

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047133.D
 Acq On : 25 Jul 2025 11:38
 Operator : JC/MD
 Sample : Q2655-01MEDL 20X
 Misc : 4.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOILMEDL

Quant Time: Jul 26 00:25:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

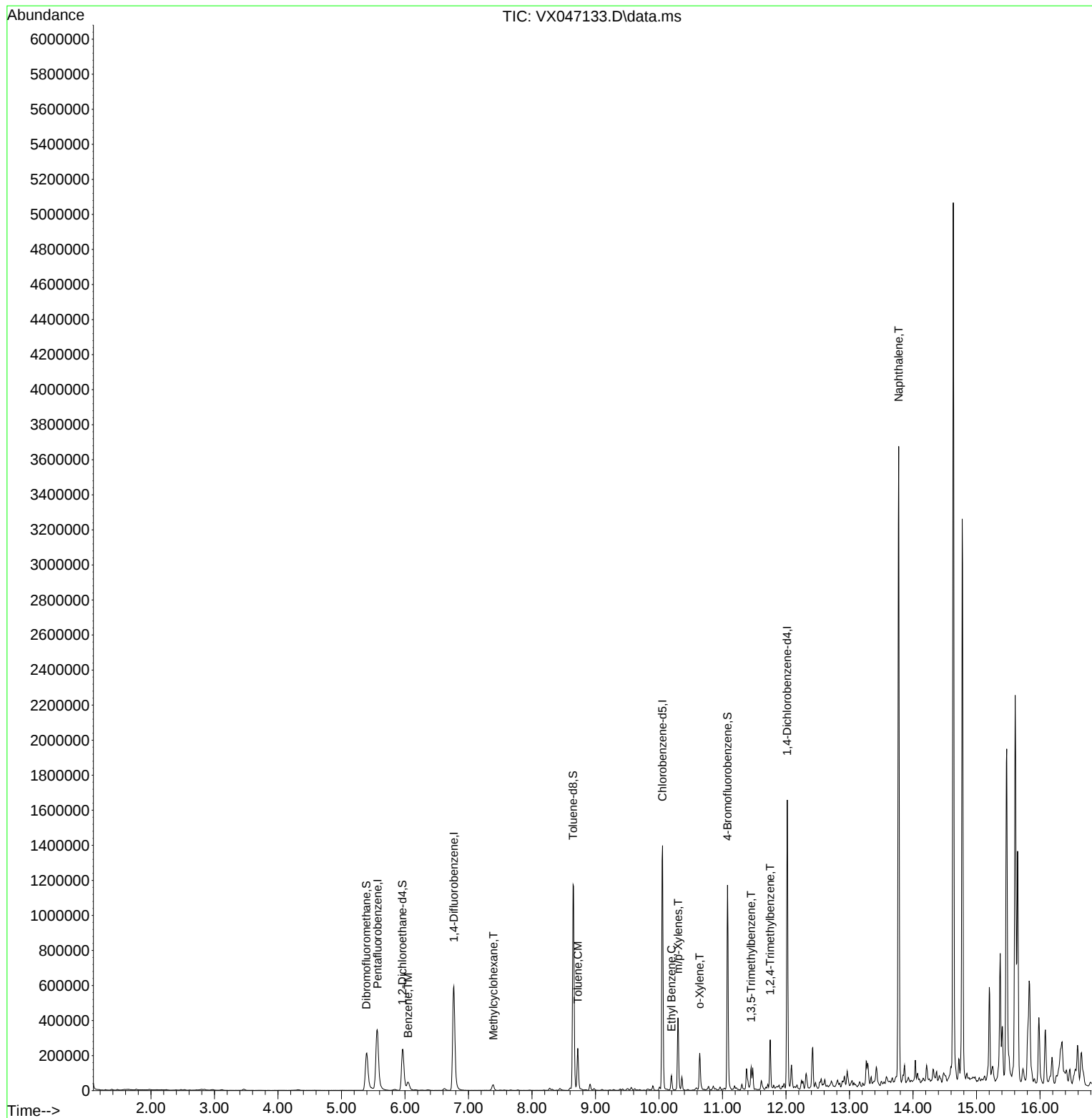
Internal Standards						
1) Pentafluorobenzene	5.568	168	351884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	644625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	616186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	319345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	252426	57.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.180%	
35) Dibromofluoromethane	5.391	113	205898	51.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	728946	56.553	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 113.100%#	
62) 4-Bromofluorobenzene	11.079	95	311672	56.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.220%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.391	83	14674	1.732	ug/l	89
40) Benzene	6.050	78	56605	2.883	ug/l	96
52) Toluene	8.720	92	89568	7.419	ug/l	99
67) Ethyl Benzene	10.195	91	48098	1.906	ug/l	97
68) m/p-Xylenes	10.299	106	93699	9.920	ug/l	98
69) o-Xylene	10.640	106	42951	4.780	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	52276	2.512	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	118276	5.697	ug/l	97
95) Naphthalene	13.774	128	2124902	99.970	ug/l	99

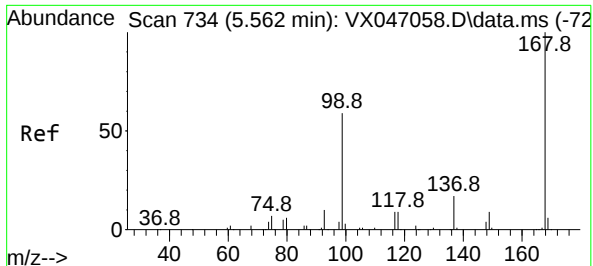
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047133.D
Acq On : 25 Jul 2025 11:38
Operator : JC/MD
Sample : Q2655-01MEDL 20X
Misc : 4.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

