

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047140.D
 Acq On : 25 Jul 2025 14:08
 Operator : JC/MD
 Sample : Q2655-01ME
 Misc : 4.56g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOILME

Quant Time: Jul 26 00:30:57 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	5.562	168	440279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	800109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	727271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	302573	55.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.340%
35) Dibromofluoromethane	5.397	113	238412	48.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.653	98	881597	55.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.200%
62) 4-Bromofluorobenzene	11.079	95	320261	46.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.900%
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	2340	0.693	ug/l	97
10) Methyl Iodide	2.459	142	48179	8.462	ug/l	96
11) Tert butyl alcohol	2.965	59	7664	1.739	ug/l #	72
14) Allyl chloride	2.739	41	8712	0.871	ug/l #	25
15) Acrylonitrile	3.105	53	1626	0.622	ug/l #	48
16) Acetone	2.410	43	11530	5.248	ug/l #	85
18) Methyl Acetate	2.727	43	8113	1.390	ug/l	98
20) Methylene Chloride	2.800	84	3094	0.512	ug/l #	91
31) Cyclohexane	5.483	56	132709	12.944	ug/l	95
36) 1,1-Dichloropropene	5.556	75	37353	4.436	ug/l #	42
38) Carbon Tetrachloride	5.562	117	48628	5.410	ug/l #	16
39) Methylcyclohexane	7.385	83	326202	31.026	ug/l	100
40) Benzene	6.044	78	1228275	50.401	ug/l	99
42) 1,2-Dichloroethane	6.050	62	11944	1.391	ug/l #	74
43) Isopropyl Acetate	6.361	43	5328	0.440	ug/l #	62
45) 1,2-Dichloropropane	7.385	63	3578	0.586	ug/l #	1
48) Methyl methacrylate	7.659	41	10200	1.548	ug/l #	48
51) 4-Methyl-2-Pentanone	8.598	43	15592	2.169	ug/l #	37
52) Toluene	8.720	92	1892766	126.313	ug/l	97
55) 1,1,2-Trichloroethane	9.104	97	42524	7.567	ug/l #	19
56) Ethyl methacrylate	9.104	69	10362	1.246	ug/l #	1
59) 2-Hexanone	9.226	43	4433	0.933	ug/l	75
67) Ethyl Benzene	10.195	91	996904	33.465	ug/l	100
68) m/p-Xylenes	10.299	106	1838871	164.954	ug/l	99
69) o-Xylene	10.640	106	851069	80.251	ug/l	98
70) Styrene	10.653	104	153066	8.417	ug/l #	14
73) Isopropylbenzene	10.964	105	154787	6.153	ug/l	99
74) N-amyl acetate	10.854	43	44590	4.393	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.220	83	21707	3.021	ug/l #	25
76) 1,2,3-Trichloropropane	11.378	75	13226	2.241	ug/l #	1
78) n-propylbenzene	11.305	91	358314	11.919	ug/l	100
79) 2-Chlorotoluene	11.378	91	173653	9.663	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	951390	45.775	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	169825	74.129	ug/l #	10
82) 4-Chlorotoluene	11.451	91	108496	5.172	ug/l #	47
83) tert-Butylbenzene	11.713	119	24901	1.194	ug/l	83

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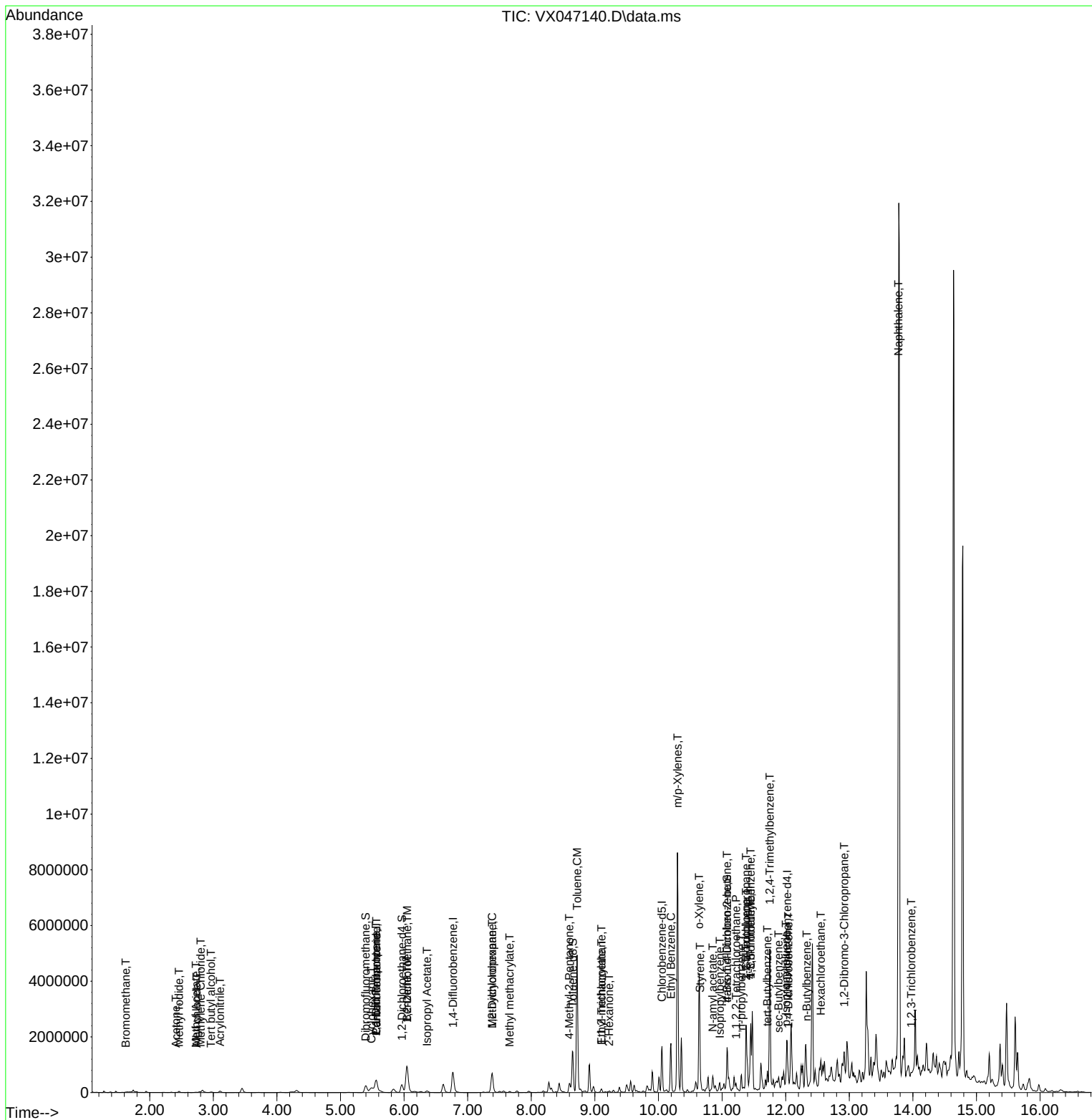
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

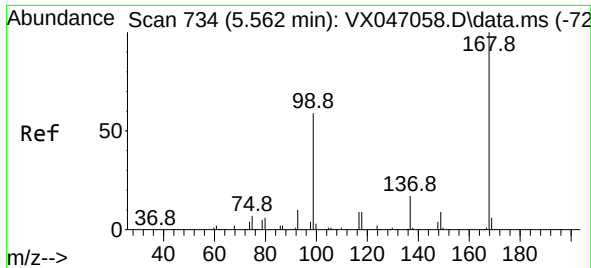
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

84) 1,2,4-Trimethylbenzene	11.750	105	2059309	99.336	ug/l	99
85) sec-Butylbenzene	11.890	105	95061	3.647	ug/l	92
86) p-Isopropyltoluene	12.006	119	121501	5.621	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	11550	0.994	ug/l #	15
89) n-Butylbenzene	12.329	91	208405	10.281	ug/l #	35
90) Hexachloroethane	12.555	117	56887	14.711	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1920	1.392	ug/l #	2
95) Naphthalene	13.774	128	16116731	759.338	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.975	180	4098	0.588	ug/l #	1

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

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QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

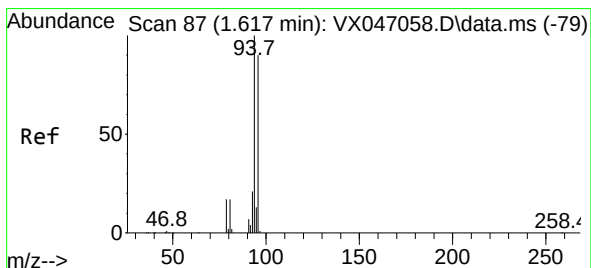
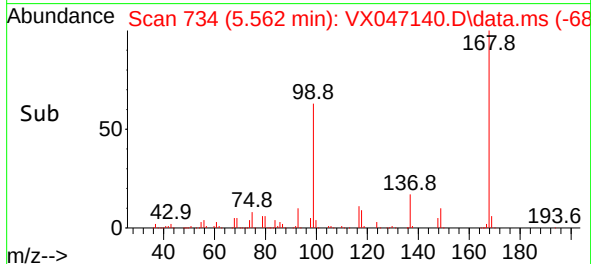
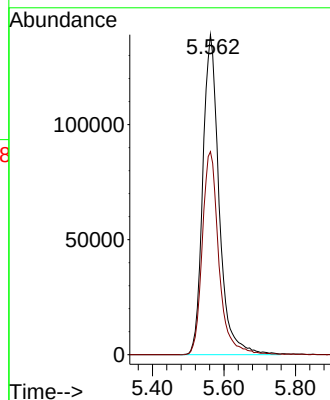
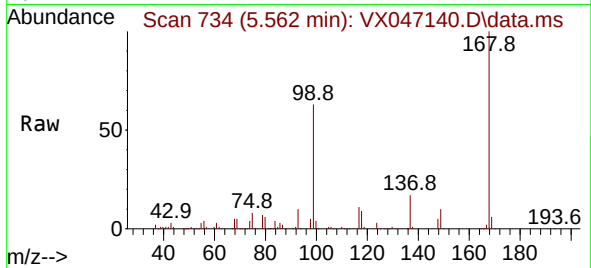




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

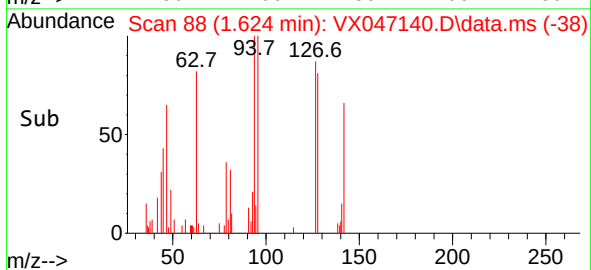
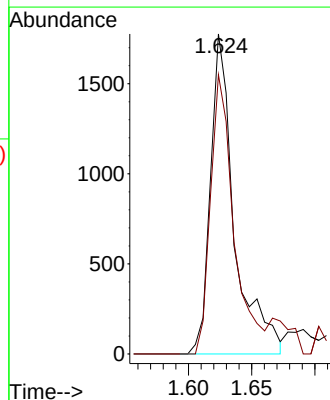
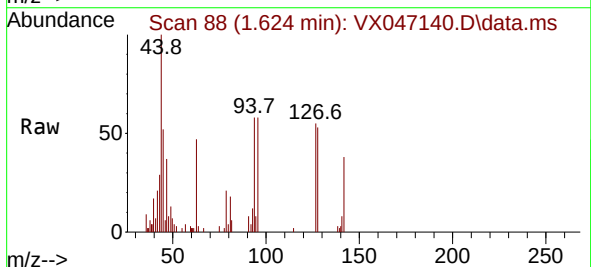
Instrument :
MSVOA_X
ClientSampleId :
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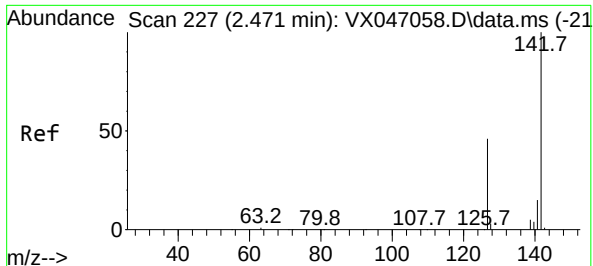
Tgt Ion:168 Resp: 440279
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0



#5
Bromomethane
Concen: 0.693 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.007 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 94 Resp: 2340
Ion Ratio Lower Upper
94 100
96 87.3 72.3 108.5

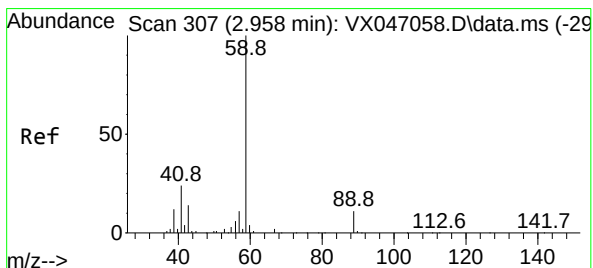
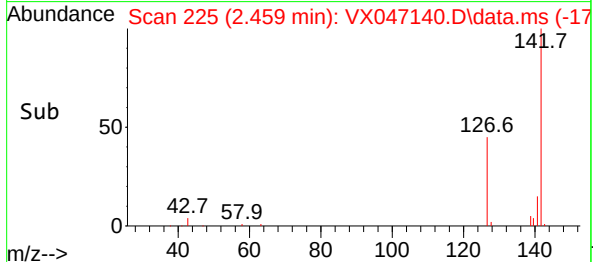
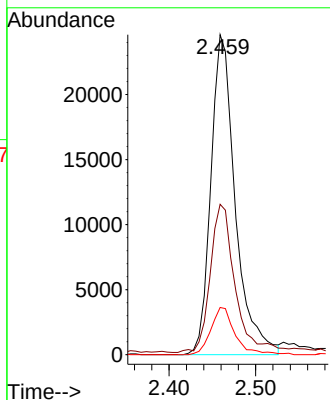
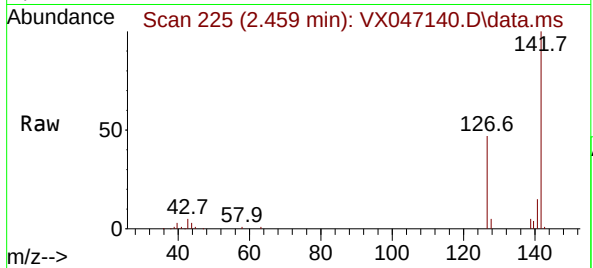




#10
Methyl Iodide
Concen: 8.462 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

