

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086740.D
 Acq On : 21 May 2025 18:42
 Operator : JC\MD
 Sample : Q2093-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 22 01:29:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	263450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	487003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	470769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	226889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	160412	44.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.120%
35) Dibromofluoromethane	8.159	113	145655	50.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	10.565	98	619989	51.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.847	95	233873	55.109	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.220%

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	886	0.206	ug/l #	71
11) Tert butyl alcohol	5.512	59	370	0.558	ug/l #	73
14) Allyl chloride	5.265	41	6917	1.555	ug/l #	21
16) Acetone	4.430	43	20103	14.763	ug/l	89
18) Methyl Acetate	5.024	43	2613	0.686	ug/l #	86
20) Methylene Chloride	5.277	84	287512	80.009	ug/l	95
25) 2-Butanone	7.483	43	6213	2.953	ug/l #	83
28) Bromochloromethane	7.806	49	642	0.240	ug/l #	74
29) Tetrahydrofuran	7.841	42	2060	1.500	ug/l	94
31) Cyclohexane	8.224	56	4841	0.886	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	19365	4.527	ug/l #	49
38) Carbon Tetrachloride	8.224	117	24665	5.852	ug/l #	16
40) Benzene	8.606	78	4952	0.355	ug/l	100
41) Methacrylonitrile	7.853	41	1222	0.524	ug/l #	32
43) Isopropyl Acetate	8.683	43	19341	2.233	ug/l #	84
48) Methyl methacrylate	9.741	41	43585	12.983	ug/l #	36
51) 4-Methyl-2-Pentanone	10.447	43	1807	0.414	ug/l	90
52) Toluene	10.630	92	5014	0.578	ug/l	97
54) cis-1,3-Dichloropropene	10.353	75	21793	4.091	ug/l #	58
57) 1,3-Dichloropropane	11.200	76	1942	0.348	ug/l #	42
59) 2-Hexanone	11.200	43	34071	10.679	ug/l #	42
67) Ethyl Benzene	11.959	91	80566	4.556	ug/l	100
68) m/p-Xylenes	12.065	106	18291	2.731	ug/l	97
69) o-Xylene	12.394	106	10332	1.552	ug/l	98
71) Bromoform	12.847	173	1185	0.500	ug/l #	1
73) Isopropylbenzene	12.688	105	6416	0.366	ug/l	99
76) 1,2,3-Trichloropropane	12.841	75	109865	21.411	ug/l #	1
79) 2-Chlorotoluene	13.094	91	2632	0.201	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.171	105	7742	0.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.841	75	109865	54.033	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.482	105	33568	2.401	ug/l	99
85) sec-Butylbenzene	13.482	105	33568	2.045	ug/l #	56
89) n-Butylbenzene	13.988	91	35671	3.198	ug/l #	41
90) Hexachloroethane	14.312	117	2996	1.342	ug/l #	18
95) Naphthalene	15.635	128	1726158	162.221	ug/l	100

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SOIL-DRUM

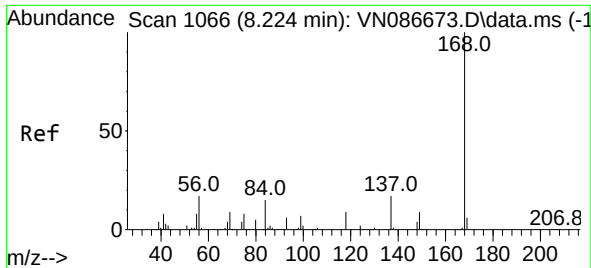
Quant Time: May 22 01:29:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 22 01:29:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

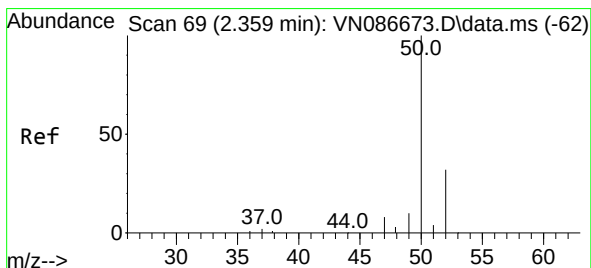
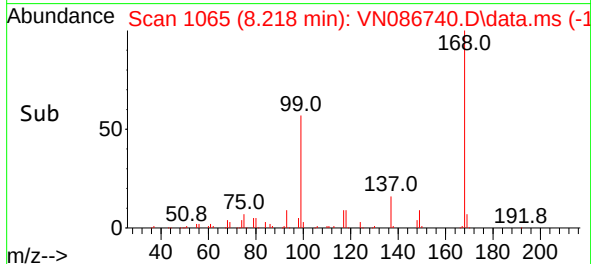
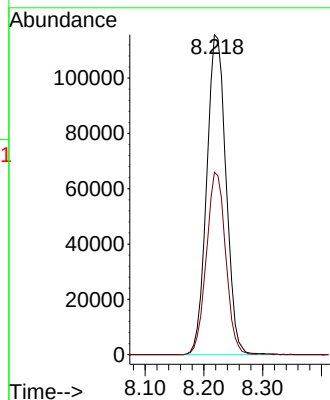
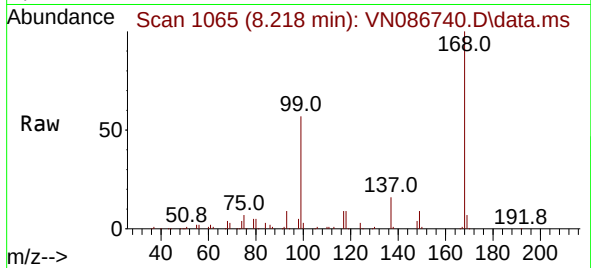




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

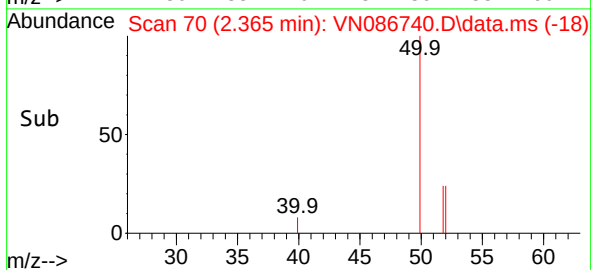
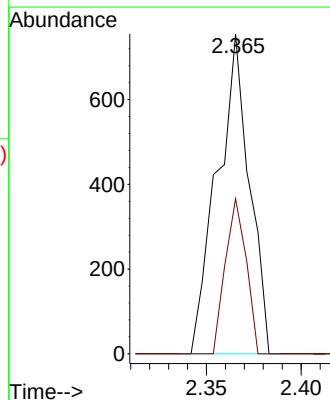
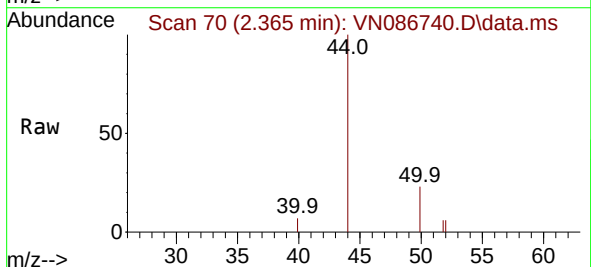
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

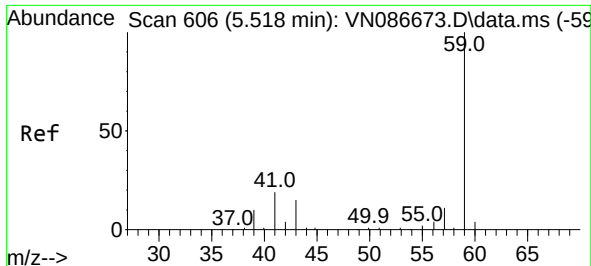
Tgt Ion:168 Resp: 263450
Ion Ratio Lower Upper
168 100
99 57.0 47.0 70.4



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

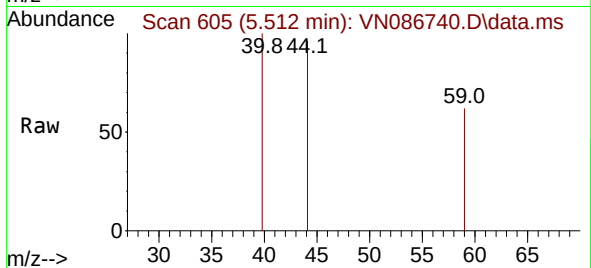
Tgt Ion: 50 Resp: 886
Ion Ratio Lower Upper
50 100
52 48.5 25.9 38.9#



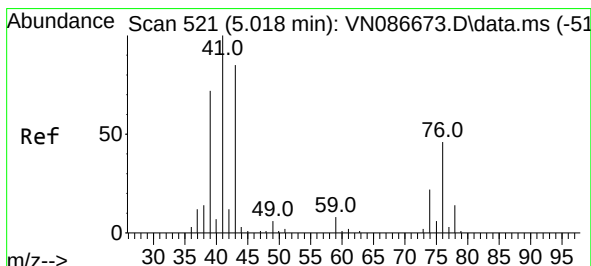
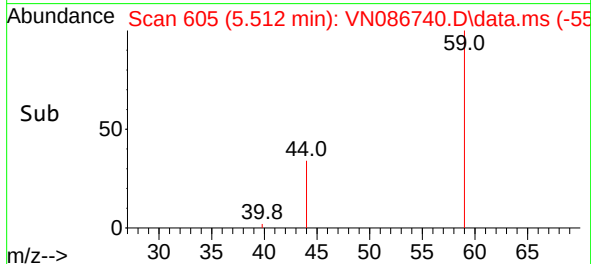
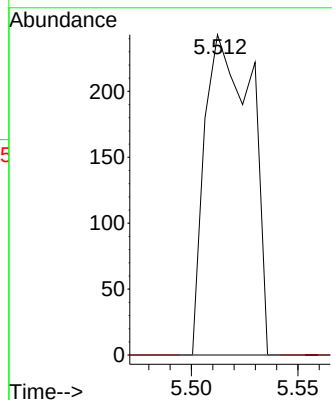


#11
Tert butyl alcohol
Concen: 0.558 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

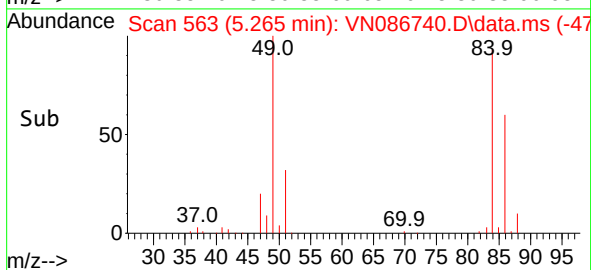
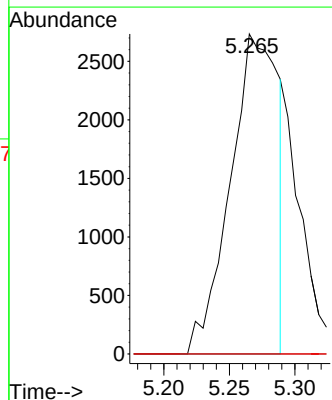
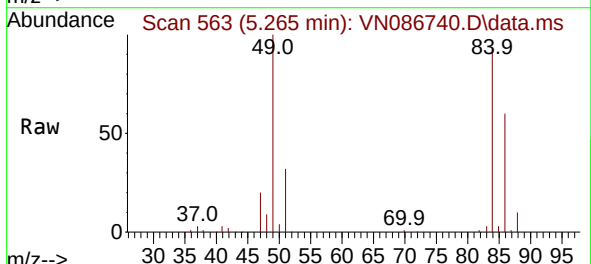


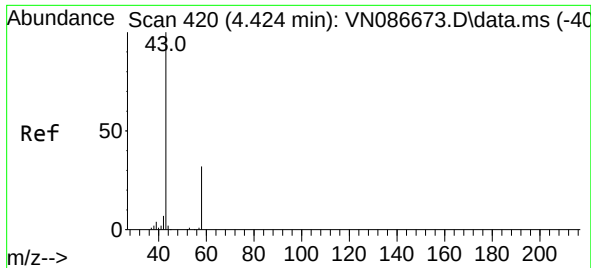
Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#14
Allyl chloride
Concen: 1.555 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.247 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 41 Resp: 6917
Ion Ratio Lower Upper
41 100
39 0.0 57.4 86.0#
76 0.0 33.2 49.8#

