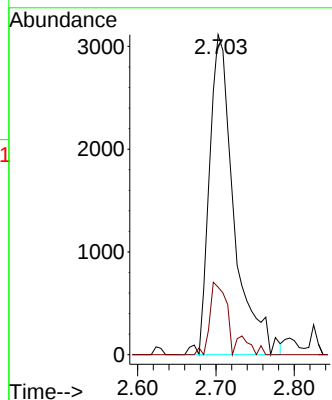
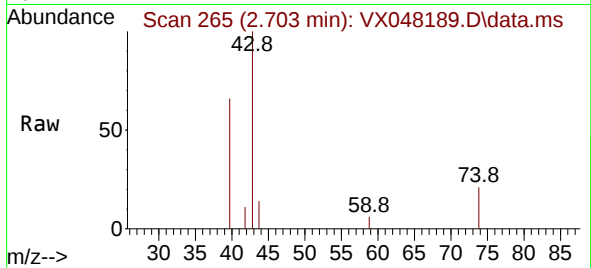




#18
Methyl Acetate
Concen: 3.627 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

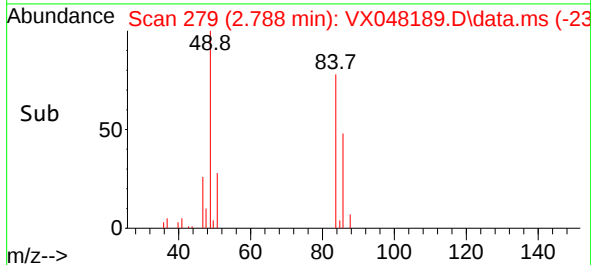
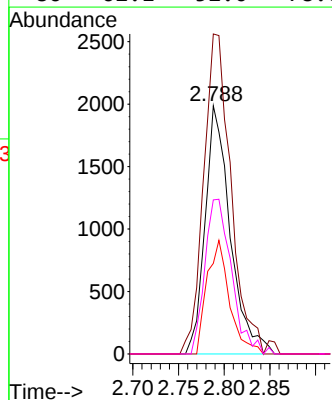
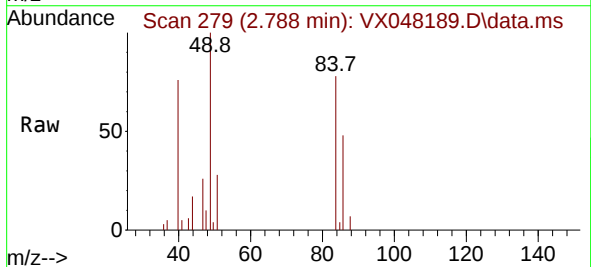
Instrument :
MSVOA_X
ClientSampleId :
2ND-STREET-SOIL

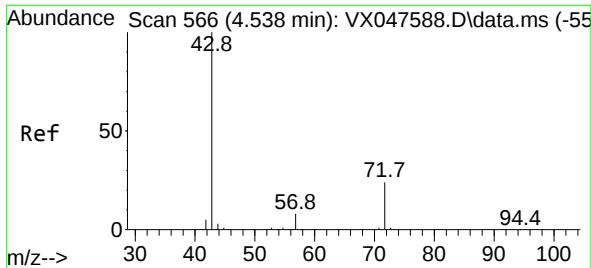
Tgt Ion: 43 Resp: 6806
Ion Ratio Lower Upper
43 100
74 15.7 17.4 26.2#



#20
Methylene Chloride
Concen: 2.134 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 84 Resp: 3809
Ion Ratio Lower Upper
84 100
49 134.2 108.6 162.8
51 36.5 32.6 48.8
86 62.1 52.0 78.0