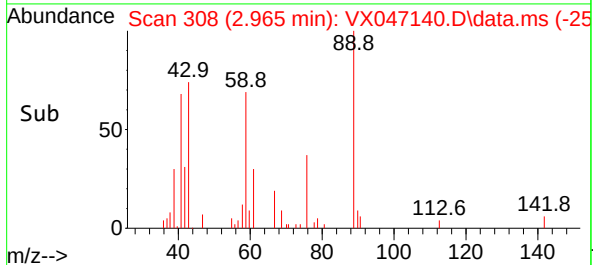
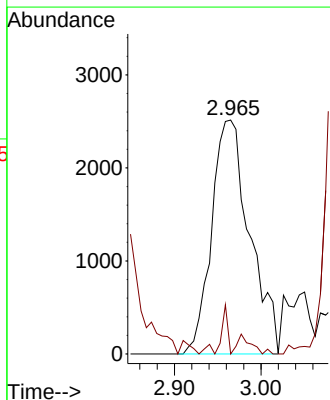
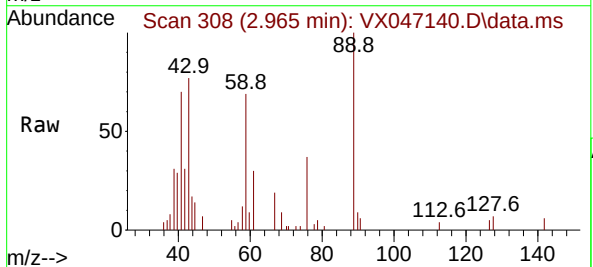
Instrument :
MSVOA_X
ClientSampleId :
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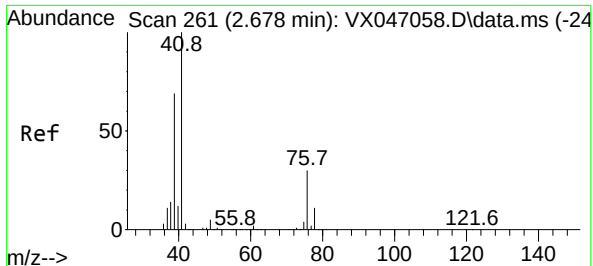
Tgt Ion:142 Resp: 48179
Ion Ratio Lower Upper
142 100
127 48.4 36.6 54.8
141 14.6 10.9 16.3



#11
Tert butyl alcohol
Concen: 1.739 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 59 Resp: 7664
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

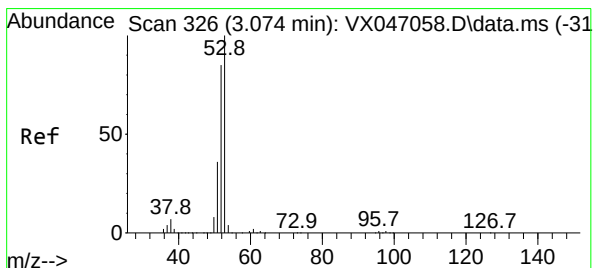
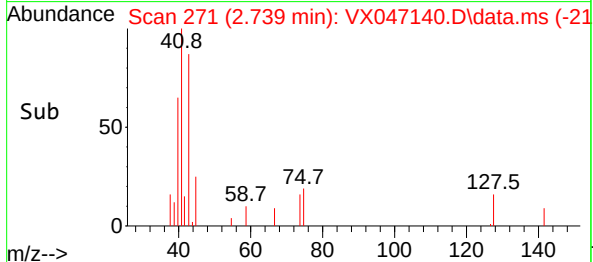
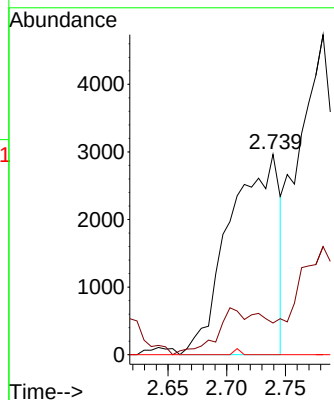
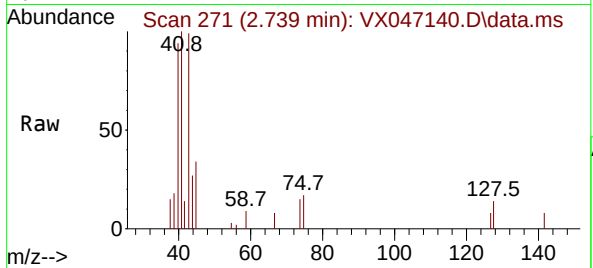




#14
 Allyl chloride
 Concen: 0.871 ug/l
 RT: 2.739 min Scan# 21
 Delta R.T. 0.061 min
 Lab File: VX047140.D
 Acq: 25 Jul 2025 14:08

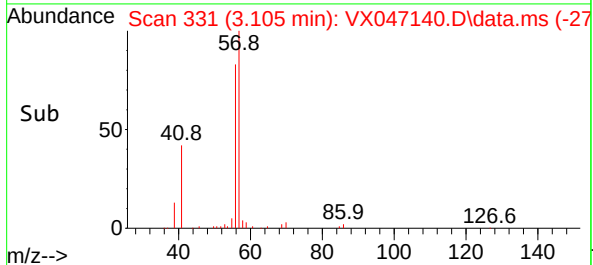
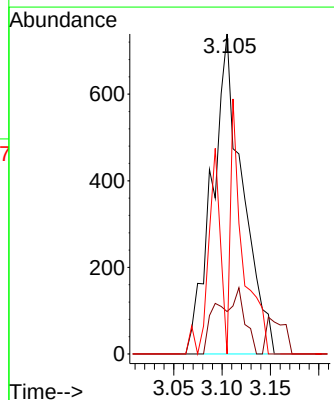
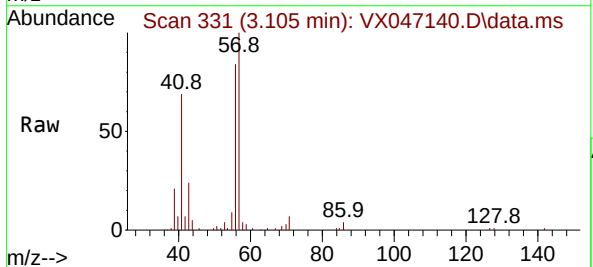
Instrument :
 MSVOA_X
 ClientSampleId :
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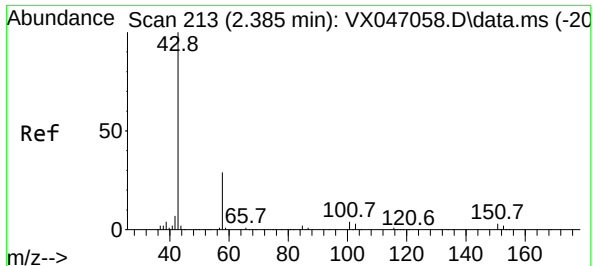
Tgt Ion: 41 Resp: 8712
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.6 78.8#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 0.622 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.031 min
 Lab File: VX047140.D
 Acq: 25 Jul 2025 14:08

Tgt Ion: 53 Resp: 1626
 Ion Ratio Lower Upper
 53 100
 52 18.1 65.7 98.5#
 51 32.2 28.8 43.2

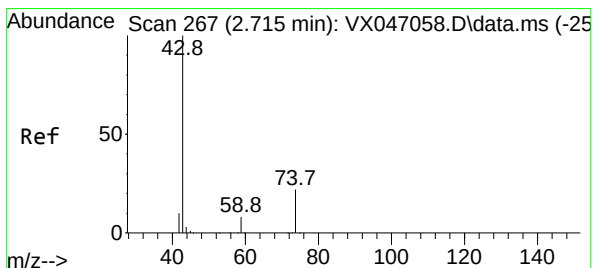
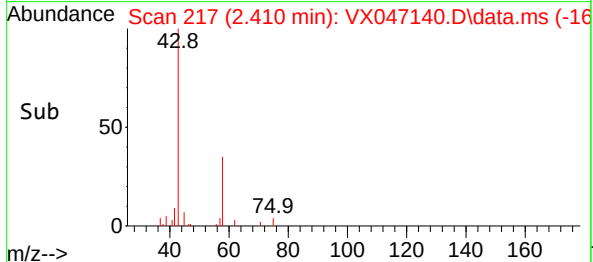
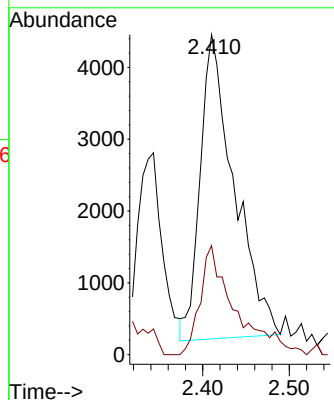
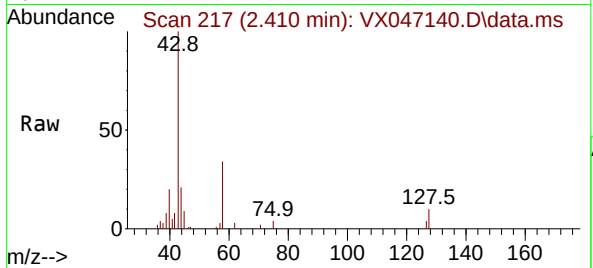




#16
Acetone
Concen: 5.248 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.025 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

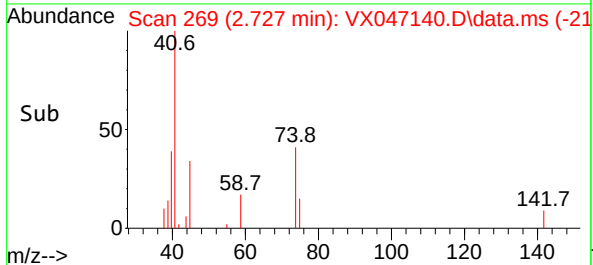
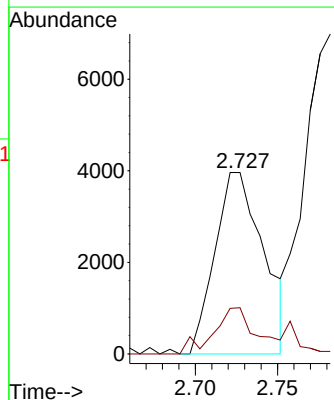
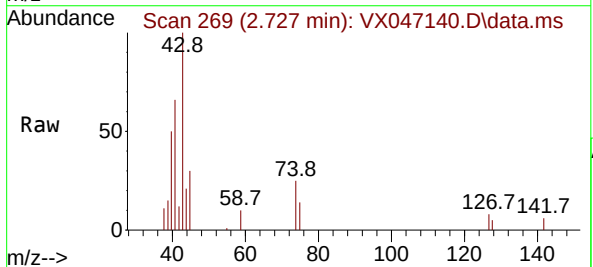
Instrument :
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ClientSampleId :
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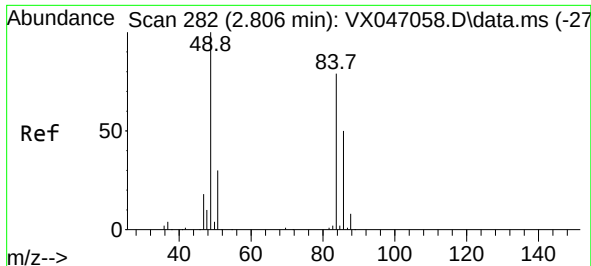
Tgt Ion: 43 Resp: 11530
Ion Ratio Lower Upper
43 100
58 38.4 24.0 36.0#



#18
Methyl Acetate
Concen: 1.390 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.013 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 43 Resp: 8113
Ion Ratio Lower Upper
43 100
74 21.1 17.7 26.5

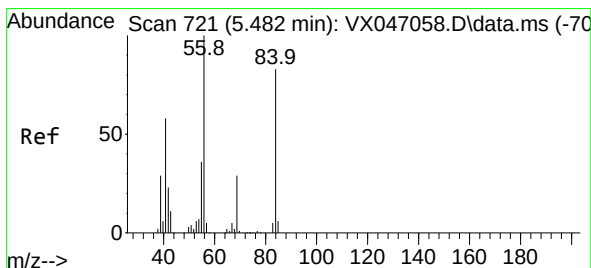
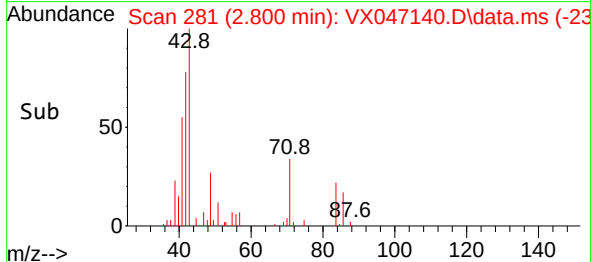
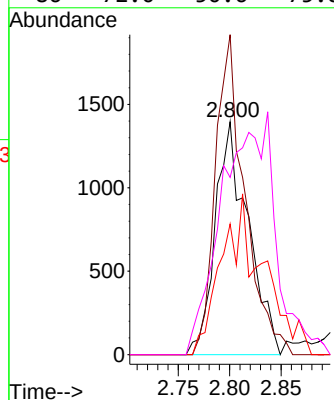
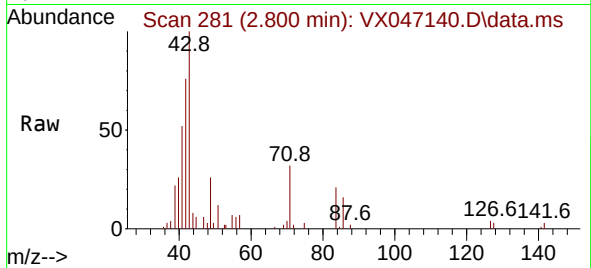




#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

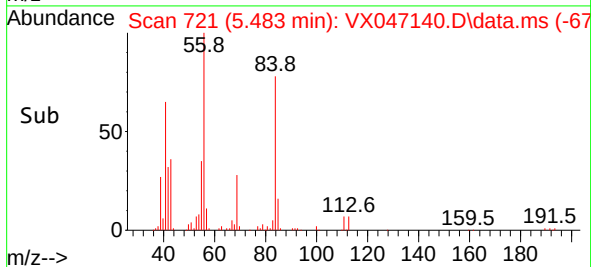
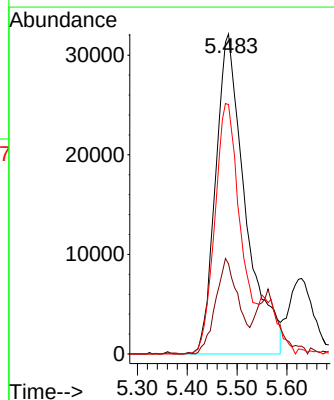
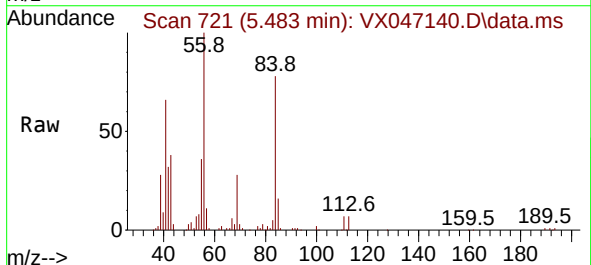
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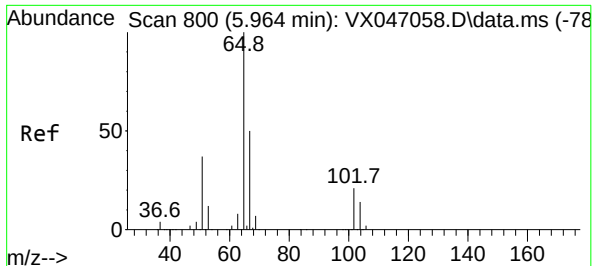
Tgt Ion: 84 Resp: 3094
Ion Ratio Lower Upper
84 100
49 130.0 101.6 152.4
51 53.1 30.3 45.5#
86 72.0 50.6 75.8



#31
Cyclohexane
Concen: 12.944 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 56 Resp: 132709
Ion Ratio Lower Upper
56 100
69 28.2 23.3 34.9
84 78.0 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 55.169 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

