

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071618.D
 Acq On : 28 Mar 2022 21:33
 Operator : JC\MD
 Sample : N2130-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 29 09:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	680912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1135879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1091446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	381530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	390135	47.786	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.580%
35) Dibromofluoromethane	8.022	113	324316	46.490	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.980%
50) Toluene-d8	10.439	98	1382575	48.047	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.727	95	442189	47.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.220%

Target Compounds				Qvalue		
4) Vinyl Chloride	2.440	62	118	0.014	ug/l #	1
7) Trichlorofluoromethane	3.387	101	53	0.005	ug/l #	18
10) Methyl Iodide	4.440	142	1105	0.119	ug/l #	74
12) 1,1-Dichloroethene	4.169	96	60	0.010	ug/l #	1
13) Acrolein	4.040	56	140	0.116	ug/l #	68
14) Allyl chloride	4.834	41	113	0.012	ug/l #	24
15) Acrylonitrile	5.563	53	137	0.034	ug/l #	78
17) Carbon Disulfide	4.540	76	1936	0.127	ug/l #	75
22) Diisopropyl ether	6.257	45	56	0.003	ug/l #	34
23) Vinyl Acetate	6.445	43	117	0.007	ug/l #	68
25) 2-Butanone	7.328	43	360	0.069	ug/l #	45
29) Tetrahydrofuran	7.704	42	475	0.140	ug/l #	45
30) Chloroform	7.828	83	53	0.004	ug/l #	18
37) Ethyl Acetate	7.363	43	607	0.055	ug/l #	67
40) Benzene	8.457	78	488	0.016	ug/l #	51
41) Methacrylonitrile	7.686	41	76	0.014	ug/l #	16
42) 1,2-Dichloroethane	8.527	62	859	0.081	ug/l #	74
44) Trichloroethene	9.210	130	135	0.017	ug/l	3
47) Bromodichloromethane	9.745	83	53	0.005	ug/l #	26
51) 4-Methyl-2-Pentanone	10.322	43	1009	0.094	ug/l #	33
52) Toluene	10.492	92	532	0.027	ug/l	89
53) t-1,3-Dichloropropene	10.716	75	63	0.006	ug/l #	1
54) cis-1,3-Dichloropropene	10.180	75	58	0.005	ug/l #	36
56) Ethyl methacrylate	10.763	69	54	0.005	ug/l #	1
57) 1,3-Dichloropropane	11.027	76	53	0.004	ug/l #	42
60) Dibromochloromethane	10.969	129	131	0.016	ug/l #	11
64) Tetrachloroethene	10.986	164	69	0.009	ug/l #	1
65) Chlorobenzene	11.757	112	841	0.037	ug/l #	43
67) Ethyl Benzene	11.845	91	1041	0.026	ug/l #	83
68) m/p-Xylenes	11.939	106	814	0.054	ug/l	84
69) o-Xylene	12.280	106	210	0.014	ug/l	59
70) Styrene	12.286	104	796	0.035	ug/l #	35
73) Isopropylbenzene	12.580	105	531	0.016	ug/l #	60
74) N-amyl acetate	12.386	43	1105	0.109	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.833	83	131	0.012	ug/l #	75
77) Bromobenzene	12.857	156	313	0.037	ug/l #	23

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 ALS Vial : 27 Sample Multiplier: 1

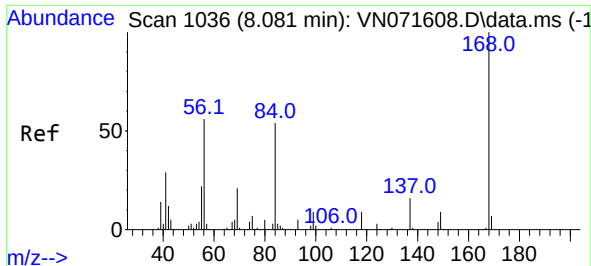
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