Quant Time: Jul 26 00:25:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

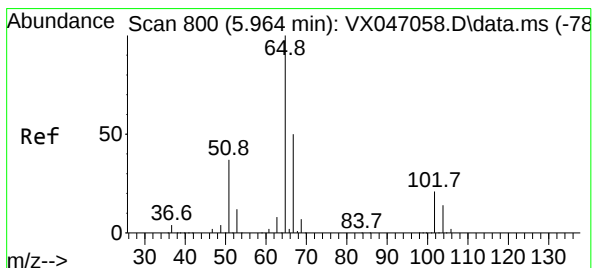
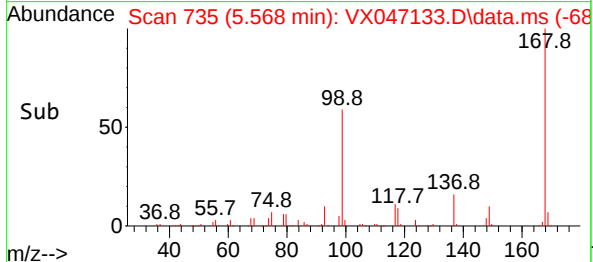
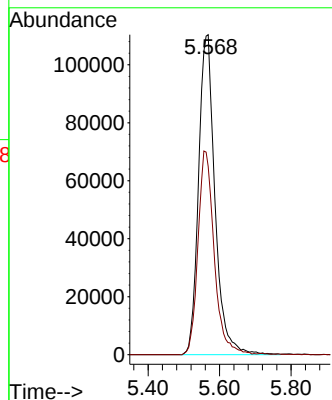
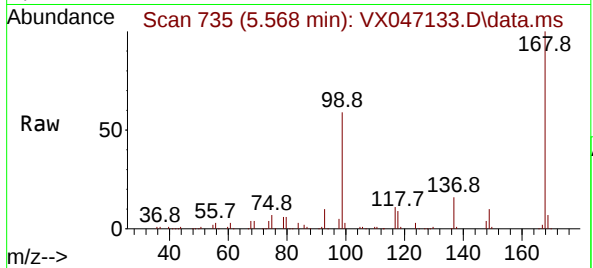




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

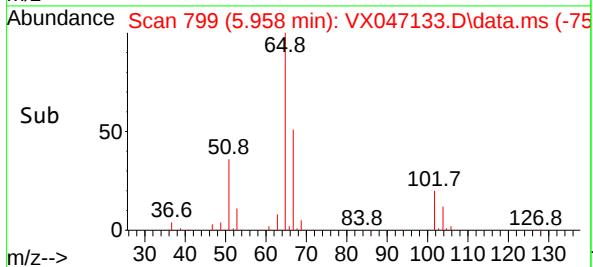
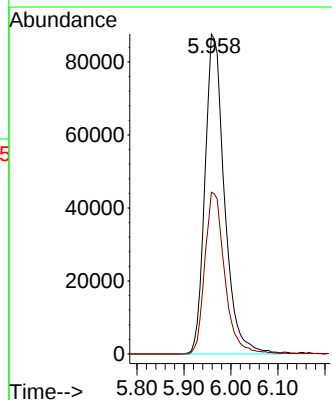
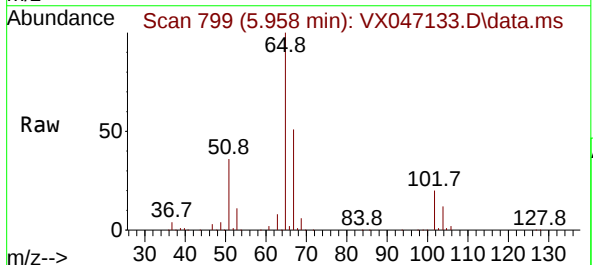
Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

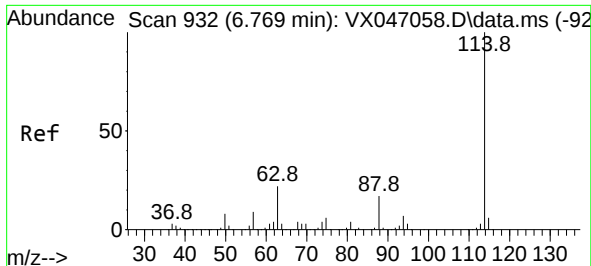
Tgt Ion:168 Resp: 351884
Ion Ratio Lower Upper
168 100
99 58.8 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 57.587 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