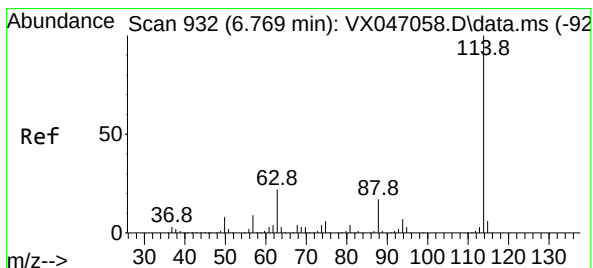
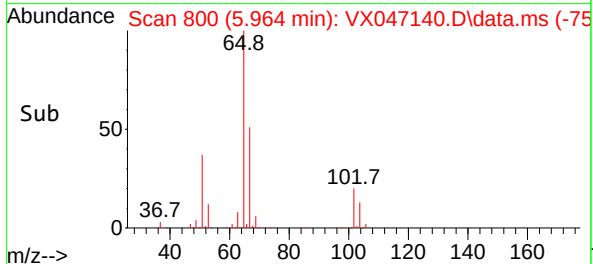
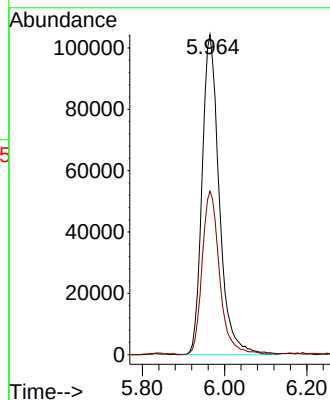
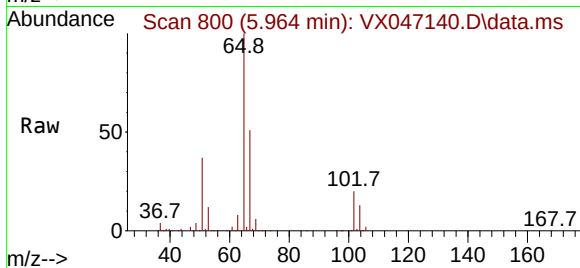
SOILME

Tgt Ion: 65 Resp: 302573

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

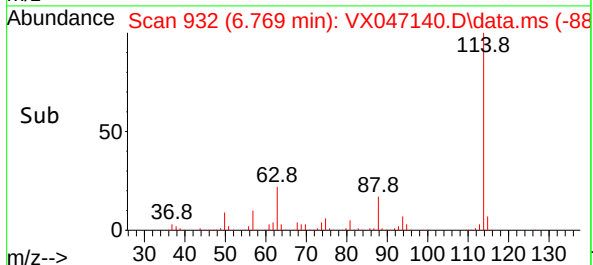
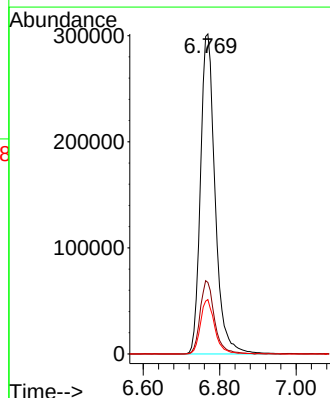
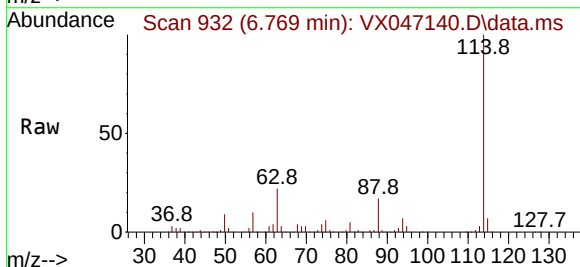
Tgt Ion: 114 Resp: 800109

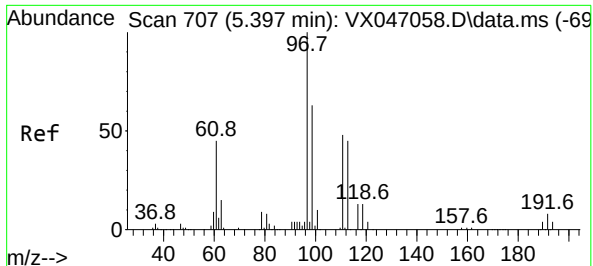
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 17.0 0.0 33.8

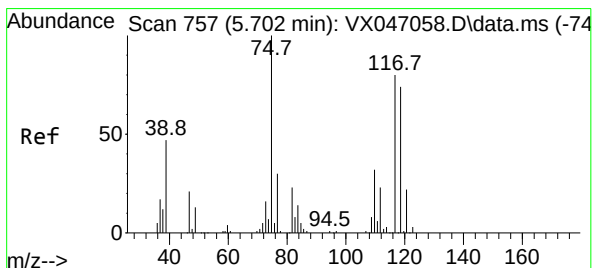
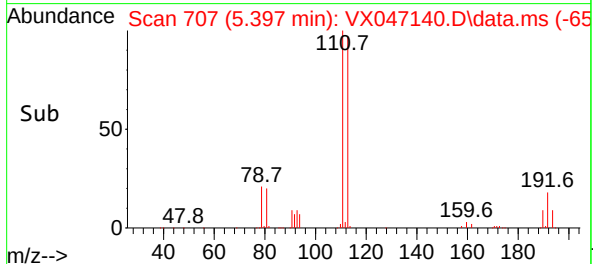
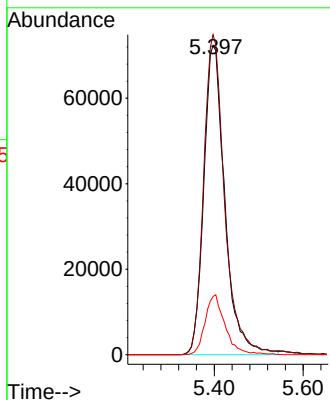
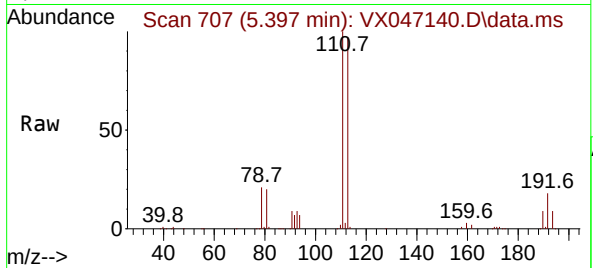




#35
Dibromofluoromethane
Concen: 48.260 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

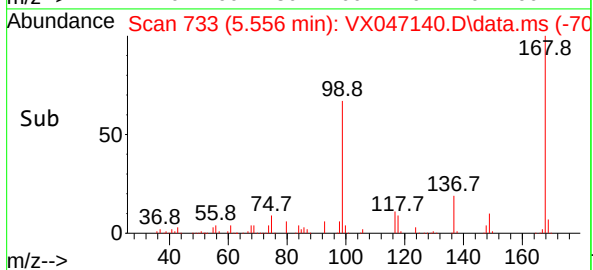
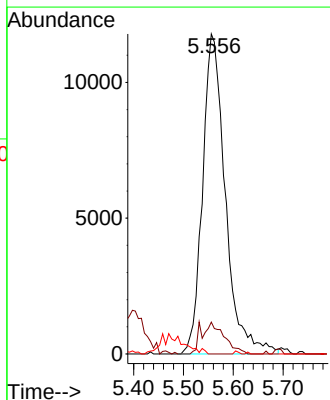
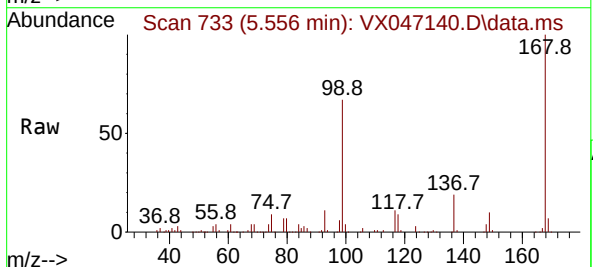
Instrument :
MSVOA_X
ClientSampleId :
SOILME

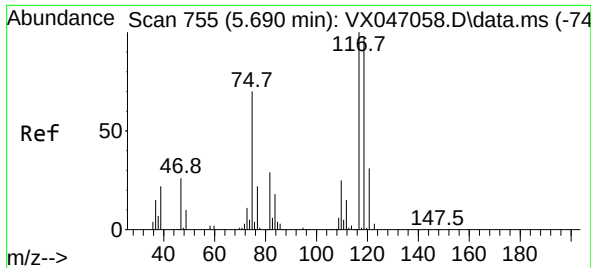
Tgt Ion:113 Resp: 238412
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.436 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 75 Resp: 37353
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.5#
77 0.0 25.1 37.7#

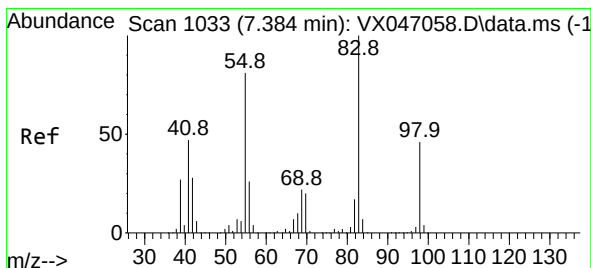
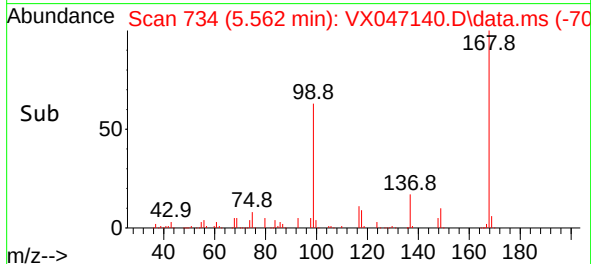
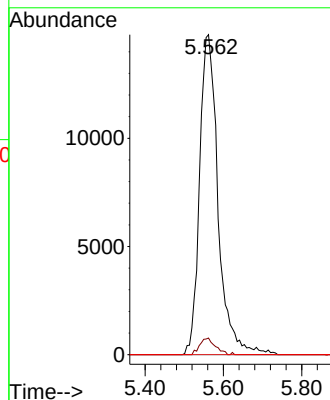
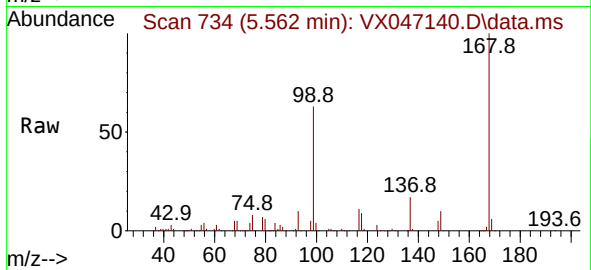




#38
Carbon Tetrachloride
Concen: 5.410 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

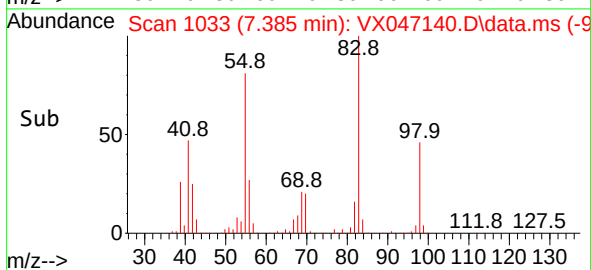
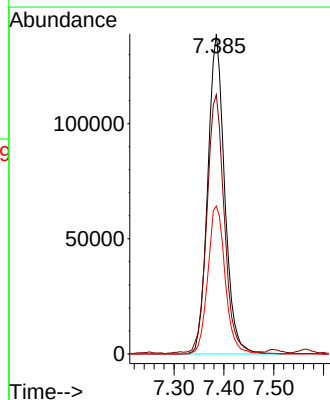
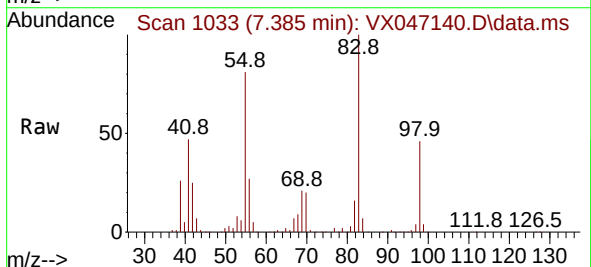
Instrument :
MSVOA_X
ClientSampleId :
SOILME

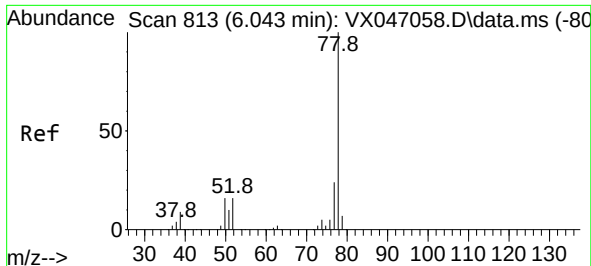
Tgt Ion:117 Resp: 48628
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 31.026 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 83 Resp: 326202
Ion Ratio Lower Upper
83 100
55 80.3 64.5 96.7
98 46.2 36.9 55.3





#40

Benzene

Concen: 50.401 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

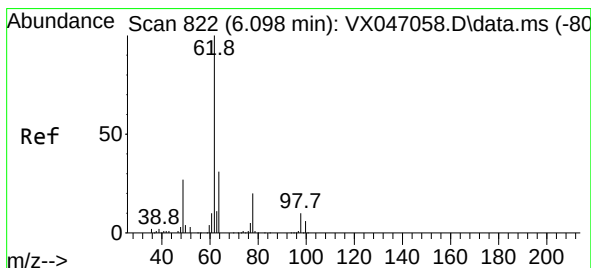
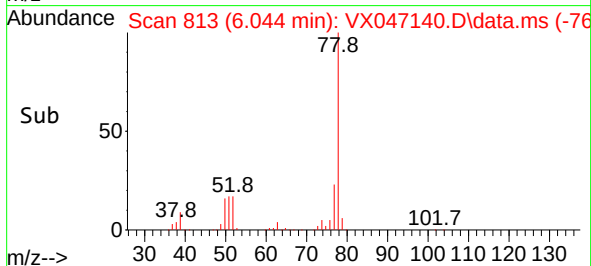
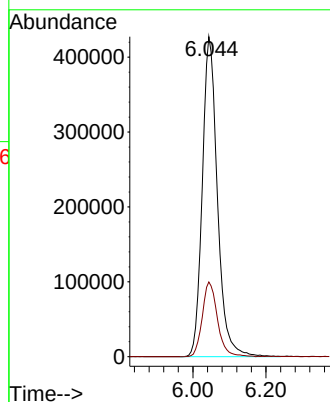
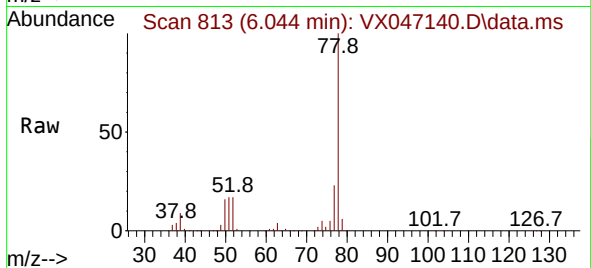
SOILME

Tgt Ion: 78 Resp: 1228275

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4



#42

1,2-Dichloroethane

Concen: 1.391 ug/l

RT: 6.050 min Scan# 814

Delta R.T. -0.048 min

Lab File: VX047140.D

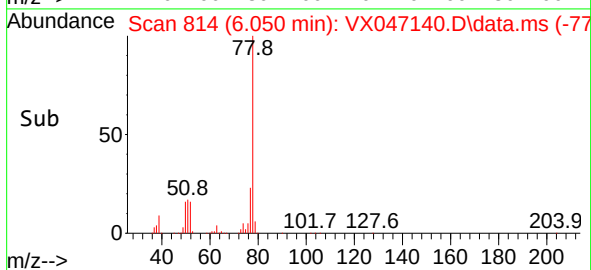
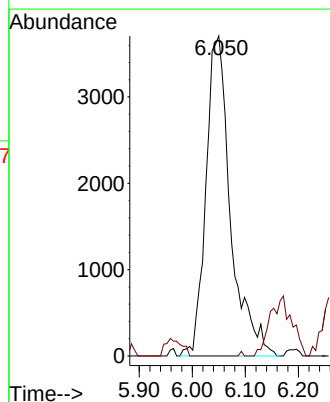
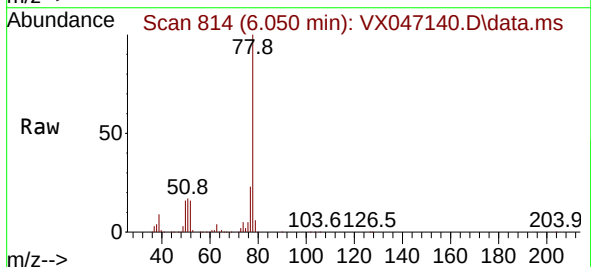
Acq: 25 Jul 2025 14:08