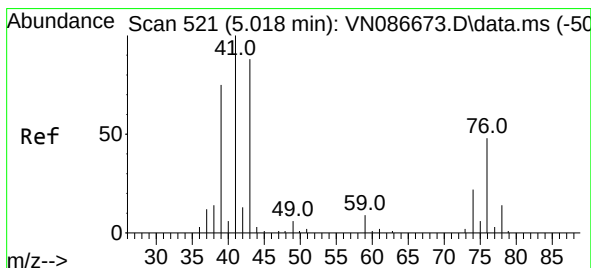
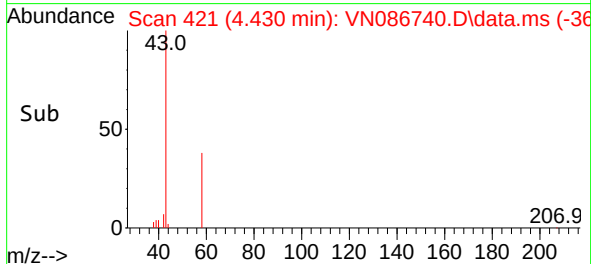
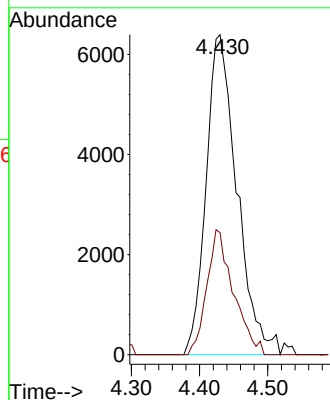
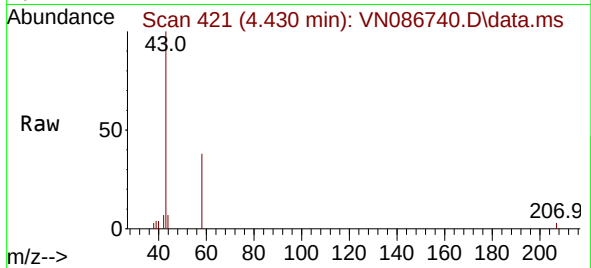




#16
Acetone
Concen: 14.763 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

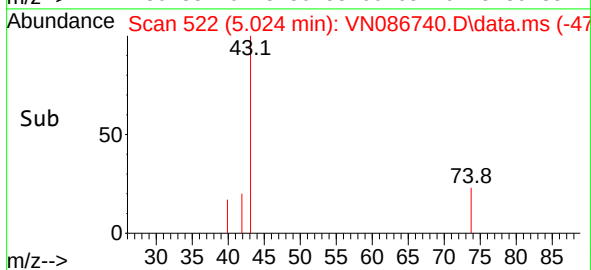
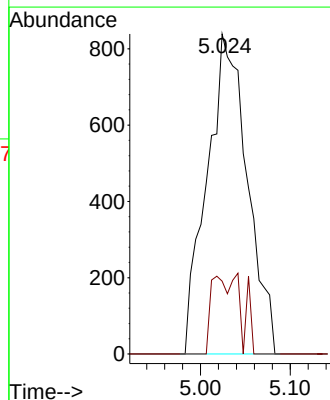
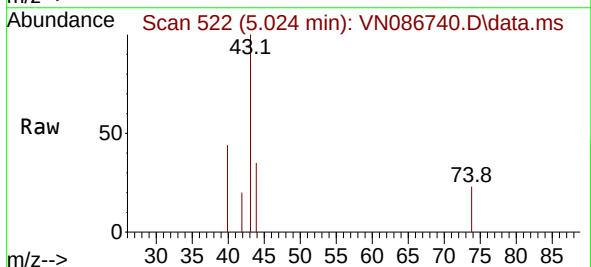
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MSVOA_N
ClientSampleId :
SOIL-DRUM

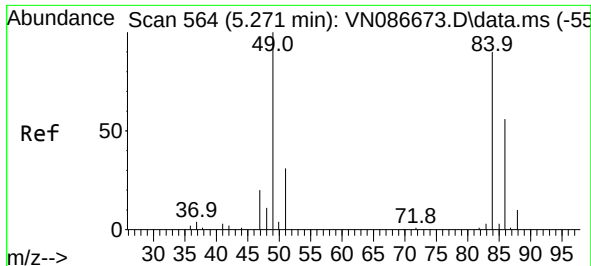
Tgt Ion: 43 Resp: 20103
Ion Ratio Lower Upper
43 100
58 38.2 25.8 38.6



#18
Methyl Acetate
Concen: 0.686 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 43 Resp: 2613
Ion Ratio Lower Upper
43 100
74 18.3 20.5 30.7#



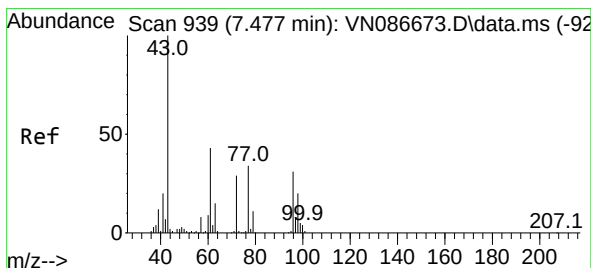
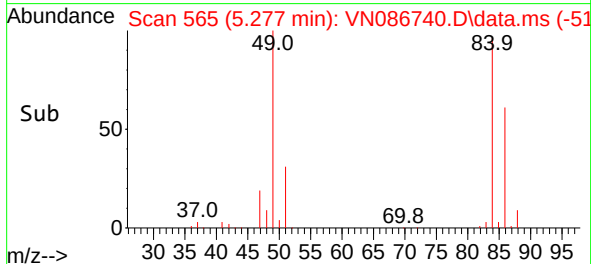
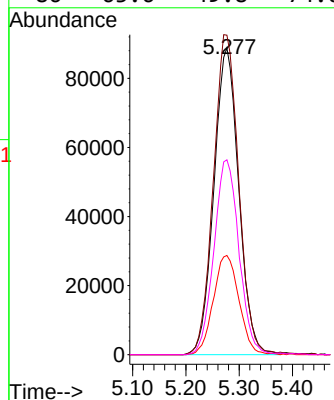
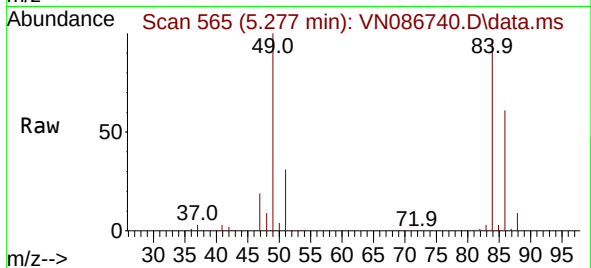


#20
Methylene Chloride
Concen: 80.009 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

Tgt Ion: 84 Resp: 287512

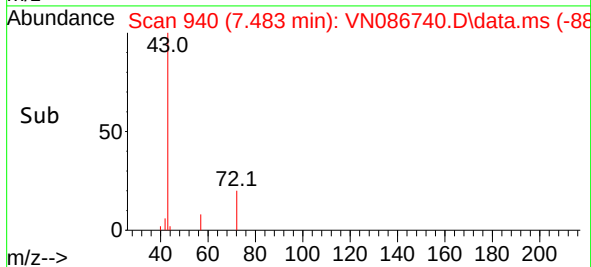
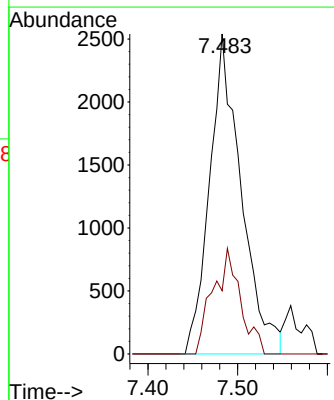
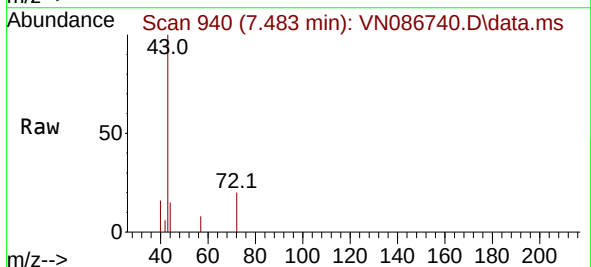
Ion	Ratio	Lower	Upper
84	100		
49	104.2	88.8	133.2
51	32.3	27.8	41.6
86	63.6	49.8	74.6

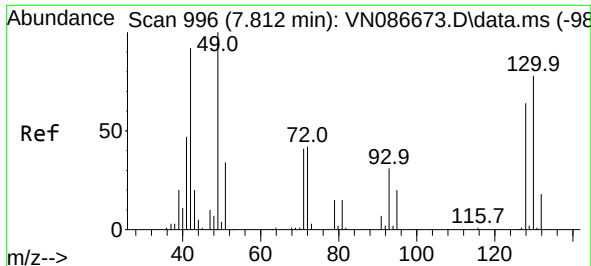


#25
2-Butanone
Concen: 2.953 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 43 Resp: 6213

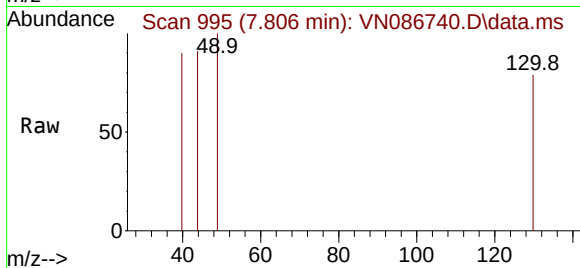
Ion	Ratio	Lower	Upper
43	100		
72	19.8	23.1	34.7#



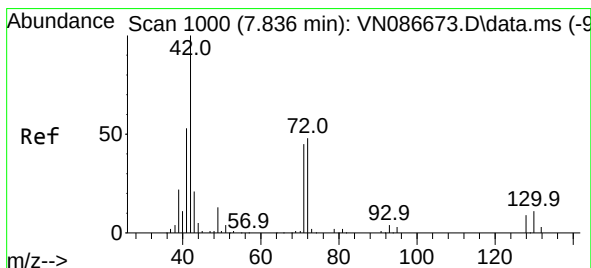
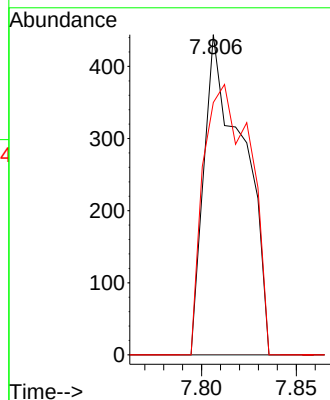
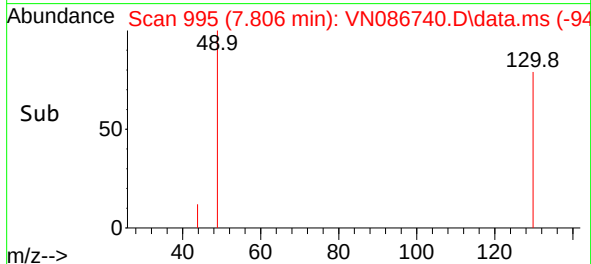


#28
Bromochloromethane
Concen: 0.240 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

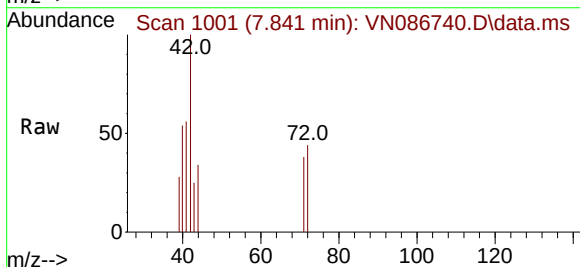
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM