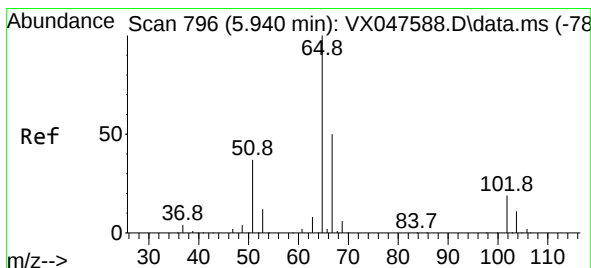
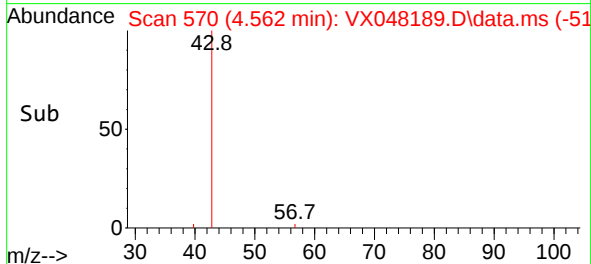
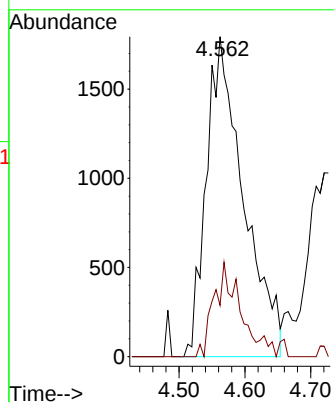
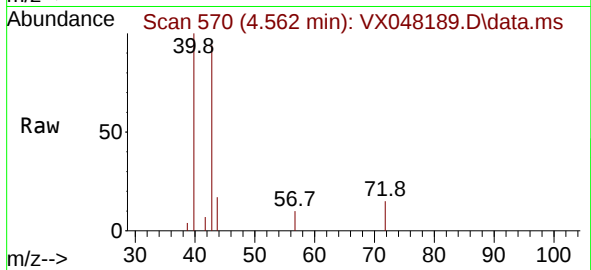




#25
2-Butanone
Concen: 6.716 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

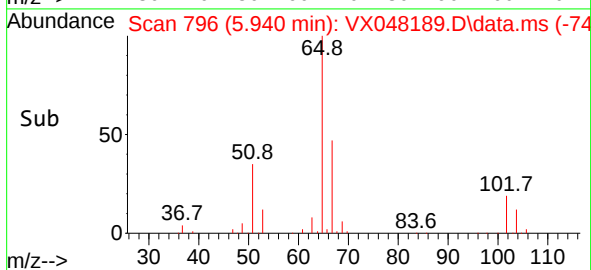
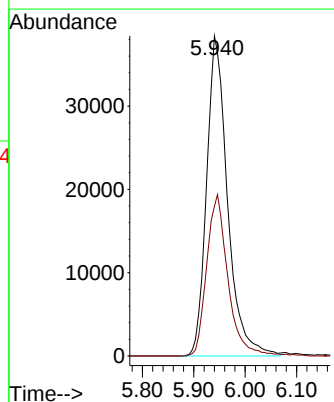
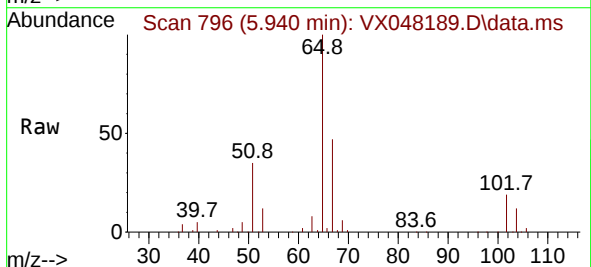
Instrument :
MSVOA_X
ClientSampleId :
2ND-STREET-SOIL

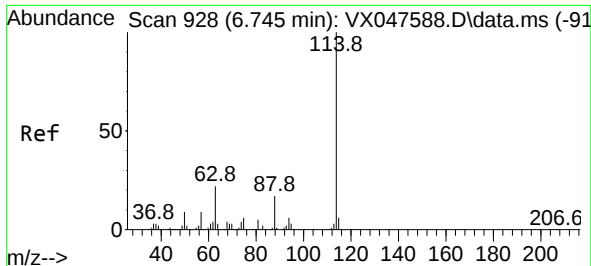
Tgt Ion: 43 Resp: 7064
Ion Ratio Lower Upper
43 100
72 13.6 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 56.132 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 65 Resp: 108855
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