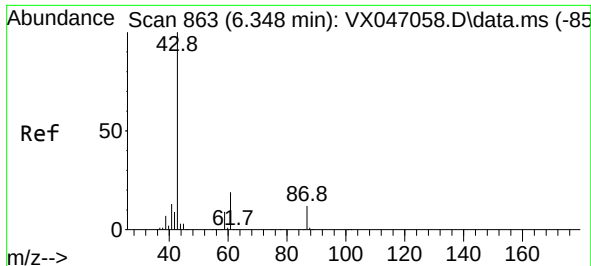
Tgt Ion: 62 Resp: 11944

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.8

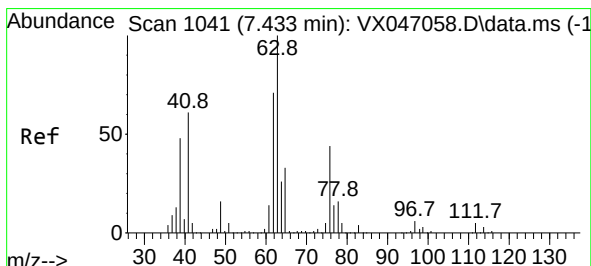
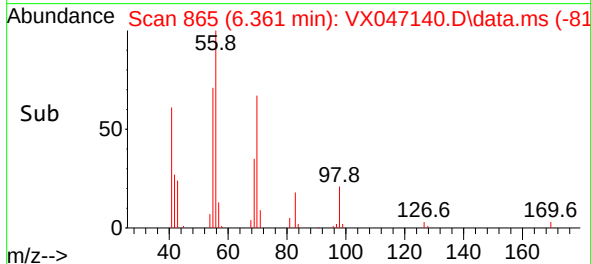
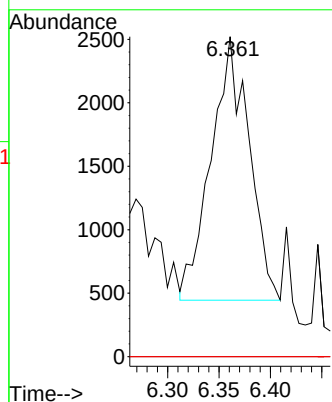
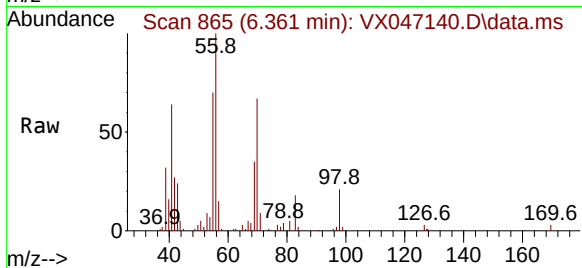




#43
Isopropyl Acetate
Concen: 0.440 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

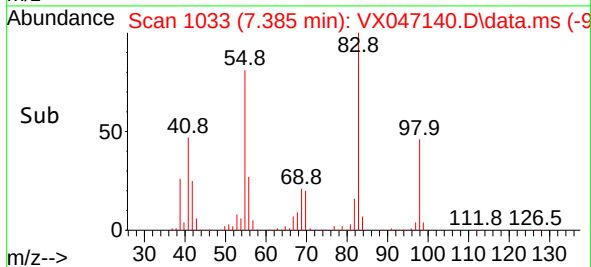
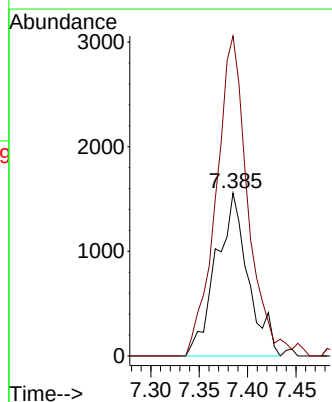
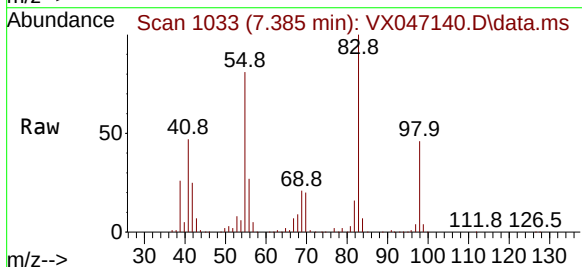
Instrument :
MSVOA_X
ClientSampleId :
SOILME

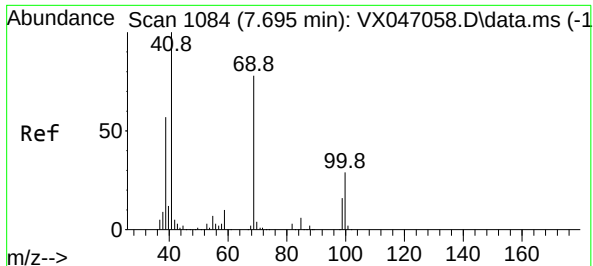
Tgt Ion: 43 Resp: 5328
Ion Ratio Lower Upper
43 100
61 0.0 15.1 22.7#
87 0.0 9.7 14.5#



#45
1,2-Dichloropropane
Concen: 0.586 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.048 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 63 Resp: 3578
Ion Ratio Lower Upper
63 100
65 196.5 26.3 39.5#





#48

Methyl methacrylate

Concen: 1.548 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.036 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

SOILME

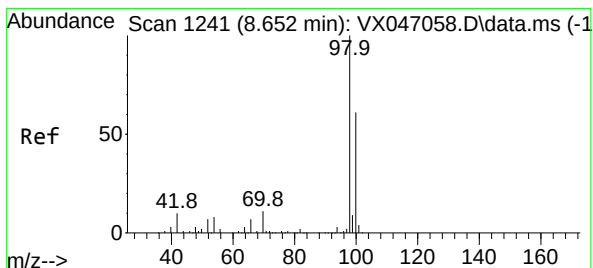
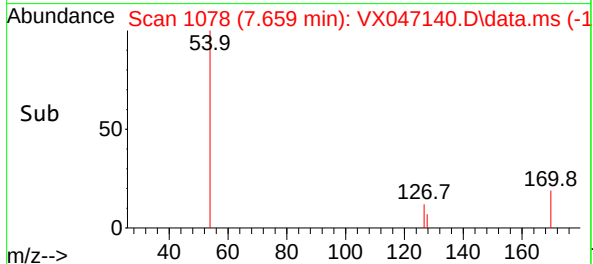
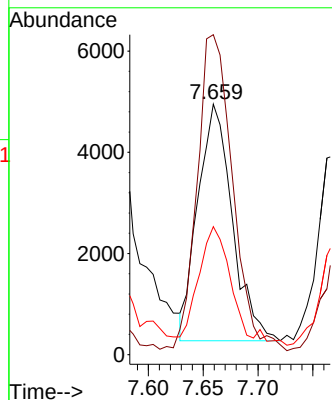
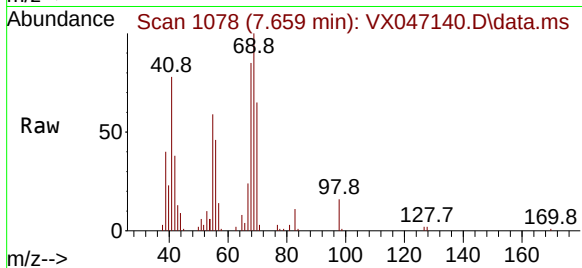
Tgt Ion: 41 Resp: 10200

Ion Ratio Lower Upper

41 100

69 143.4 62.3 93.5#

39 40.8 44.8 67.2#



#50

Toluene-d8

Concen: 55.105 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047140.D

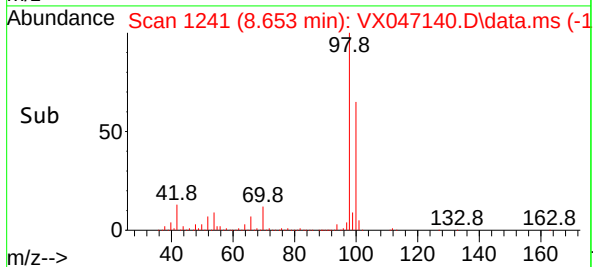
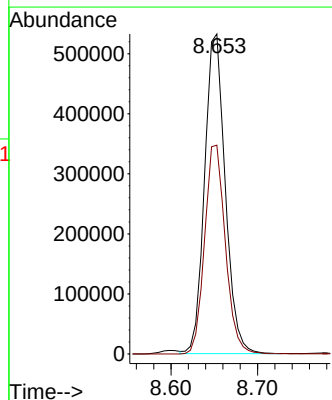
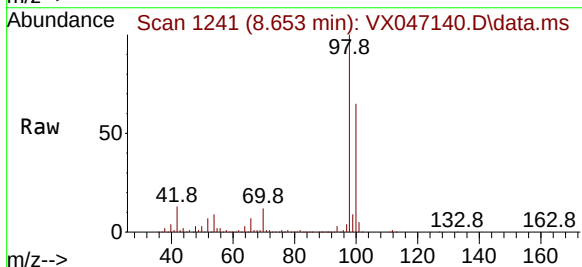
Acq: 25 Jul 2025 14:08

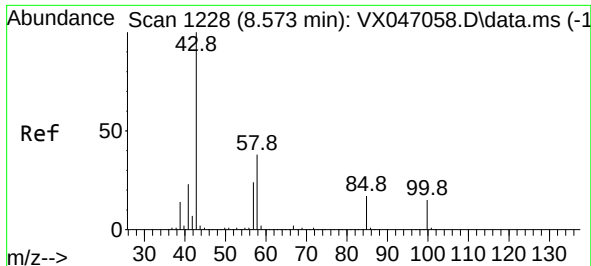
Tgt Ion: 98 Resp: 881597

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9

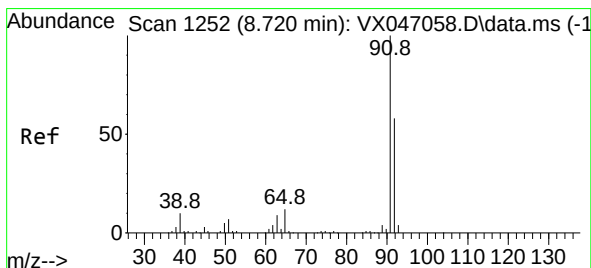
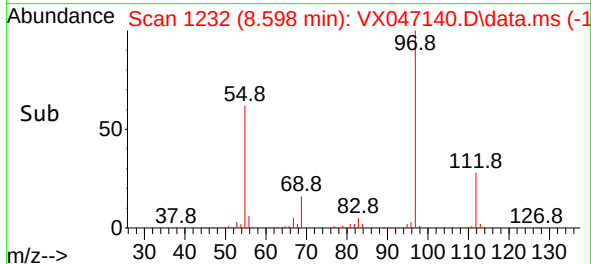
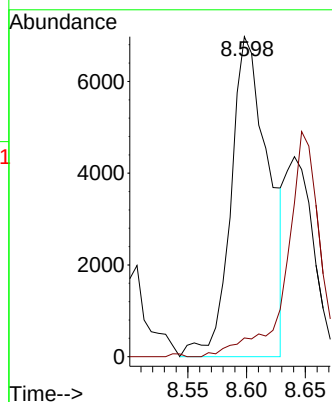
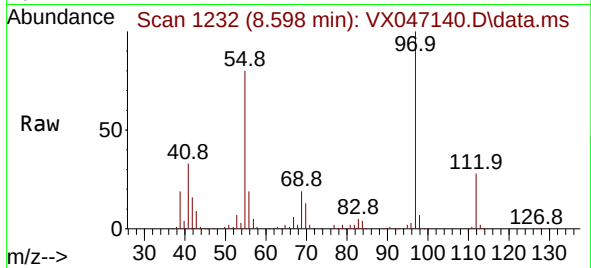




#51
4-Methyl-2-Pentanone
Concen: 2.169 ug/l
RT: 8.598 min Scan# 11
Delta R.T. 0.025 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

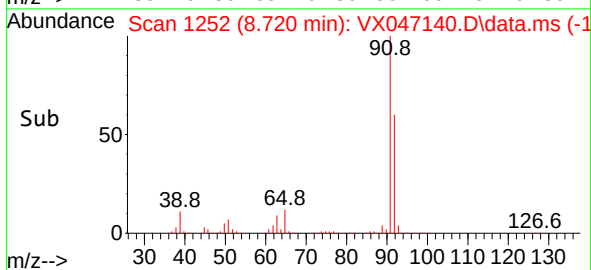
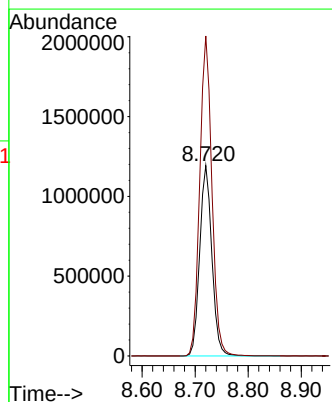
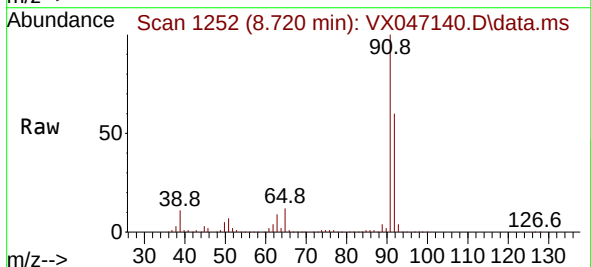
Instrument :
MSVOA_X
ClientSampleId :
SOILME

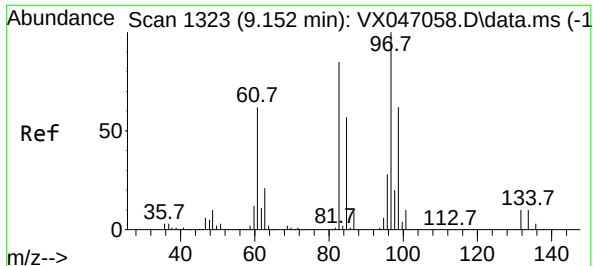
Tgt Ion: 43 Resp: 15592
Ion Ratio Lower Upper
43 100
58 0.0 30.6 45.8#



#52
Toluene
Concen: 126.313 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 92 Resp: 1892766
Ion Ratio Lower Upper
92 100
91 168.0 137.9 206.9





#55

1,1,2-Trichloroethane

Concen: 7.567 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.048 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

