

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071662.D
 Acq On : 30 Mar 2022 16:32
 Operator : JC\MD
 Sample : N2130-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Mar 31 01:34:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	618132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1041011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1018222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	382452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	353170	50.047	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.100%			
35) Dibromofluoromethane	8.022	113	295396	48.222	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.440%			
50) Toluene-d8	10.439	98	1273810	50.832	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.660%			
62) 4-Bromofluorobenzene	12.727	95	432202	53.329	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.660%			
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2605	0.418	ug/l #	83
5) Bromomethane	2.881	94	1915	0.431	ug/l	88
6) Chloroethane	2.863	64	896	0.182	ug/l #	42
10) Methyl Iodide	4.416	142	131	0.017	ug/l #	44
11) Tert butyl alcohol	5.357	59	60	0.052	ug/l #	72
13) Acrolein	4.046	56	57	0.041	ug/l #	1
14) Allyl chloride	4.846	41	63	0.008	ug/l #	24
16) Acetone	4.299	43	6974	2.313	ug/l	97
17) Carbon Disulfide	4.522	76	872	0.074	ug/l #	75
18) Methyl Acetate	4.857	43	3939	Below Cal	#	74
20) Methylene Chloride	5.098	84	1893	0.298	ug/l #	84
25) 2-Butanone	7.322	43	78	0.018	ug/l #	45
29) Tetrahydrofuran	7.698	42	318	0.113	ug/l #	63
30) Chloroform	7.822	83	54	0.005	ug/l #	18
31) Cyclohexane	8.086	56	10931	1.139	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42212	4.935	ug/l #	49
37) Ethyl Acetate	7.357	43	232	0.025	ug/l #	67
38) Carbon Tetrachloride	8.081	117	56375	6.724	ug/l #	16
40) Benzene	8.451	78	161	0.006	ug/l #	51
41) Methacrylonitrile	7.681	41	55	0.012	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	925	0.099	ug/l #	74
43) Isopropyl Acetate	8.663	43	17836	1.145	ug/l #	53
51) 4-Methyl-2-Pentanone	10.333	43	406	0.045	ug/l #	33
52) Toluene	10.498	92	159	0.009	ug/l #	32
53) t-1,3-Dichloropropene	10.439	75	86	0.009	ug/l #	1
54) cis-1,3-Dichloropropene	10.439	75	86	0.008	ug/l #	1
59) 2-Hexanone	11.086	43	1102	0.175	ug/l	65
65) Chlorobenzene	11.757	112	287	0.014	ug/l #	43
67) Ethyl Benzene	11.839	91	549	0.016	ug/l #	44
68) m/p-Xylenes	11.963	106	55	0.004	ug/l #	1
70) Styrene	12.292	104	188	0.009	ug/l #	26
73) Isopropylbenzene	12.574	105	143	0.004	ug/l #	48
74) N-amyl acetate	12.386	43	442	0.048	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.721	83	66	0.006	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	215929	24.372	ug/l #	1
77) Bromobenzene	12.851	156	66	0.008	ug/l #	9

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

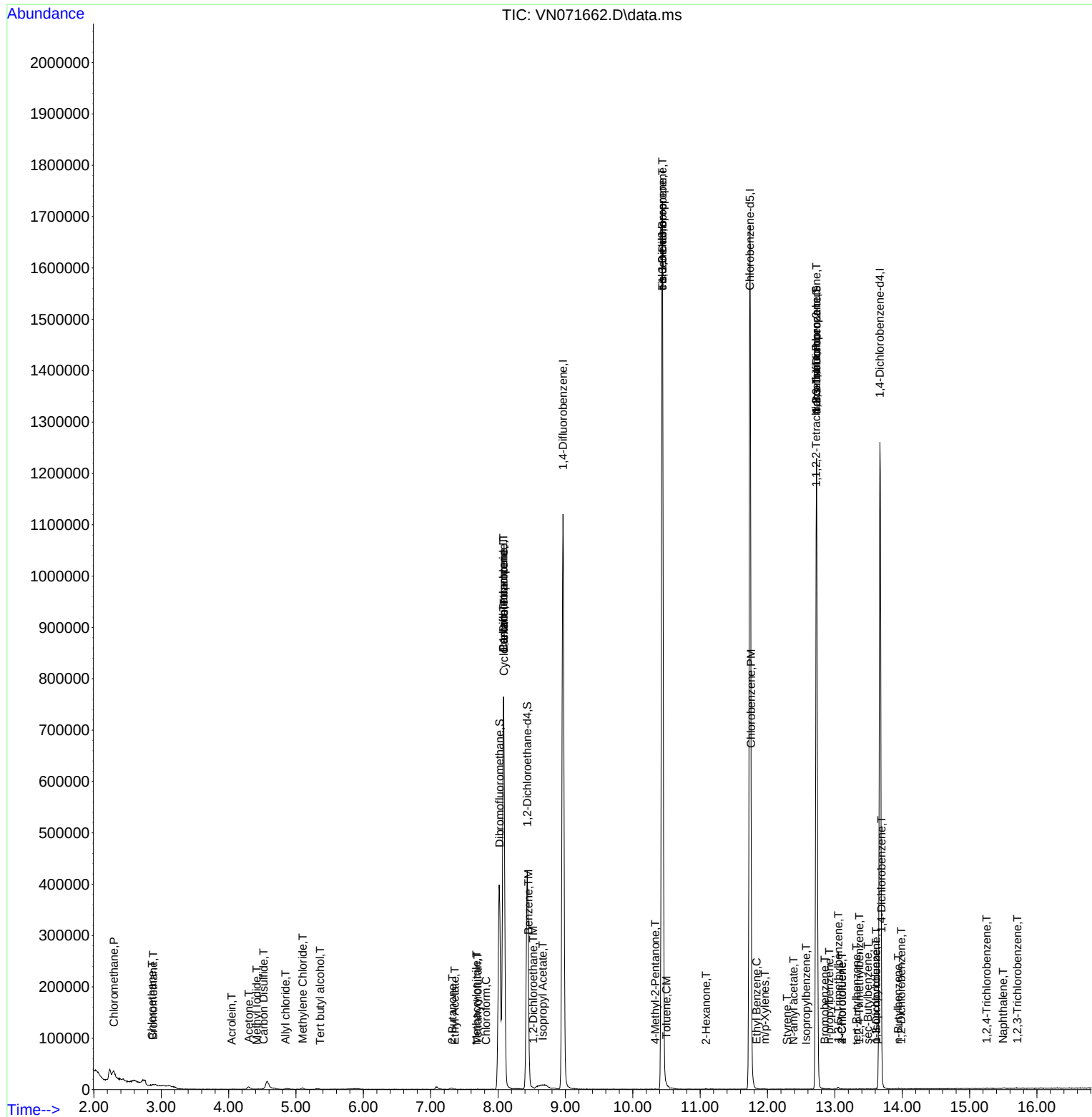
78) n-propylbenzene	12.916	91	1014	0.030	ug/l #	63
79) 2-Chlorotoluene	13.104	91	490	0.023	ug/l	91
80) 1,3,5-Trimethylbenzene	13.051	105	76	0.003	ug/l #	50
81) trans-1,4-Dichloro-2-b...	12.727	75	215929	75.527	ug/l #	10
82) 4-Chlorotoluene	13.104	91	490	0.024	ug/l	91
83) tert-Butylbenzene	13.321	119	163	0.007	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.363	105	487	0.020	ug/l #	49
85) sec-Butylbenzene	13.492	105	531	0.018	ug/l #	56
86) p-Isopropyltoluene	13.610	119	436	0.018	ug/l #	51
87) 1,3-Dichlorobenzene	13.616	146	465	0.036	ug/l #	59
88) 1,4-Dichlorobenzene	13.692	146	820	0.065	ug/l #	1
89) n-Butylbenzene	13.939	91	911	0.051	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	472	0.037	ug/l #	64
93) 1,2,4-Trichlorobenzene	15.251	180	513	2.167	ug/l #	81
95) Naphthalene	15.498	128	1645	3.890	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.710	180	380	2.475	ug/l #	82

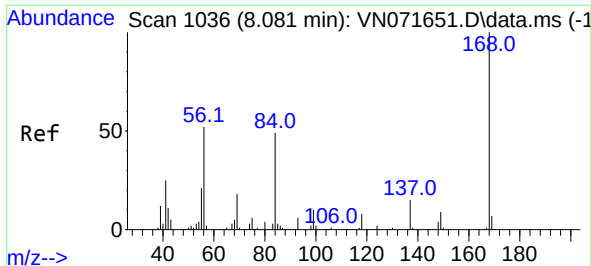
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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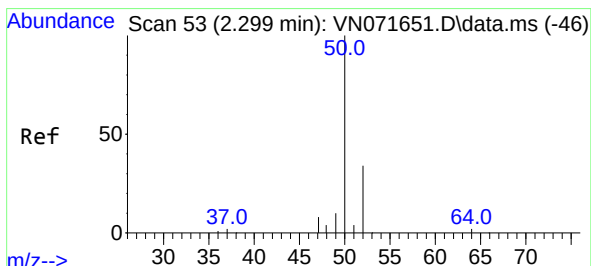
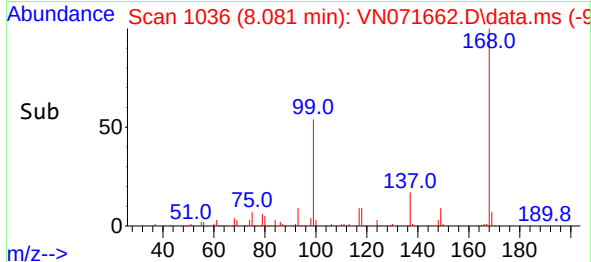
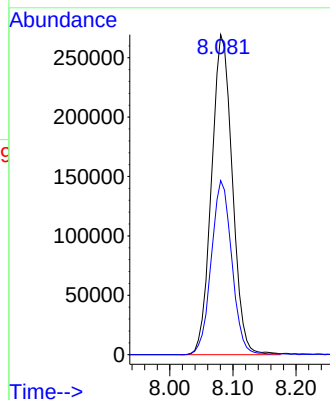
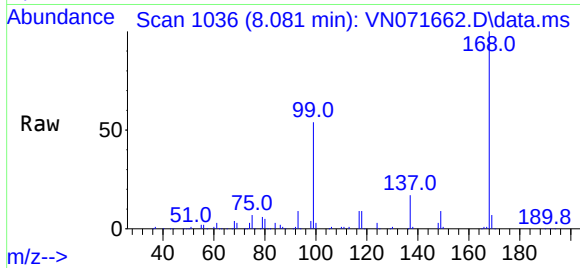




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
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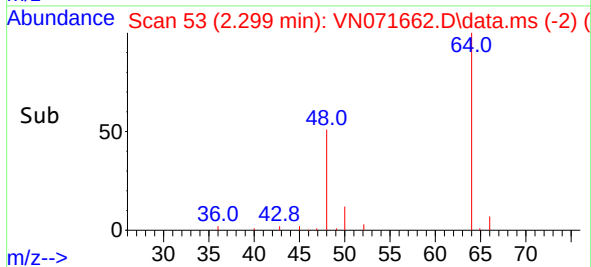
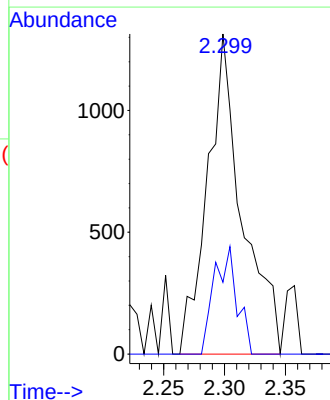
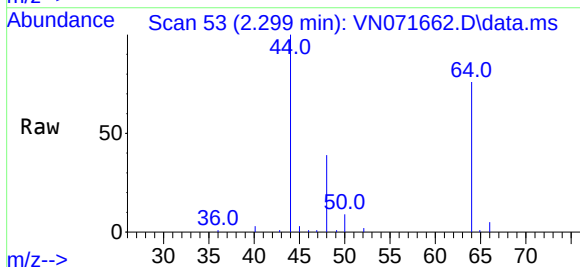
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

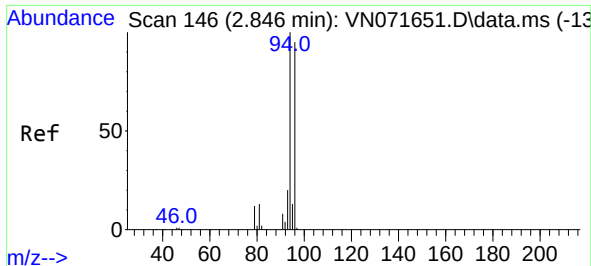
Tgt Ion:168 Resp: 618132
Ion Ratio Lower Upper
168 100
99 54.4 42.3 63.5



#3
Chloromethane
Concen: 0.418 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 50 Resp: 2605
Ion Ratio Lower Upper
50 100
52 22.5 25.7 38.5#

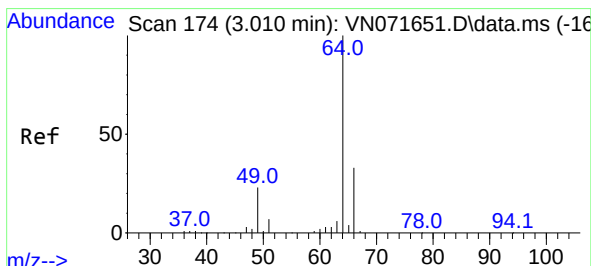
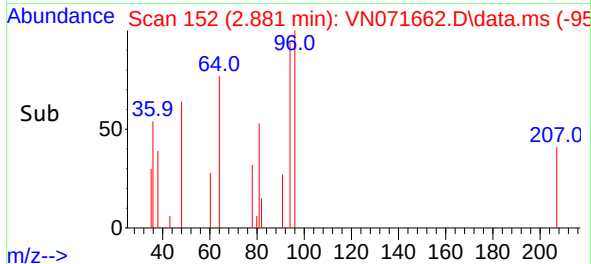
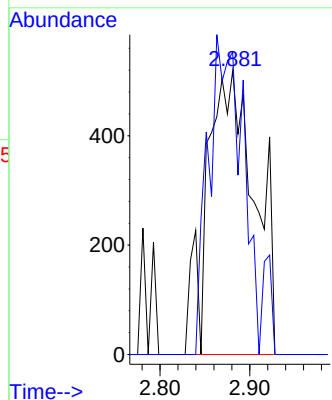
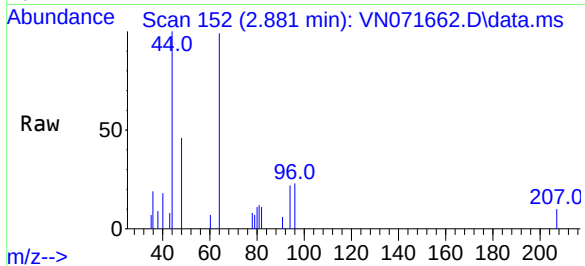




#5
Bromomethane
Concen: 0.431 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

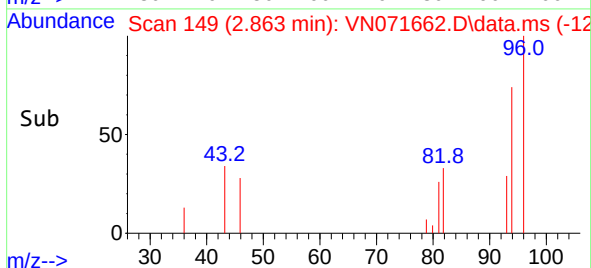
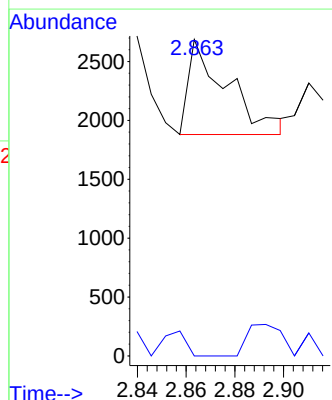
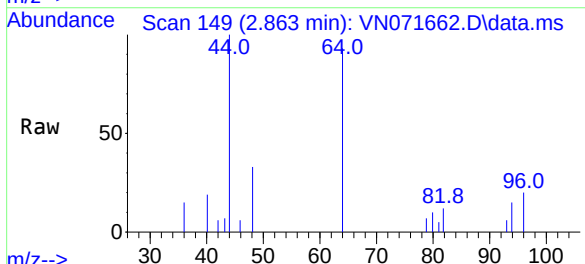
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

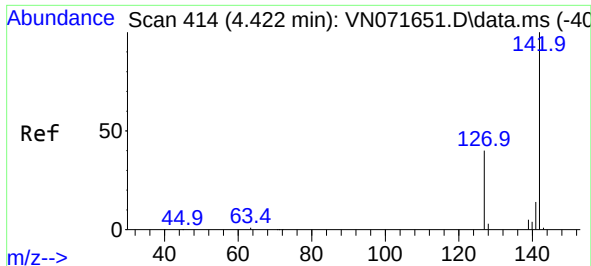
Tgt Ion: 94 Resp: 1915
Ion Ratio Lower Upper
94 100
96 106.6 76.0 114.0



#6
Chloroethane
Concen: 0.182 ug/l
RT: 2.863 min Scan# 149
Delta R.T. -0.147 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 64 Resp: 896
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