Tgt Ion: 65 Resp: 252426
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

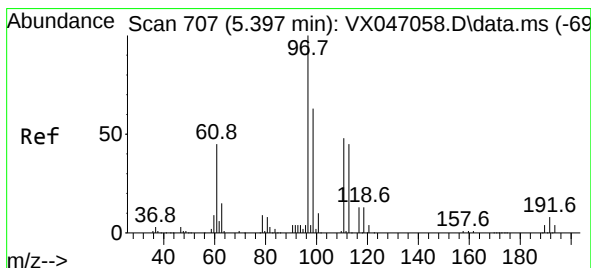
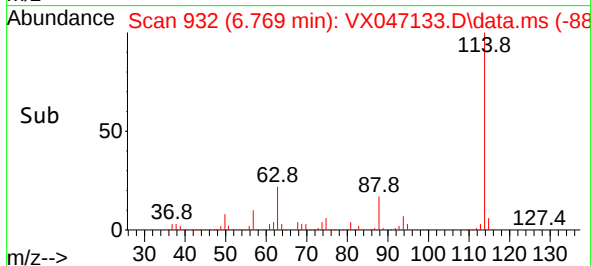
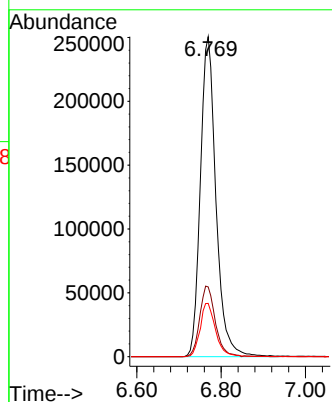
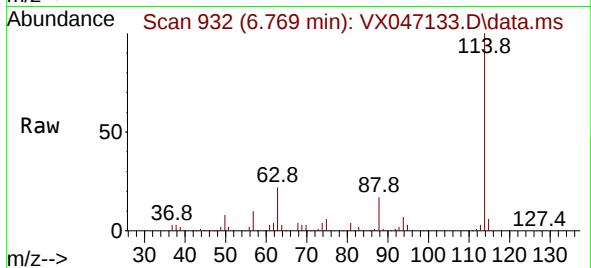




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

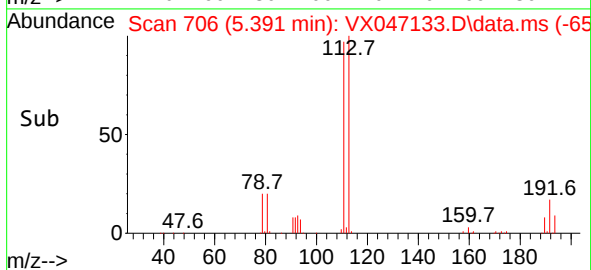
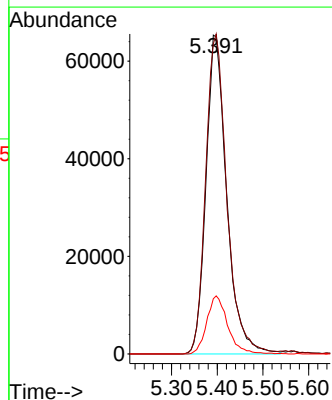
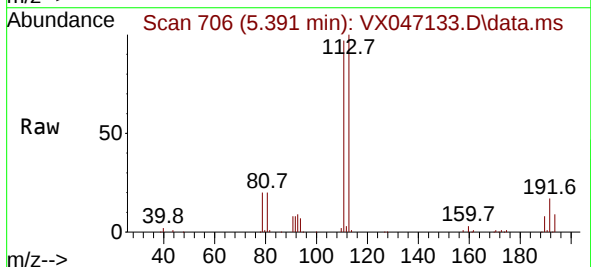
Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

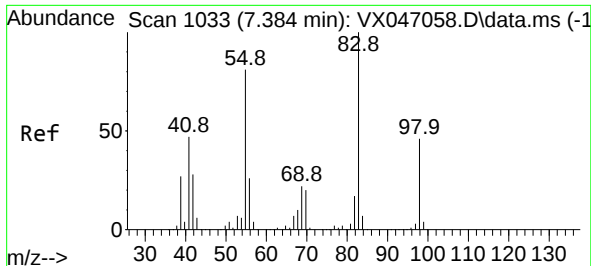
Tgt Ion:114 Resp: 644625
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.732 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

Tgt Ion:113 Resp: 205898
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.4 14.9 22.3

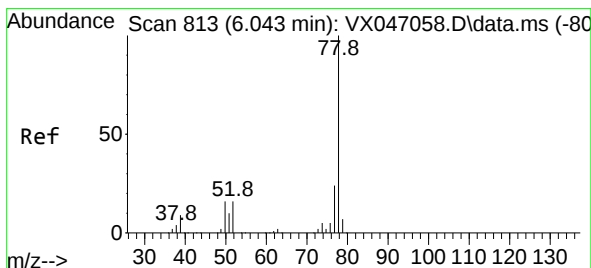
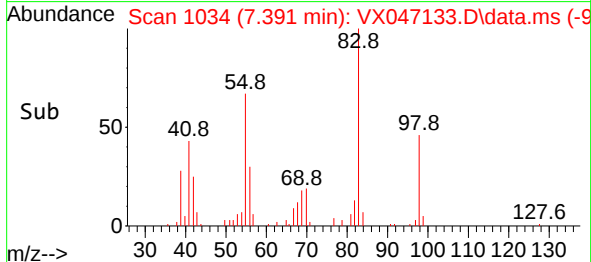
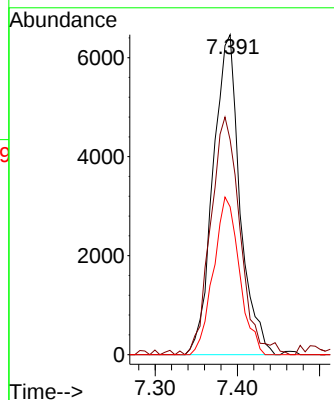
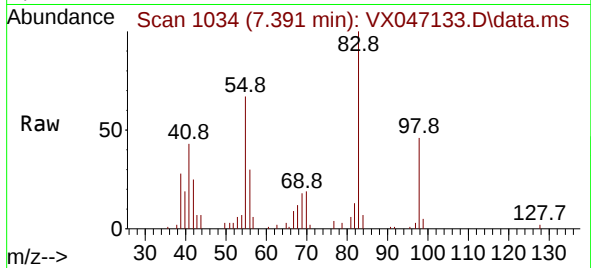