SOILME

Tgt Ion: 97 Resp: 42524

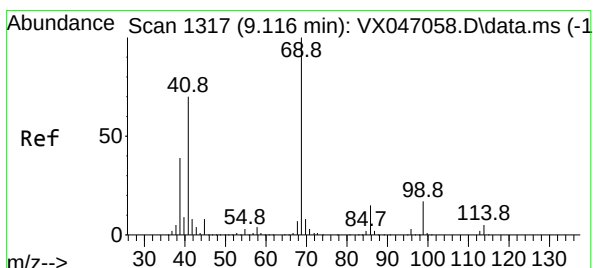
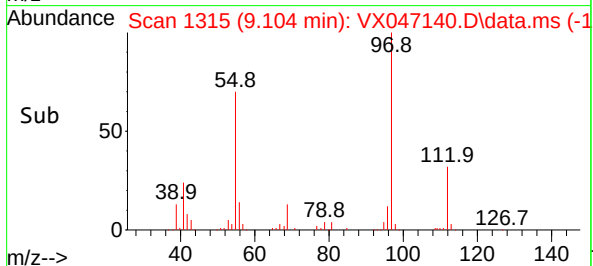
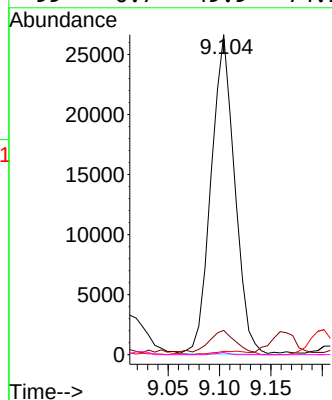
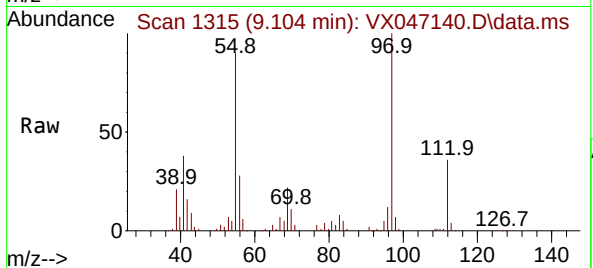
Ion Ratio Lower Upper

97 100

83 6.7 68.0 102.0#

85 1.1 45.2 67.8#

99 0.7 49.9 74.9#



#56

Ethyl methacrylate

Concen: 1.246 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

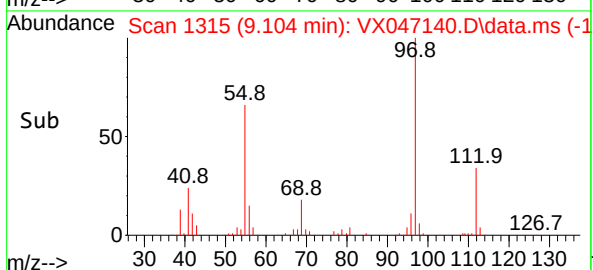
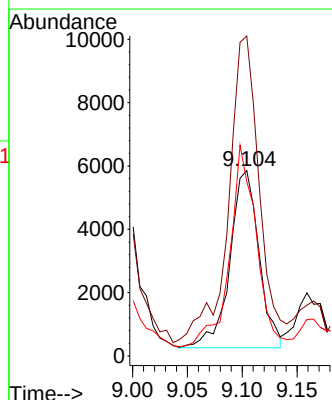
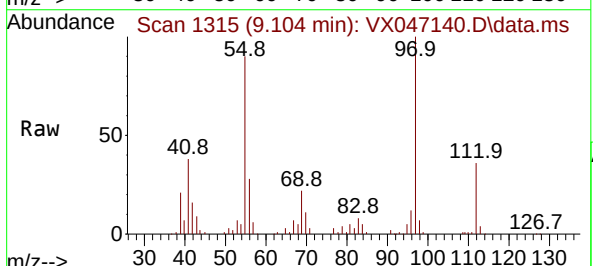
Tgt Ion: 69 Resp: 10362

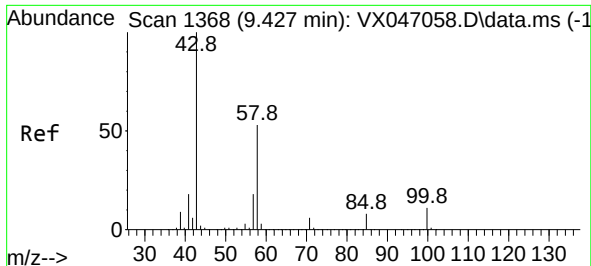
Ion Ratio Lower Upper

69 100

41 181.9 56.1 84.1#

39 103.7 31.1 46.7#





#59

2-Hexanone

Concen: 0.933 ug/l

RT: 9.226 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

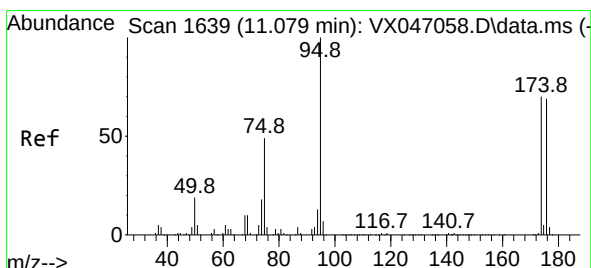
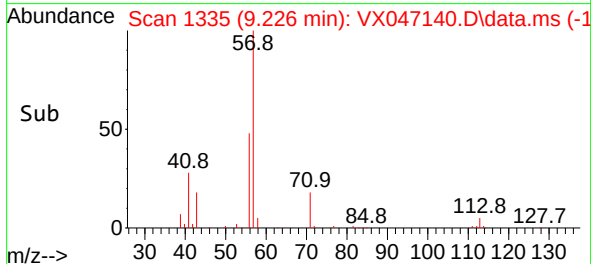
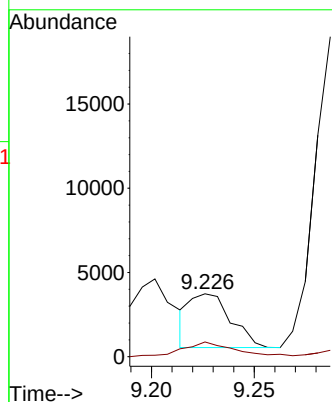
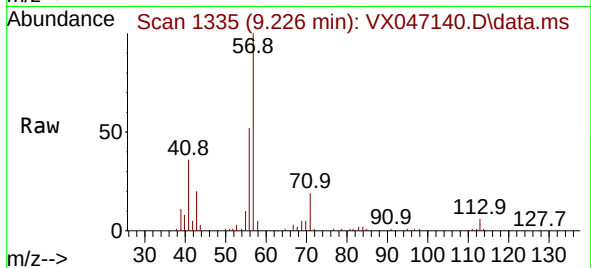
SOILME

Tgt Ion: 43 Resp: 4433

Ion Ratio Lower Upper

43 100

58 35.3 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 46.452 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

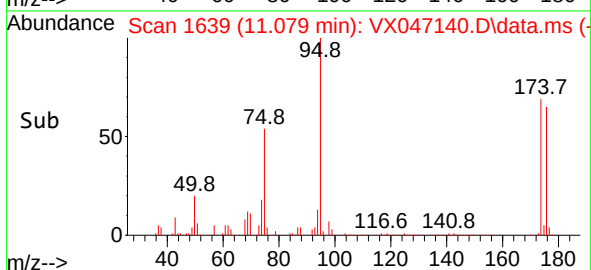
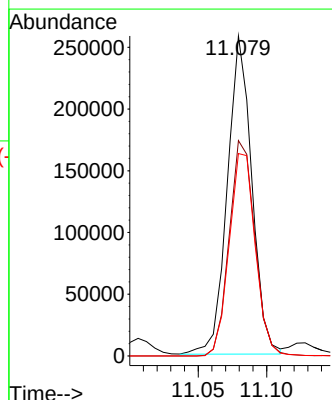
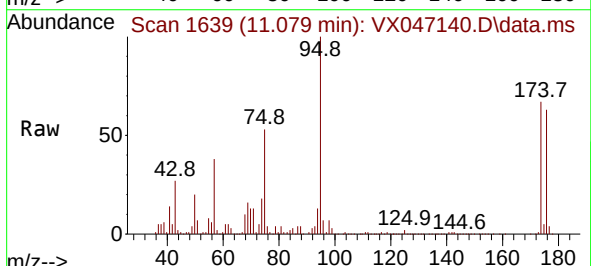
Tgt Ion: 95 Resp: 320261

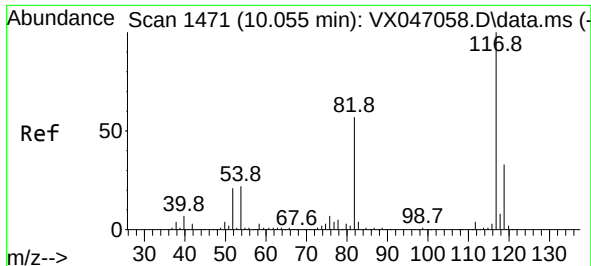
Ion Ratio Lower Upper

95 100

174 71.4 0.0 144.6

176 68.4 0.0 139.6

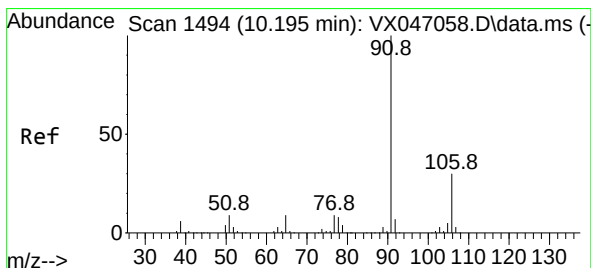
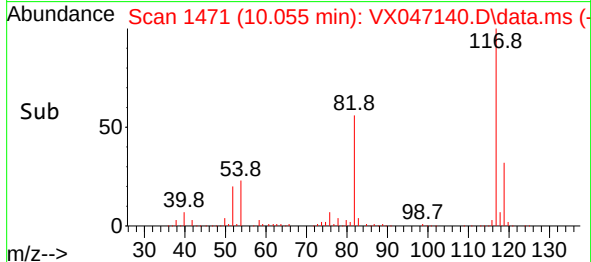
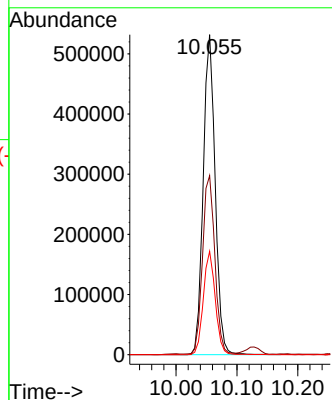
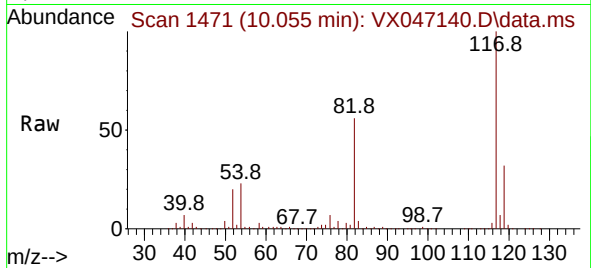




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

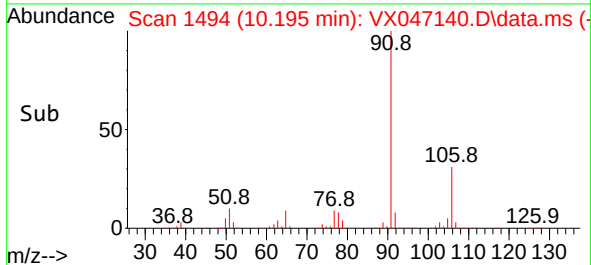
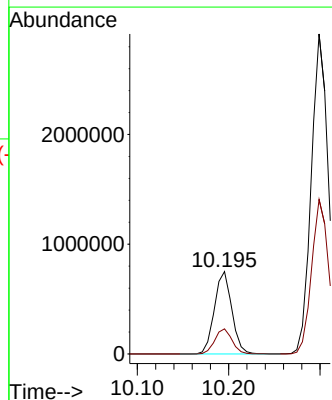
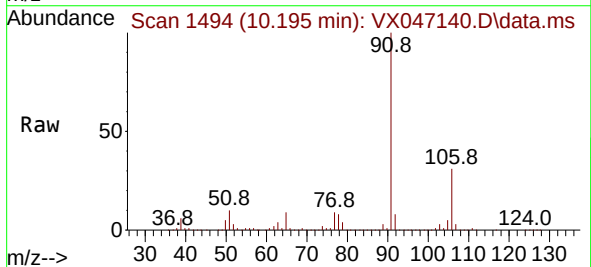
Instrument :
MSVOA_X
ClientSampleId :
SOILME

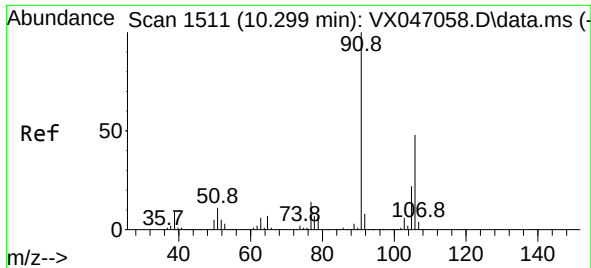
Tgt Ion:117 Resp: 727271
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 32.3 26.1 39.1



#67
Ethyl Benzene
Concen: 33.465 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 91 Resp: 996904
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

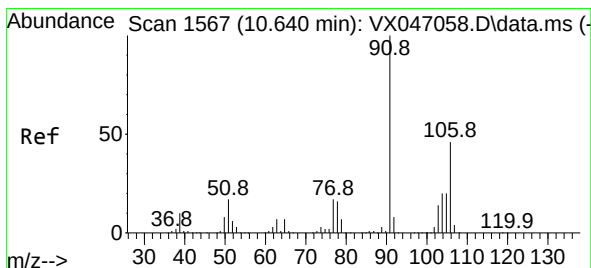
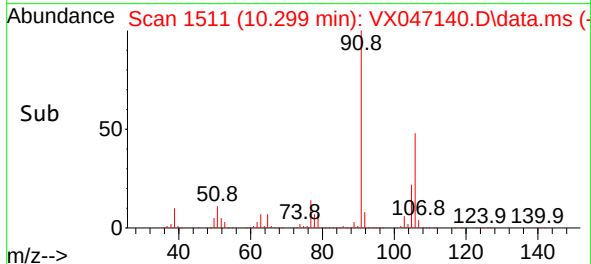
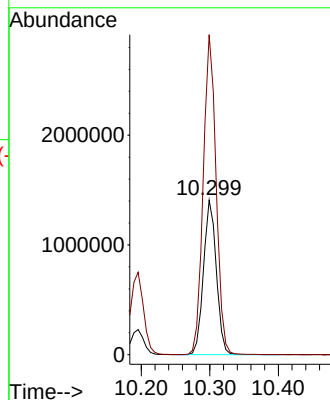
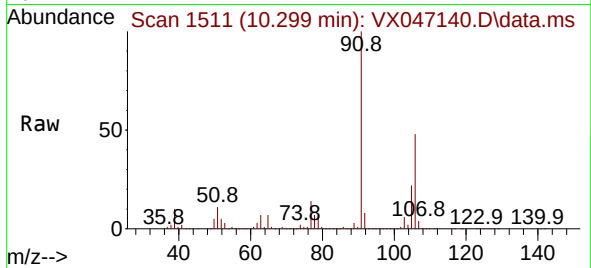




#68
m/p-Xylenes
Concen: 164.954 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