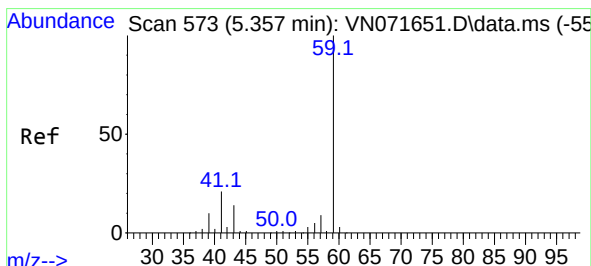
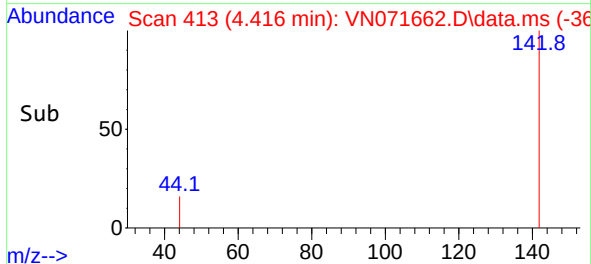
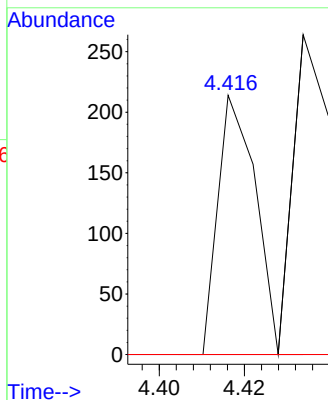
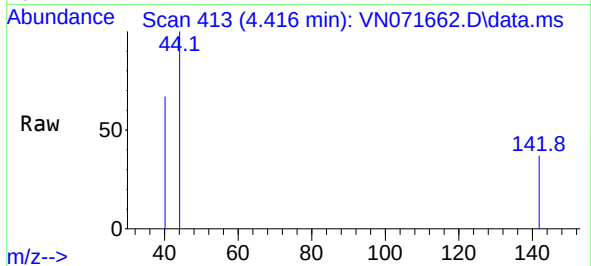




#10
Methyl Iodide
Concen: 0.017 ug/l
RT: 4.416 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

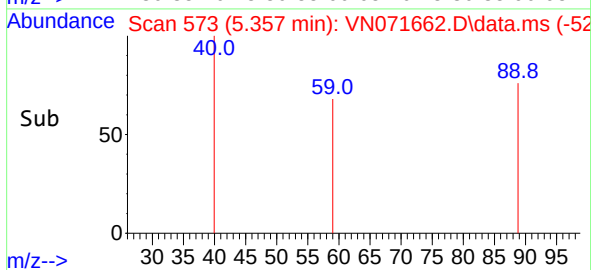
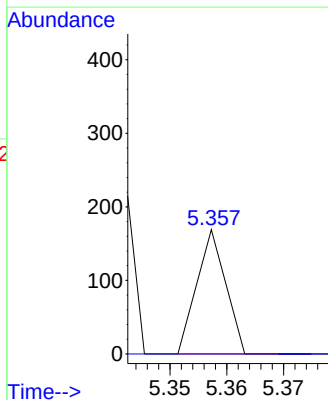
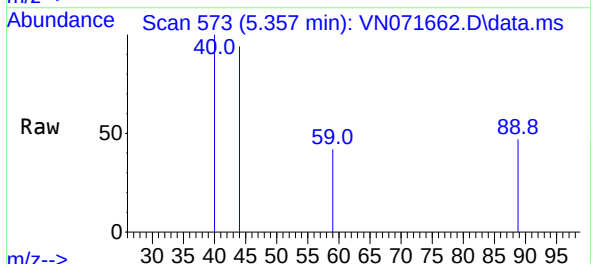
Instrument :
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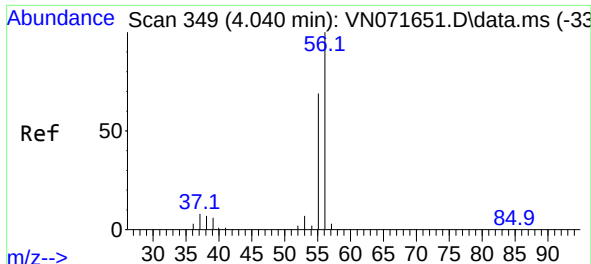
Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.052 ug/l
RT: 5.357 min Scan# 573
Delta R.T. 0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

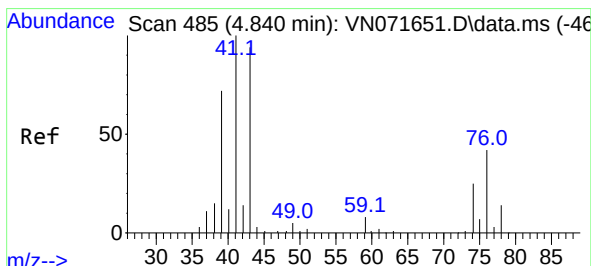
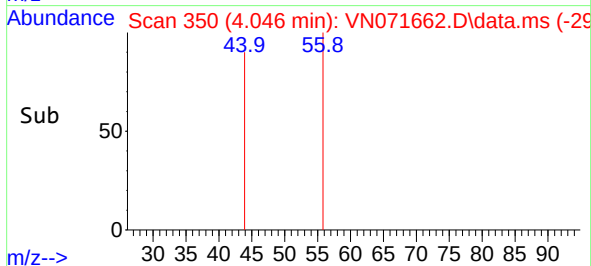
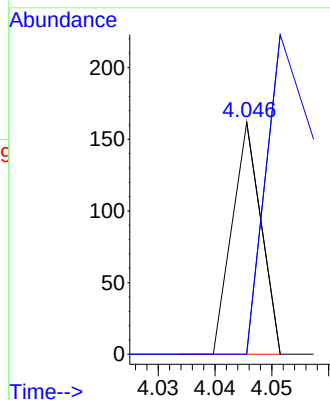
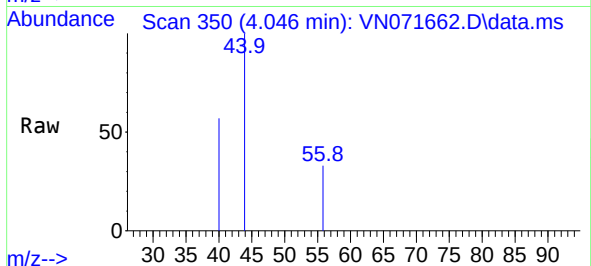




#13
Acrolein
Concen: 0.041 ug/l
RT: 4.046 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

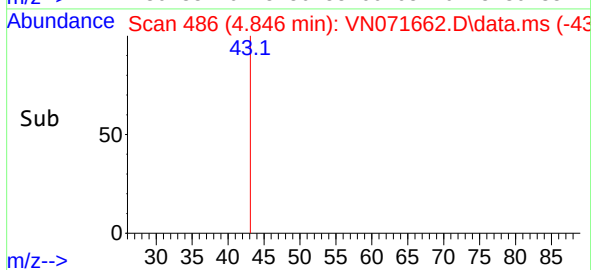
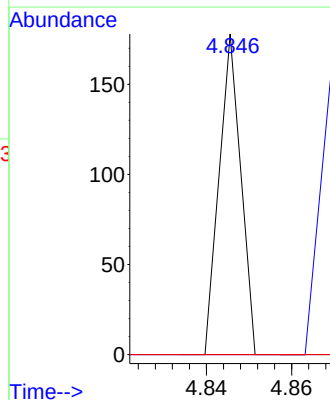
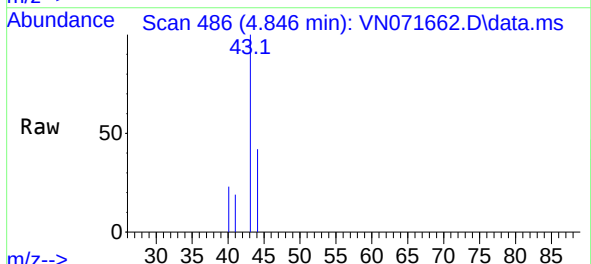
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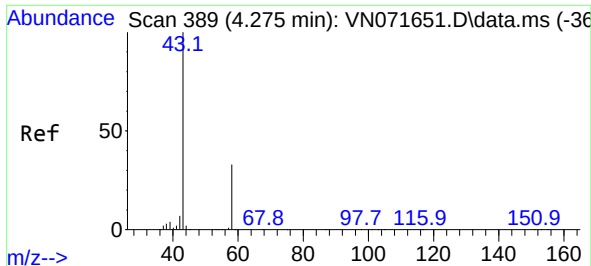
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 331.6 54.8 82.2#



#14
Allyl chloride
Concen: 0.008 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

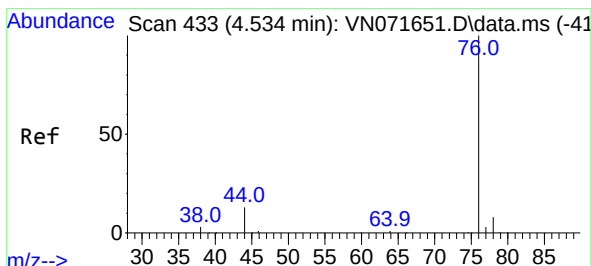
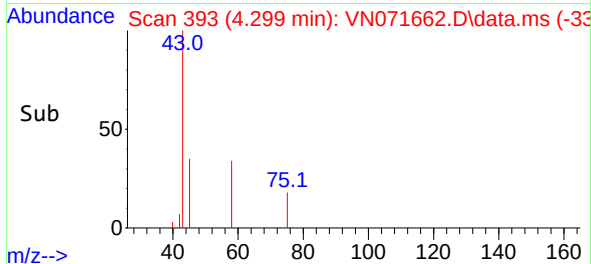
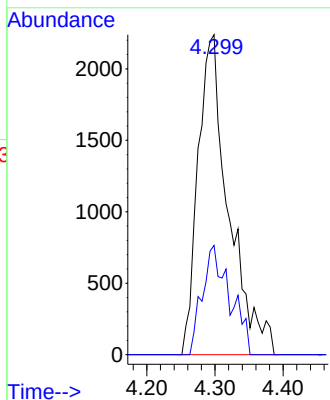
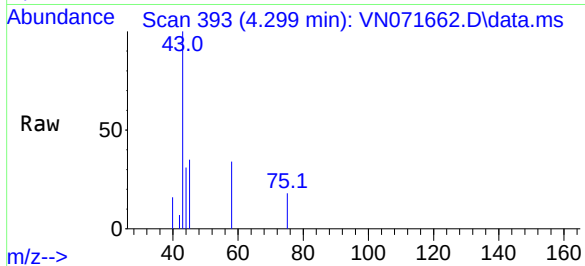




#16
Acetone
Concen: 2.313 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

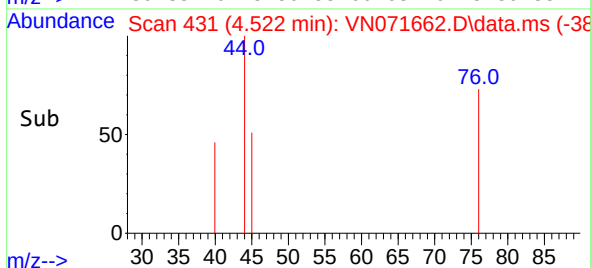
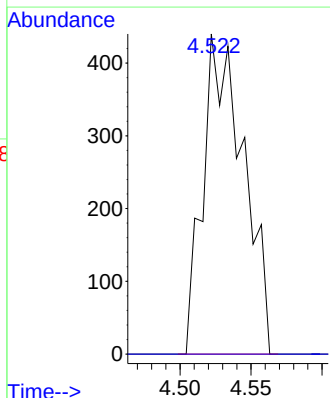
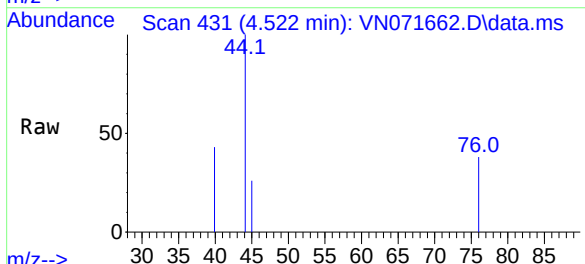
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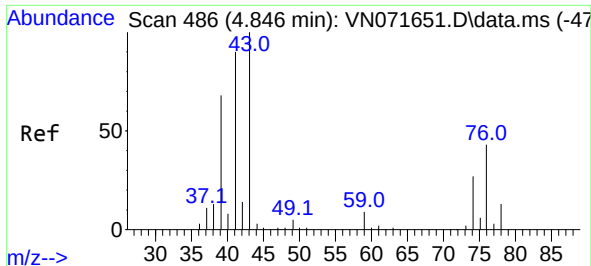
Tgt Ion: 43 Resp: 6974
Ion Ratio Lower Upper
43 100
58 34.2 26.0 39.0



#17
Carbon Disulfide
Concen: 0.074 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 76 Resp: 872
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

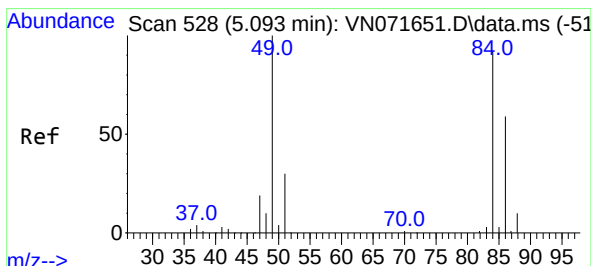
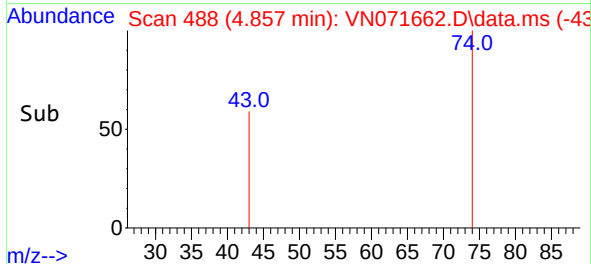
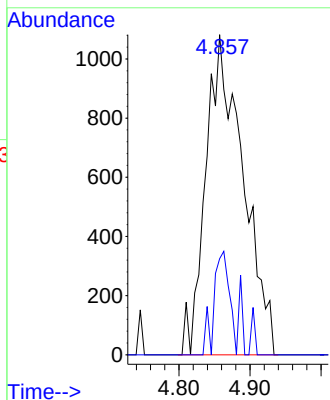
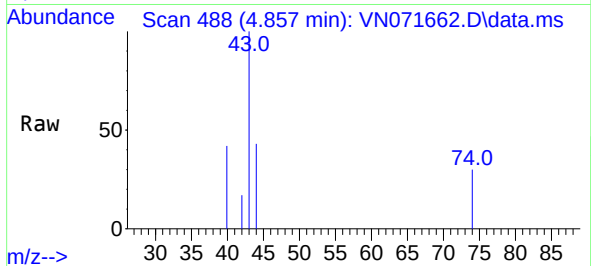




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071662.D
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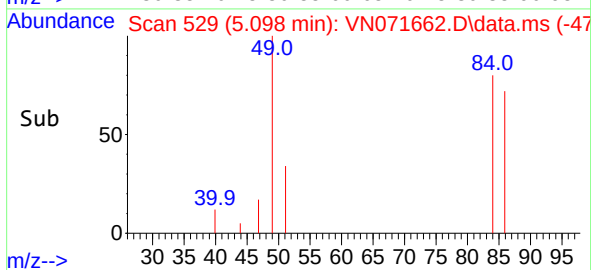
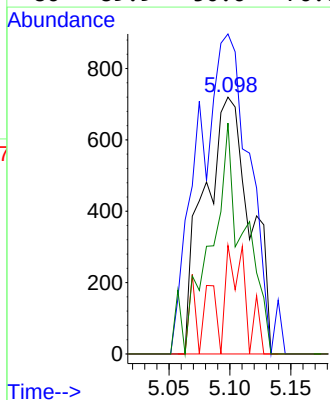
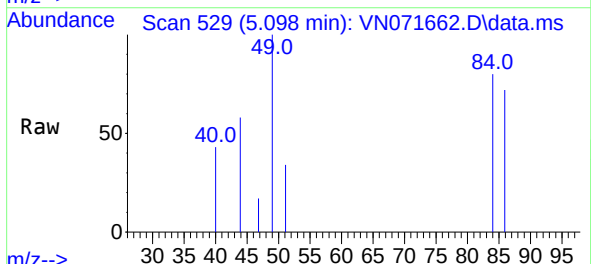
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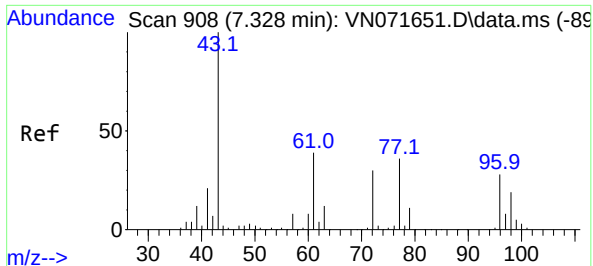
Tgt Ion: 43 Resp: 3939
Ion Ratio Lower Upper
43 100
74 13.4 21.6 32.4#



#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 84 Resp: 1893
Ion Ratio Lower Upper
84 100
49 103.6 88.3 132.5
51 42.2 28.2 42.2
86 89.9 50.6 76.0#