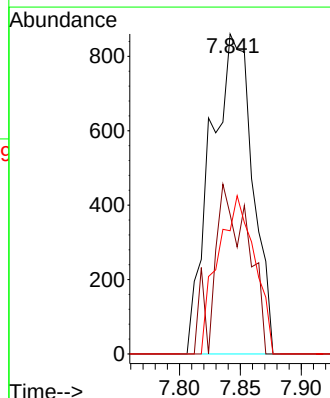
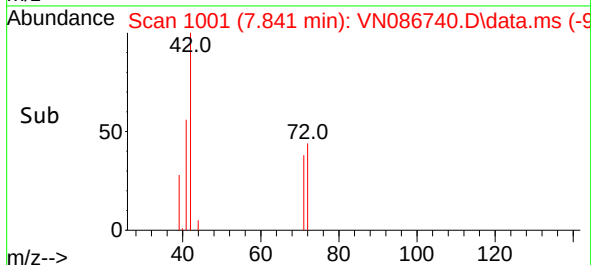
Tgt Ion: 49 Resp: 642
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 100.6 62.2 93.4#

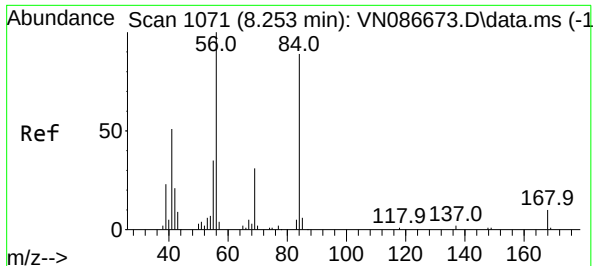


#29
Tetrahydrofuran
Concen: 1.500 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42



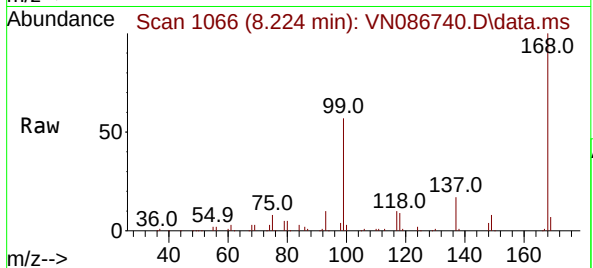
Tgt Ion: 42 Resp: 2060
Ion Ratio Lower Upper
42 100
72 43.0 38.7 58.1
71 43.4 36.2 54.4



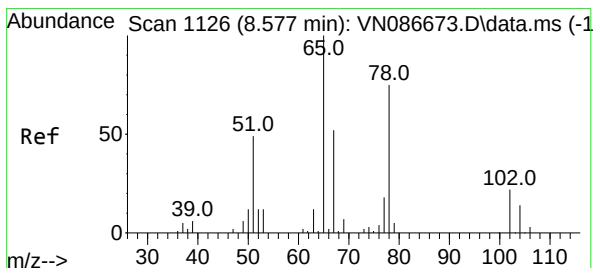
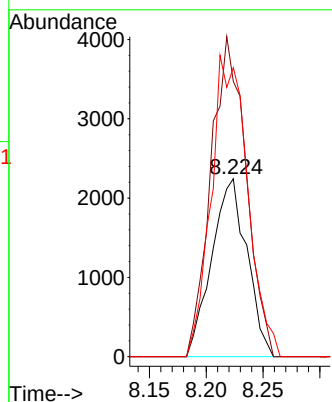
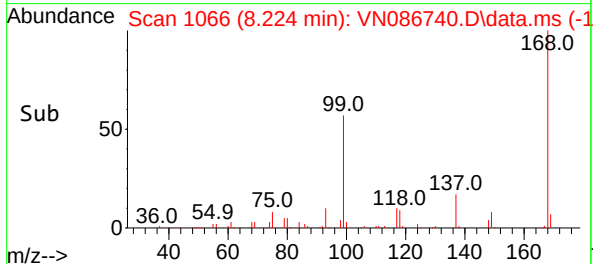


#31
Cyclohexane
Concen: 0.886 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

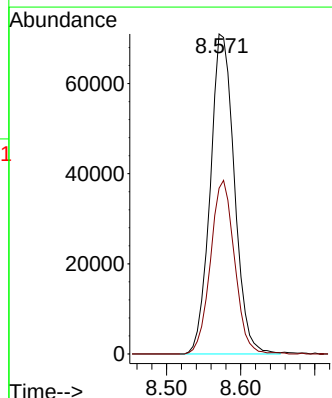
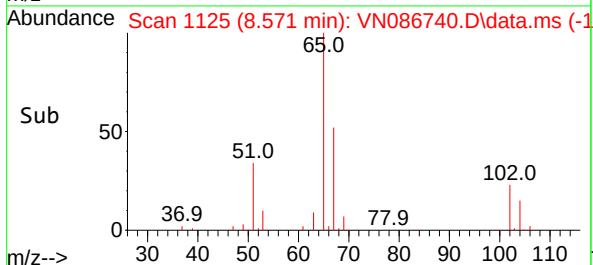
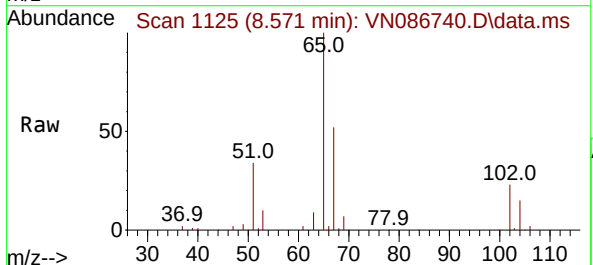


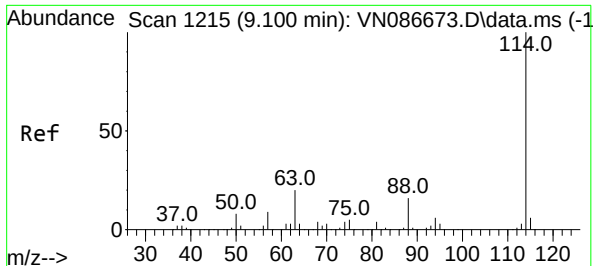
Tgt Ion: 56 Resp: 4841
Ion Ratio Lower Upper
56 100
69 154.7 25.0 37.6#
84 162.3 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 44.064 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 65 Resp: 160412
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.4

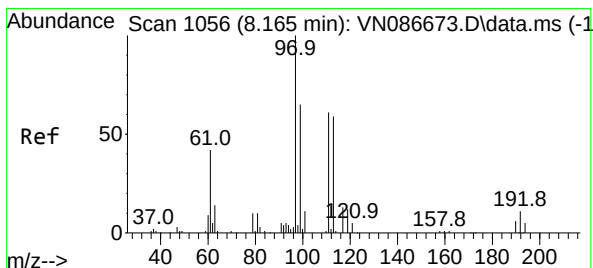
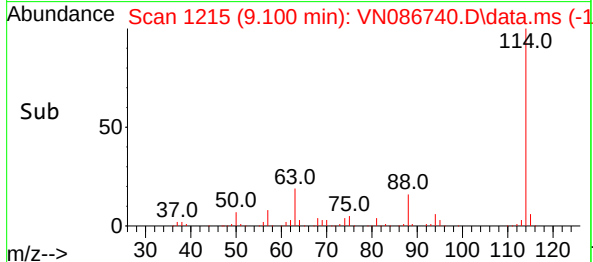
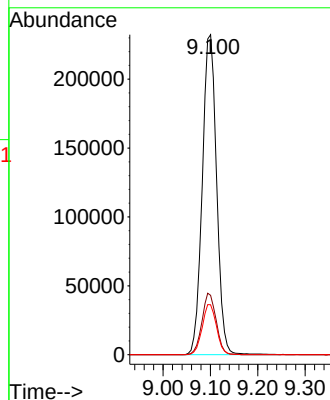
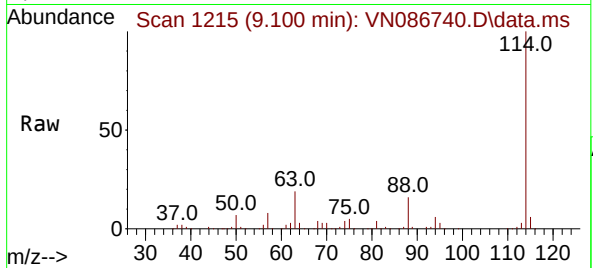




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

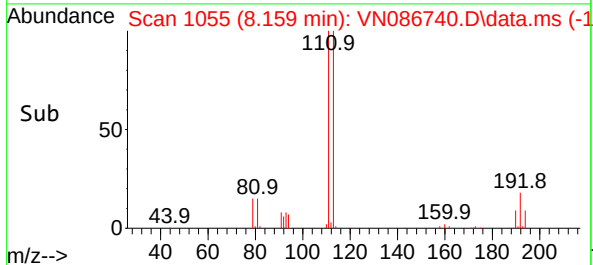
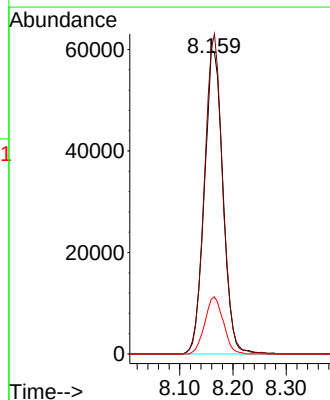
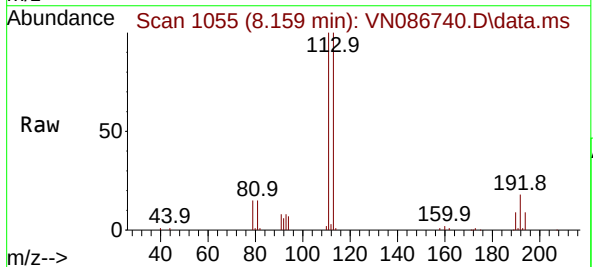
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

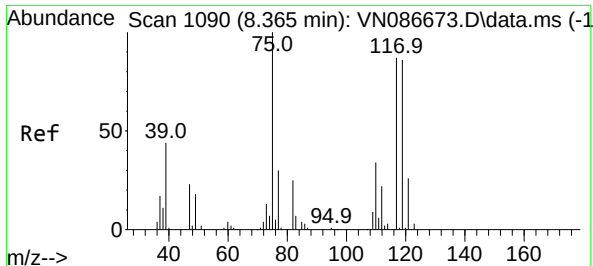
Tgt Ion:114 Resp: 487003
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.2
88 15.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.221 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion:113 Resp: 145655
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.6 13.8 20.8





#36

1,1-Dichloropropene

Concen: 4.527 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086740.D

Acq: 21 May 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

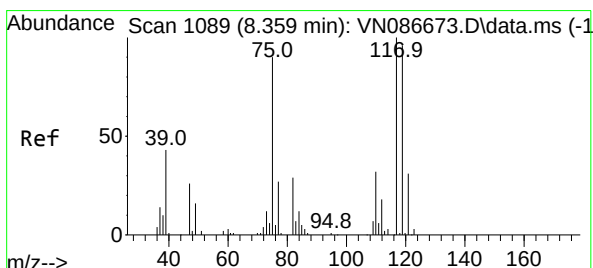
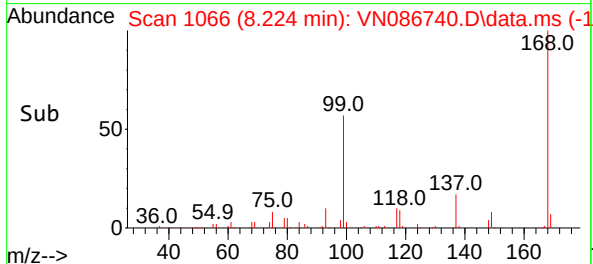
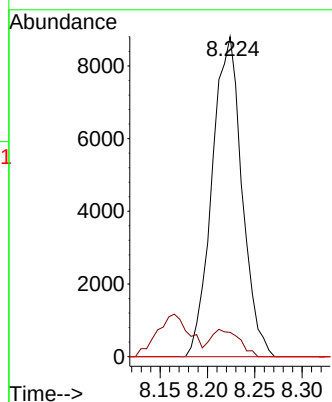
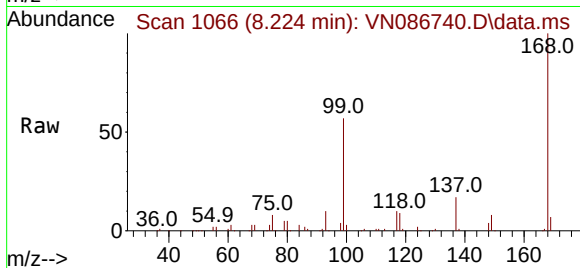
Tgt Ion: 75 Resp: 19365