#39
Methylcyclohexane
Concen: 1.732 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.007 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

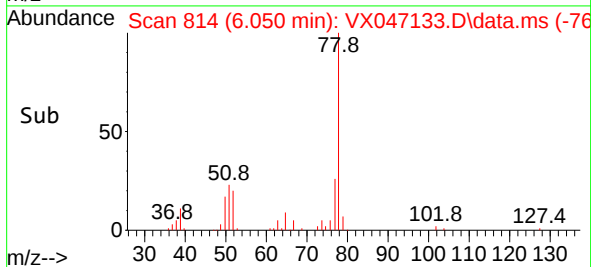
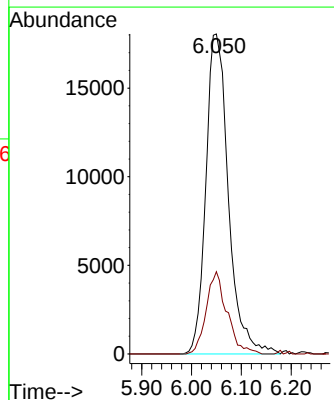
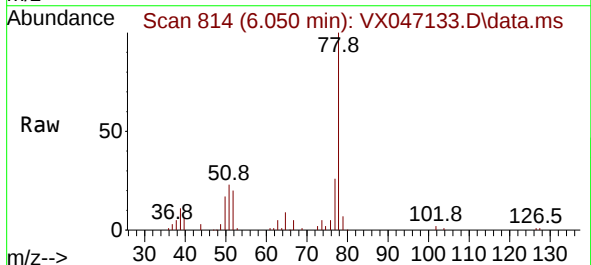
Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

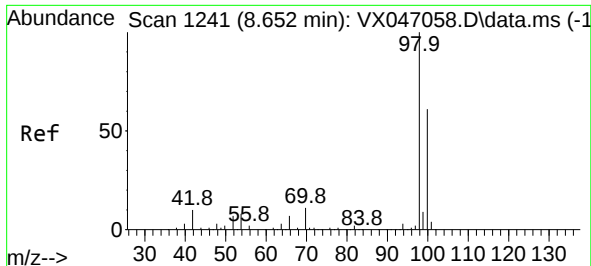
Tgt Ion: 83 Resp: 14674
Ion Ratio Lower Upper
83 100
55 66.0 64.5 96.7
98 46.2 36.9 55.3



#40
Benzene
Concen: 2.883 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.007 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

Tgt Ion: 78 Resp: 56605
Ion Ratio Lower Upper
78 100
77 25.7 19.0 28.4

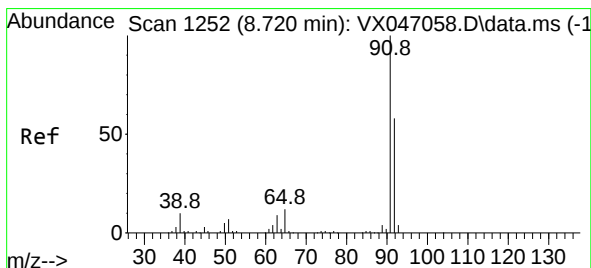
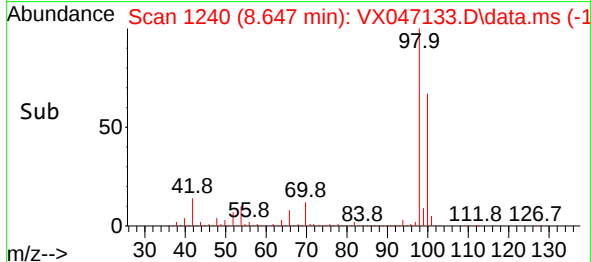
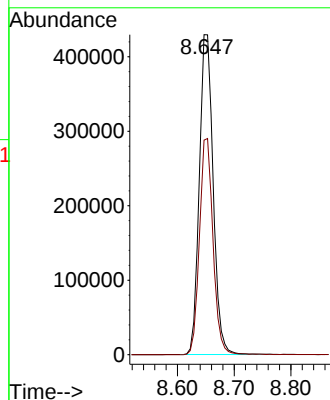
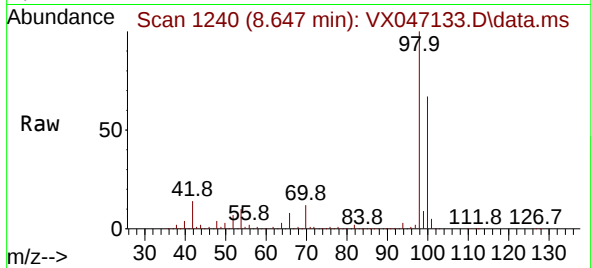




#50
Toluene-d8
Concen: 56.553 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