#25

2-Butanone

Concen: 0.018 ug/l

RT: 7.322 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071662.D

Acq: 30 Mar 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

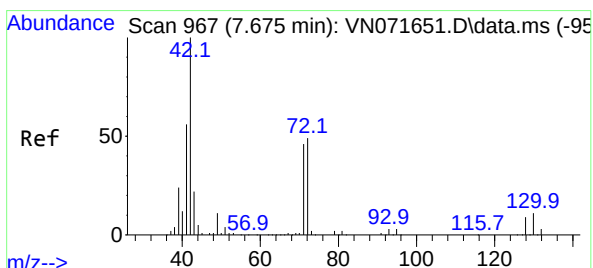
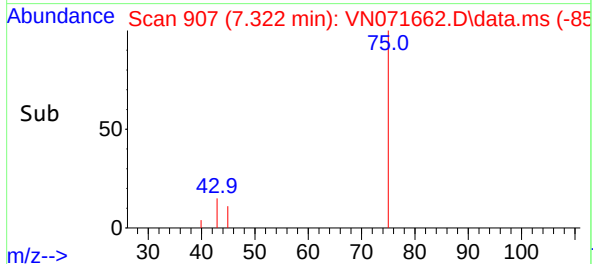
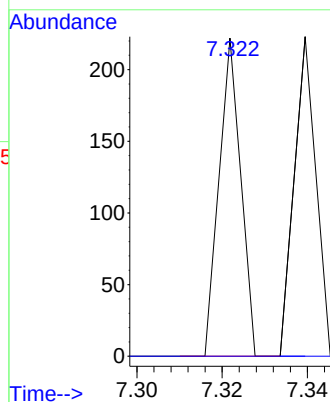
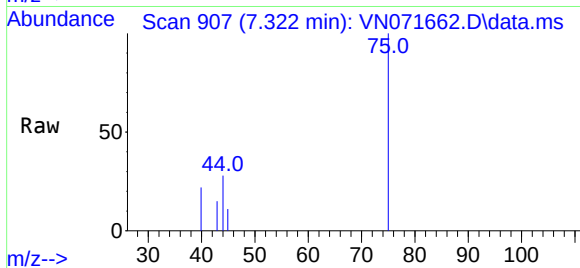
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.113 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.023 min

Lab File: VN071662.D

Acq: 30 Mar 2022 16:32

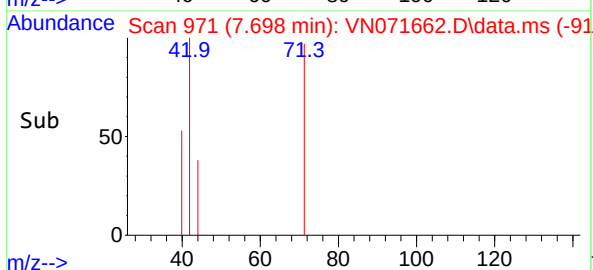
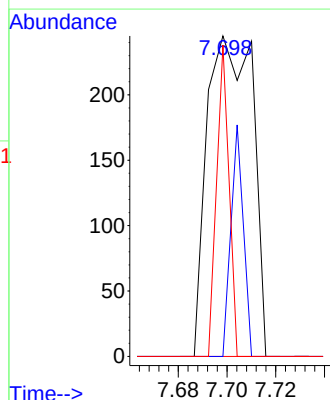
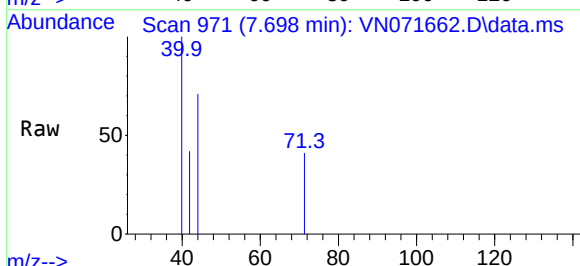
Tgt Ion: 42 Resp: 318

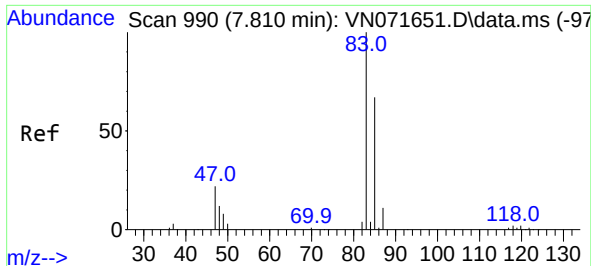
Ion Ratio Lower Upper

42 100

72 19.5 39.7 59.5#

71 26.4 36.6 55.0#

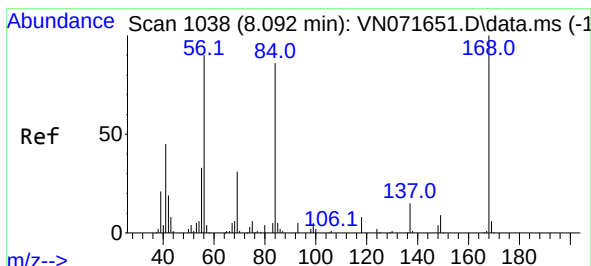
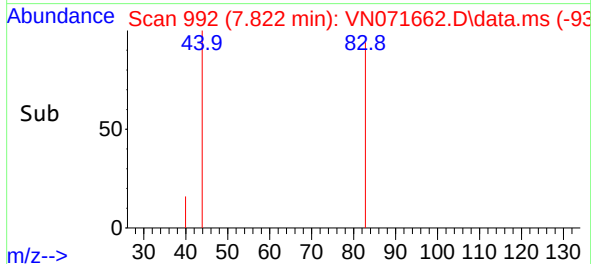
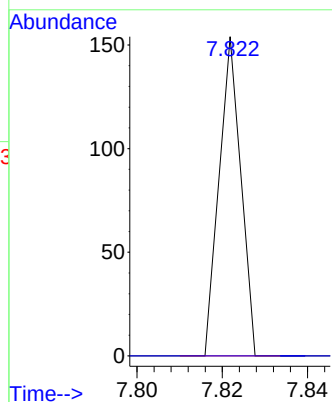
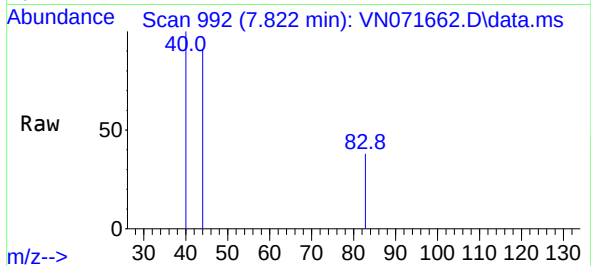




#30
Chloroform
Concen: 0.005 ug/l
RT: 7.822 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

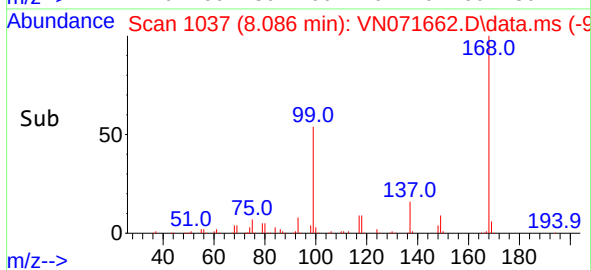
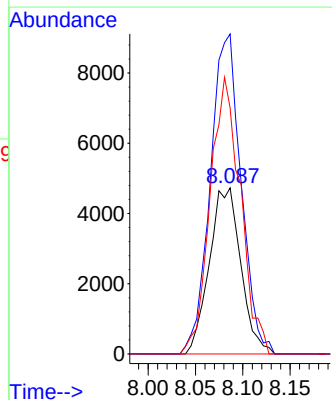
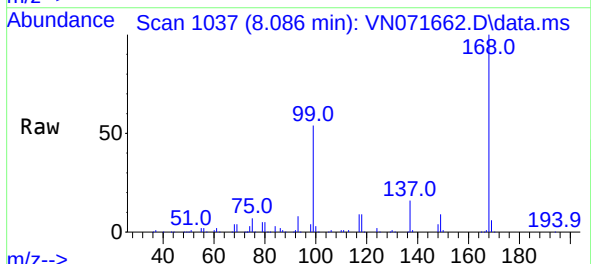
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

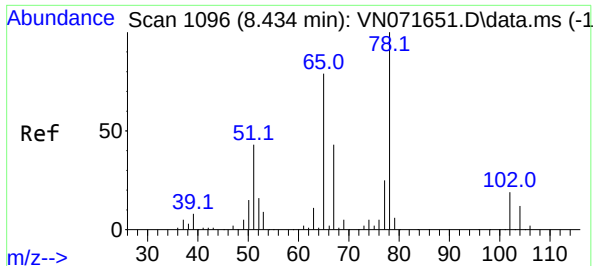
Tgt Ion: 83 Resp: 54
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 56 Resp: 10931
Ion Ratio Lower Upper
56 100
69 192.7 27.8 41.8#
84 148.2 76.9 115.3#

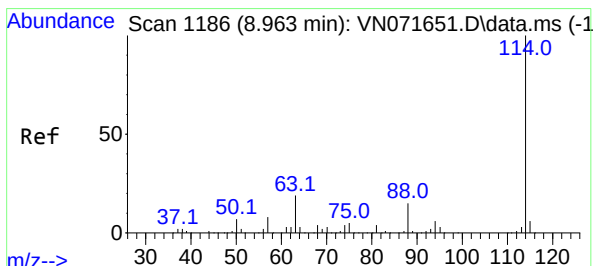
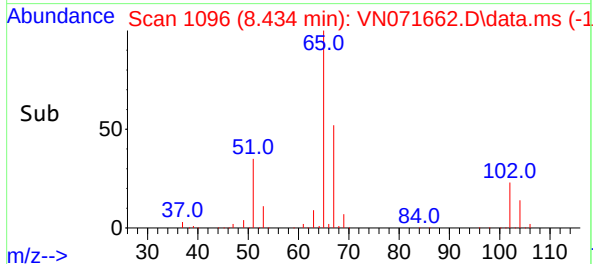
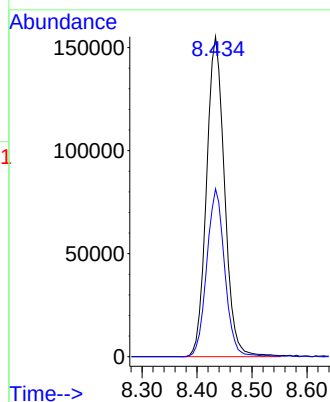
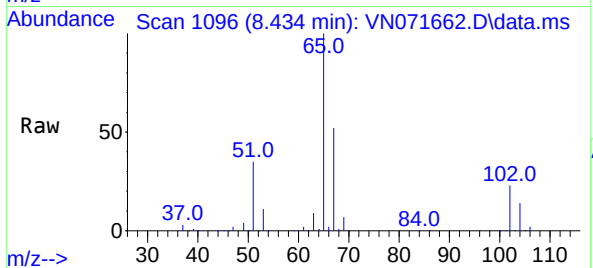




#33
1,2-Dichloroethane-d4
Concen: 50.047 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

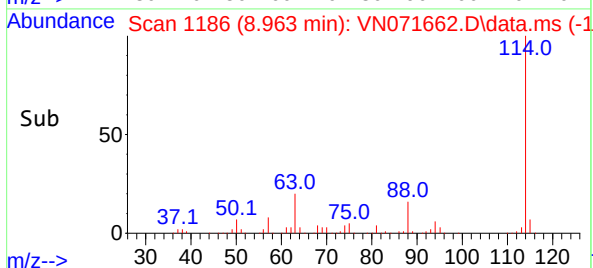
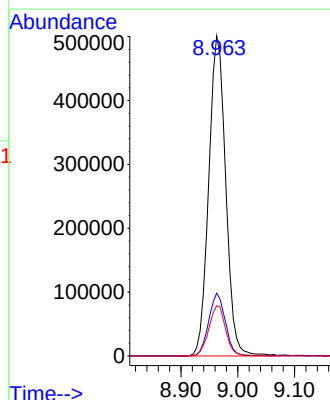
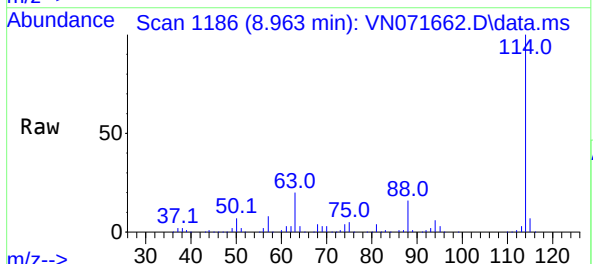
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

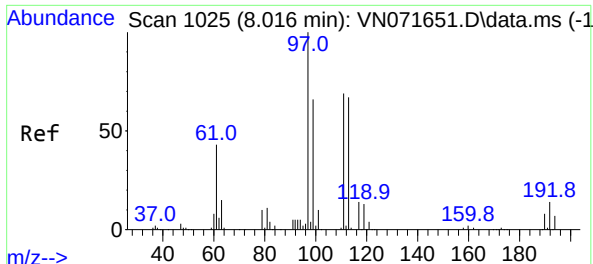
Tgt Ion: 65 Resp: 353170
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion:114 Resp: 1041011
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 15.7 0.0 32.6

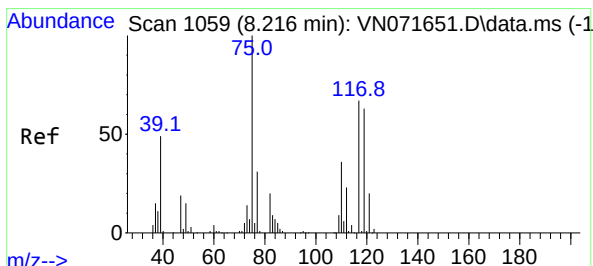
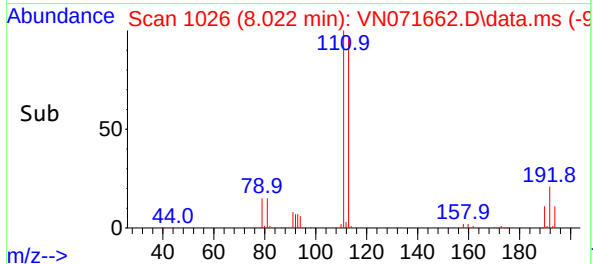
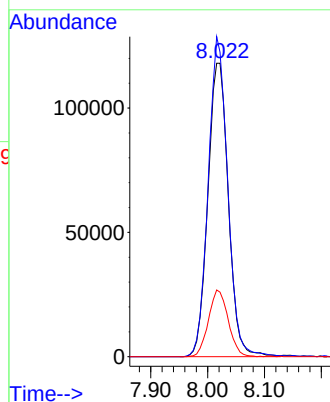
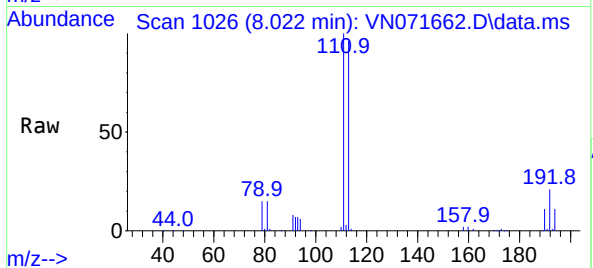




#35
Dibromofluoromethane
Concen: 48.222 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

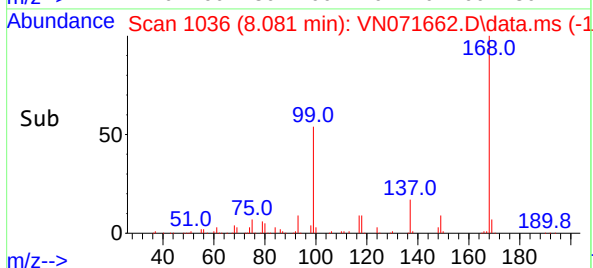
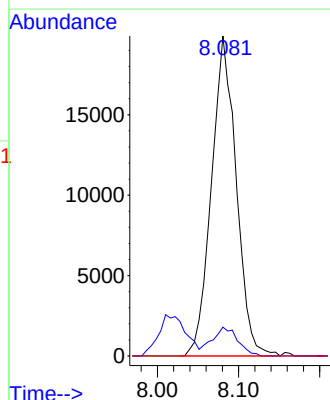
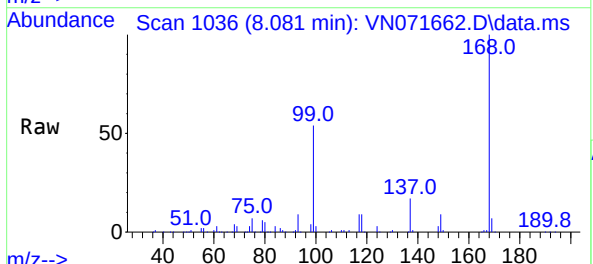
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

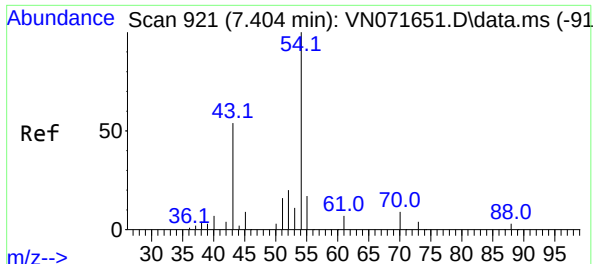
Tgt Ion:113 Resp: 295396
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 21.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 75 Resp: 42212
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.025 ug/l