78) n-propylbenzene	12.915	91	1733	0.048	ug/l	93
79) 2-Chlorotoluene	12.998	91	841	0.037	ug/l #	66
80) 1,3,5-Trimethylbenzene	13.063	105	721	0.027	ug/l	87
82) 4-Chlorotoluene	13.092	91	1586	0.075	ug/l #	57
83) tert-Butylbenzene	13.315	119	391	0.016	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.362	105	1063	0.041	ug/l	82
85) sec-Butylbenzene	13.498	105	1169	0.037	ug/l #	67
86) p-Isopropyltoluene	13.615	119	793	0.031	ug/l	88
87) 1,3-Dichlorobenzene	13.610	146	1029	0.076	ug/l	91
88) 1,4-Dichlorobenzene	13.610	146	1029	0.077	ug/l	89
89) n-Butylbenzene	13.939	91	1836	0.096	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	1096	0.083	ug/l	81
94) Hexachlorobutadiene	15.362	225	120	0.032	ug/l #	56
96) 1,2,3-Trichlorobenzene	15.709	180	907	0.155	ug/l	82

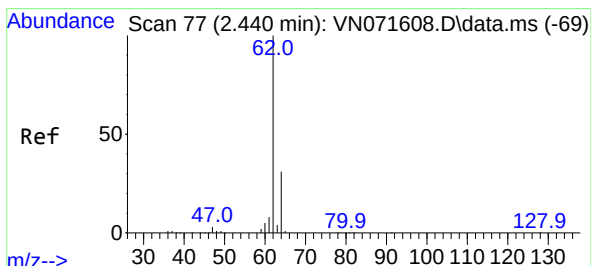
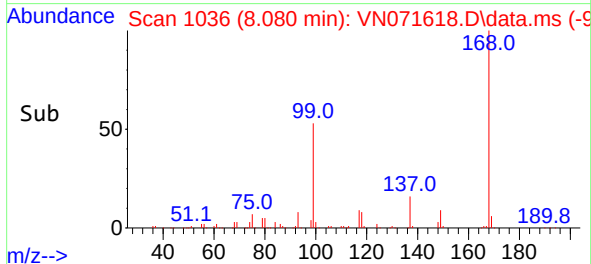
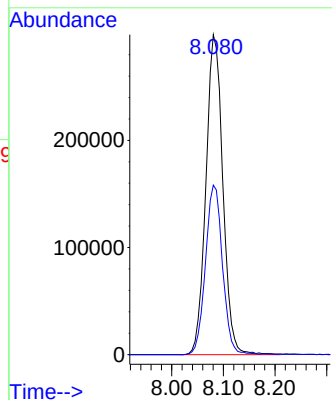
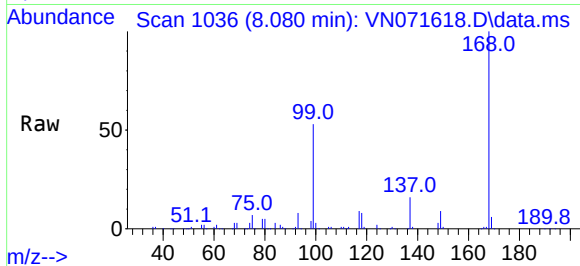
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