Ion Ratio Lower Upper

75 100

110 8.1 17.5 52.5#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.852 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086740.D

Acq: 21 May 2025 18:42

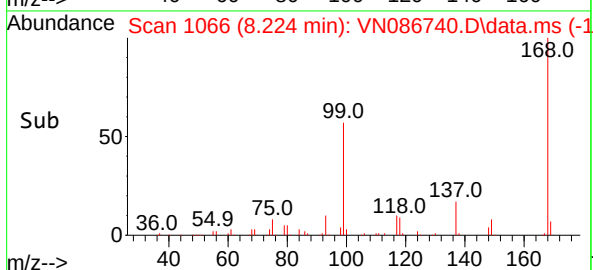
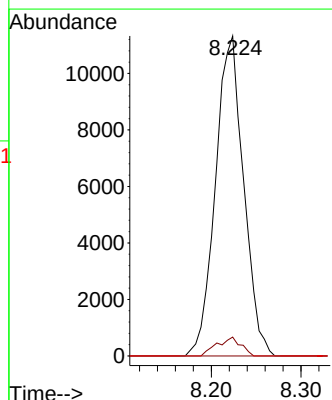
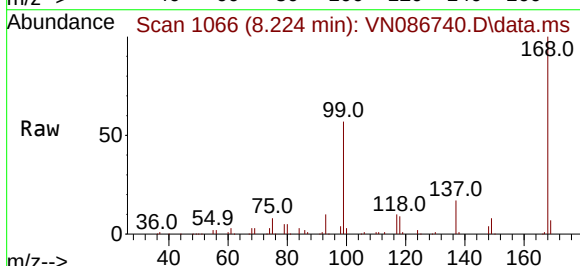
Tgt Ion: 117 Resp: 24665

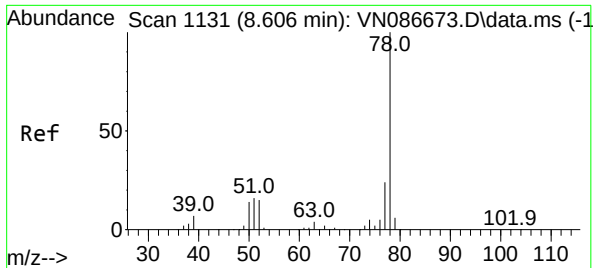
Ion Ratio Lower Upper

117 100

119 5.9 77.0 115.6#

121 0.0 25.0 37.6#

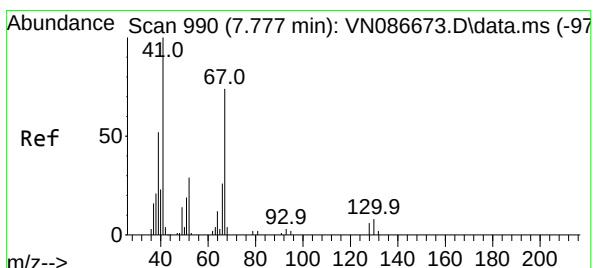
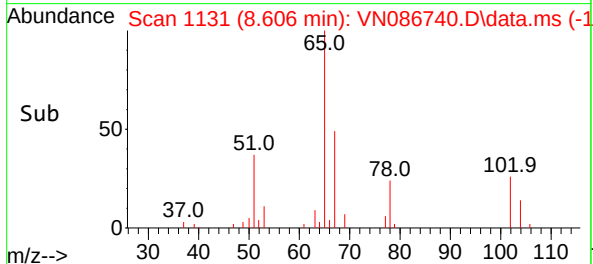
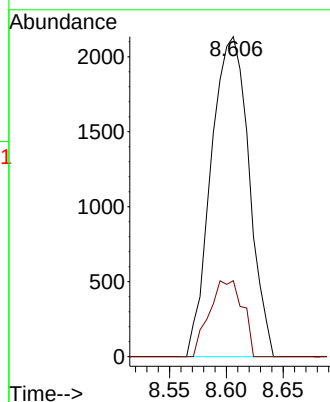
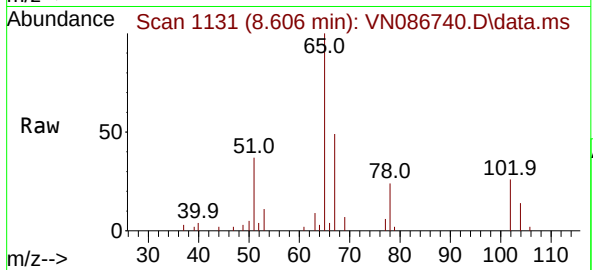




#40
Benzene
Concen: 0.355 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

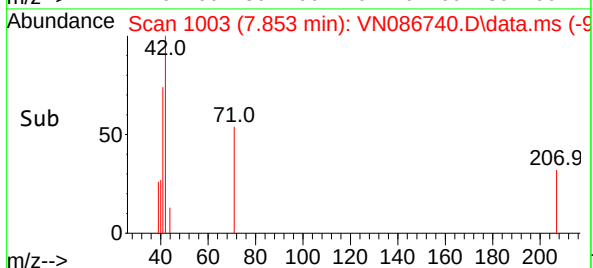
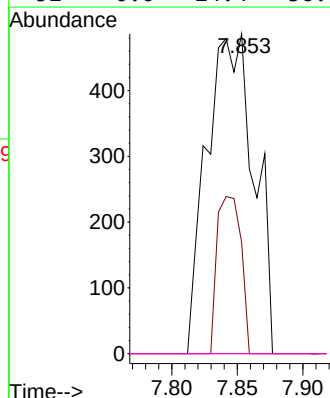
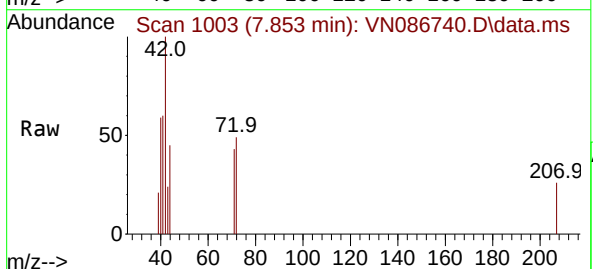
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

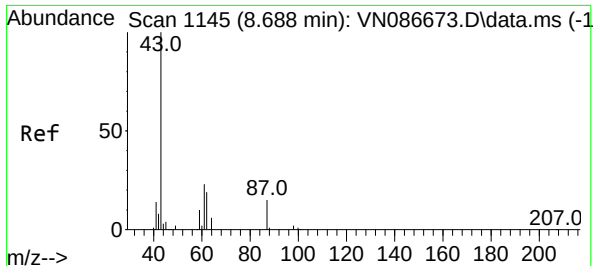
Tgt Ion: 78 Resp: 4952
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



#41
Methacrylonitrile
Concen: 0.524 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.077 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 41 Resp: 1222
Ion Ratio Lower Upper
41 100
39 24.8 44.9 67.3#
67 0.0 63.4 95.0#
52 0.0 24.4 36.6#

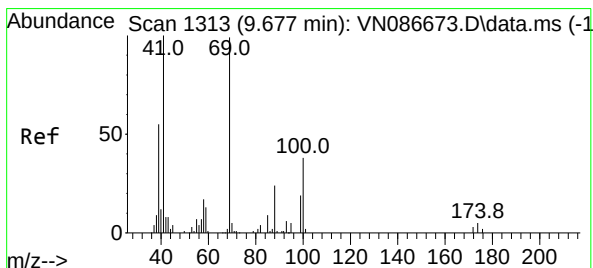
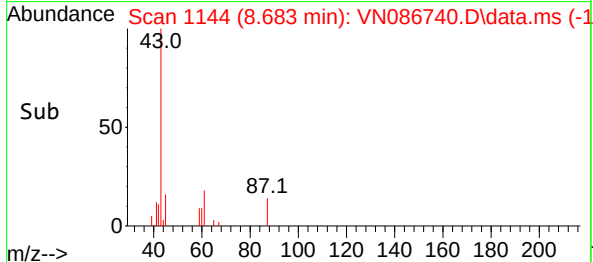
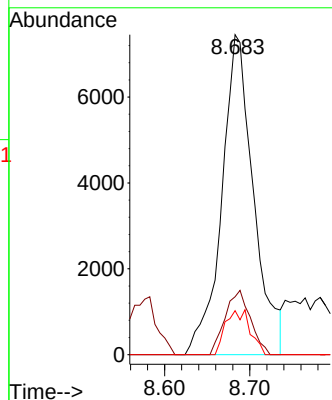
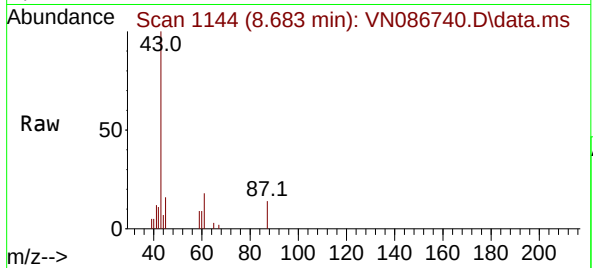




#43
Isopropyl Acetate
Concen: 2.233 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

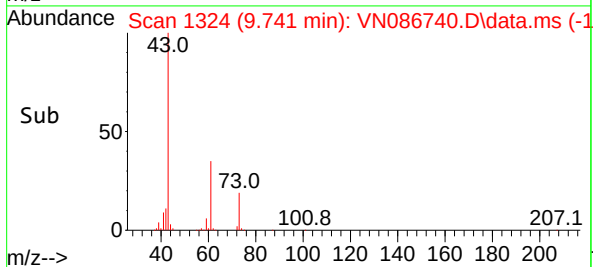
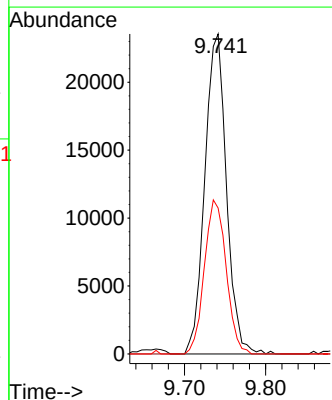
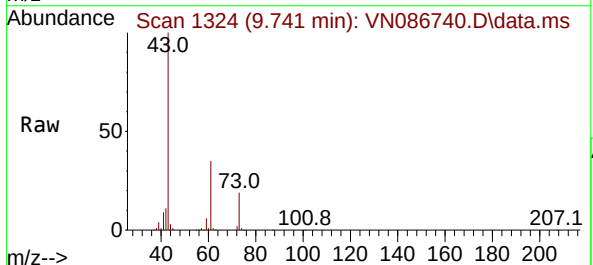
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

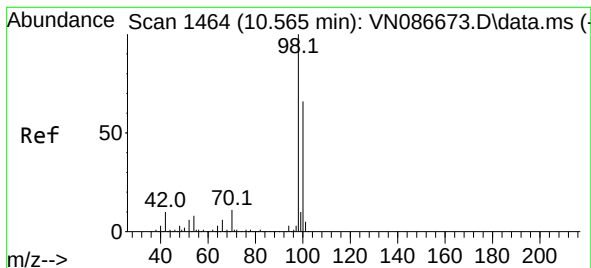
Tgt Ion: 43 Resp: 19341
Ion Ratio Lower Upper
43 100
61 16.0 21.4 32.2#
87 10.8 11.1 16.7#



#48
Methyl methacrylate
Concen: 12.983 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.065 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 41 Resp: 43585
Ion Ratio Lower Upper
41 100
69 0.0 74.1 111.1#
39 48.5 44.1 66.1