RT: 7.357 min Scan# 91

Delta R.T. -0.047 min

Lab File: VN071662.D

Acq: 30 Mar 2022 16:32

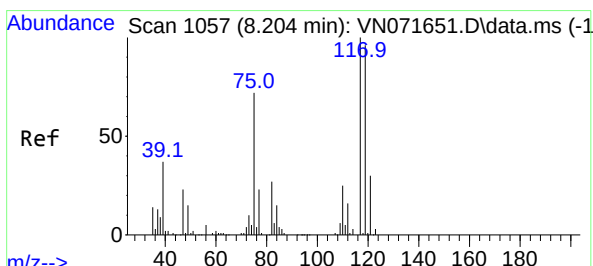
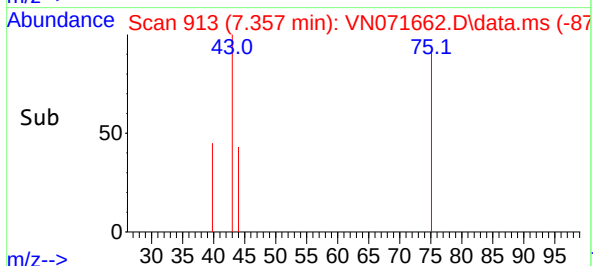
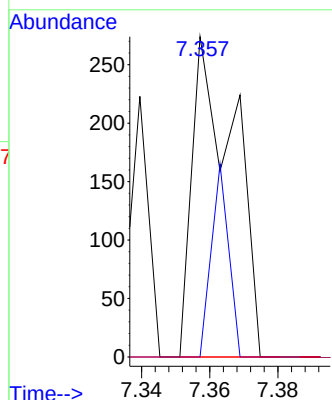
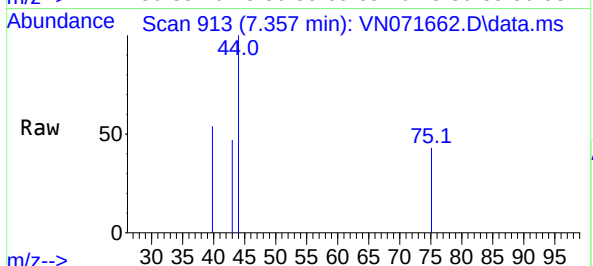
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion:	43	Resp:	232
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.3	13.9#



#38

Carbon Tetrachloride

Concen: 6.724 ug/l

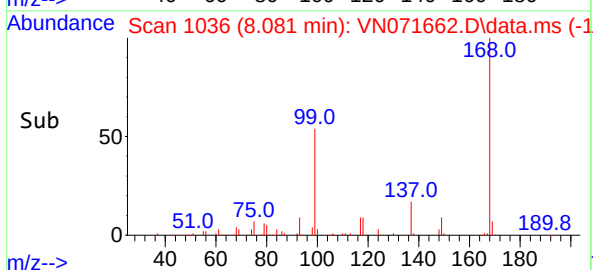
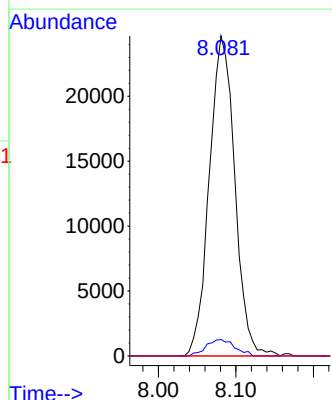
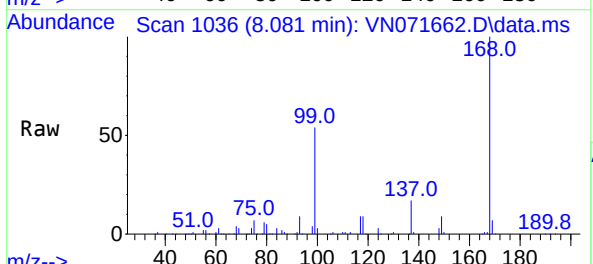
RT: 8.081 min Scan# 1036

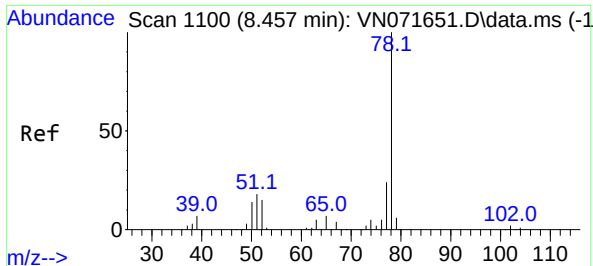
Delta R.T. -0.123 min

Lab File: VN071662.D

Acq: 30 Mar 2022 16:32

Tgt Ion:	117	Resp:	56375
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.8#
121	0.0	24.6	37.0#

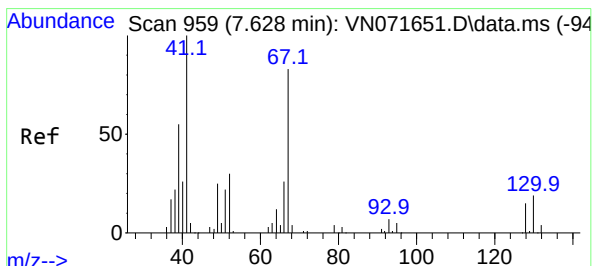
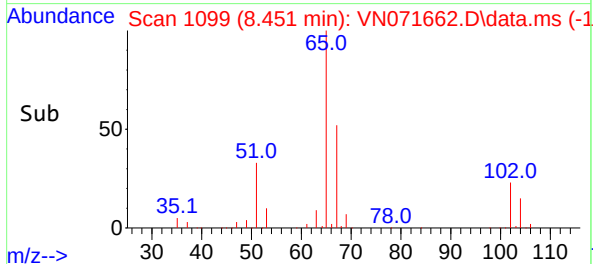
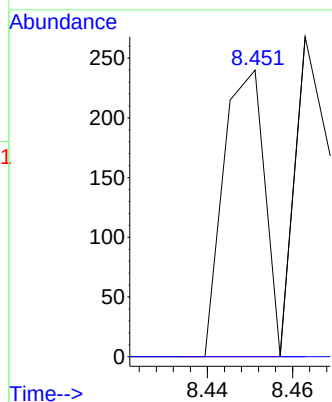
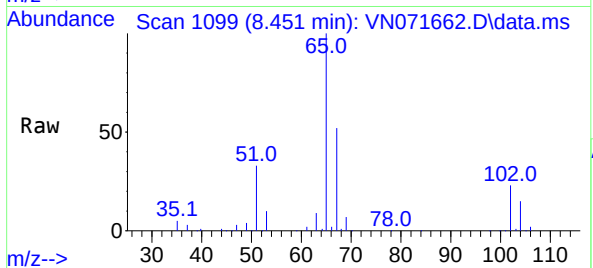




#40
Benzene
Concen: 0.006 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

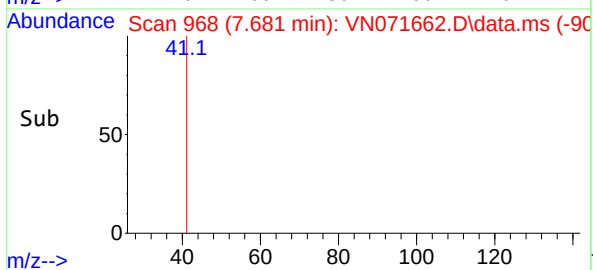
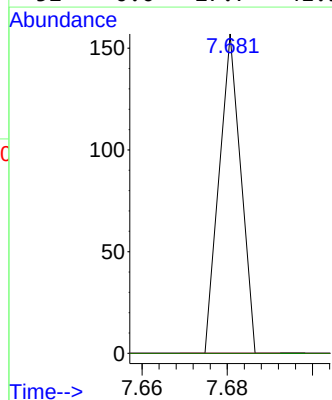
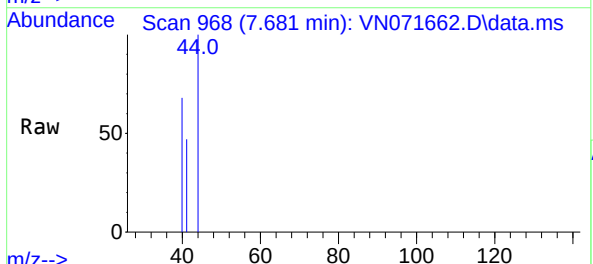
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

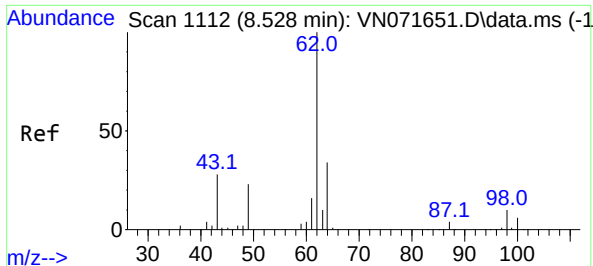
Tgt Ion: 78 Resp: 161
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.012 ug/l
RT: 7.681 min Scan# 968
Delta R.T. 0.053 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

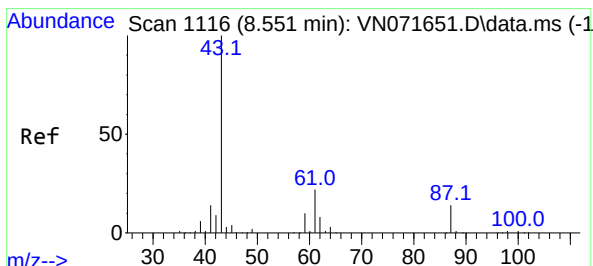
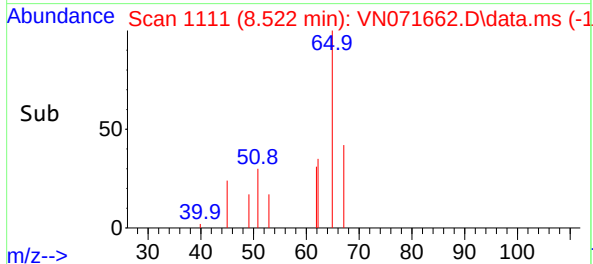
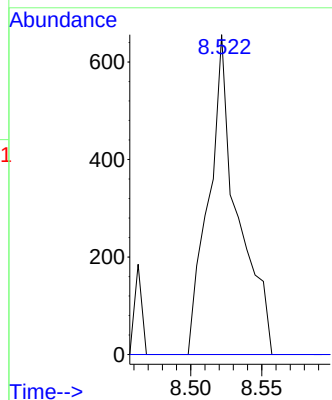
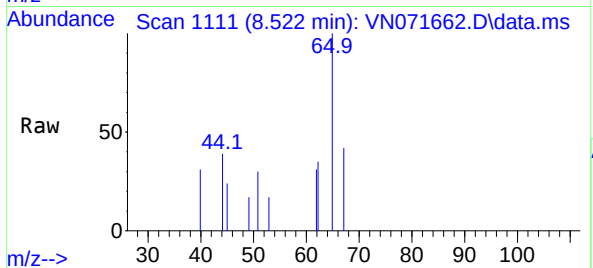




#42
1,2-Dichloroethane
Concen: 0.099 ug/l
RT: 8.522 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

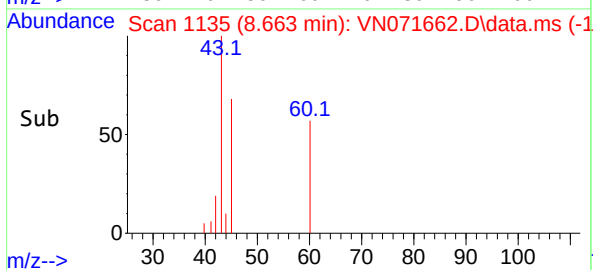
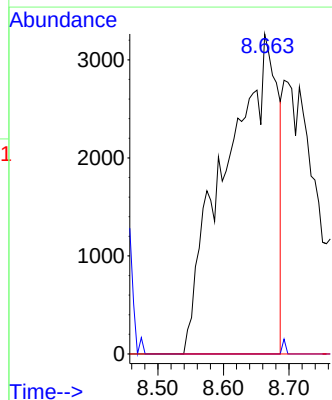
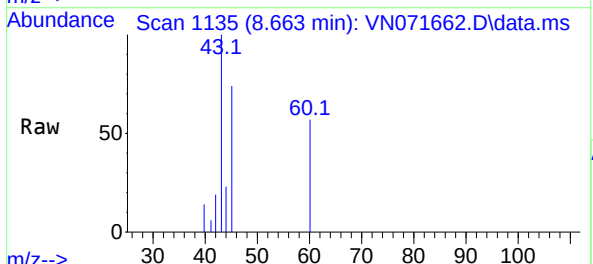
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

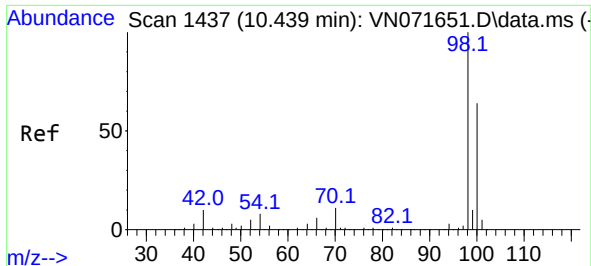
Tgt Ion: 62 Resp: 925
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 1.145 ug/l
RT: 8.663 min Scan# 1135
Delta R.T. 0.112 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 43 Resp: 17836
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

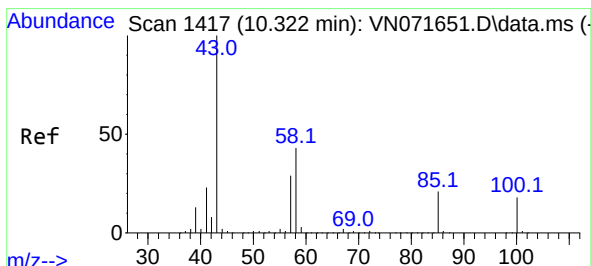
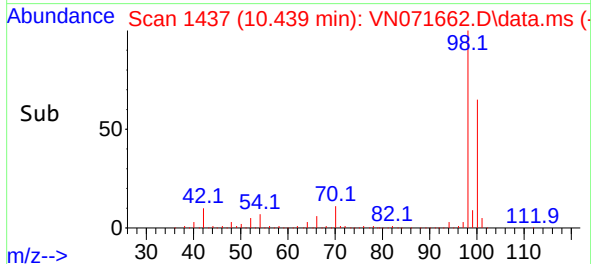
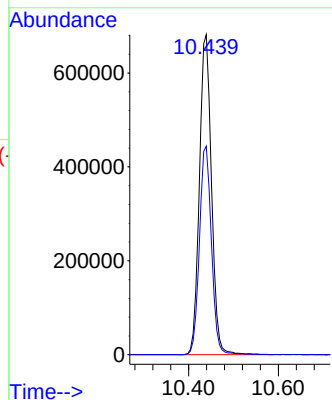
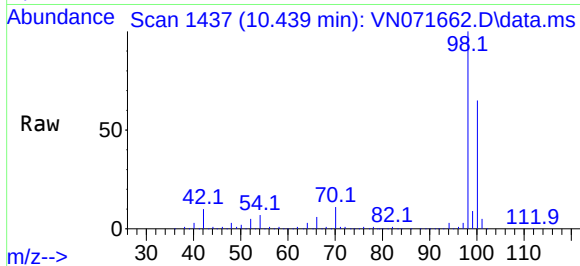




#50
Toluene-d8
Concen: 50.832 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

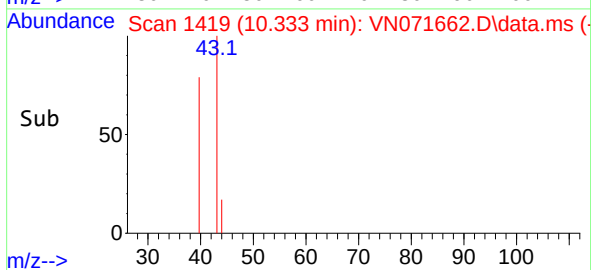
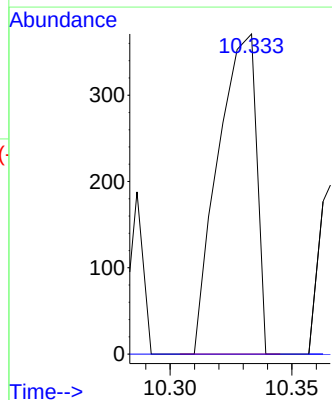
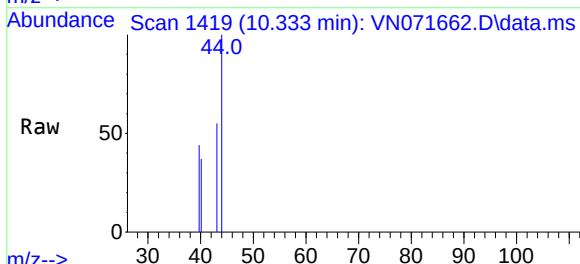
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

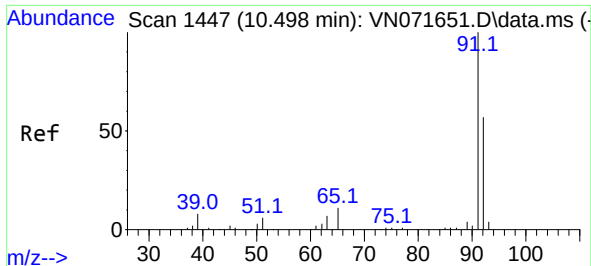
Tgt Ion: 98 Resp: 1273810
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.045 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.011 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#