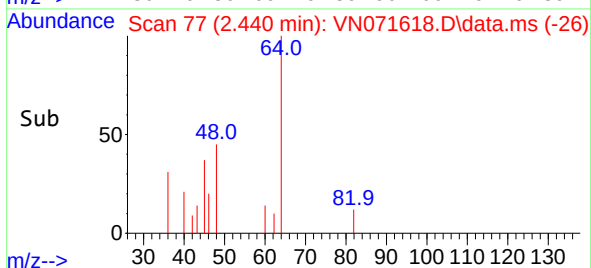
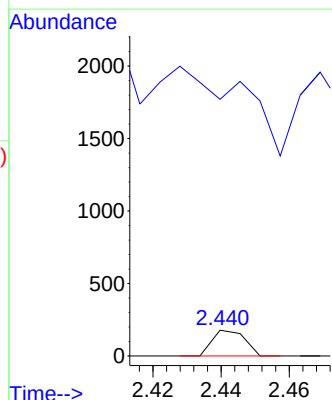
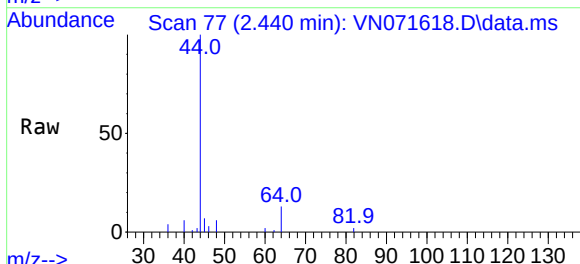
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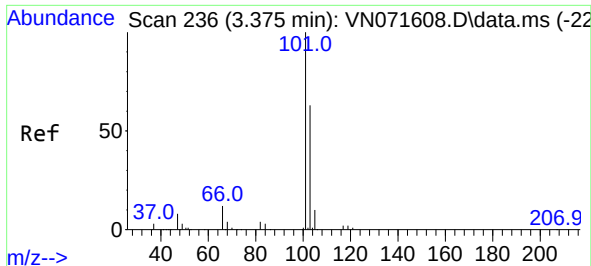
Tgt Ion:168 Resp: 680912
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#4
Vinyl Chloride
Concen: 0.014 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 62 Resp: 118
Ion Ratio Lower Upper
62 100
64 220.2 25.0 37.4

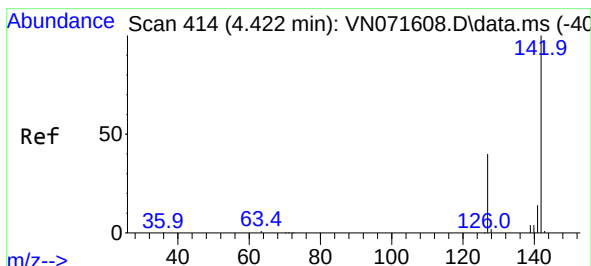
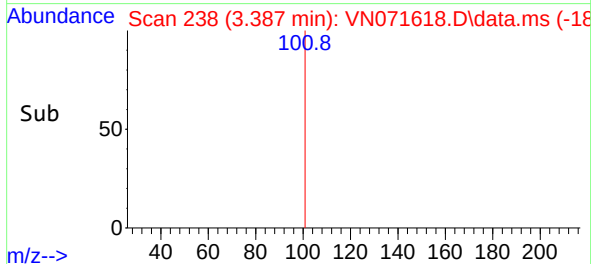
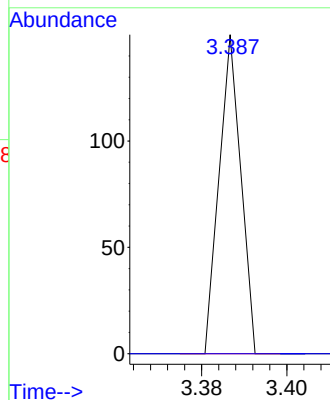
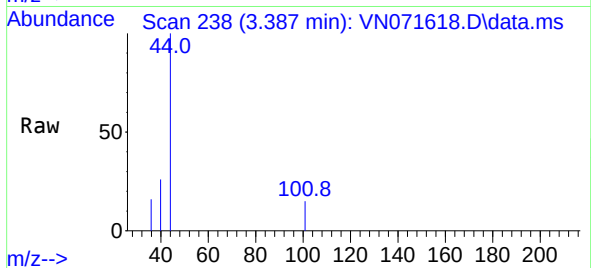




#7
 Trichlorofluoromethane
 Concen: 0.005 ug/l
 RT: 3.387 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