#50

Toluene-d8

Concen: 51.584 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086740.D

Acq: 21 May 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

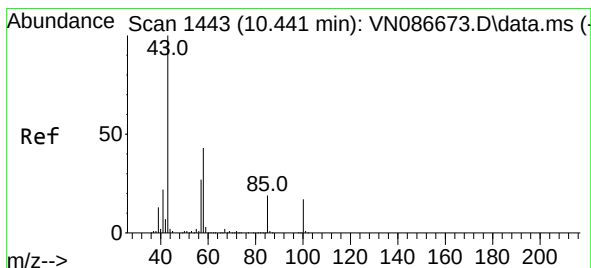
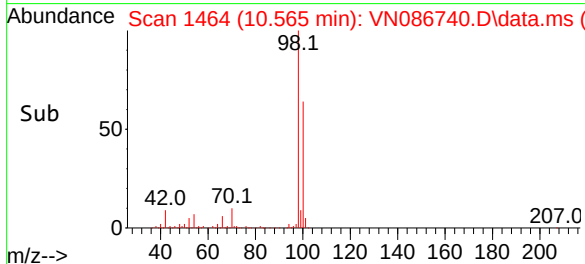
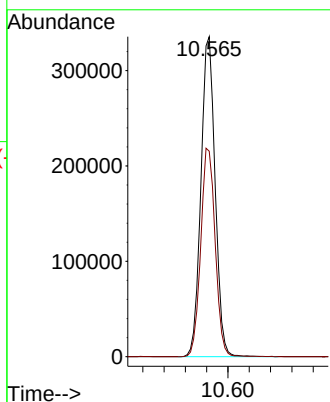
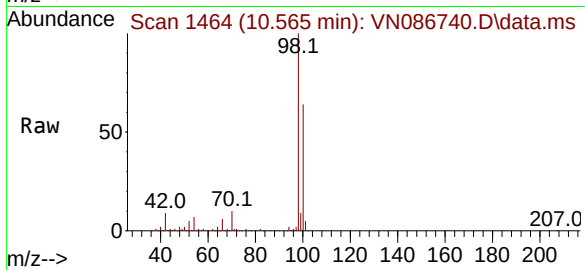
SOIL-DRUM

Tgt Ion: 98 Resp: 619989

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.414 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN086740.D

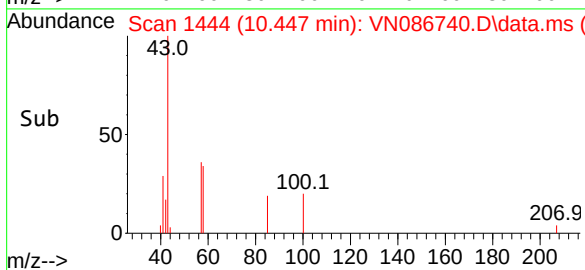
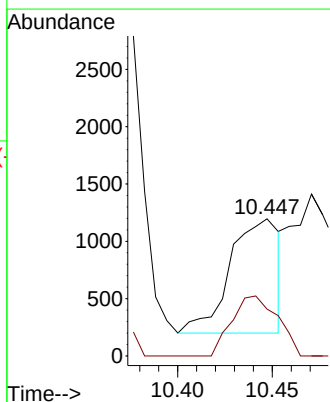
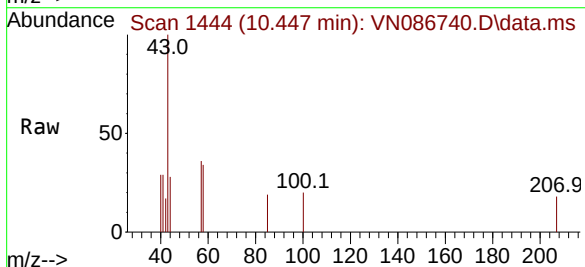
Acq: 21 May 2025 18:42

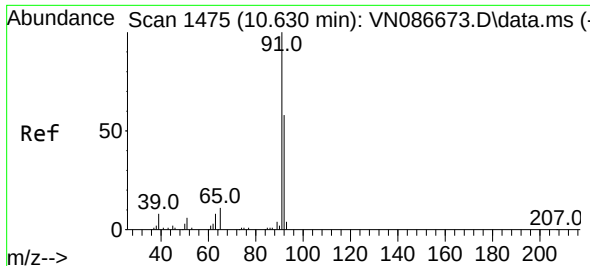
Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

43 100

58 48.9 33.9 50.9

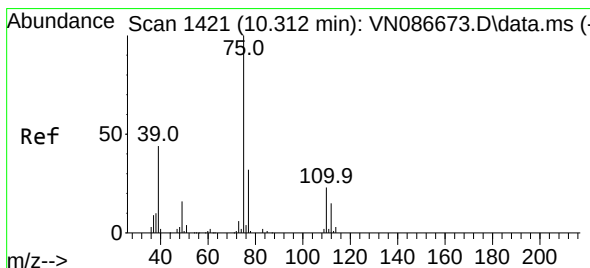
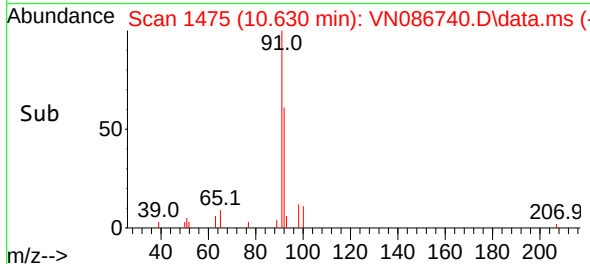
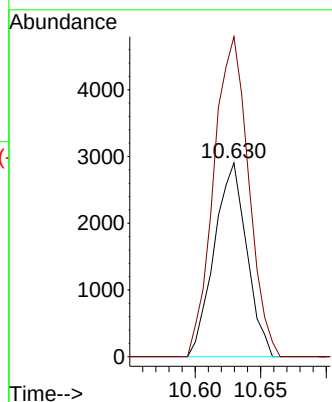
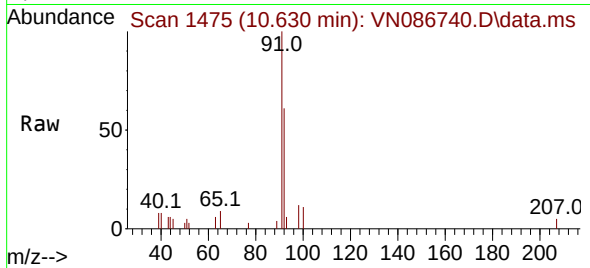




#52
Toluene
Concen: 0.578 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

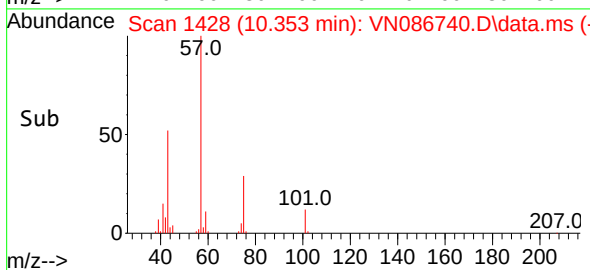
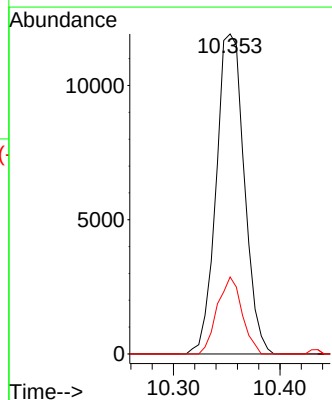
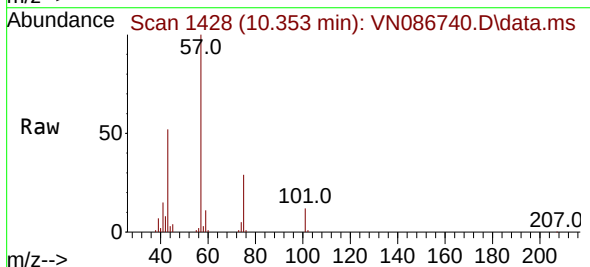
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

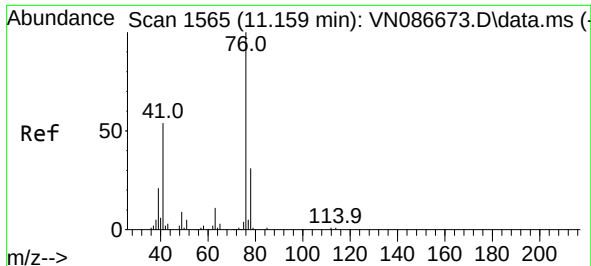
Tgt Ion: 92 Resp: 5014
Ion Ratio Lower Upper
92 100
91 176.7 137.8 206.8



#54
cis-1,3-Dichloropropene
Concen: 4.091 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.041 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 75 Resp: 21793
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 24.0 35.2 52.8#





#57

1,3-Dichloropropane

Concen: 0.348 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.041 min

Lab File: VN086740.D

Acq: 21 May 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

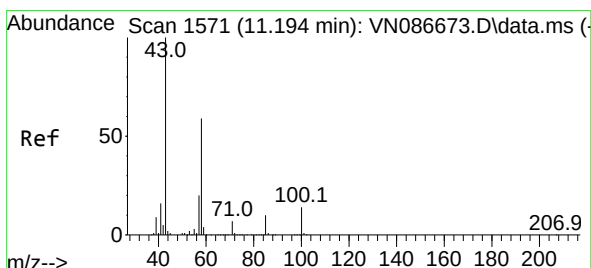
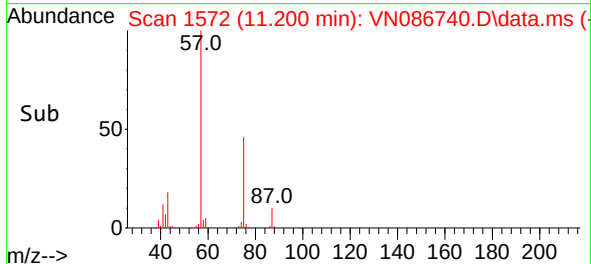
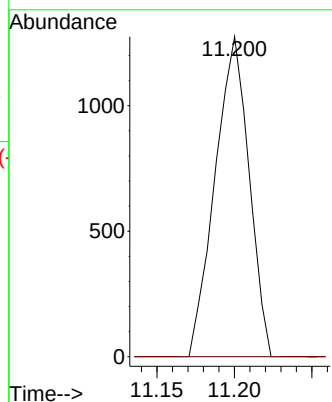
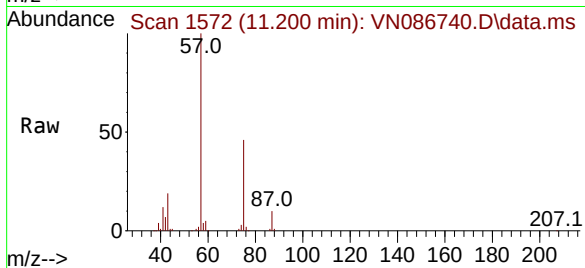
SOIL-DRUM

Tgt Ion: 76 Resp: 1942

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 10.679 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN086740.D

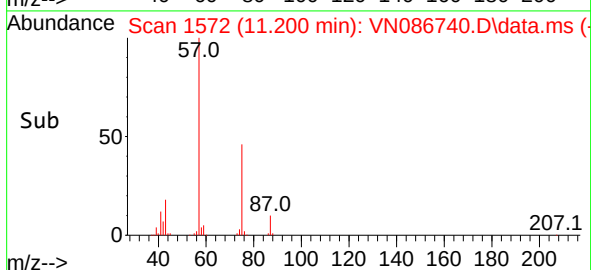
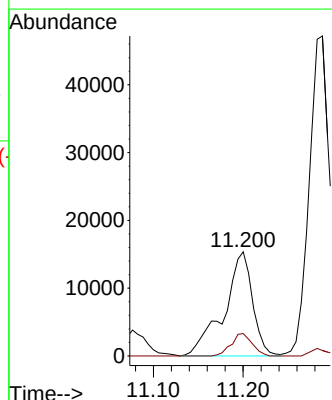
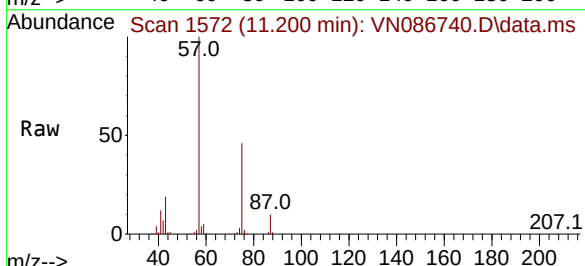
Acq: 21 May 2025 18:42