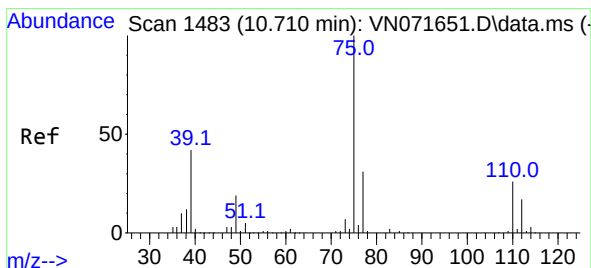
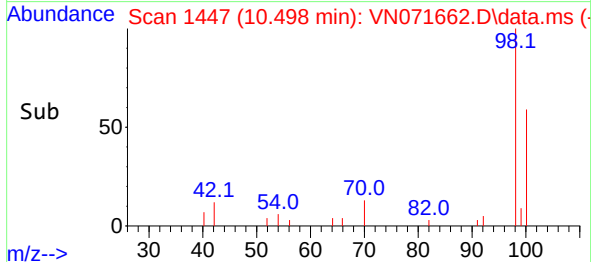
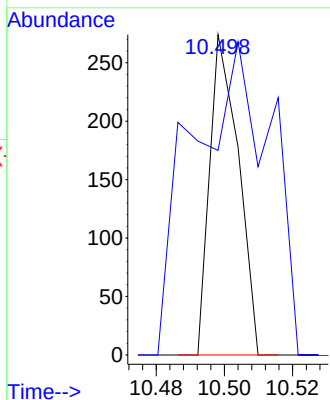
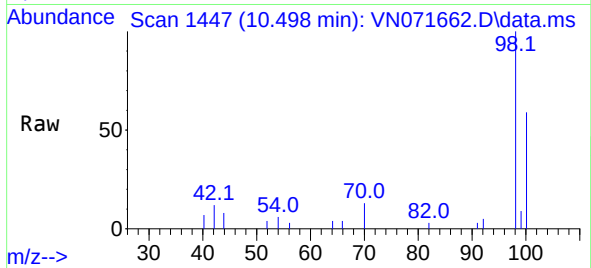




#52
Toluene
Concen: 0.009 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

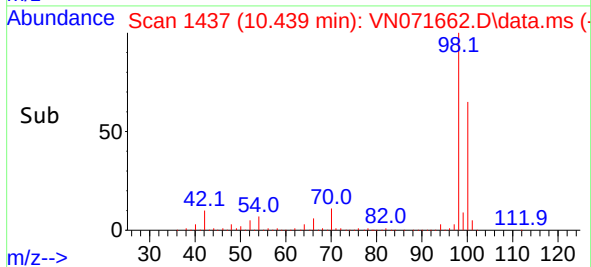
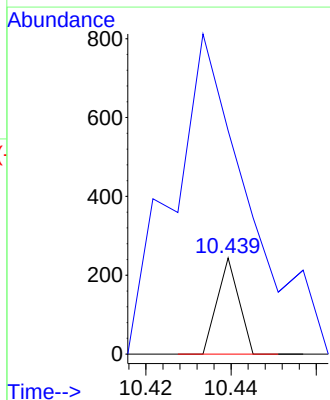
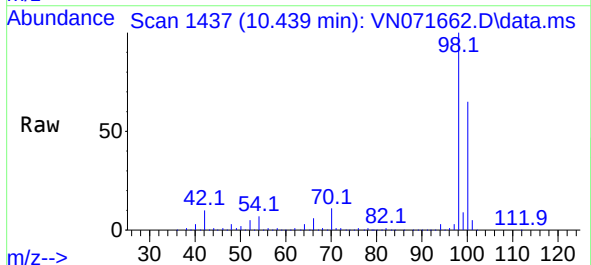
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

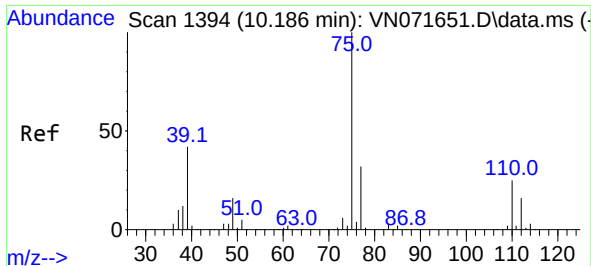
Tgt Ion: 92 Resp: 159
Ion Ratio Lower Upper
92 100
91 267.9 138.6 207.8#



#53
t-1,3-Dichloropropene
Concen: 0.009 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.271 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 75 Resp: 86
Ion Ratio Lower Upper
75 100
77 168.0 25.6 38.4#

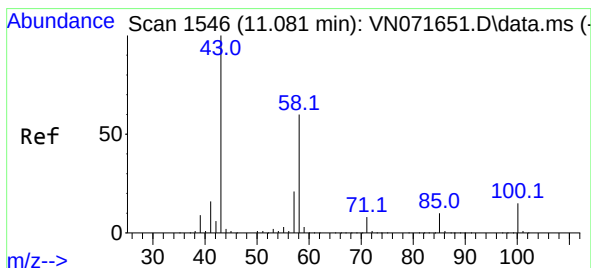
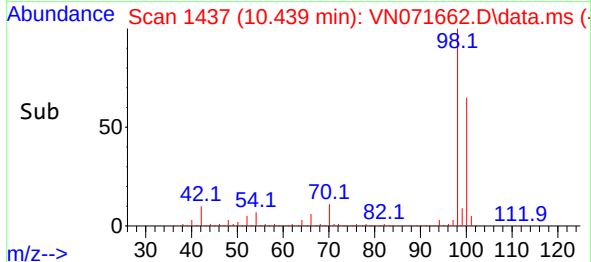
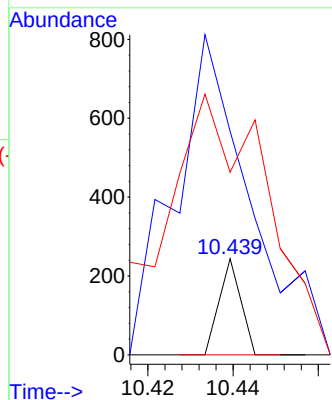
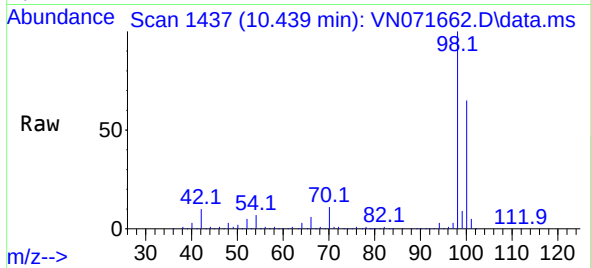




#54
 cis-1,3-Dichloropropene
 Concen: 0.008 ug/l
 RT: 10.439 min Scan# 14
 Delta R.T. 0.253 min
 Lab File: VN071662.D
 Acq: 30 Mar 2022 16:32

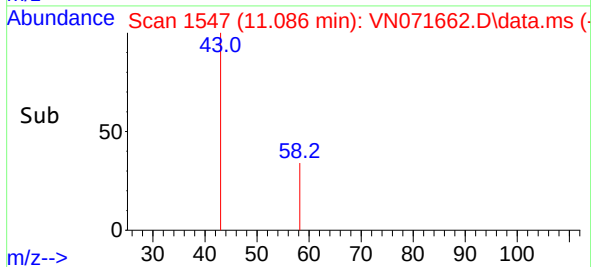
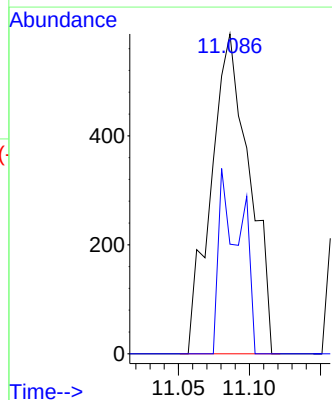
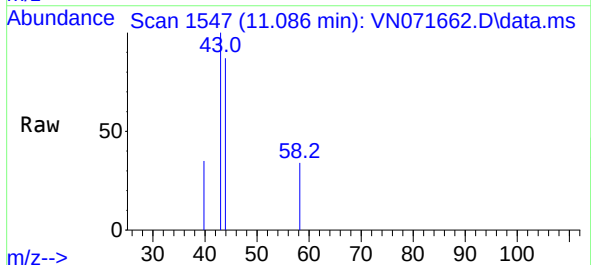
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

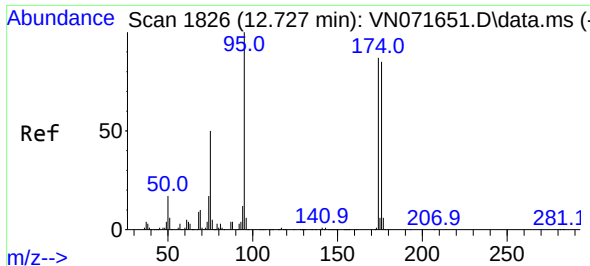
Tgt Ion:	75	Resp:	86
Ion	Ratio	Lower	Upper
75	100		
77	168.0	25.2	37.8#
39	79.1	35.7	53.5#



#59
 2-Hexanone
 Concen: 0.175 ug/l
 RT: 11.086 min Scan# 1547
 Delta R.T. 0.005 min
 Lab File: VN071662.D
 Acq: 30 Mar 2022 16:32

Tgt Ion:	43	Resp:	1102
Ion	Ratio	Lower	Upper
43	100		
58	32.9	29.7	89.1

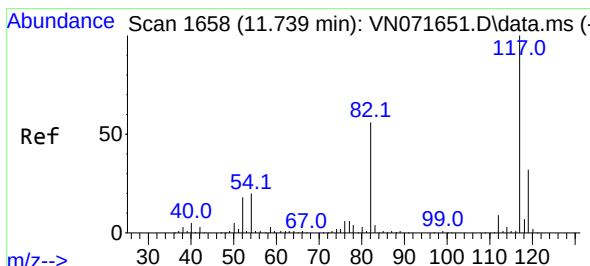
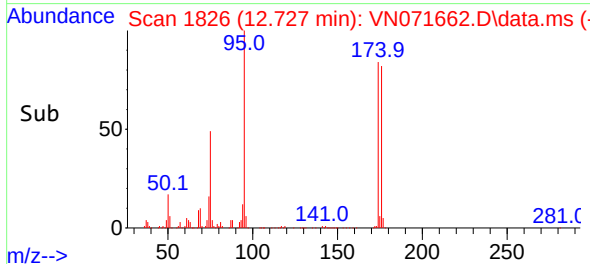
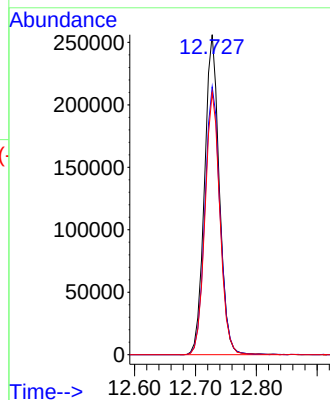
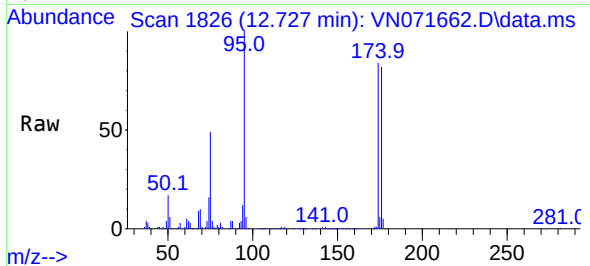




#62
4-Bromofluorobenzene
Concen: 53.329 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

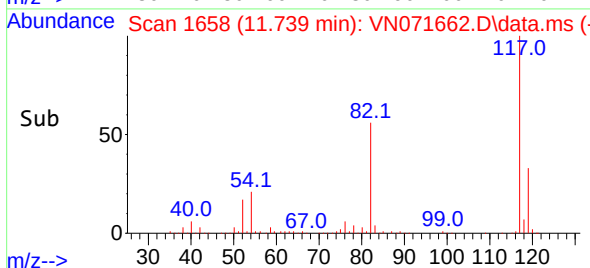
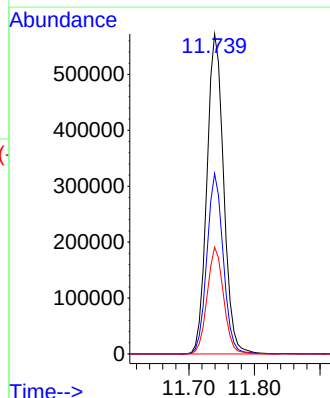
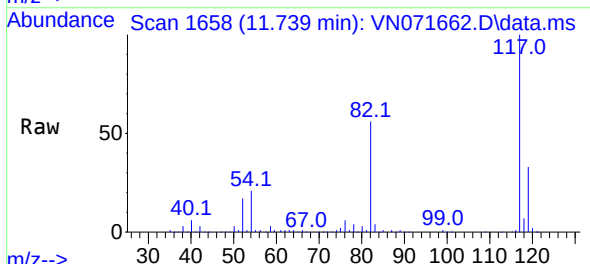
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

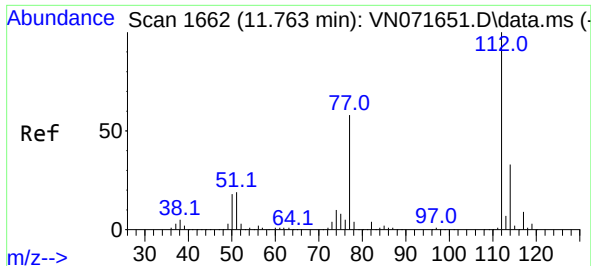
Tgt Ion: 95 Resp: 432202
Ion Ratio Lower Upper
95 100
174 85.8 0.0 167.6
176 82.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 117 Resp: 1018222
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 33.4 25.4 38.0

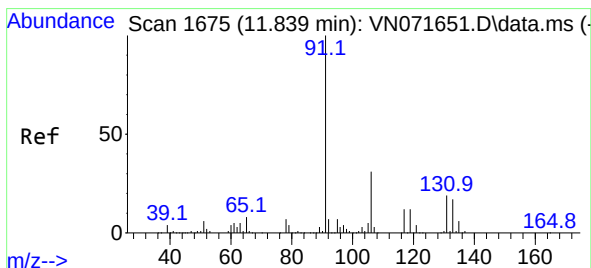
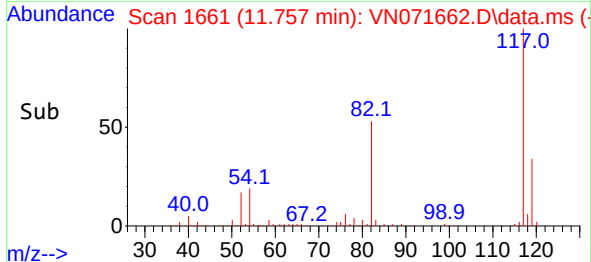
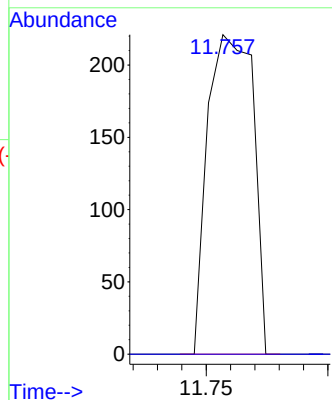
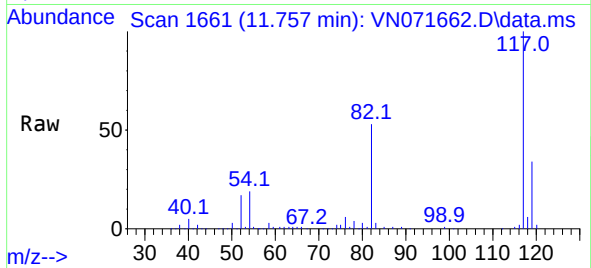




#65
Chlorobenzene
Concen: 0.014 ug/l
RT: 11.757 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

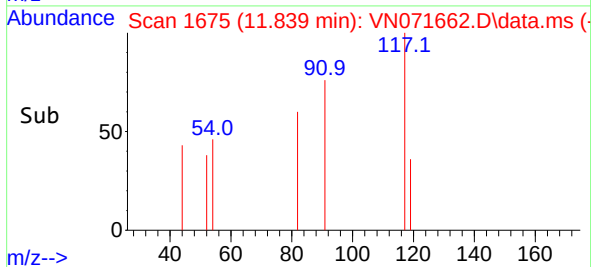
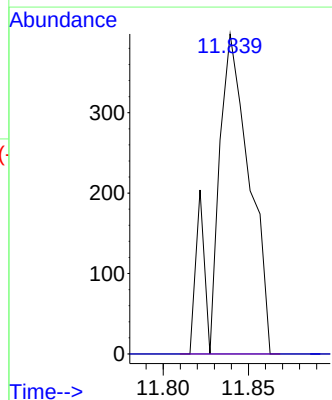
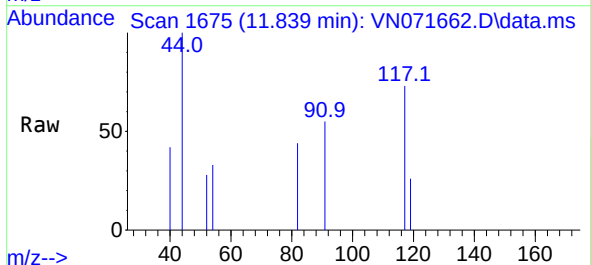
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