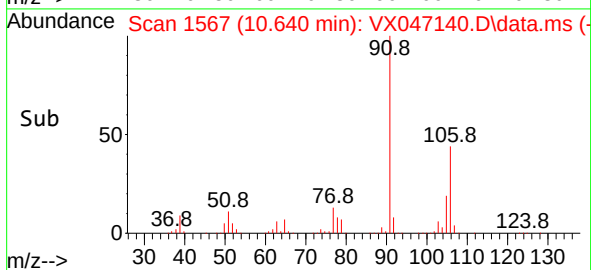
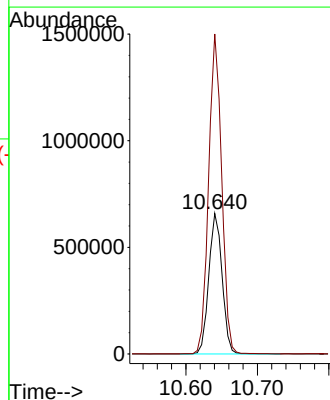
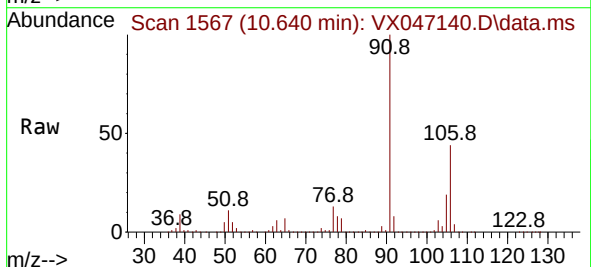
Instrument :
MSVOA_X
ClientSampleId :
SOILME

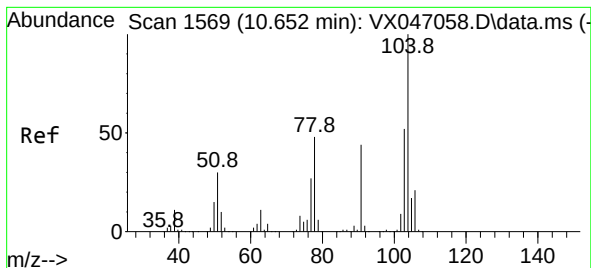
Tgt Ion:106 Resp: 1838871
Ion Ratio Lower Upper
106 100
91 207.4 167.4 251.0



#69
o-Xylene
Concen: 80.251 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion:106 Resp: 851069
Ion Ratio Lower Upper
106 100
91 223.5 110.3 331.0





#70

Styrene

Concen: 8.417 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

SOILME

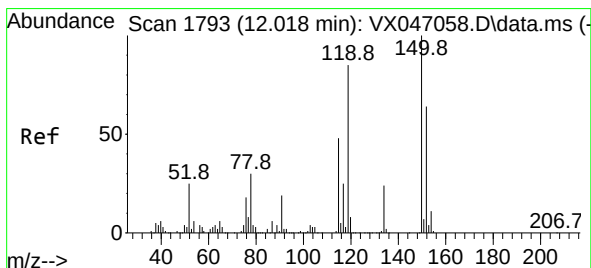
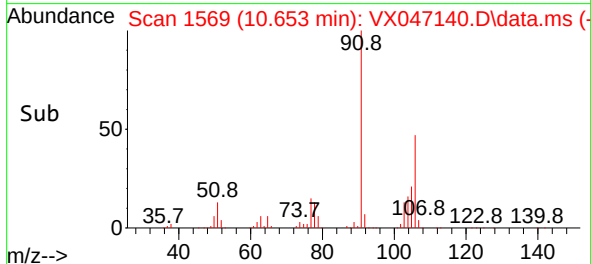
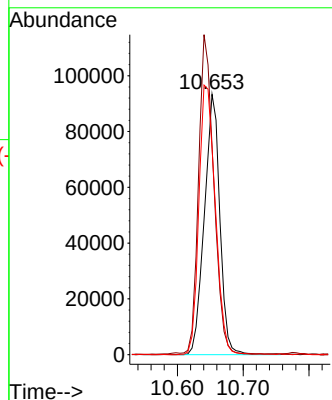
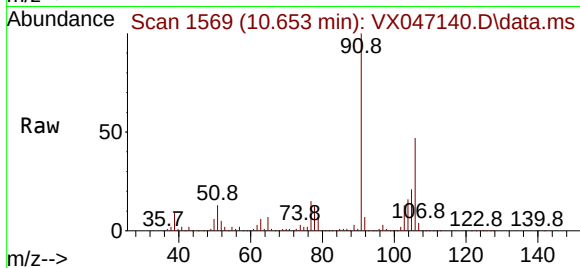
Tgt Ion:104 Resp: 153066

Ion Ratio Lower Upper

104 100

78 120.4 42.0 63.0#

103 109.5 43.8 65.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.007 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

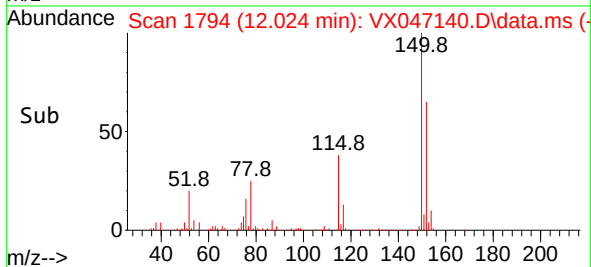
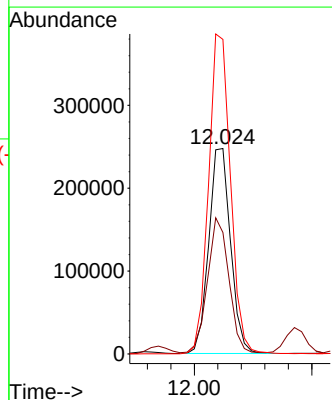
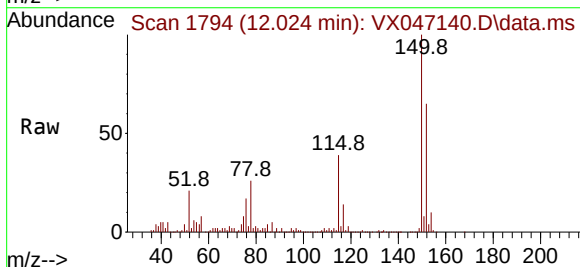
Tgt Ion:152 Resp: 318883

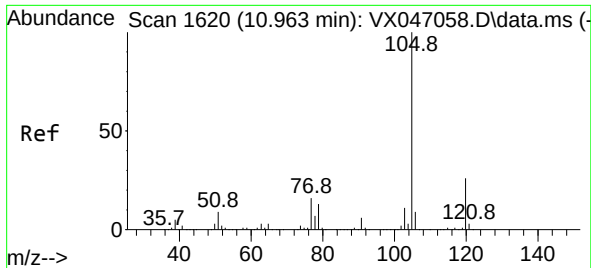
Ion Ratio Lower Upper

152 100

115 65.1 45.6 136.7

150 156.8 0.0 354.6

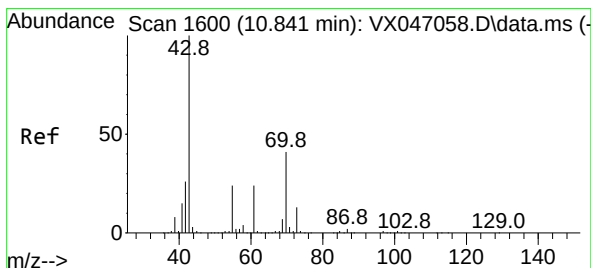
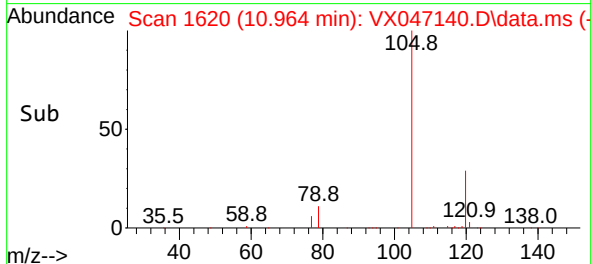
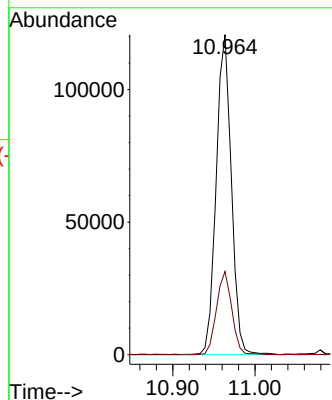
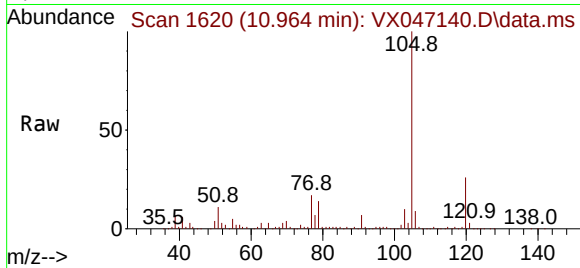




#73
Isopropylbenzene
Concen: 6.153 ug/l
RT: 10.964 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

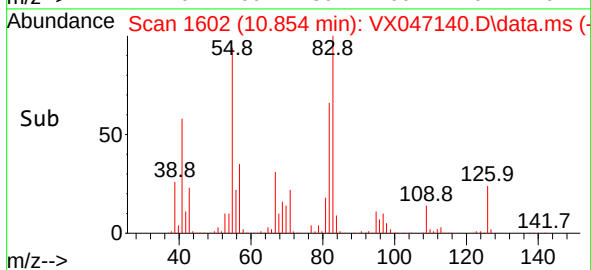
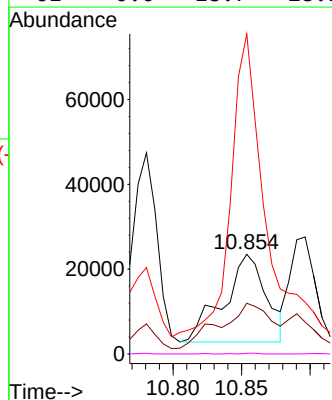
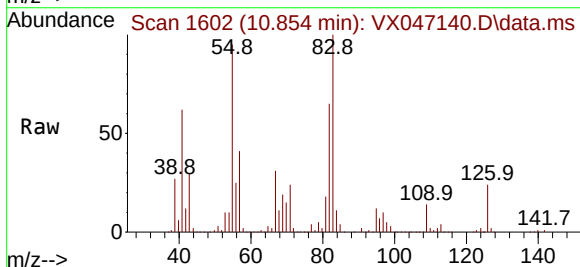
Instrument :
MSVOA_X
ClientSampleId :
SOILME

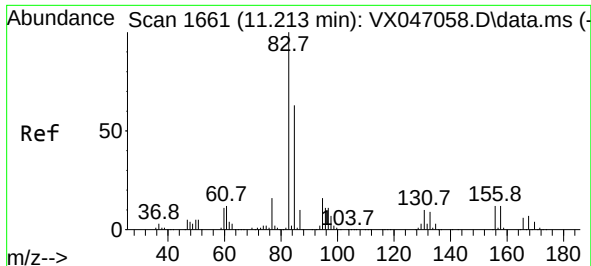
Tgt Ion:105 Resp: 154787
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



#74
N-ethyl acetate
Concen: 4.393 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 43 Resp: 44590
Ion Ratio Lower Upper
43 100
70 62.0 32.3 48.5#
55 279.1 18.9 28.3#
61 0.0 18.7 28.1#

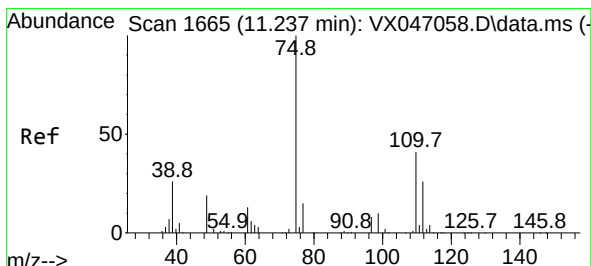
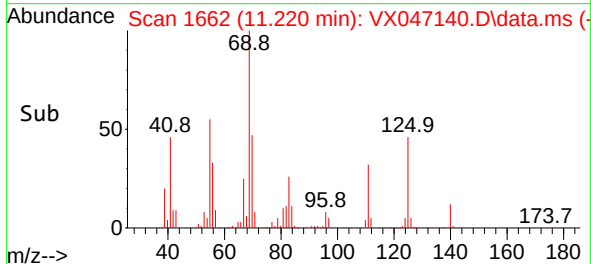
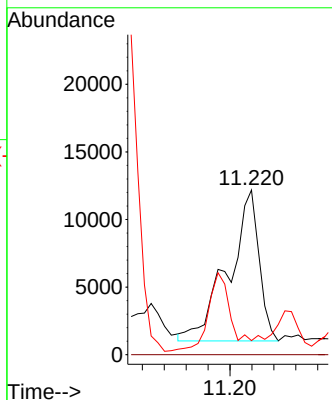
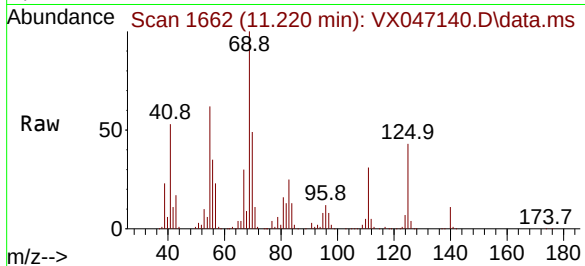




#75
1,1,2,2-Tetrachloroethane
Concen: 3.021 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.007 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

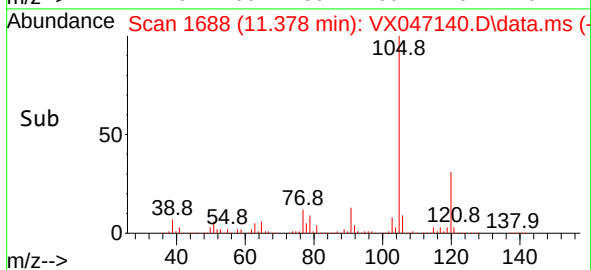
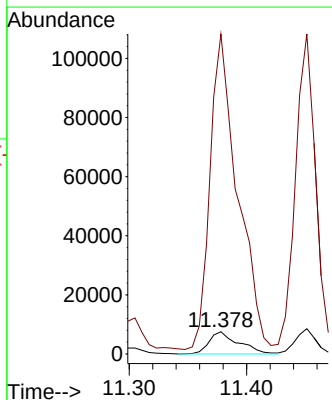
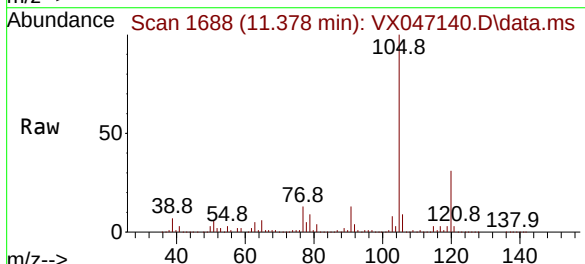
Instrument :
MSVOA_X
ClientSampleId :
SOILME

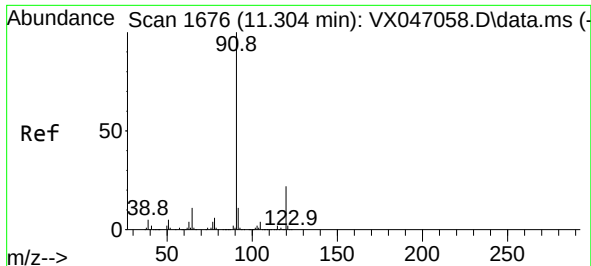
Tgt Ion: 83 Resp: 21707
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 2.241 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.141 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 75 Resp: 13226
Ion Ratio Lower Upper
75 100
77 1335.6 21.6 65.0#