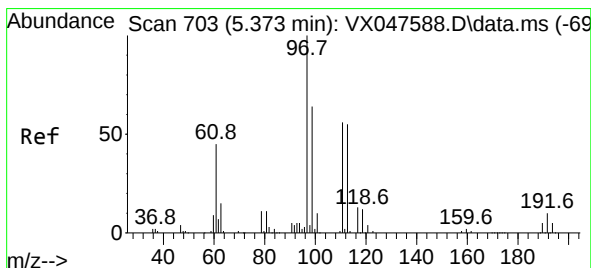
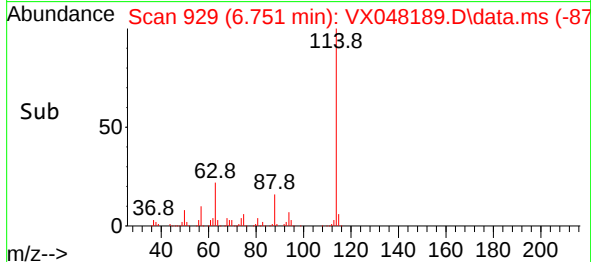
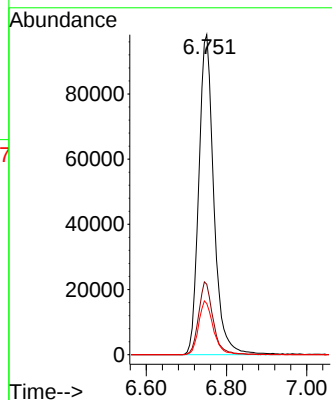
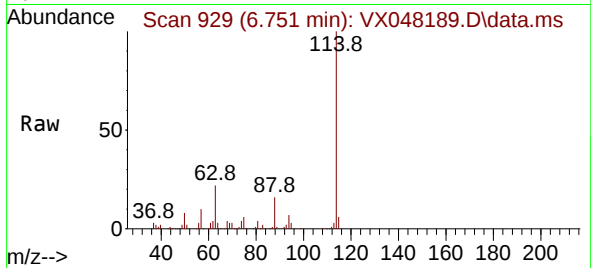




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

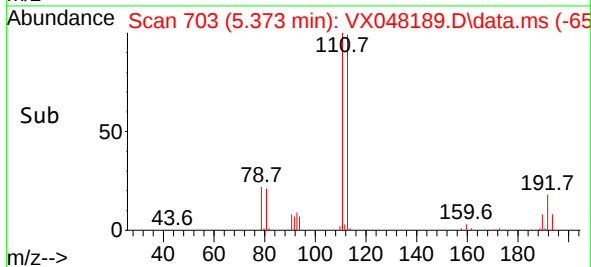
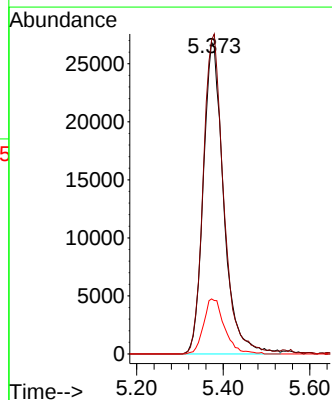
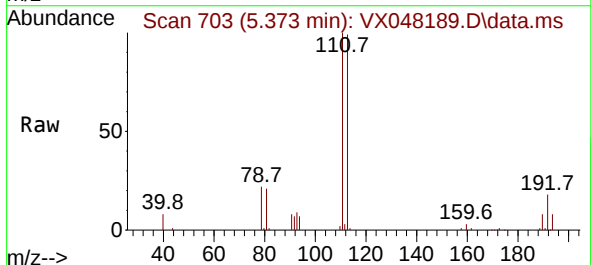
Instrument :
MSVOA_X
ClientSampleId :
2ND-STREET-SOIL