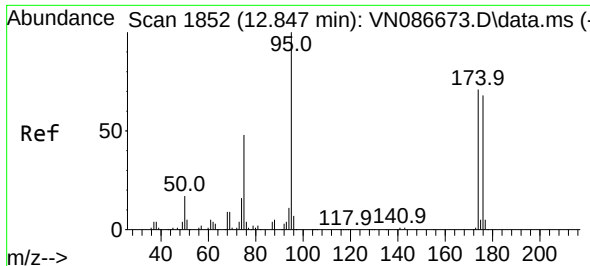
Tgt Ion: 43 Resp: 34071

Ion Ratio Lower Upper

43 100

58 15.8 29.8 89.5#

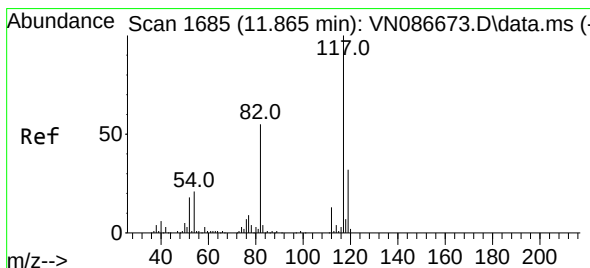
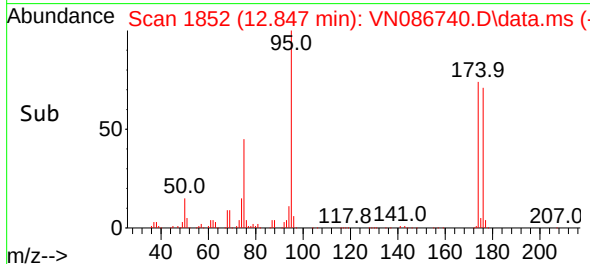
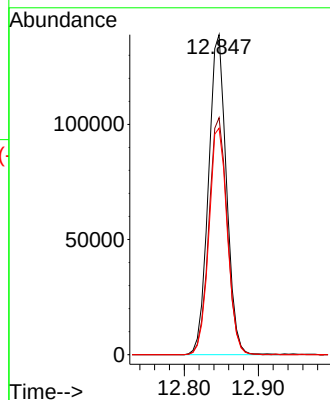
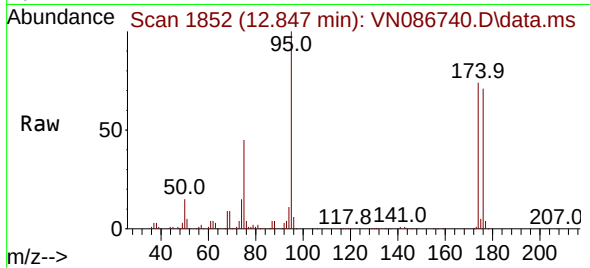




#62
4-Bromofluorobenzene
Concen: 55.109 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

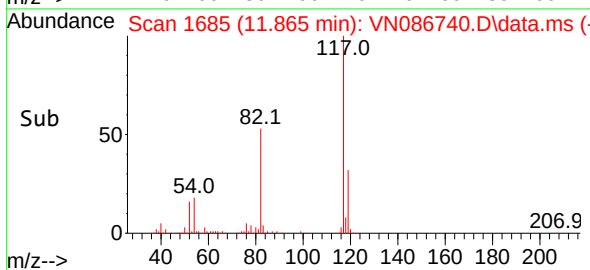
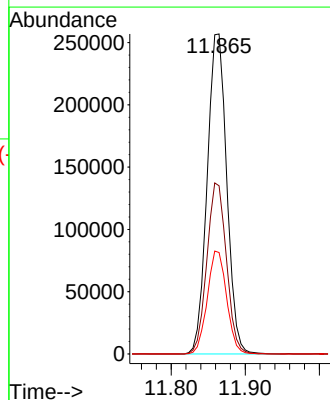
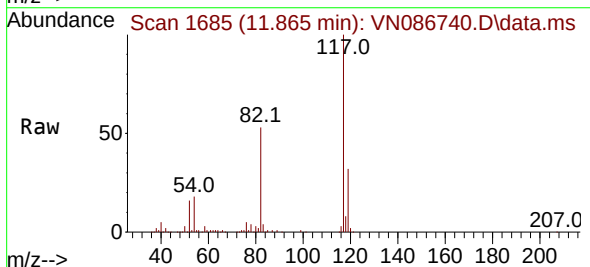
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

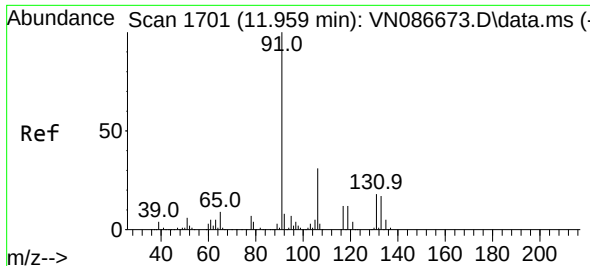
Tgt Ion: 95 Resp: 233873
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.4
176 72.3 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 117 Resp: 470769
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 31.7 25.4 38.2

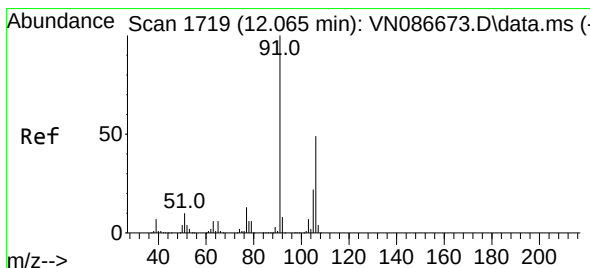
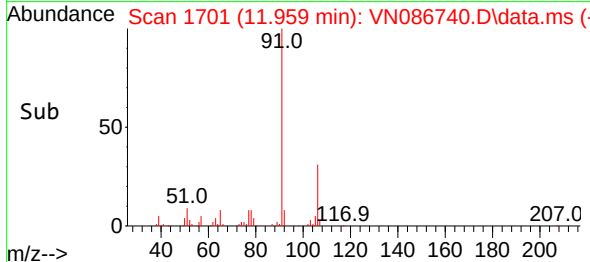
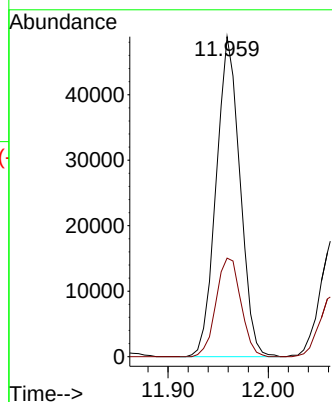
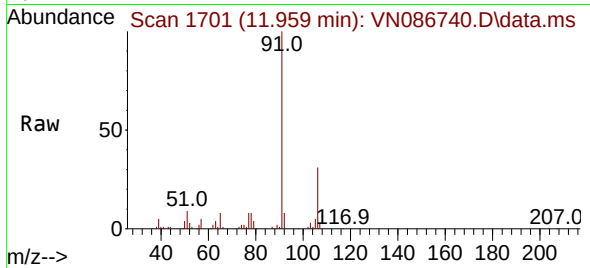




#67
Ethyl Benzene
Concen: 4.556 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

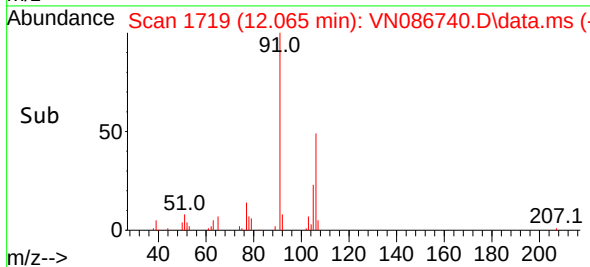
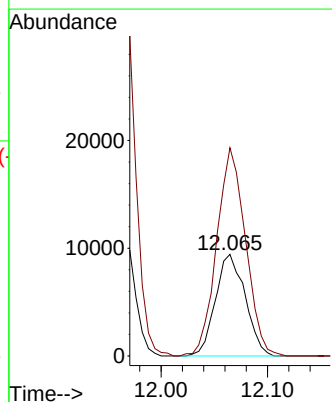
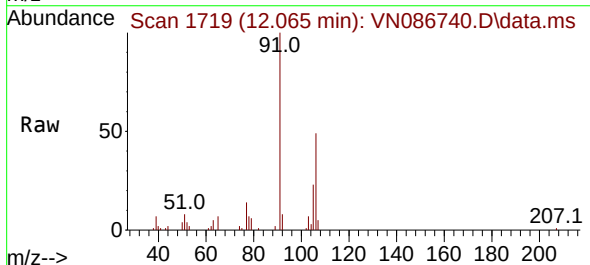
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

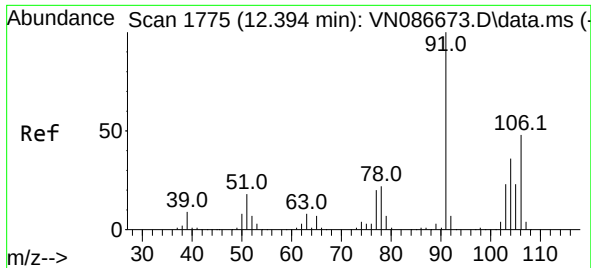
Tgt Ion: 91 Resp: 80566
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 2.731 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 106 Resp: 18291
Ion Ratio Lower Upper
106 100
91 198.7 162.4 243.6

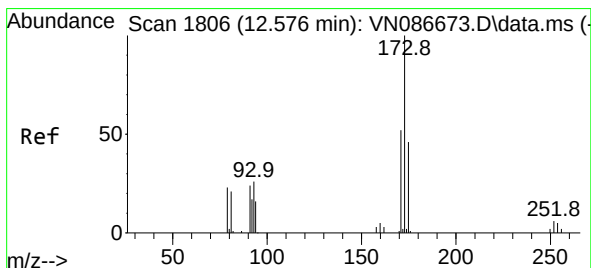
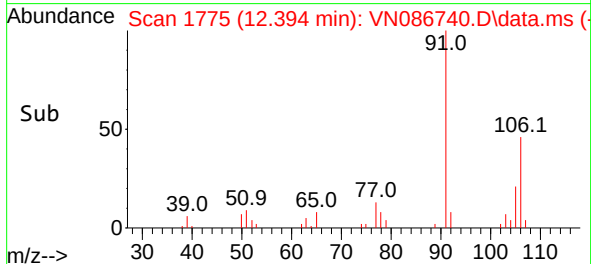
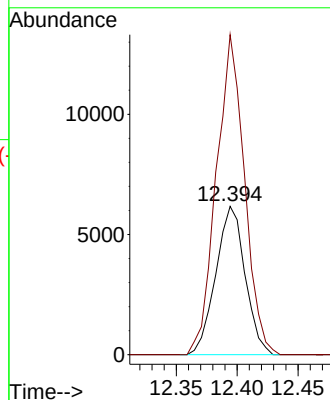
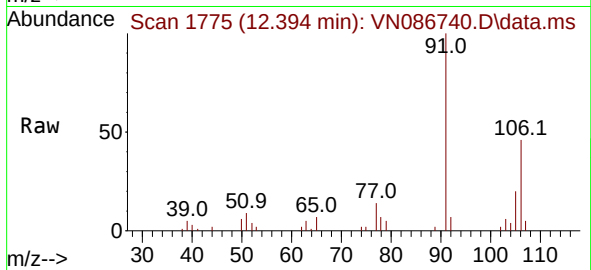




#69
o-Xylene
Concen: 1.552 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

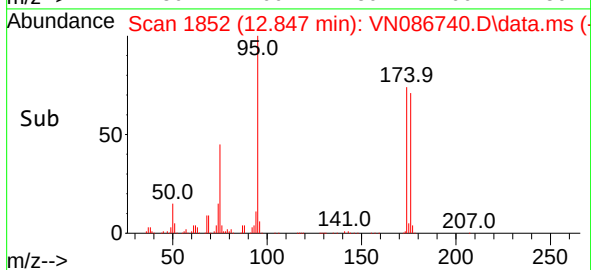
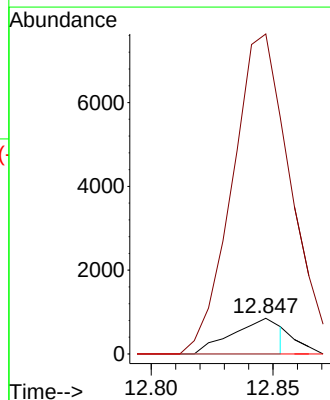
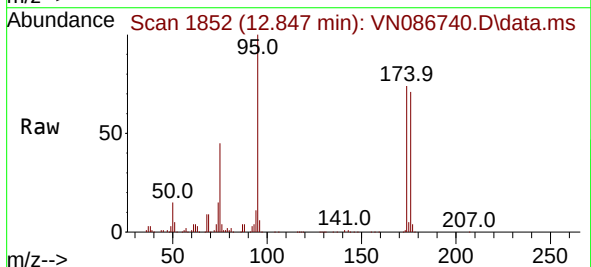
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