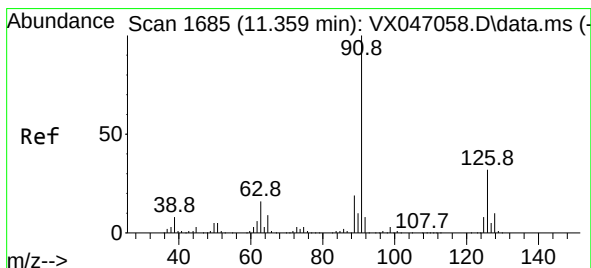
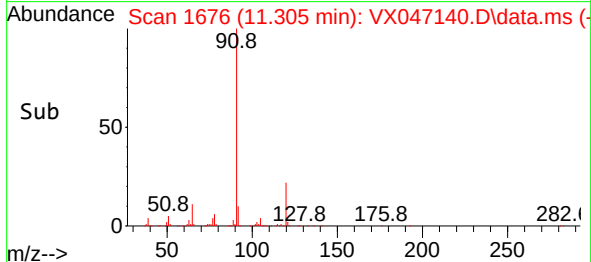
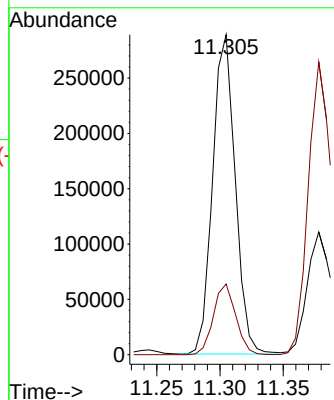
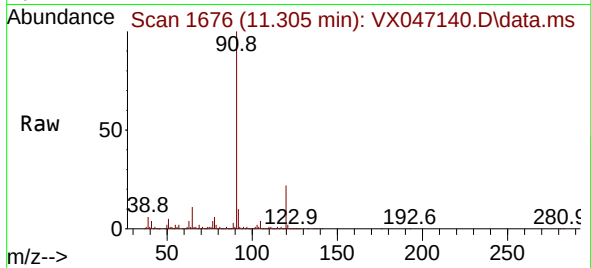




#78
n-propylbenzene
Concen: 11.919 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

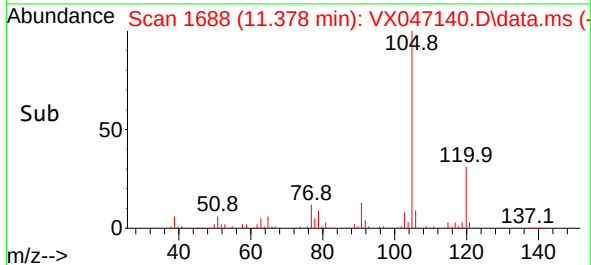
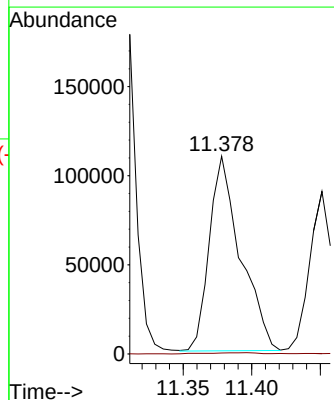
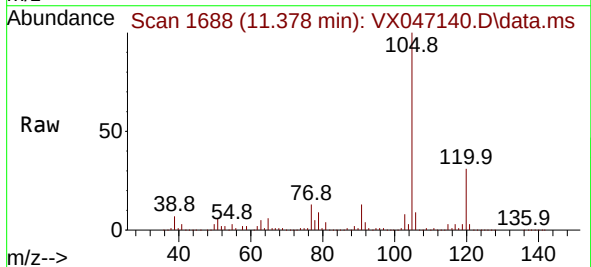
Instrument :
MSVOA_X
ClientSampleId :
SOILME

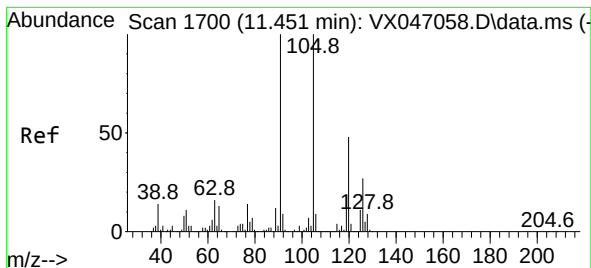
Tgt Ion: 91 Resp: 358314
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0



#79
2-Chlorotoluene
Concen: 9.663 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.019 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 91 Resp: 173653
Ion Ratio Lower Upper
91 100
126 1.1 16.4 49.4#





#80

1,3,5-Trimethylbenzene

Concen: 45.775 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

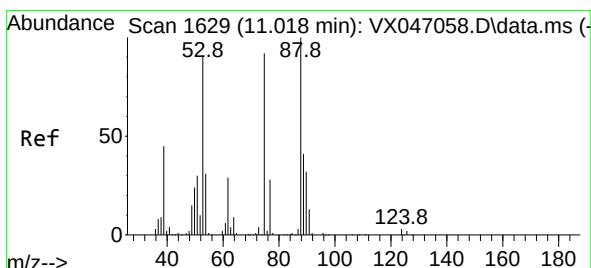
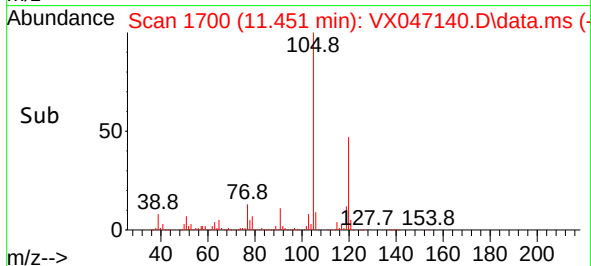
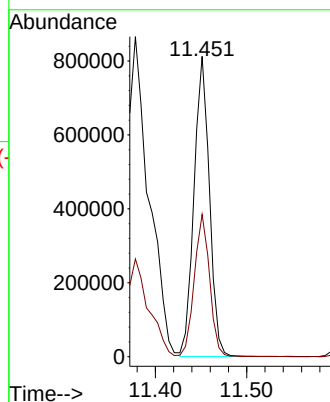
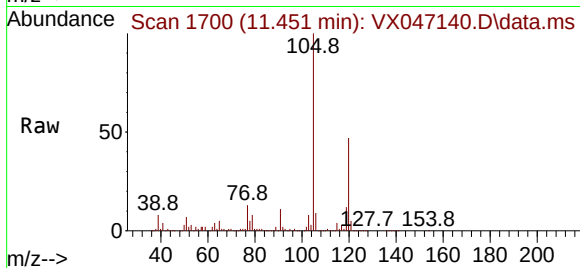
SOILME

Tgt Ion:105 Resp: 951390

Ion Ratio Lower Upper

105 100

120 47.2 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 74.129 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047140.D

Acq: 25 Jul 2025 14:08

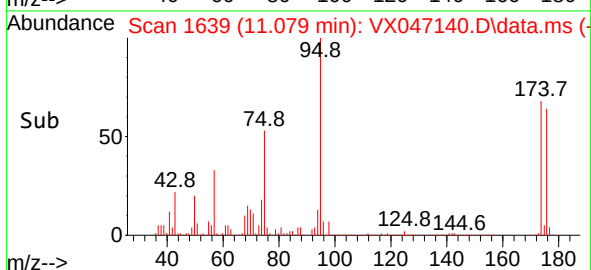
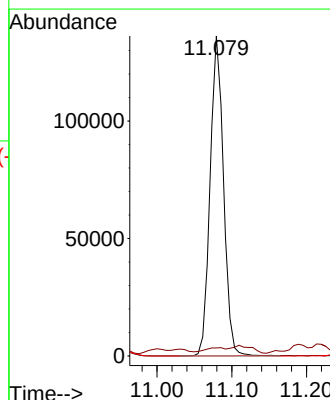
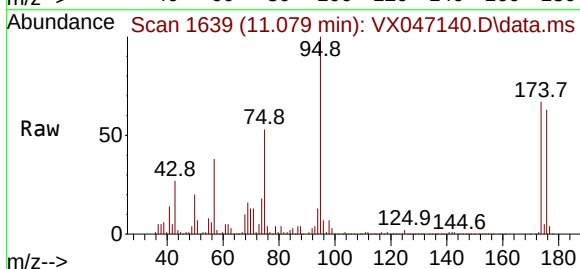
Tgt Ion: 75 Resp: 169825

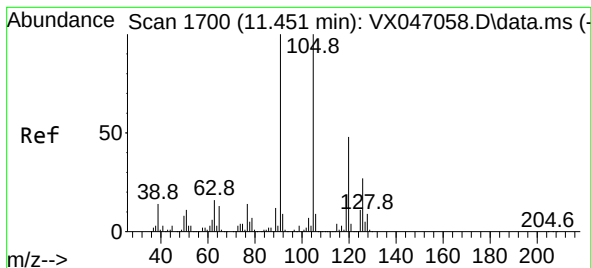
Ion Ratio Lower Upper

75 100

53 3.0 84.2 126.4#

89 0.0 36.0 54.0#

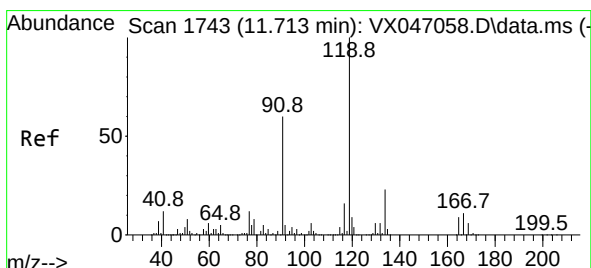
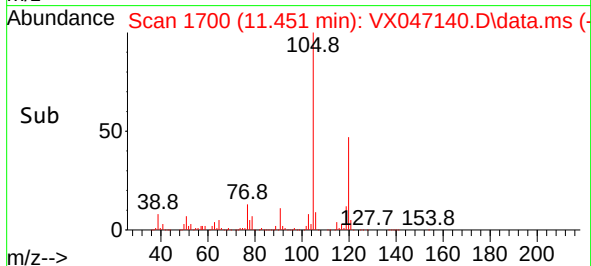
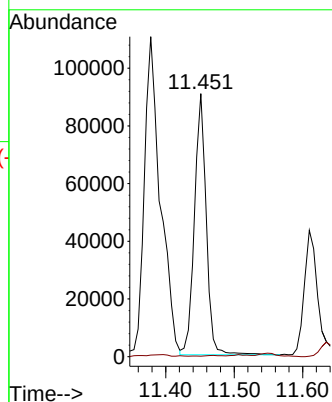
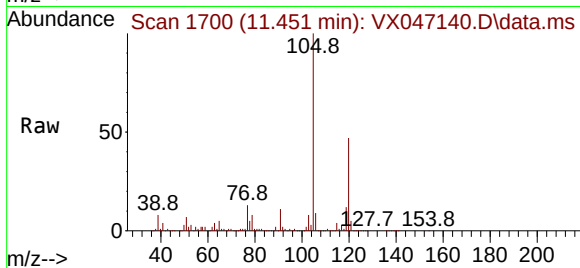




#82
4-Chlorotoluene
Concen: 5.172 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

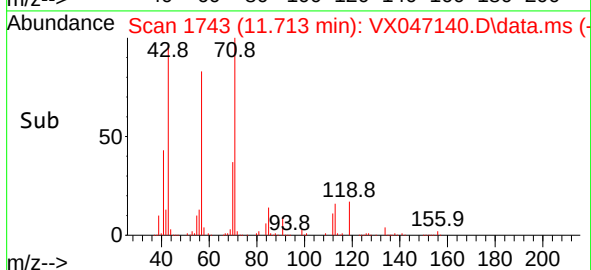
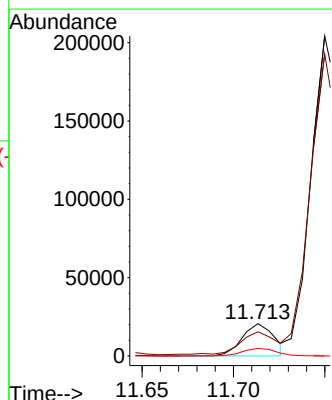
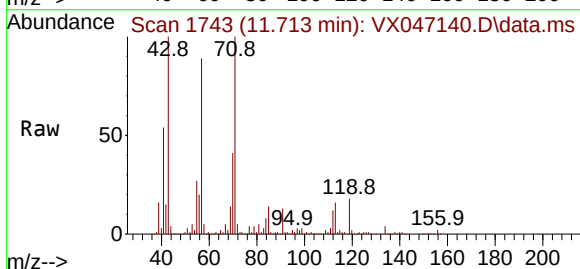
Instrument :
MSVOA_X
ClientSampleId :
SOILME

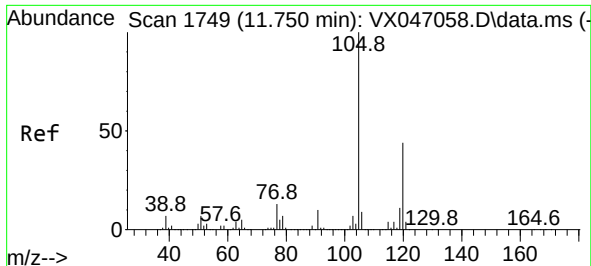
Tgt Ion: 91 Resp: 108496
Ion Ratio Lower Upper
91 100
126 0.4 14.1 42.3#



#83
tert-Butylbenzene
Concen: 1.194 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 119 Resp: 24901
Ion Ratio Lower Upper
119 100
91 75.9 29.6 88.8
134 24.8 11.4 34.1

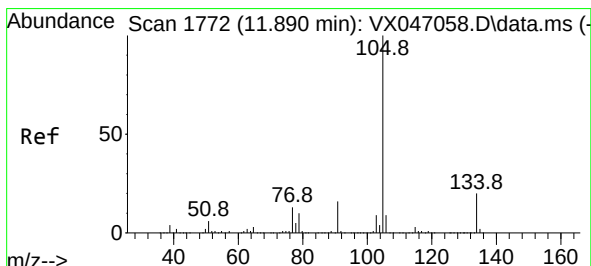
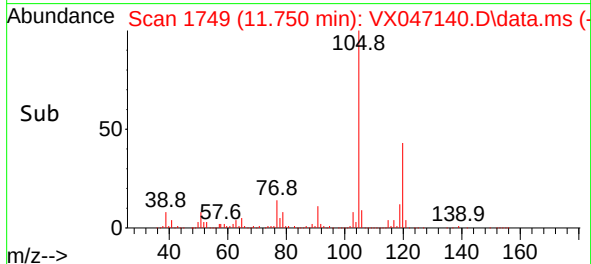
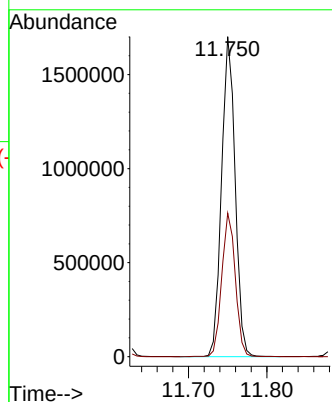
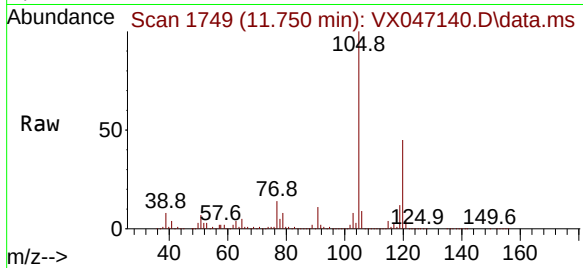




#84
1,2,4-Trimethylbenzene
Concen: 99.336 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