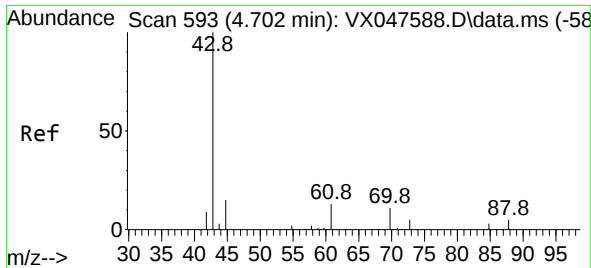
Tgt Ion:114 Resp: 255431
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.184 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion:113 Resp: 87681
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 18.1 14.2 21.4

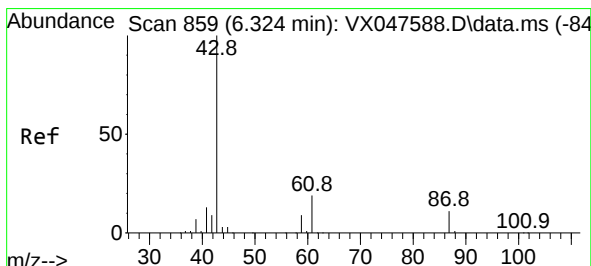
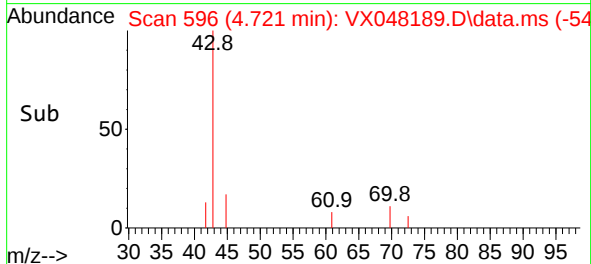
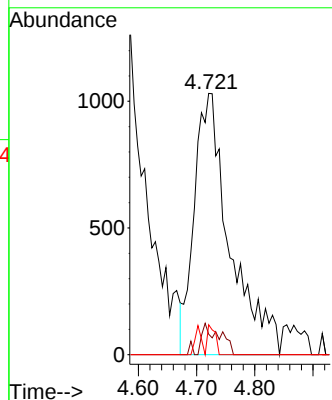
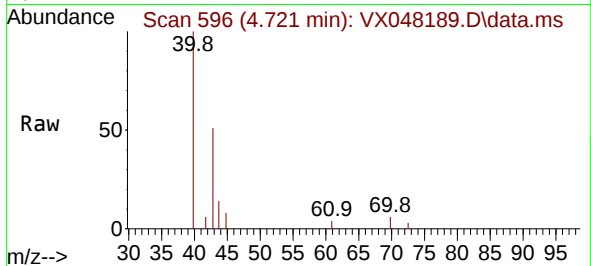




#37
Ethyl Acetate
Concen: 1.629 ug/l m
RT: 4.721 min Scan# 593
Delta R.T. 0.018 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