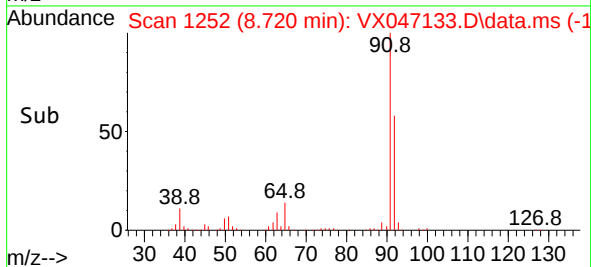
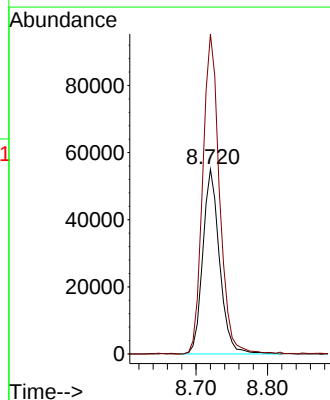
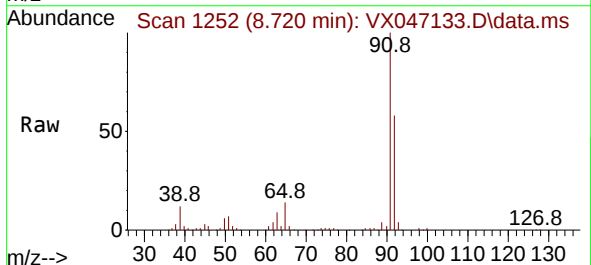
Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

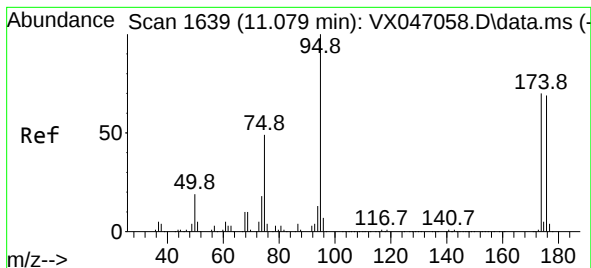
Tgt Ion: 98 Resp: 728946
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#52
Toluene
Concen: 7.419 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

Tgt Ion: 92 Resp: 89568
Ion Ratio Lower Upper
92 100
91 174.2 137.9 206.9

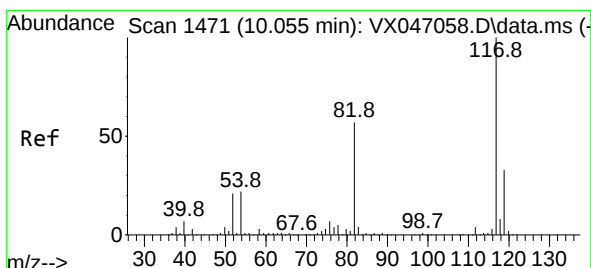
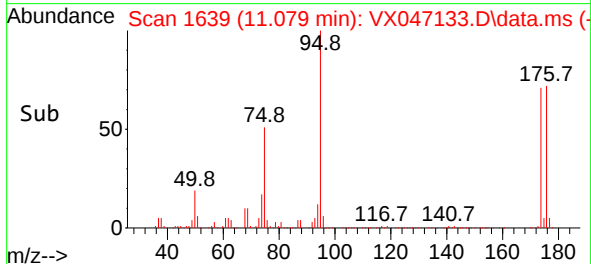
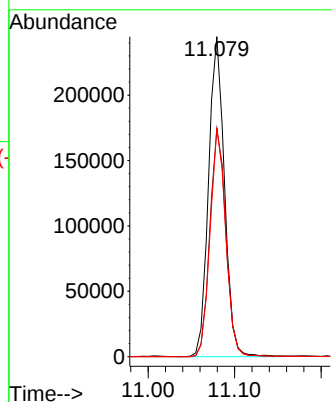
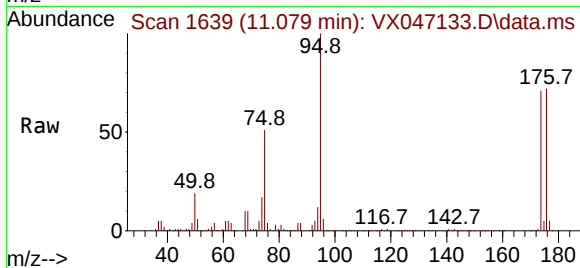




#62
4-Bromofluorobenzene
Concen: 56.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

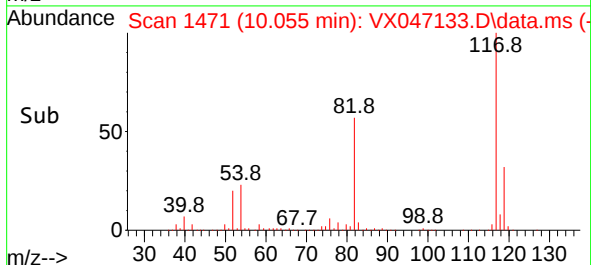
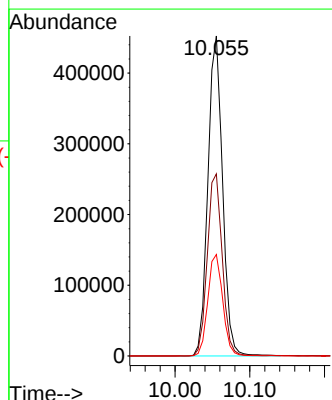
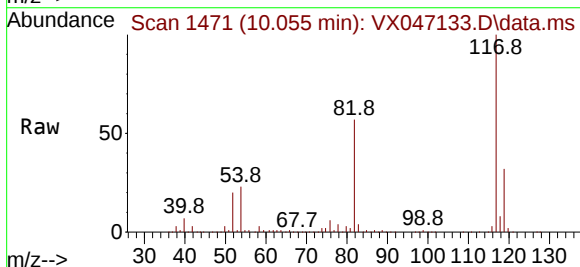
Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