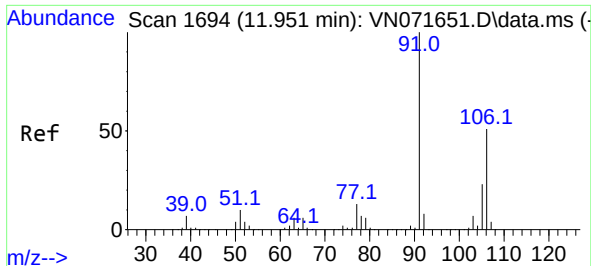
Tgt Ion:112 Resp: 287
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.016 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 91 Resp: 549
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#

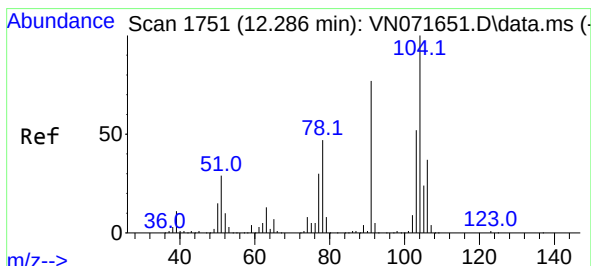
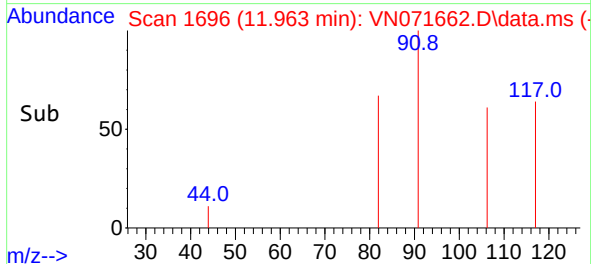
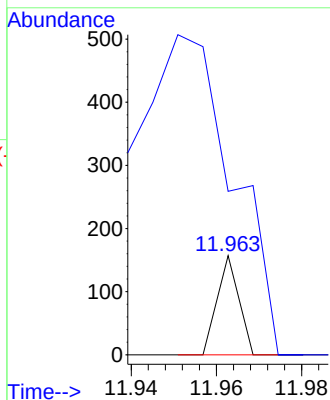
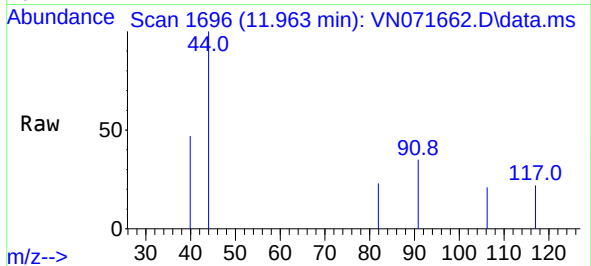




#68
m/p-Xylenes
Concen: 0.004 ug/l
RT: 11.963 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

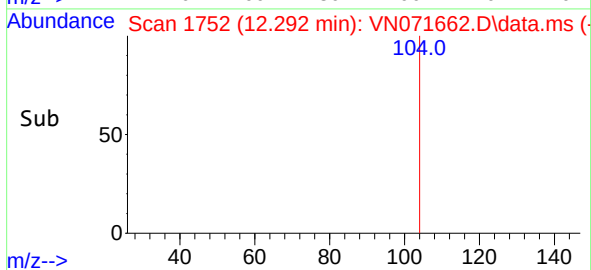
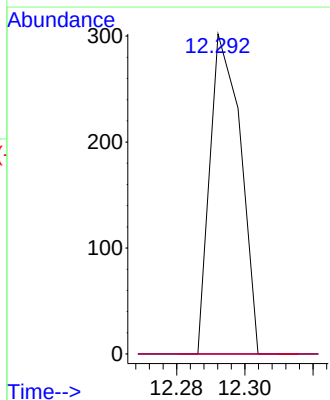
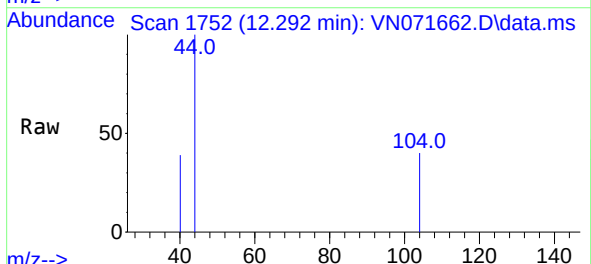
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

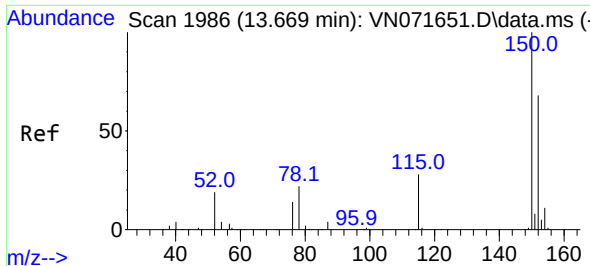
Tgt Ion:106 Resp: 55
Ion Ratio Lower Upper
106 100
91 1672.7 158.9 238.3#



#70
Styrene
Concen: 0.009 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion:104 Resp: 188
Ion Ratio Lower Upper
104 100
78 0.0 39.5 59.3#
103 0.0 44.0 66.0#

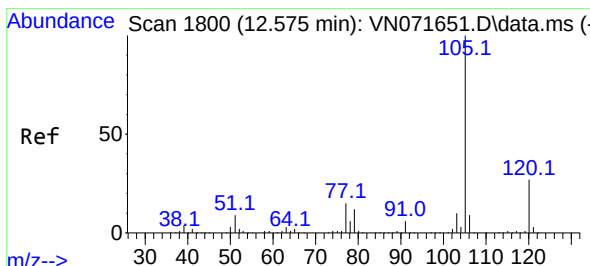
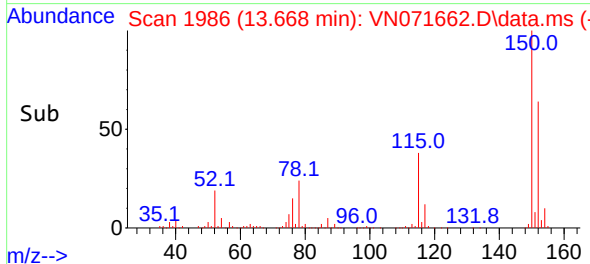
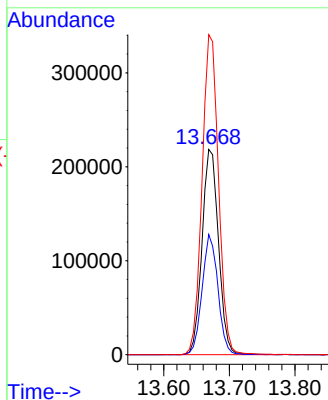
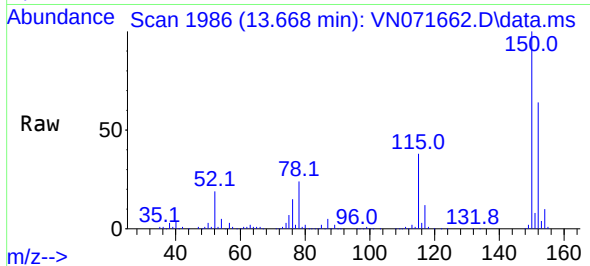




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN071662.D
 Acq: 30 Mar 2022 16:32

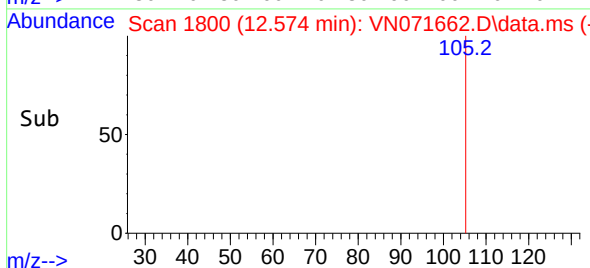
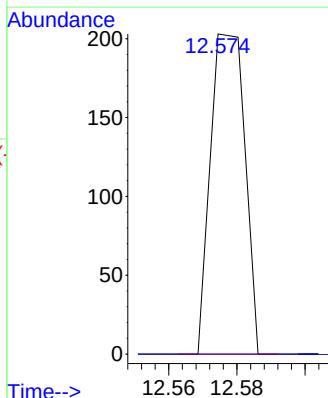
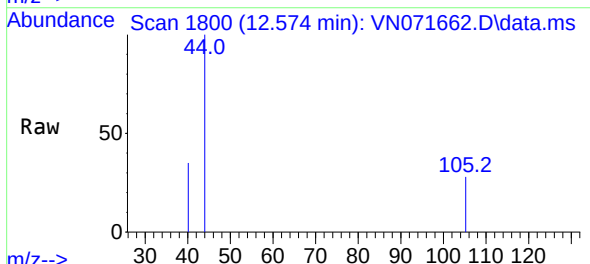
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-6

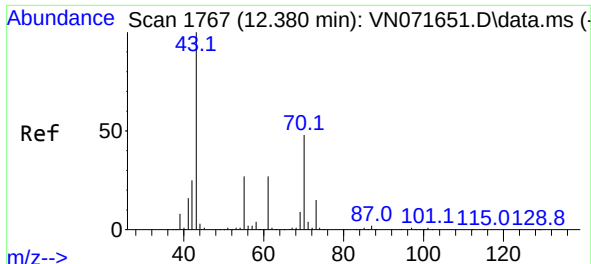
Tgt Ion:152 Resp: 382452
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.9 86.7
 150 155.9 0.0 356.2



#73
 Isopropylbenzene
 Concen: 0.004 ug/l
 RT: 12.574 min Scan# 1800
 Delta R.T. -0.001 min
 Lab File: VN071662.D
 Acq: 30 Mar 2022 16:32

Tgt Ion:105 Resp: 143
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.5 40.4#

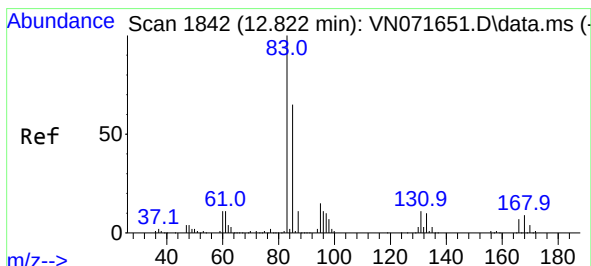
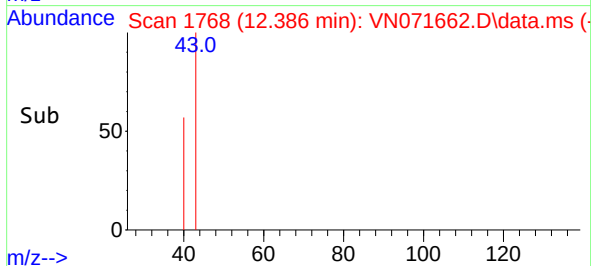
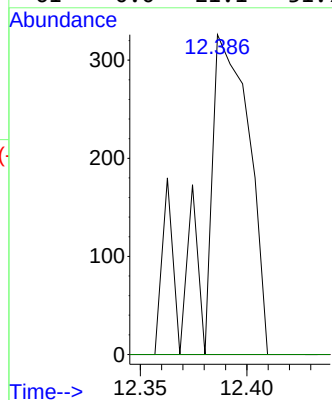
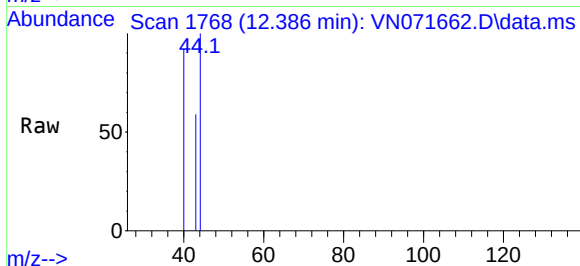




#74
N-amy1 acetate
Concen: 0.048 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

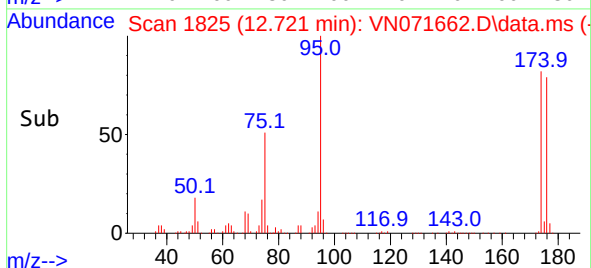
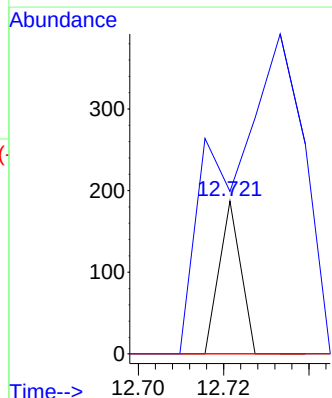
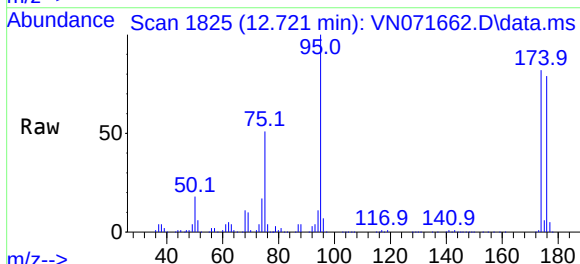
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

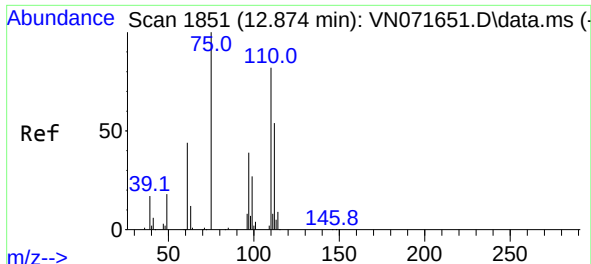
Tgt Ion: 43	Resp: 442
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.4#
55 0.0	21.1 31.7#
61 0.0	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.006 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. -0.101 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 83	Resp: 66
Ion Ratio	Lower Upper
83 100	
131 748.5	5.3 15.9#
85 0.0	32.3 96.9#

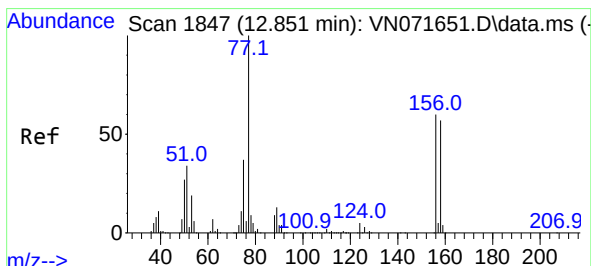
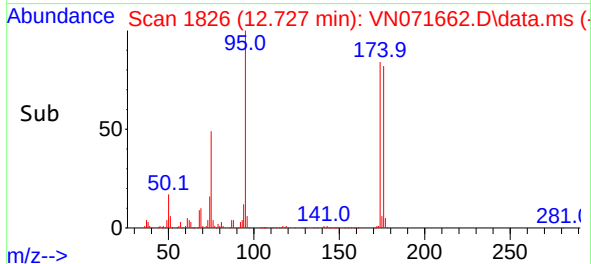
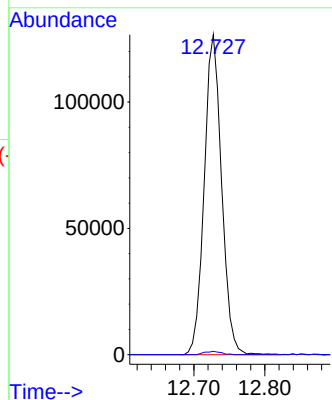
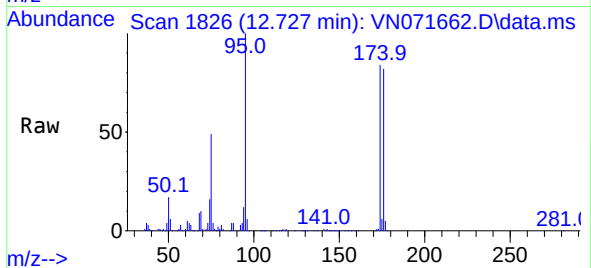




#76
1,2,3-Trichloropropane
Concen: 24.372 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

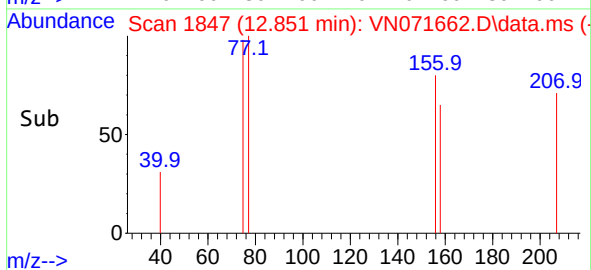
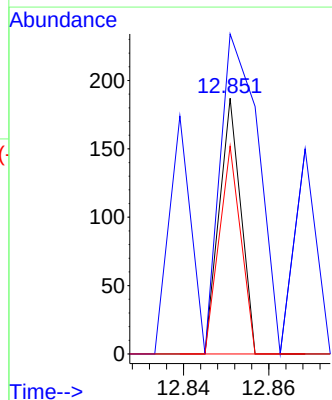
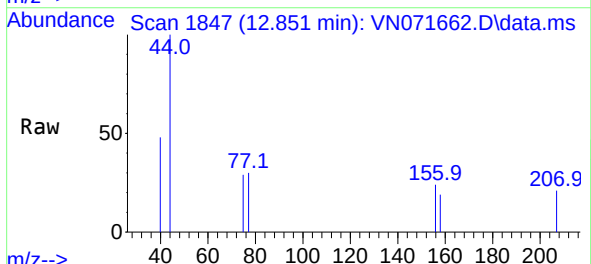
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