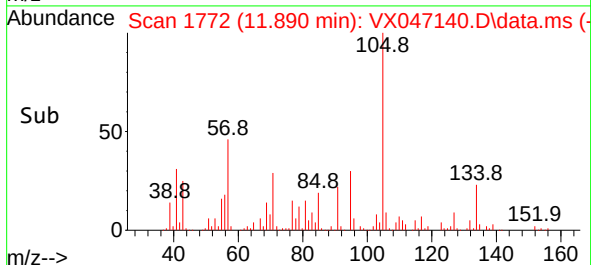
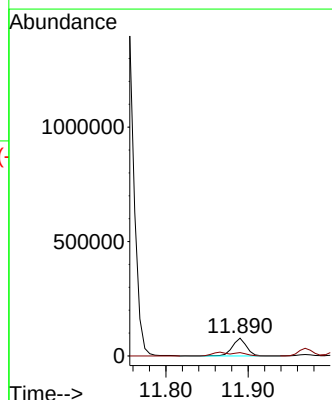
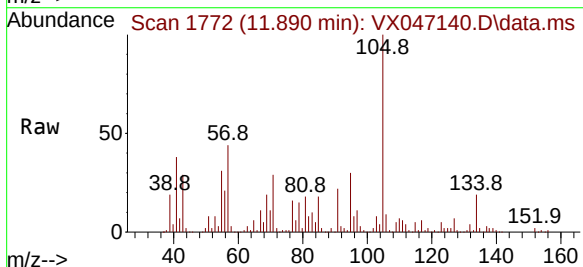
Instrument :
MSVOA_X
ClientSampleId :
SOILME

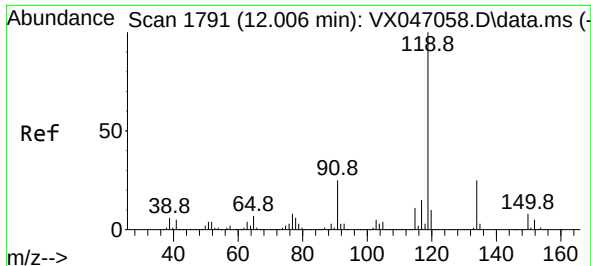
Tgt Ion:105 Resp: 2059309
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0



#85
sec-Butylbenzene
Concen: 3.647 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion:105 Resp: 95061
Ion Ratio Lower Upper
105 100
134 16.3 9.9 29.7

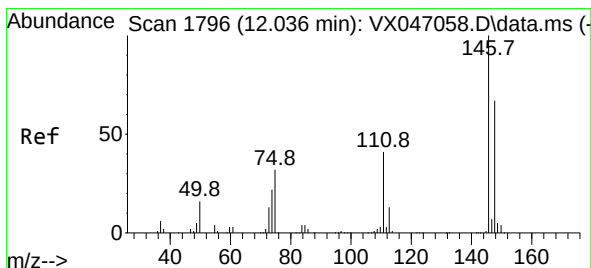
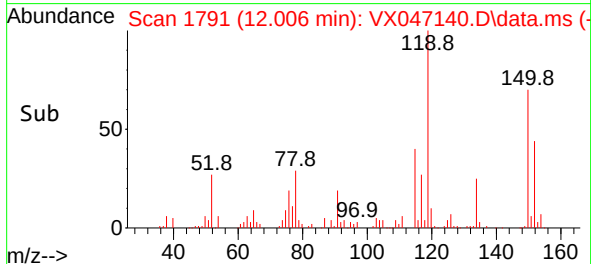
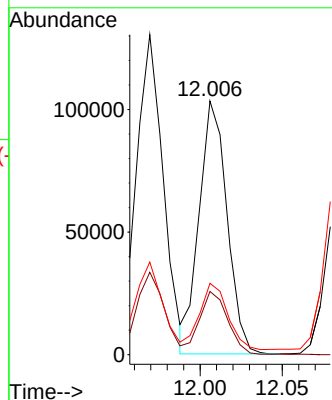
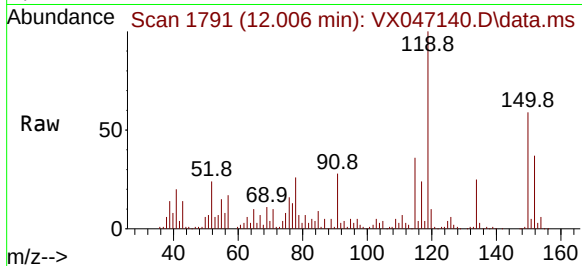




#86
p-Isopropyltoluene
Concen: 5.621 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

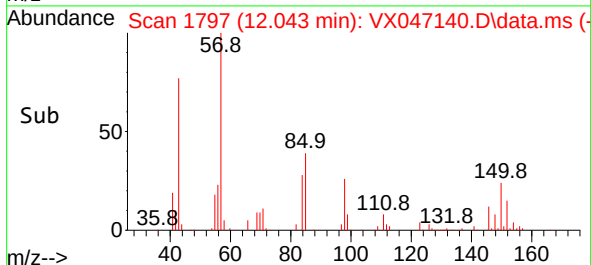
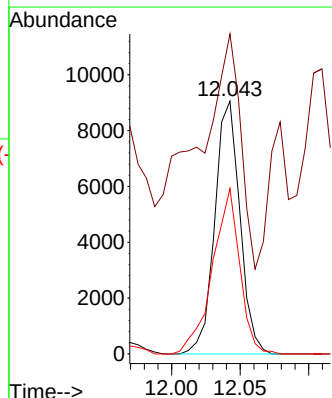
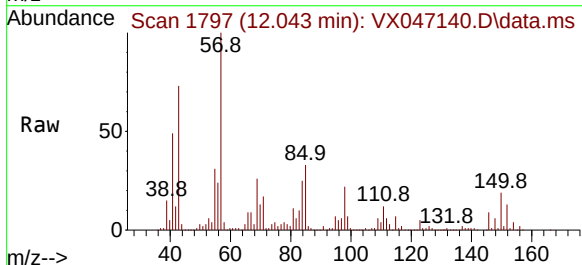
Instrument :
MSVOA_X
ClientSampleId :
SOILME

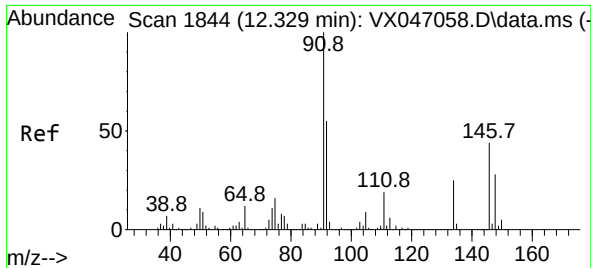
Tgt Ion:119 Resp: 121501
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.4
91 26.4 12.4 37.4



#88
1,4-Dichlorobenzene
Concen: 0.994 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.007 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion:146 Resp: 11550
Ion Ratio Lower Upper
146 100
111 173.0 20.6 61.9#
148 71.0 33.0 98.9

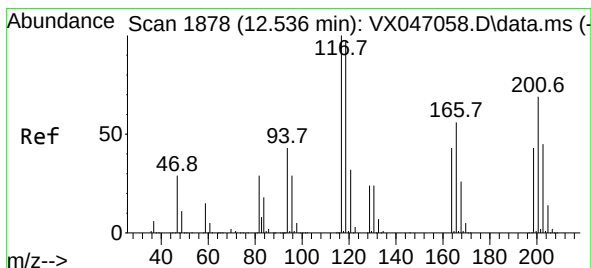
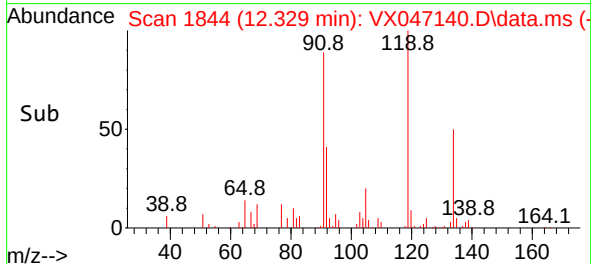
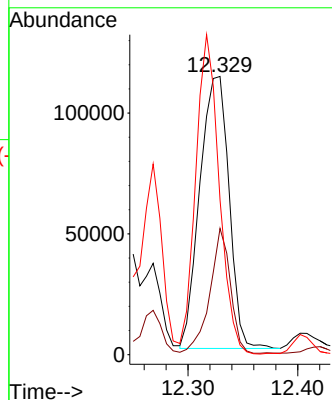
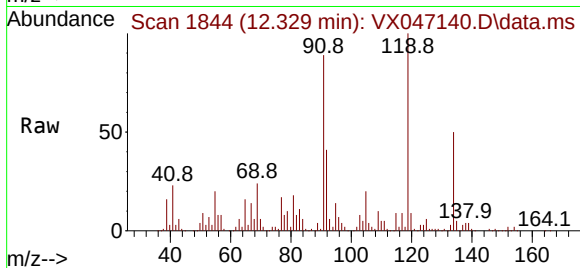




#89
n-Butylbenzene
Concen: 10.281 ug/l
RT: 12.329 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

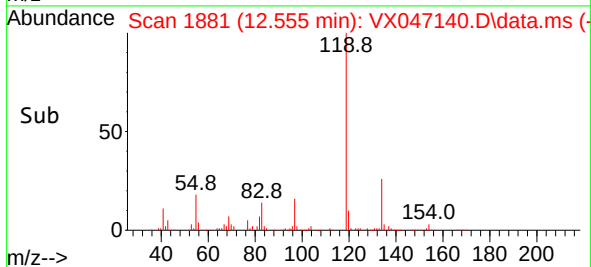
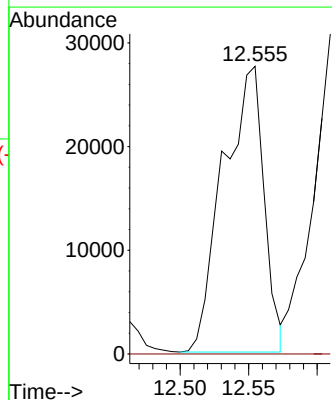
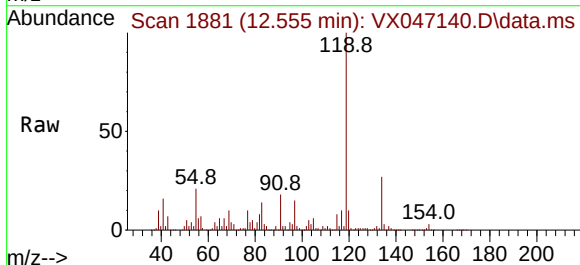
Instrument :
MSVOA_X
ClientSampleId :
SOILME

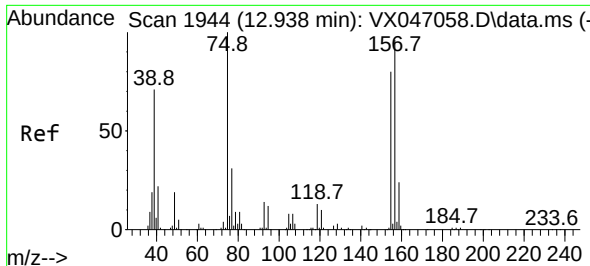
Tgt Ion: 91 Resp: 208405
Ion Ratio Lower Upper
91 100
92 32.3 27.5 82.5
134 94.3 12.8 38.3#



#90
Hexachloroethane
Concen: 14.711 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.019 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion: 117 Resp: 56887
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.5#

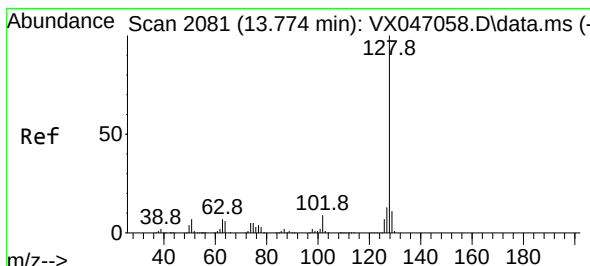
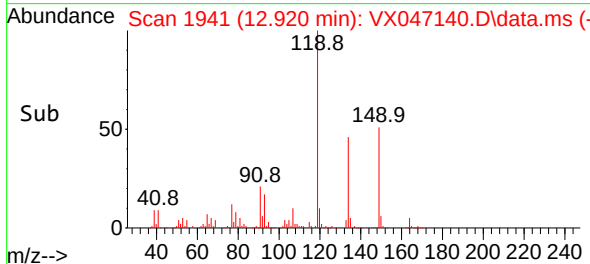
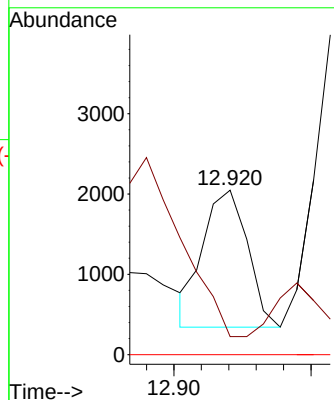
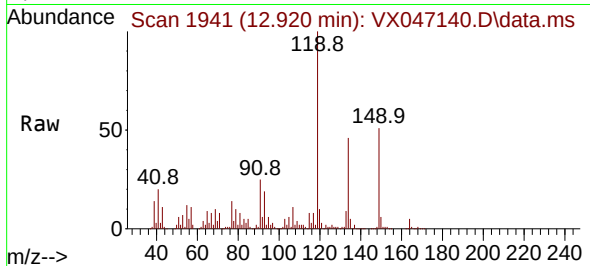




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.392 ug/l
RT: 12.920 min Scan# 1944
Delta R.T. -0.018 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

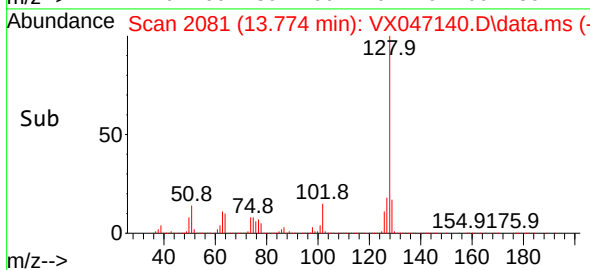
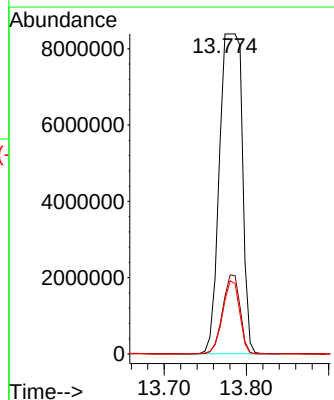
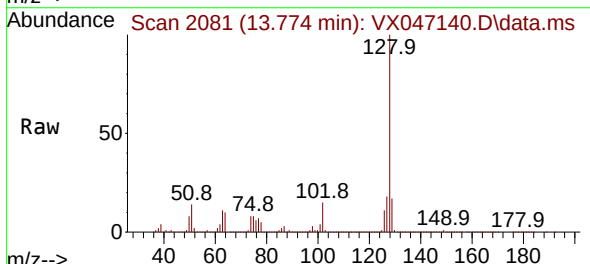
Instrument :
MSVOA_X
ClientSampleId :
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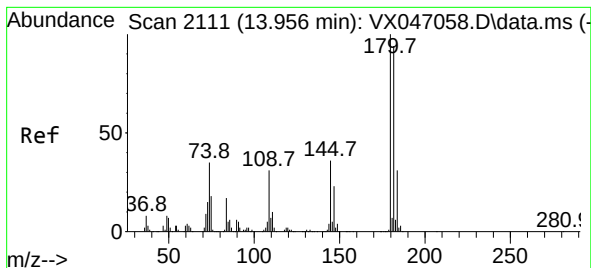
Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
155 0.0 41.3 124.1#
157 0.0 52.8 158.3#



#95
Naphthalene
Concen: 759.338 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047140.D
Acq: 25 Jul 2025 14:08

Tgt Ion:128 Resp:16116731
Ion Ratio Lower Upper
128 100
127 18.9 10.1 15.1#
129 17.2 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.588 ug/l
 RT: 13.975 min Scan# 2114
 Delta R.T. 0.019 min
 Lab File: VX047140.D
 Acq: 25 Jul 2025 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 SOILME

Tgt Ion:180 Resp: 4098
 Ion Ratio Lower Upper
 180 100
 182 10.4 46.9 140.6#
 145 1361.5 17.3 52.0#