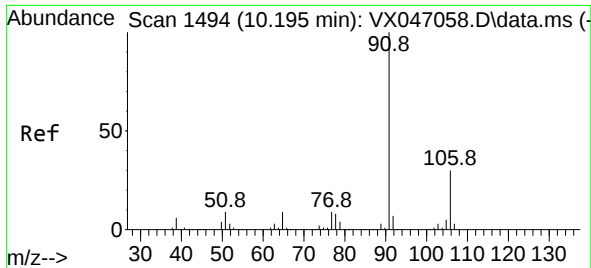
Tgt Ion: 95 Resp: 311672
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 70.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

Tgt Ion: 117 Resp: 616186
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.7 26.1 39.1

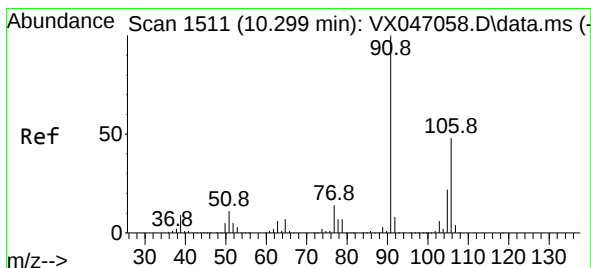
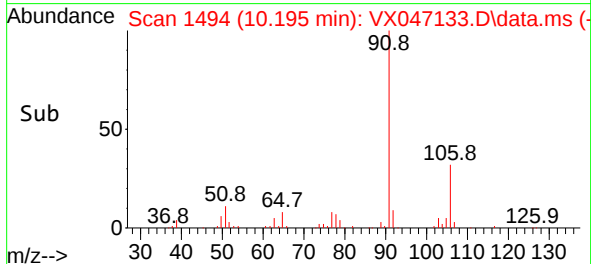
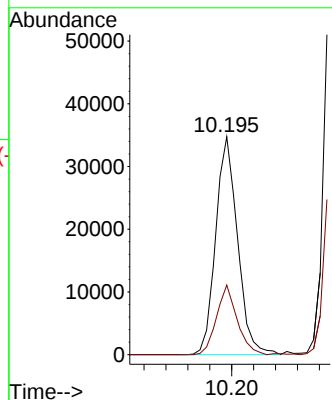
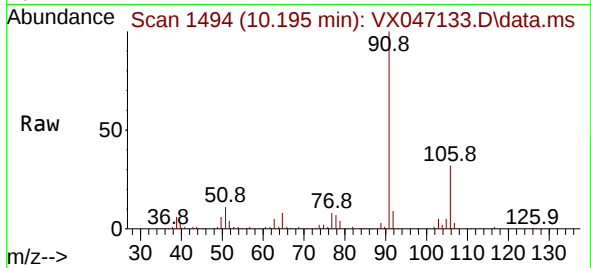




#67
Ethyl Benzene
Concen: 1.906 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.001 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

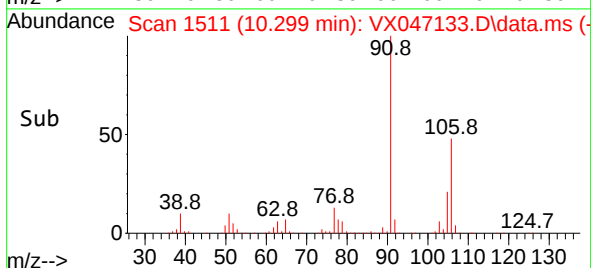
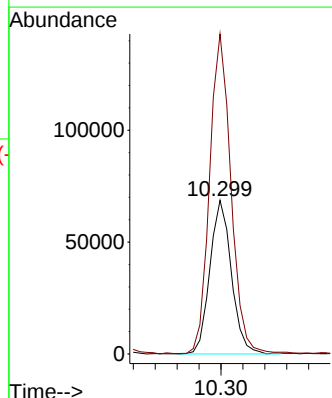
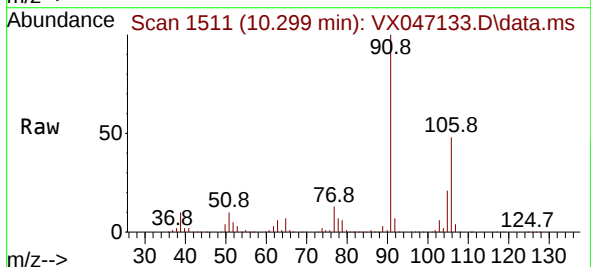
Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