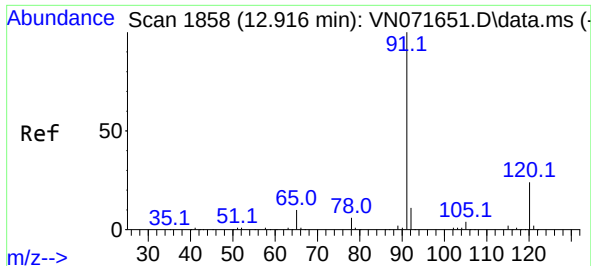
Tgt Ion: 75 Resp: 215929
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#77
Bromobenzene
Concen: 0.008 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 156 Resp: 66
Ion Ratio Lower Upper
156 100
77 395.5 100.5 301.5#
158 81.8 48.9 146.6

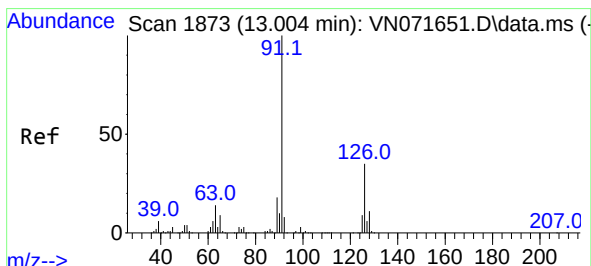
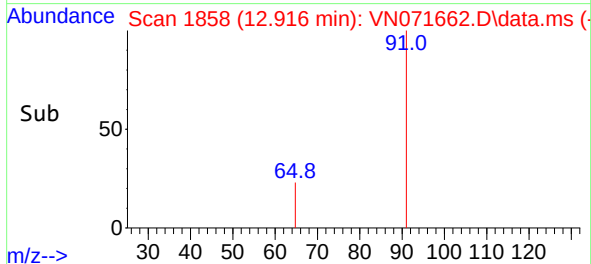
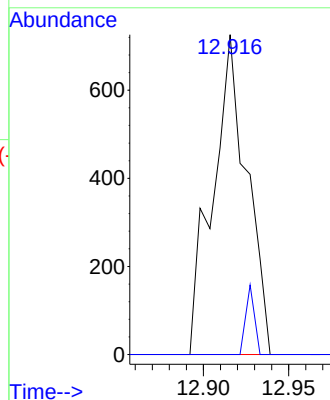
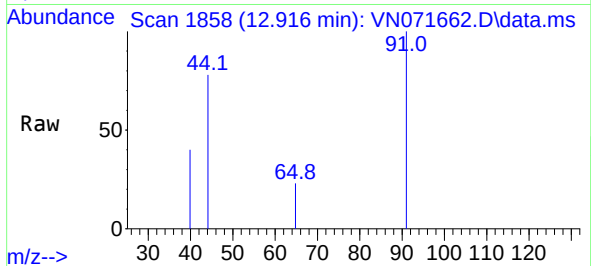




#78
n-propylbenzene
Concen: 0.030 ug/l
RT: 12.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

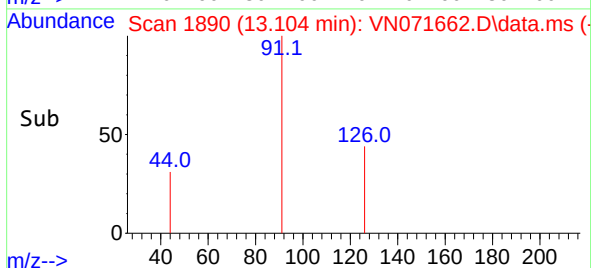
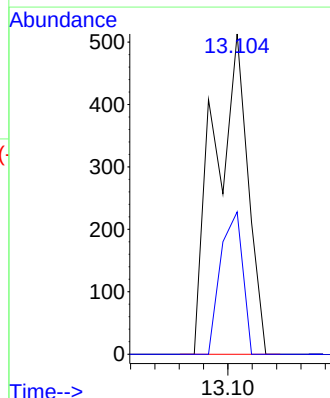
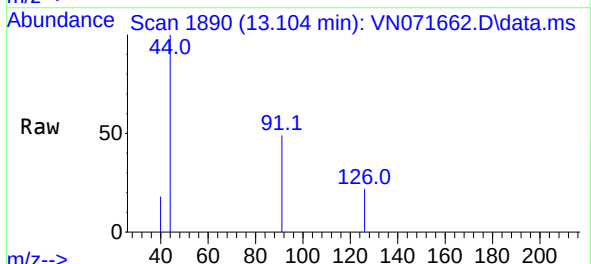
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

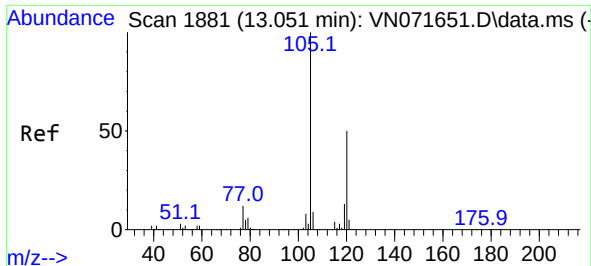
Tgt Ion: 91 Resp: 1014
Ion Ratio Lower Upper
91 100
120 5.5 11.9 35.5#



#79
2-Chlorotoluene
Concen: 0.023 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.100 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 91 Resp: 490
Ion Ratio Lower Upper
91 100
126 29.4 17.3 51.9

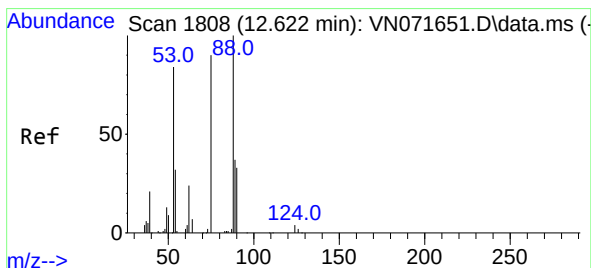
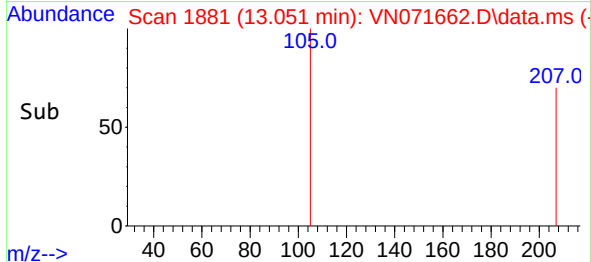
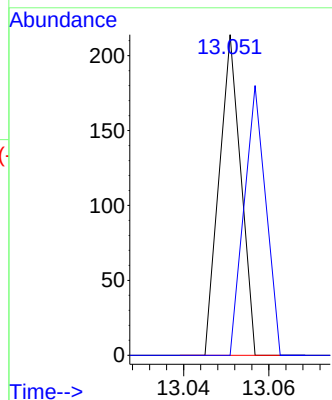
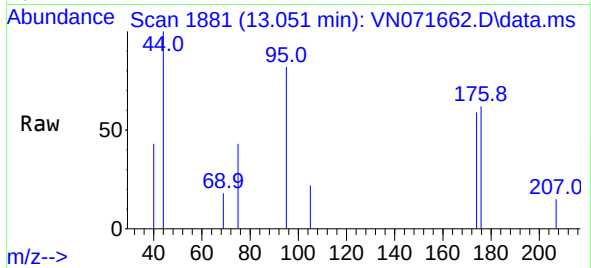




#80
1,3,5-Trimethylbenzene
Concen: 0.003 ug/l
RT: 13.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

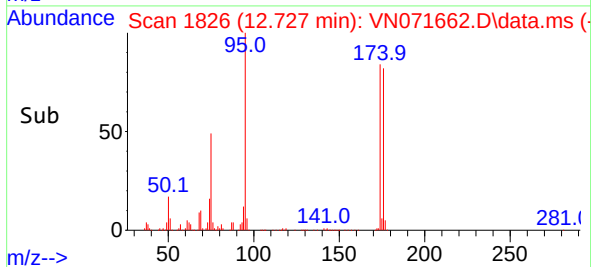
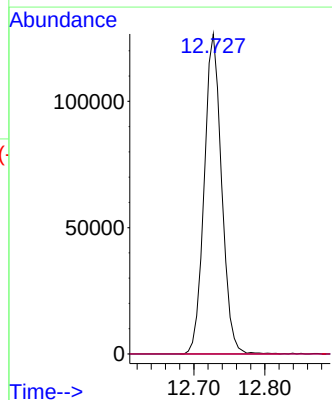
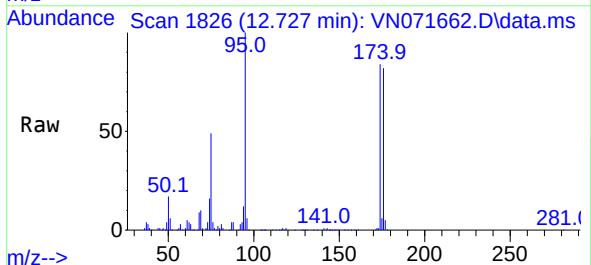
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

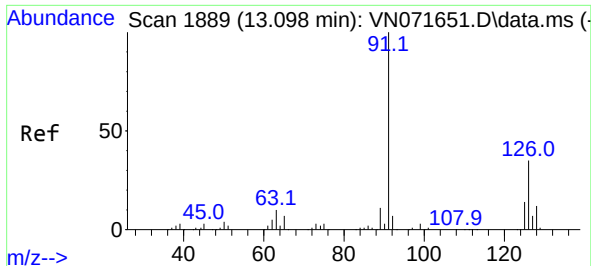
Tgt Ion:105 Resp: 76
Ion Ratio Lower Upper
105 100
120 84.2 24.9 74.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.527 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 75 Resp: 215929
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

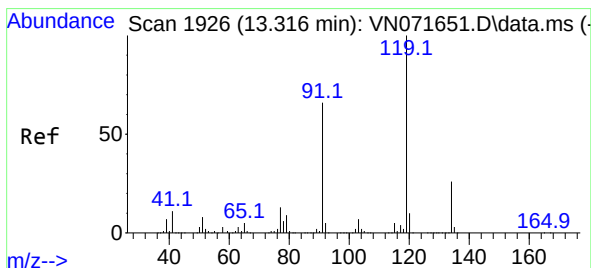
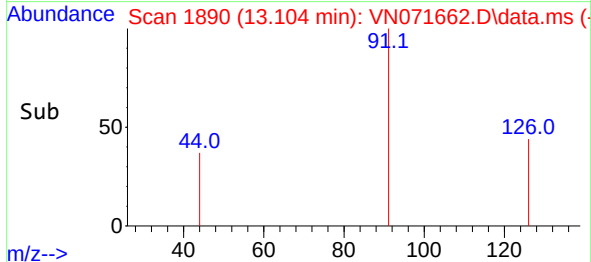
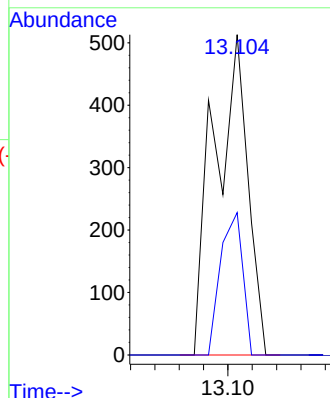
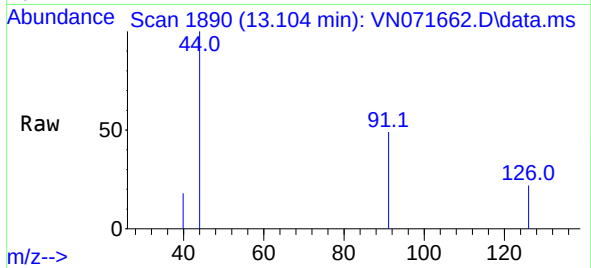




#82
4-Chlorotoluene
Concen: 0.024 ug/l
RT: 13.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

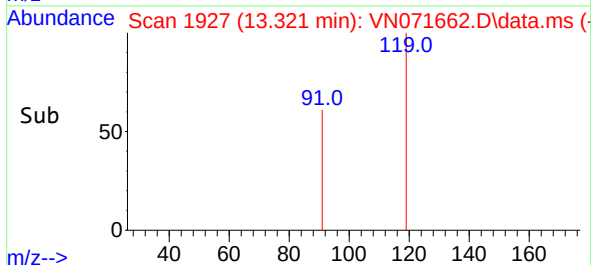
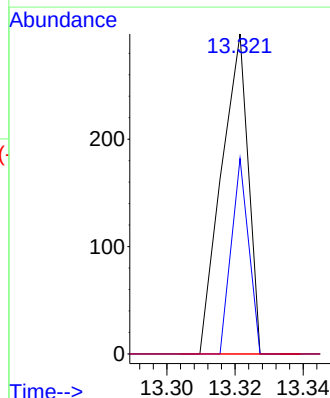
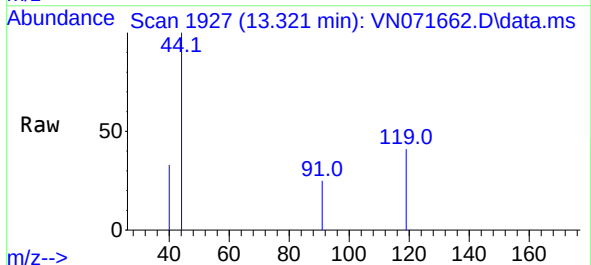
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

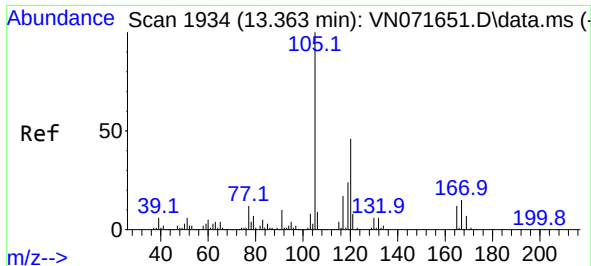
Tgt Ion: 91 Resp: 490
Ion Ratio Lower Upper
91 100
126 29.4 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.007 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 119 Resp: 163
Ion Ratio Lower Upper
119 100
91 39.3 31.6 94.8
134 0.0 13.7 41.1#

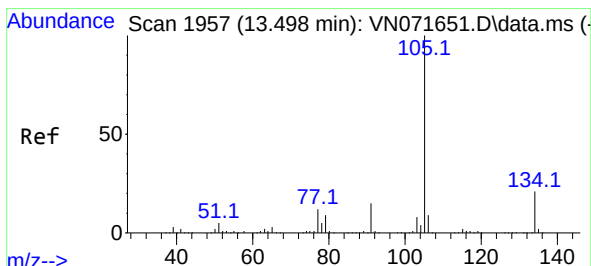
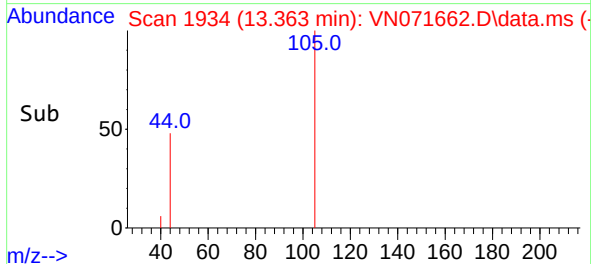
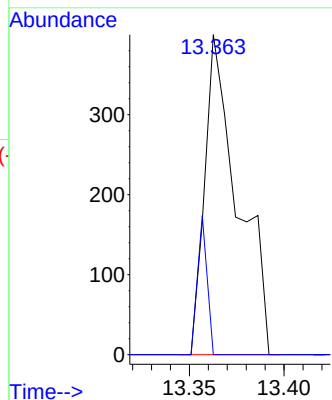
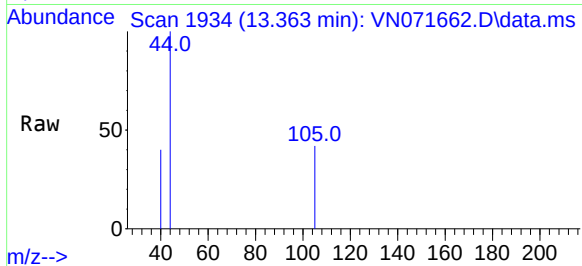




#84
1,2,4-Trimethylbenzene
Concen: 0.020 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