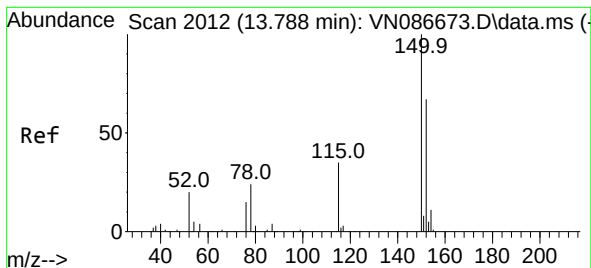
Tgt Ion:106 Resp: 10332
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.1



#71
Bromoform
Concen: 0.500 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion:173 Resp: 1185
Ion Ratio Lower Upper
173 100
175 882.9 23.4 70.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN086740.D

Acq: 21 May 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

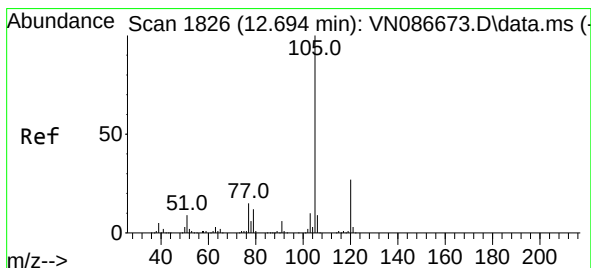
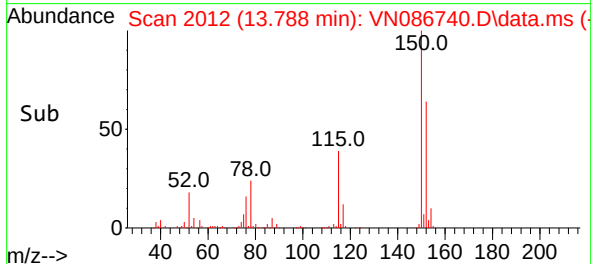
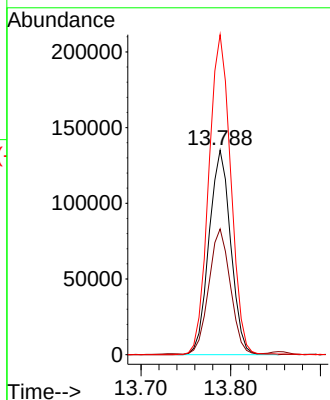
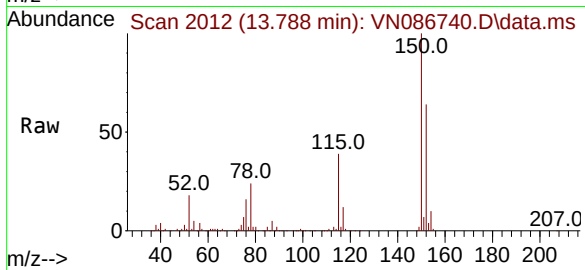
Tgt Ion:152 Resp: 226889

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.1

150 159.0 0.0 347.8



#73

Isopropylbenzene

Concen: 0.366 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN086740.D

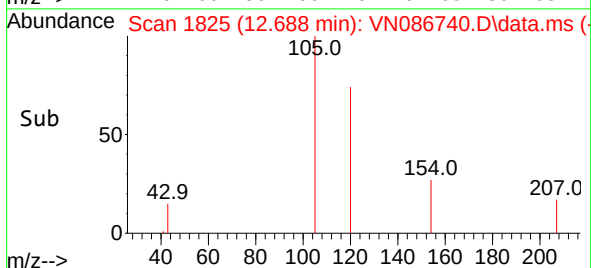
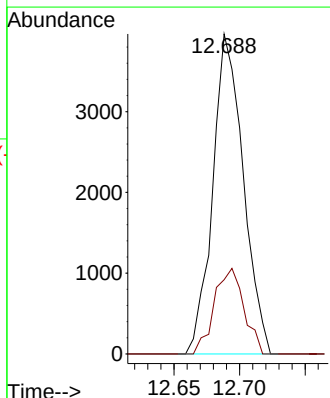
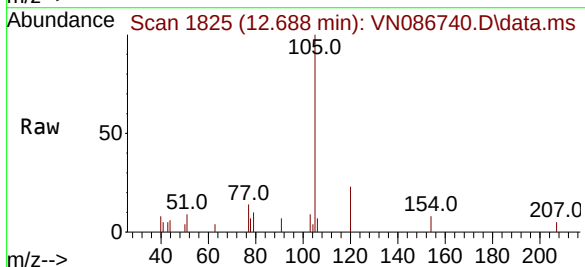
Acq: 21 May 2025 18:42

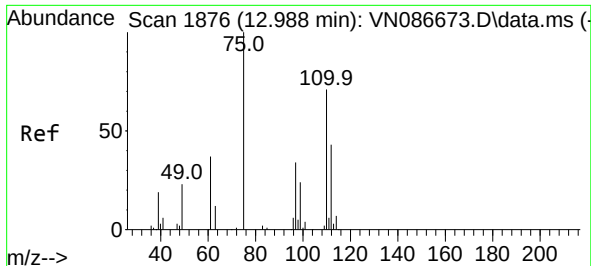
Tgt Ion:105 Resp: 6416

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1

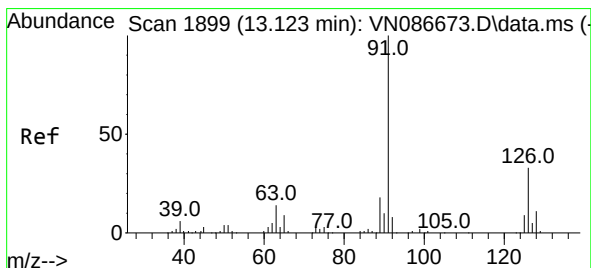
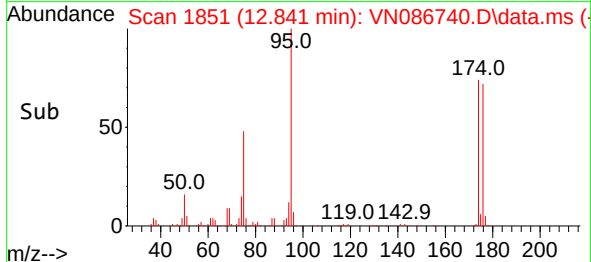
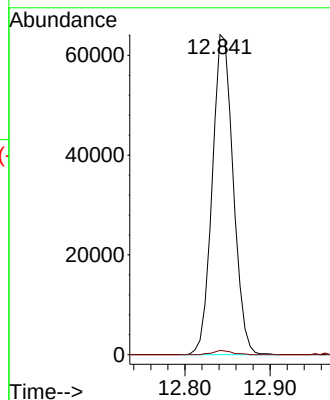
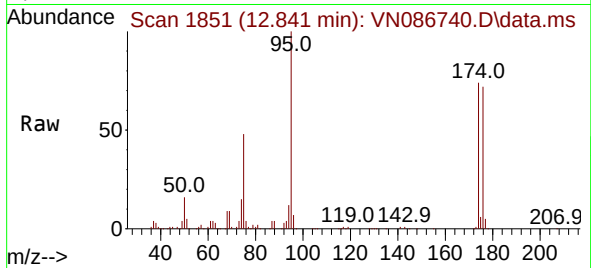




#76
1,2,3-Trichloropropane
Concen: 21.411 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

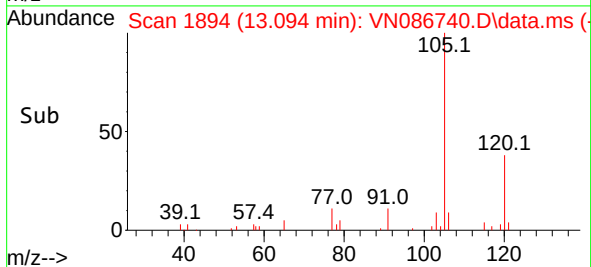
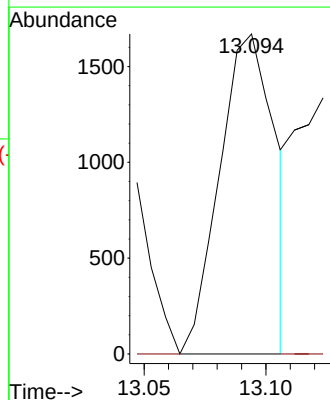
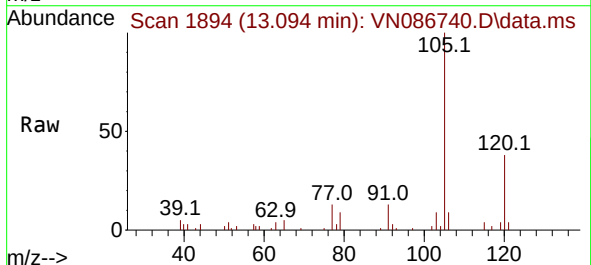
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

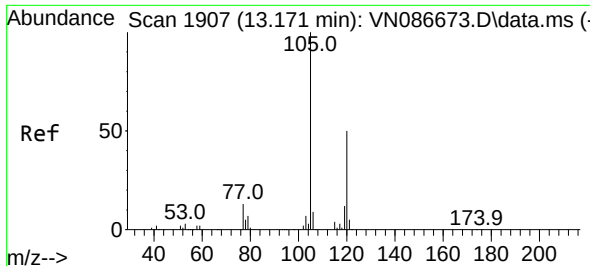
Tgt Ion: 75 Resp: 109865
Ion Ratio Lower Upper
75 100
77 1.2 96.0 288.1#



#79
2-Chlorotoluene
Concen: 0.201 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Tgt Ion: 91 Resp: 2632
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#

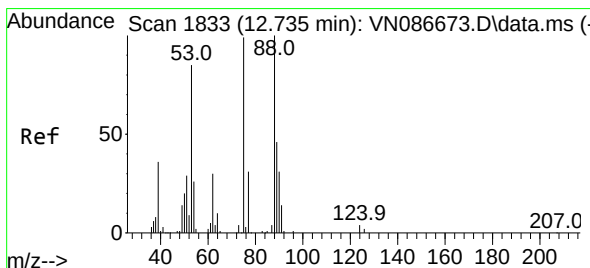
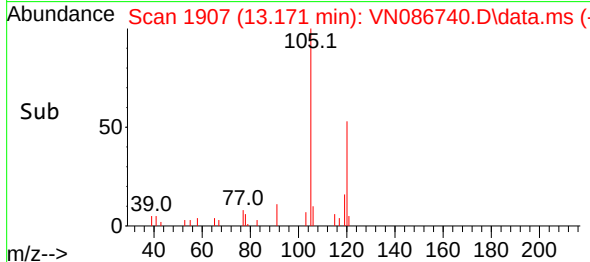
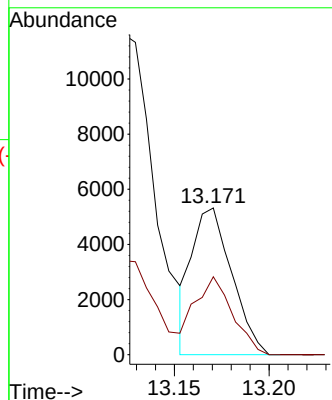
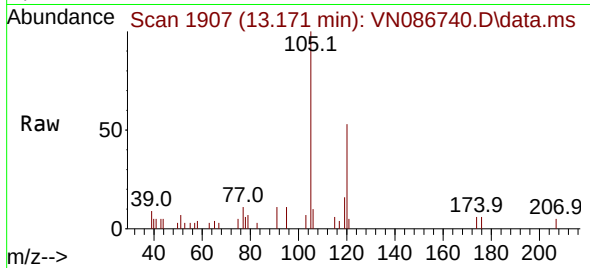