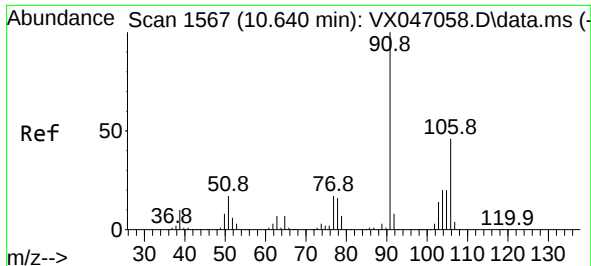
Tgt Ion: 91 Resp: 48098
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



#68
m/p-Xylenes
Concen: 9.920 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.001 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

Tgt Ion:106 Resp: 93699
Ion Ratio Lower Upper
106 100
91 206.1 167.4 251.0

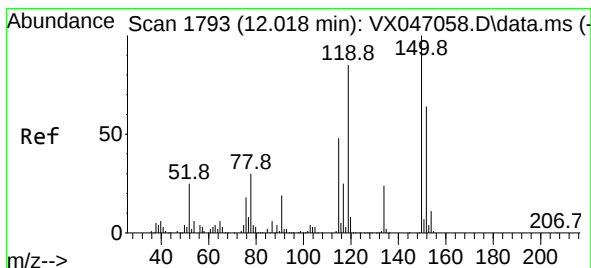
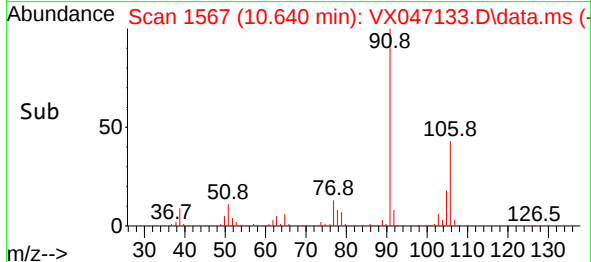
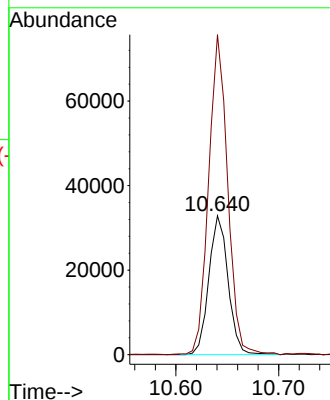
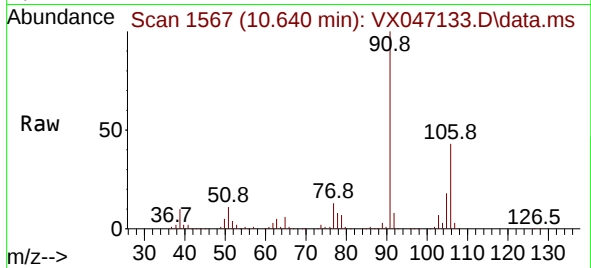




#69
o-Xylene
Concen: 4.780 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

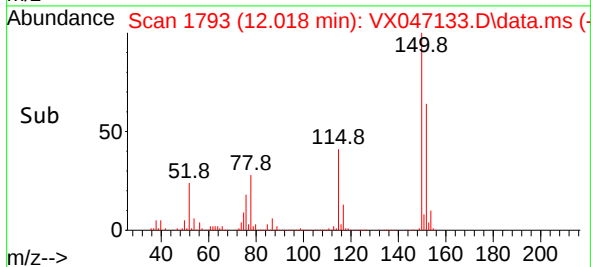
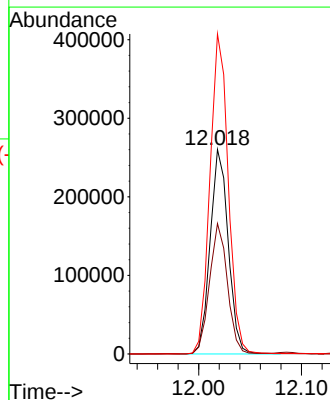
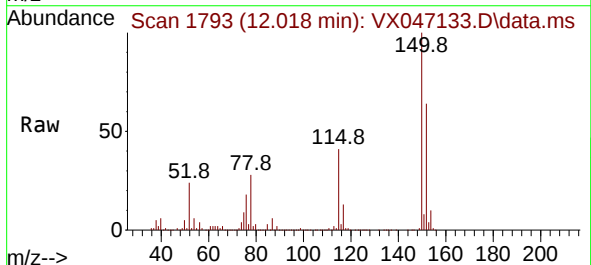
Instrument :
MSVOA_X
ClientSampleId :
SOILMEDL

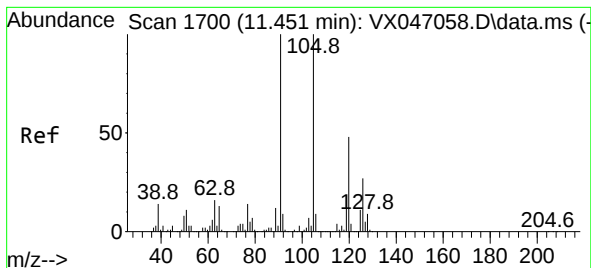
Tgt Ion:106 Resp: 42951
Ion Ratio Lower Upper
106 100
91 227.5 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047133.D
Acq: 25 Jul 2025 11:38

Tgt Ion:152 Resp: 319345
Ion Ratio Lower Upper
152 100
115 62.9 45.6 136.7
150 158.6 0.0 354.6