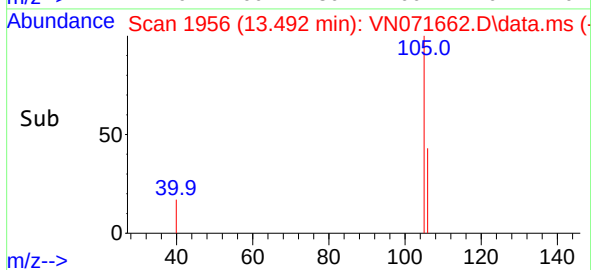
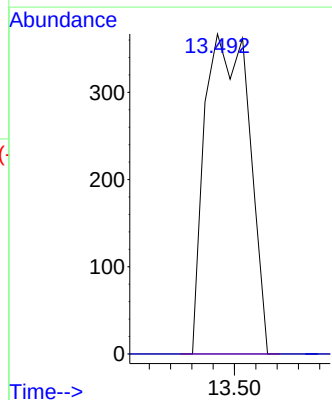
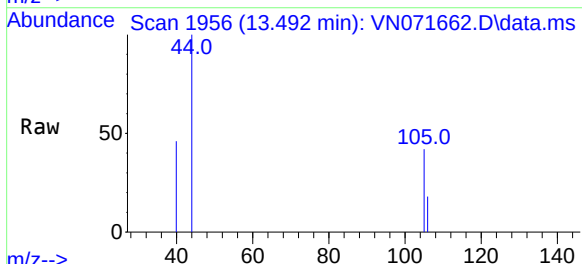
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

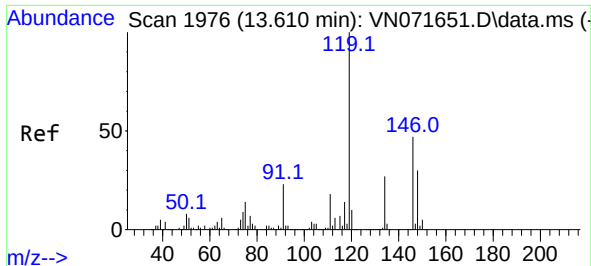
Tgt Ion:105 Resp: 487
Ion Ratio Lower Upper
105 100
120 12.5 23.3 69.8#



#85
sec-Butylbenzene
Concen: 0.018 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion:105 Resp: 531
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

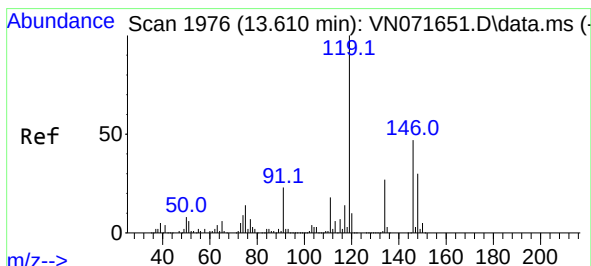
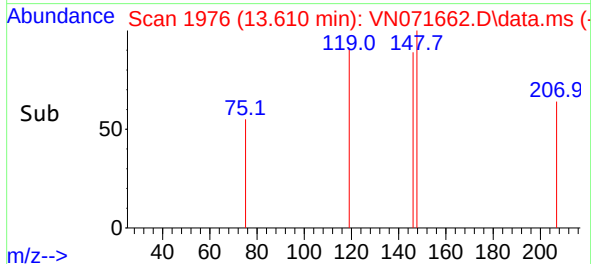
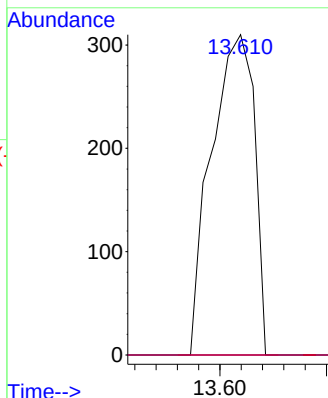
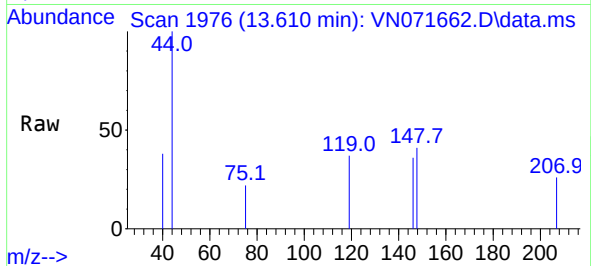




#86
p-Isopropyltoluene
Concen: 0.018 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

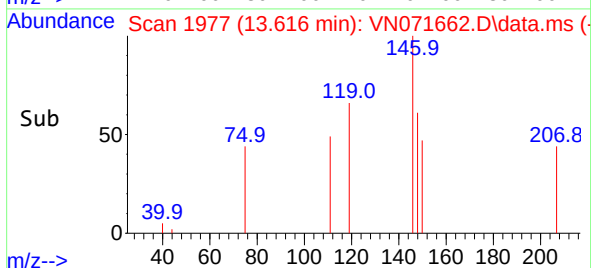
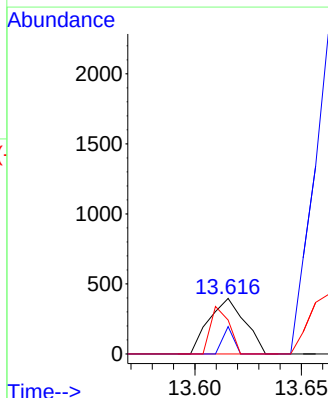
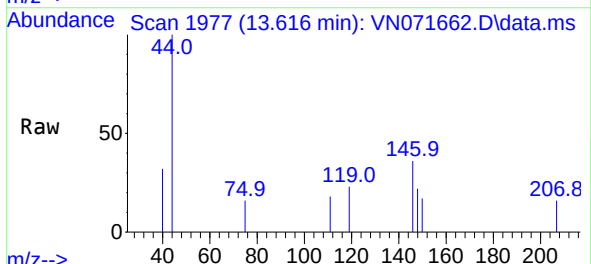
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

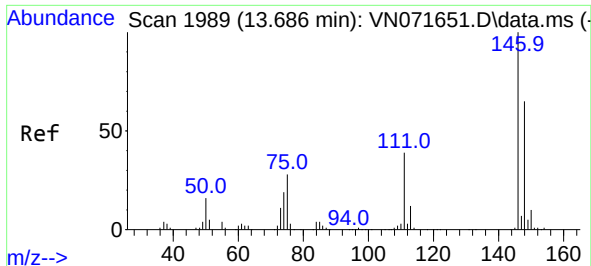
Tgt Ion:119 Resp: 436
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 11.3 33.9#



#87
1,3-Dichlorobenzene
Concen: 0.036 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion:146 Resp: 465
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 44.1 32.0 96.0

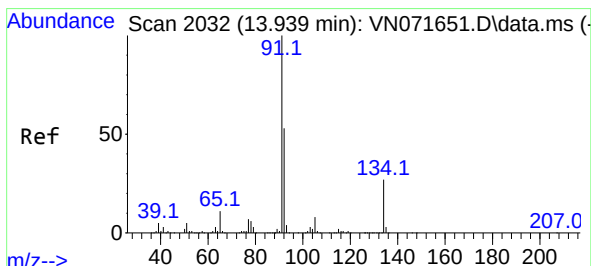
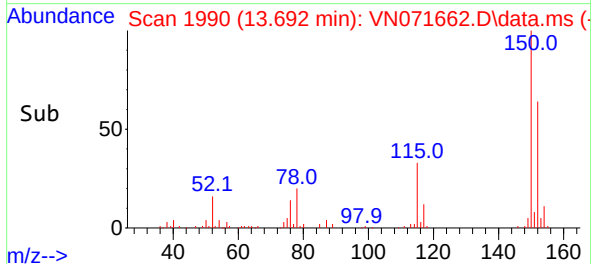
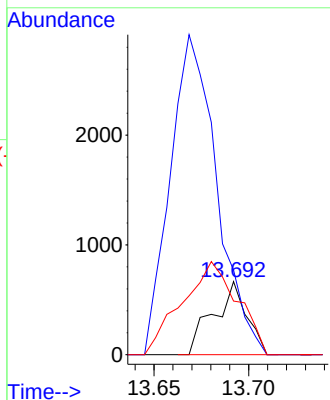
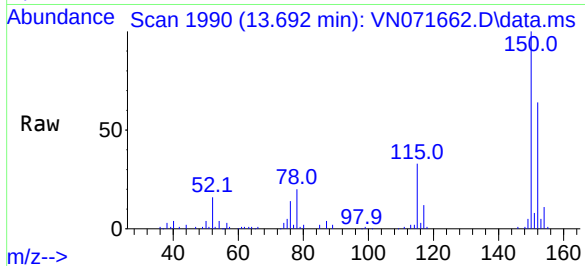




#88
1,4-Dichlorobenzene
Concen: 0.065 ug/l
RT: 13.692 min Scan# 1989
Delta R.T. 0.006 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

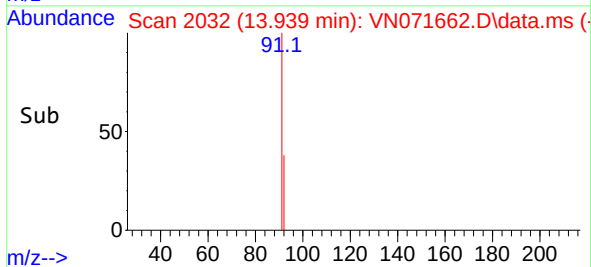
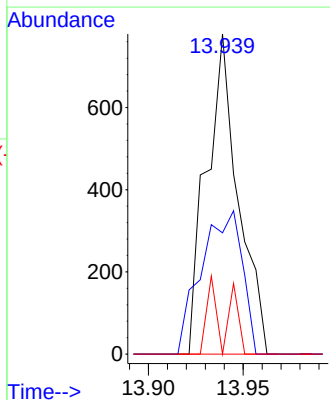
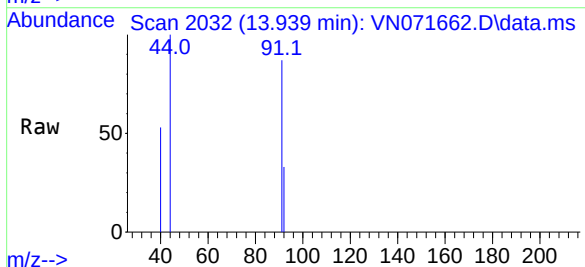
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

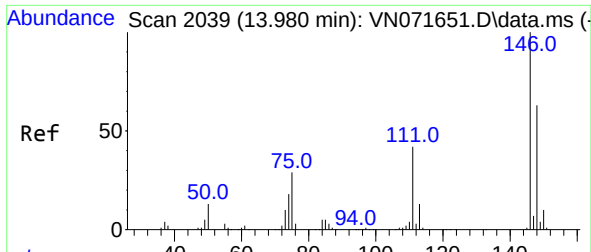
Tgt Ion:146 Resp: 820
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.1#
148 211.5 31.4 94.3#



#89
n-Butylbenzene
Concen: 0.051 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion: 91 Resp: 911
Ion Ratio Lower Upper
91 100
92 57.6 26.9 80.7
134 14.1 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.037 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071662.D

Acq: 30 Mar 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

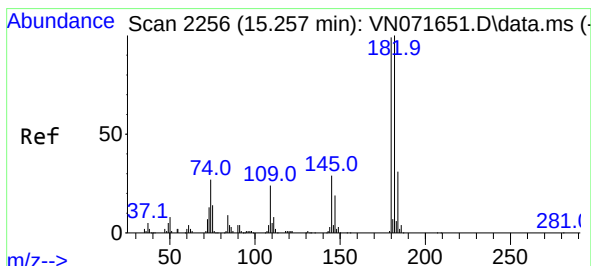
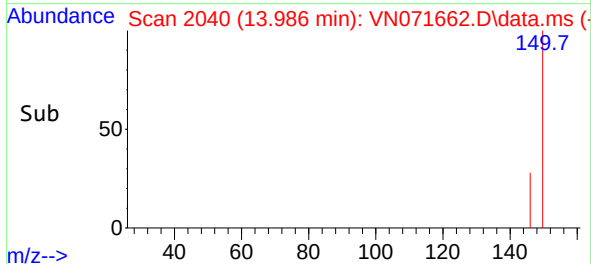
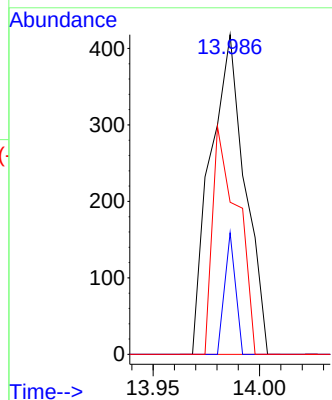
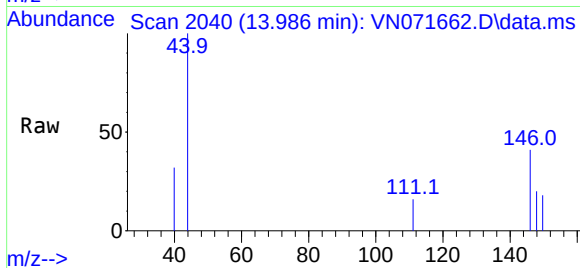
Tgt Ion:146 Resp: 472

Ion Ratio Lower Upper

146 100

111 0.0 20.9 62.8#

148 51.5 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 2.167 ug/l

RT: 15.251 min Scan# 2255

Delta R.T. -0.006 min

Lab File: VN071662.D

Acq: 30 Mar 2022 16:32

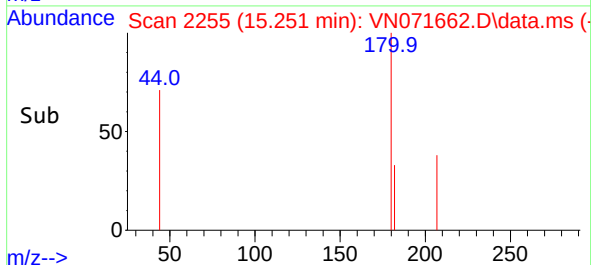
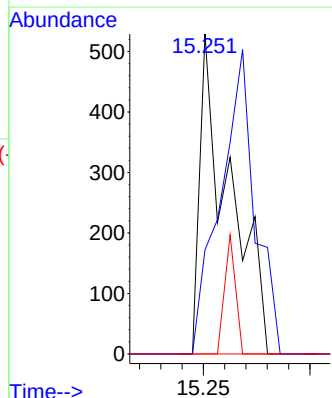
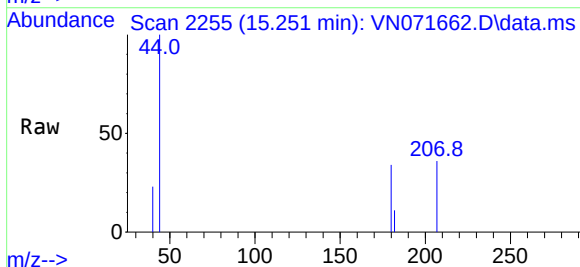
Tgt Ion:180 Resp: 513

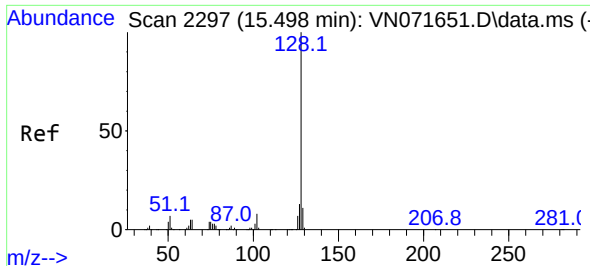
Ion Ratio Lower Upper

180 100

182 110.5 47.5 142.5

145 13.6 14.5 43.5#

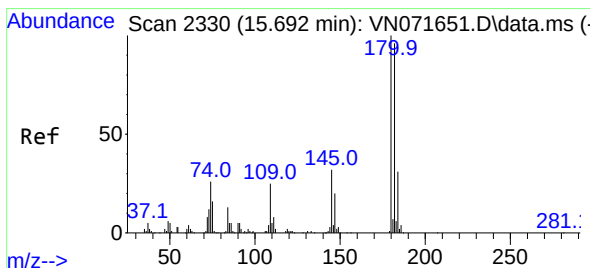
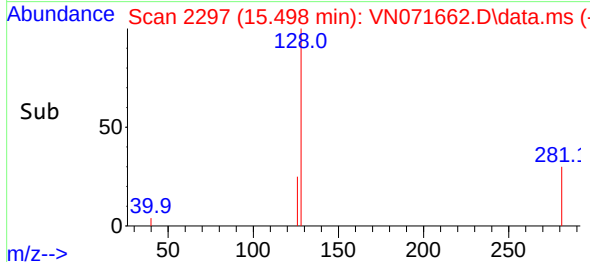
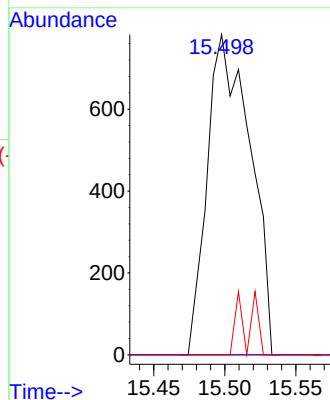
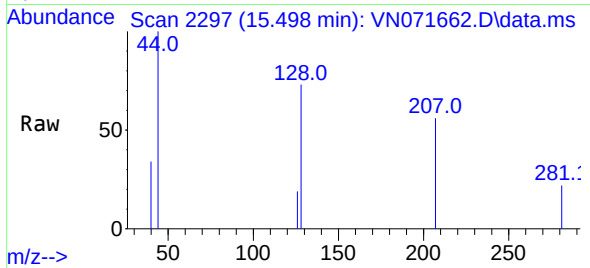




#95
Naphthalene
Concen: 3.890 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:	128	Resp:	1645
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	6.6	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.475 ug/l
RT: 15.710 min Scan# 2333
Delta R.T. 0.018 min
Lab File: VN071662.D
Acq: 30 Mar 2022 16:32

Tgt Ion:	180	Resp:	380
Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.8	143.3
145	0.0	15.5	46.5#