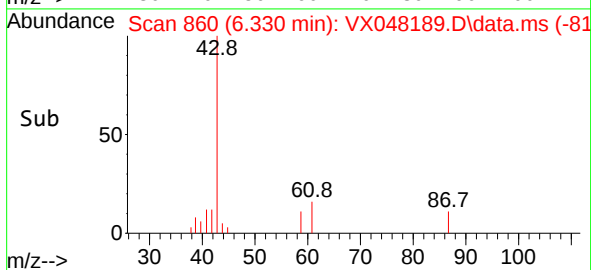
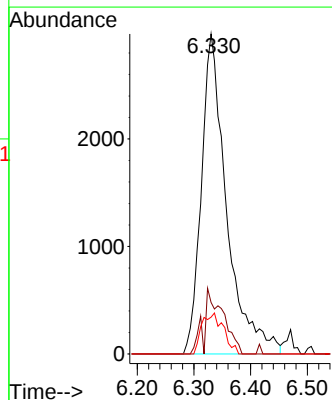
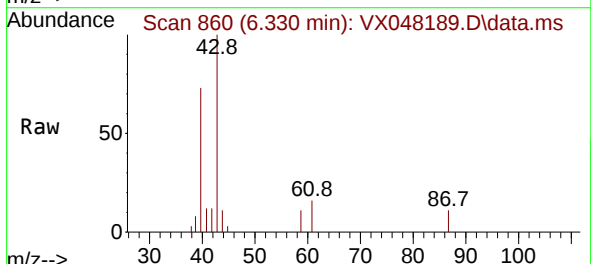
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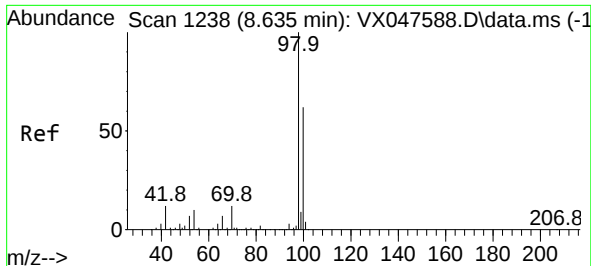
Tgt Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 7.9 11.9#



#43
Isopropyl Acetate
Concen: 2.095 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 43 Resp: 9211
Ion Ratio Lower Upper
43 100
61 15.8 15.2 22.8
87 11.0 9.6 14.4

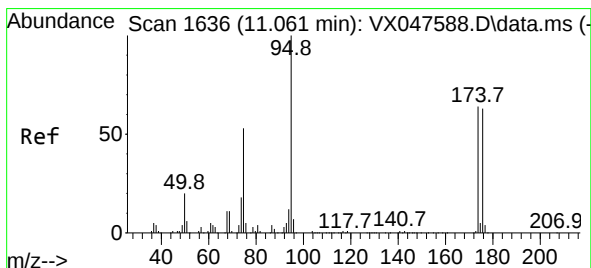
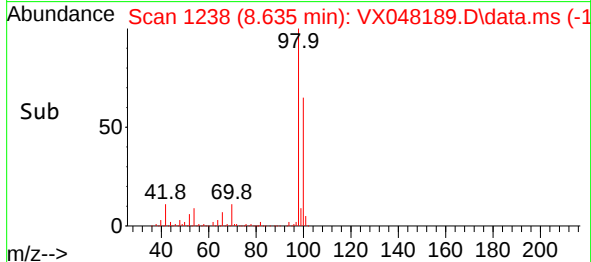
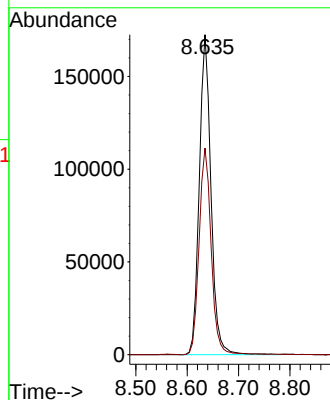
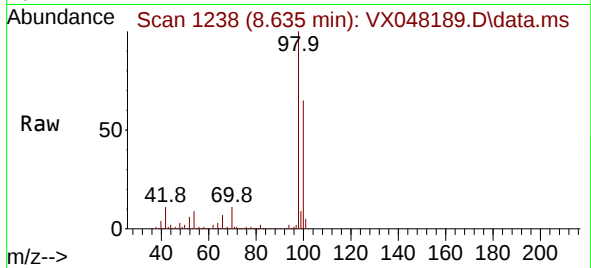




#50
Toluene-d8
Concen: 45.852 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