#80

1,3,5-Trimethylbenzene

Concen: 2.512 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047133.D

Acq: 25 Jul 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

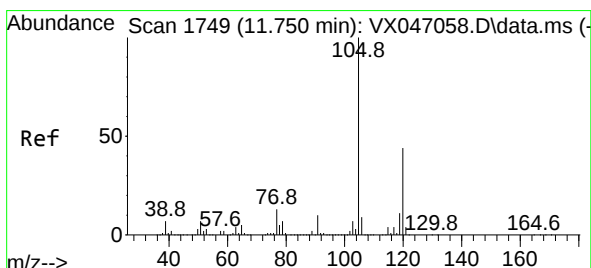
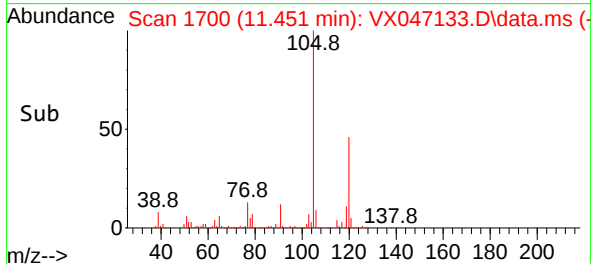
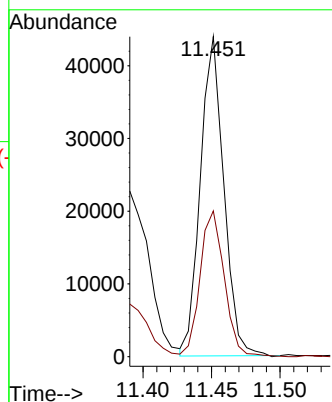
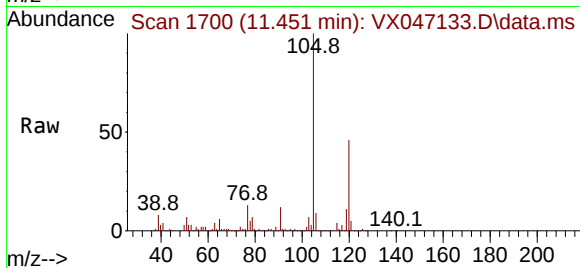
SOILMEDL

Tgt Ion:105 Resp: 52276

Ion Ratio Lower Upper

105 100

120 47.2 23.8 71.5



#84

1,2,4-Trimethylbenzene

Concen: 5.697 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX047133.D

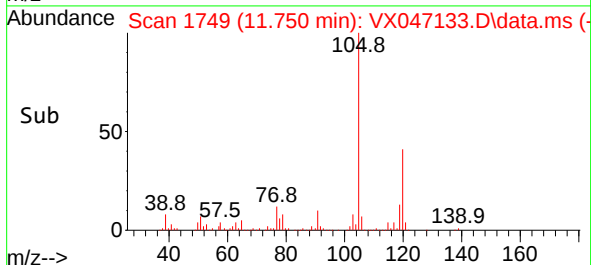
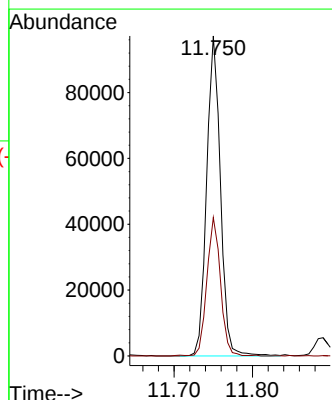
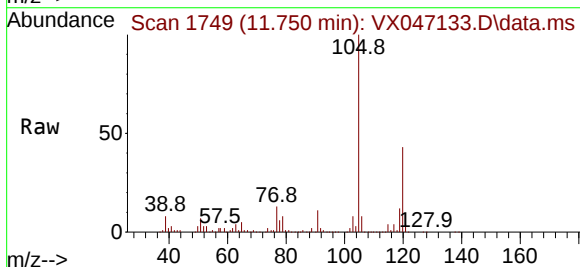
Acq: 25 Jul 2025 11:38

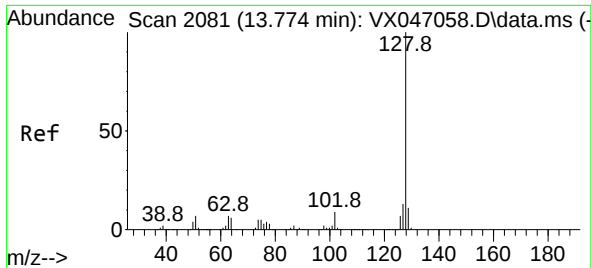
Tgt Ion:105 Resp: 118276

Ion Ratio Lower Upper

105 100

120 42.0 22.0 66.0





#95

Naphthalene

Concen: 99.970 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.001 min

Lab File: VX047133.D

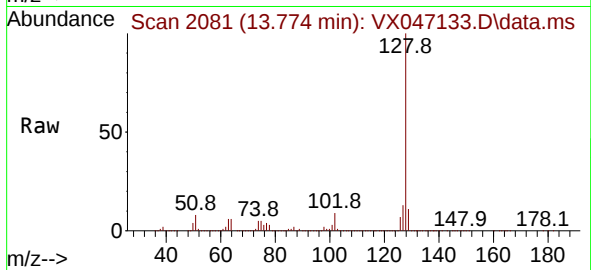
Acq: 25 Jul 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

SOILMEDL



Tgt Ion:128 Resp: 2124902

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.1 8.6 13.0