#80
 1,3,5-Trimethylbenzene
 Concen: 0.551 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN086740.D
 Acq: 21 May 2025 18:42

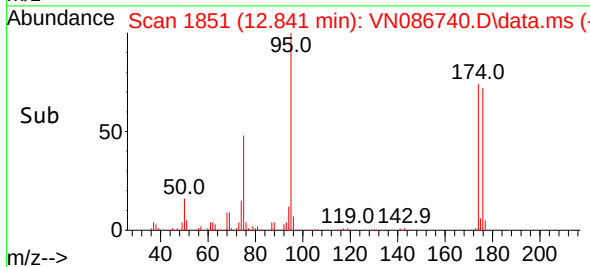
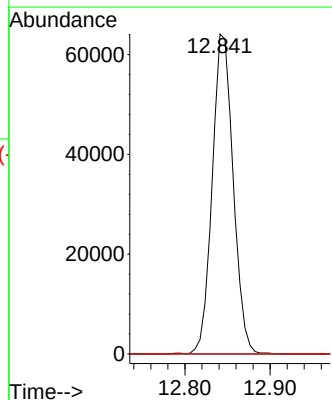
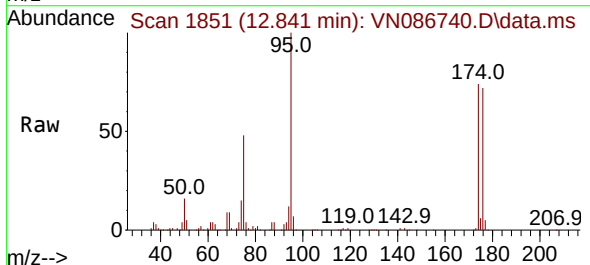
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

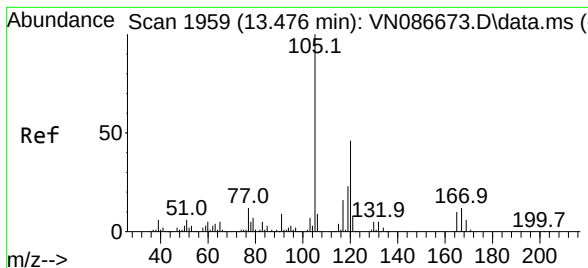
Tgt Ion:105 Resp: 7742
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.033 ug/l
 RT: 12.841 min Scan# 1851
 Delta R.T. 0.106 min
 Lab File: VN086740.D
 Acq: 21 May 2025 18:42

Tgt Ion: 75 Resp: 109865
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 32.4 48.6#





#84

1,2,4-Trimethylbenzene

Concen: 2.401 ug/l

RT: 13.482 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VN086740.D

Acq: 21 May 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

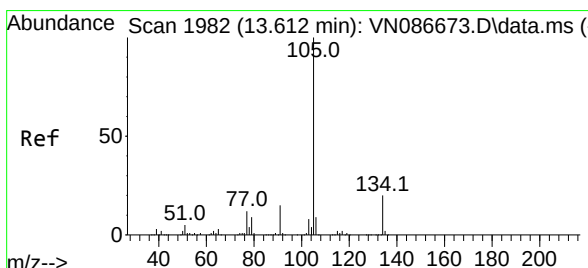
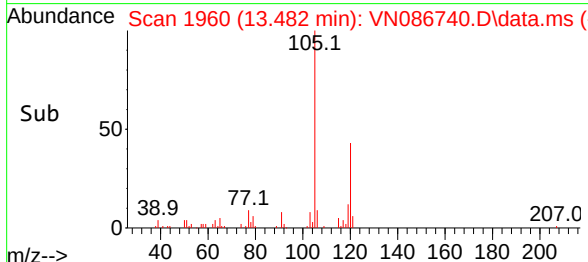
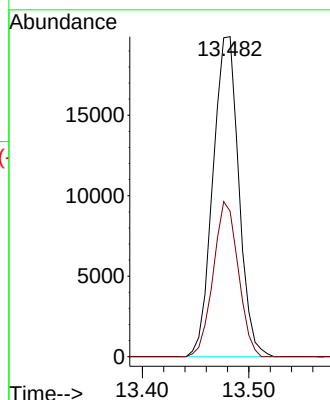
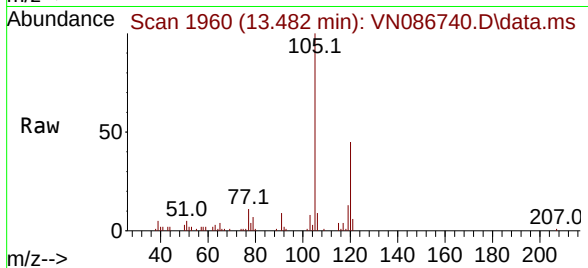
SOIL-DRUM

Tgt Ion:105 Resp: 33568

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6



#85

sec-Butylbenzene

Concen: 2.045 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.129 min

Lab File: VN086740.D

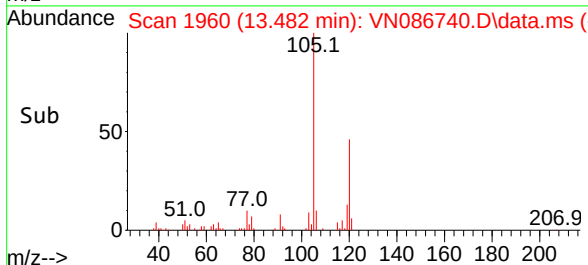
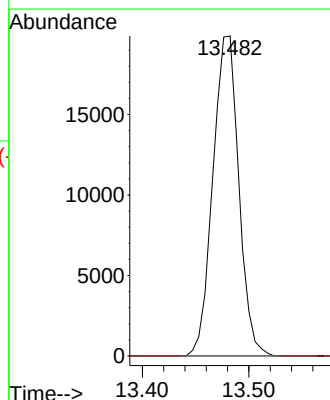
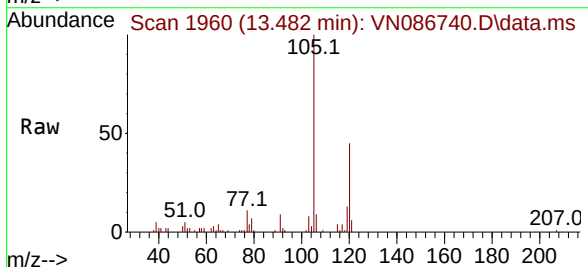
Acq: 21 May 2025 18:42

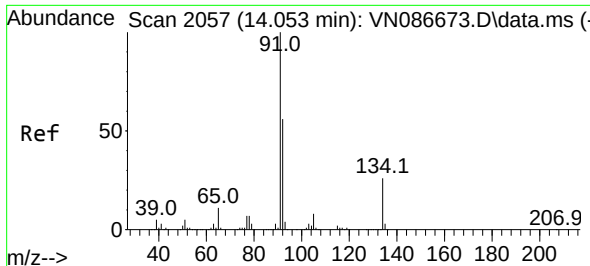
Tgt Ion:105 Resp: 33568

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#

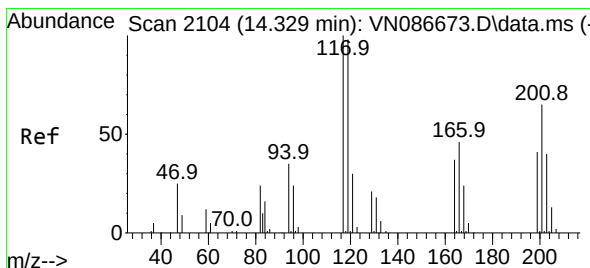
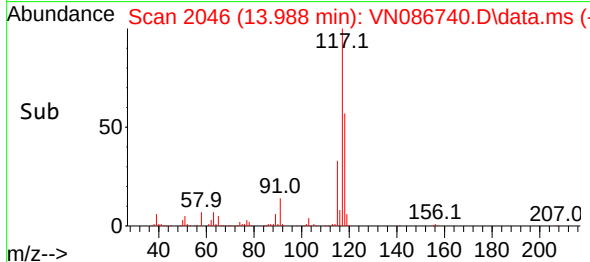
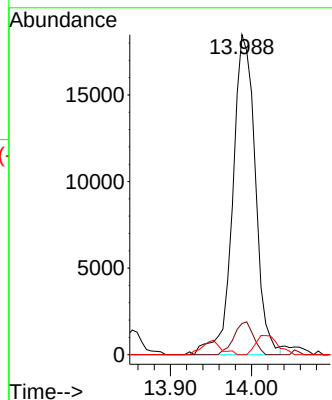
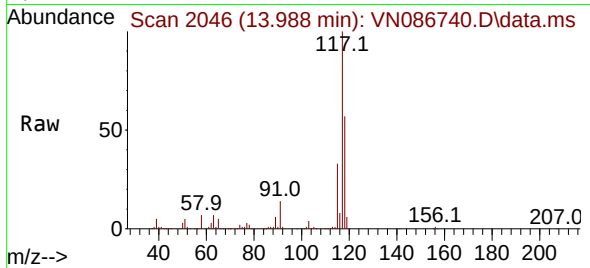




#89
n-Butylbenzene
Concen: 3.198 ug/l
RT: 13.988 min Scan# 2057
Delta R.T. -0.065 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

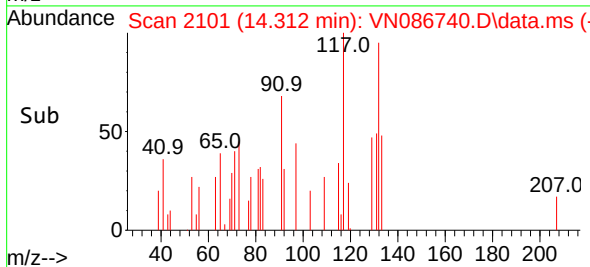
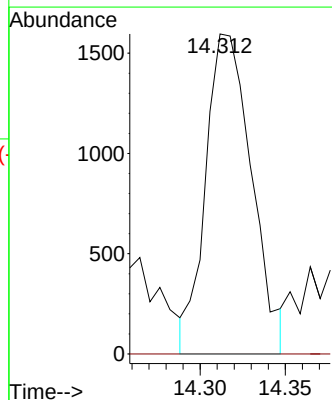
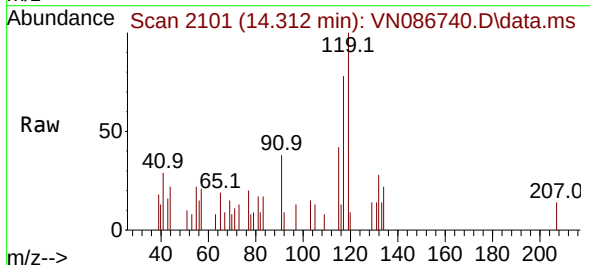
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

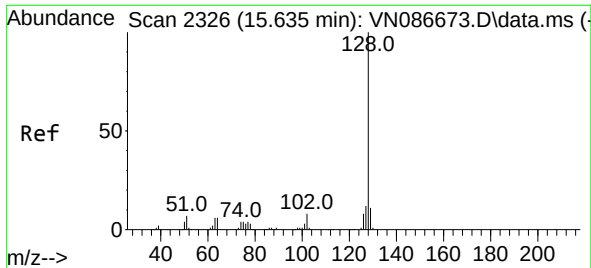
Tgt Ion: 91 Resp: 35671
Ion Ratio Lower Upper
91 100
92 8.9 27.4 82.0#
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 1.342 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.018 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

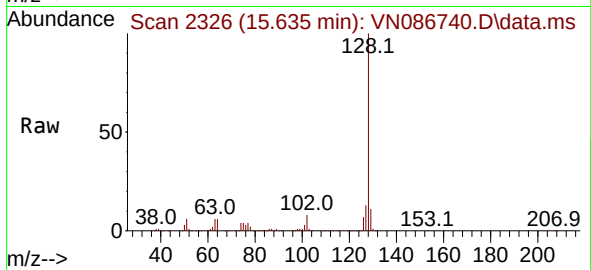
Tgt Ion: 117 Resp: 2996
Ion Ratio Lower Upper
117 100
201 0.0 32.0 96.0#





#95
Naphthalene
Concen: 162.221 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086740.D
Acq: 21 May 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM



Tgt Ion:128 Resp: 1726158
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 13.0