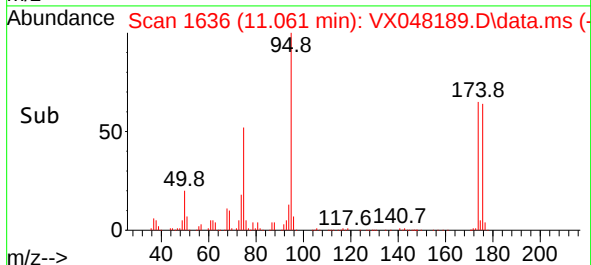
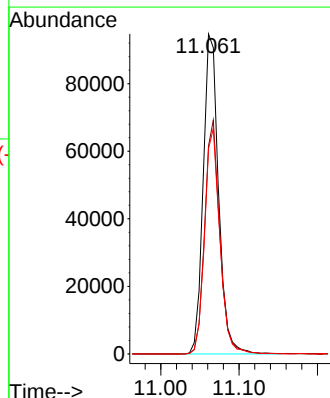
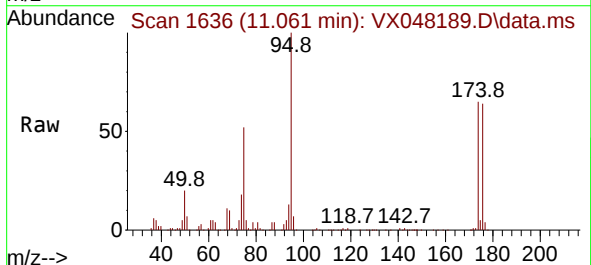
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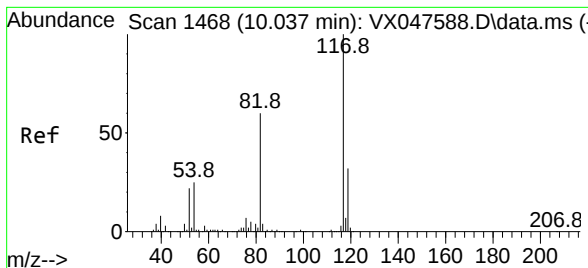
Tgt Ion: 98 Resp: 271792
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.300 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 95 Resp: 128902
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.8 0.0 138.4

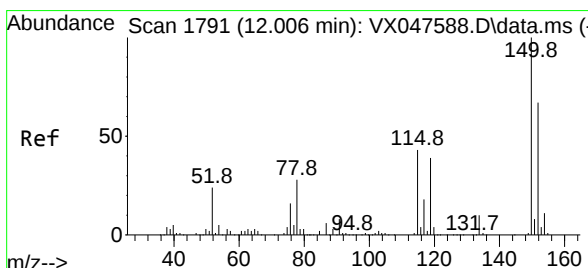
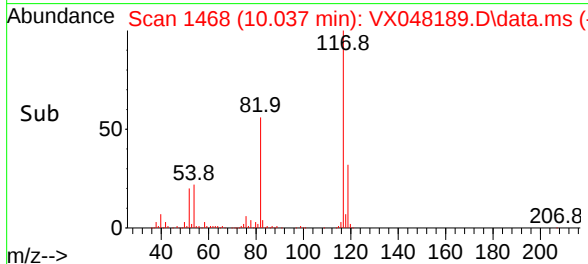
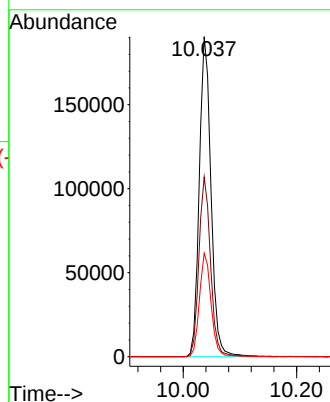
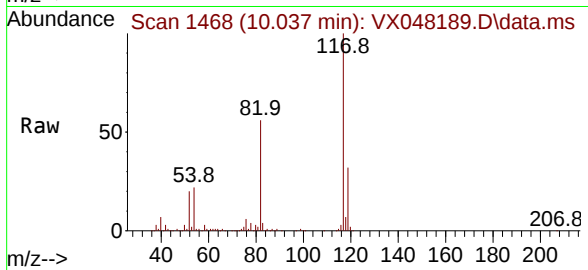




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

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Tgt Ion:117 Resp: 272806
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion:152 Resp: 137710
Ion Ratio Lower Upper
152 100
115 61.7 44.9 134.5
150 155.1 0.0 352.0