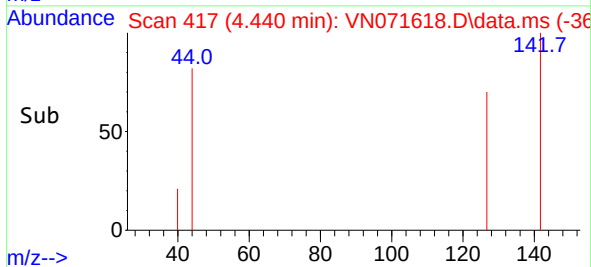
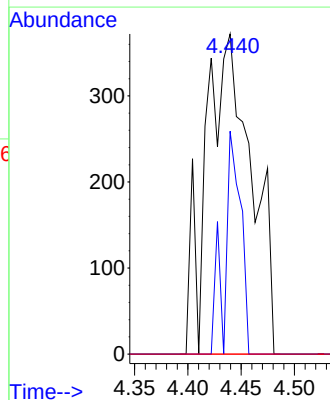
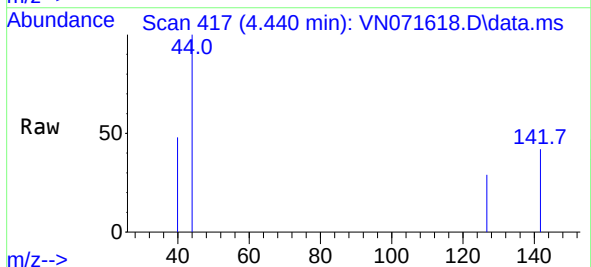
Instrument :
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 ClientSampleId :
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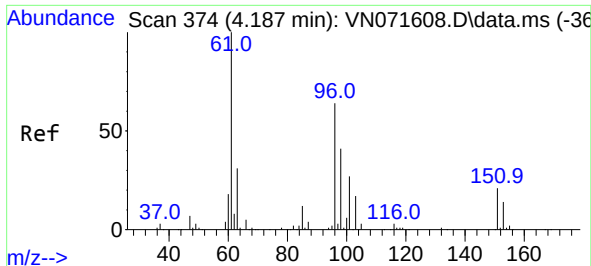
Tgt Ion:101 Resp: 53
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.5 77.3#



#10
 Methyl Iodide
 Concen: 0.119 ug/l
 RT: 4.440 min Scan# 417
 Delta R.T. 0.018 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

Tgt Ion:142 Resp: 1105
 Ion Ratio Lower Upper
 142 100
 127 24.8 31.3 46.9#
 141 0.0 11.2 16.8#

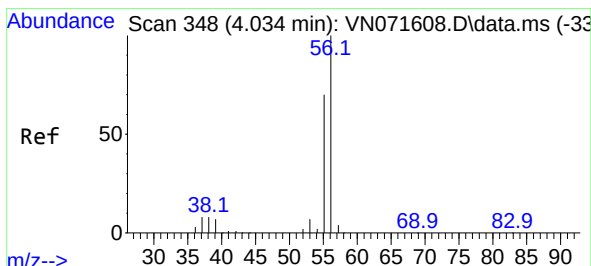
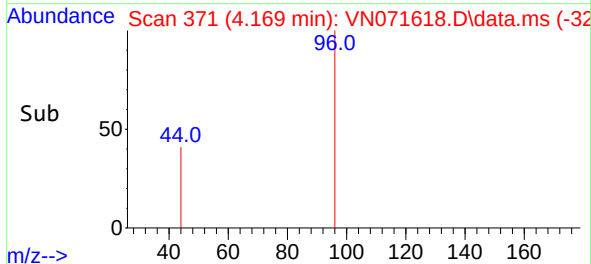
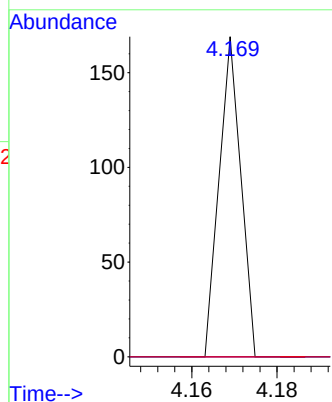
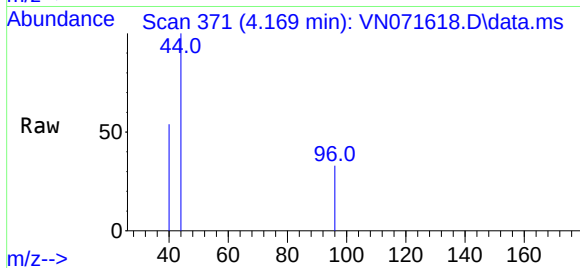




#12
1,1-Dichloroethene
Concen: 0.010 ug/l
RT: 4.169 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

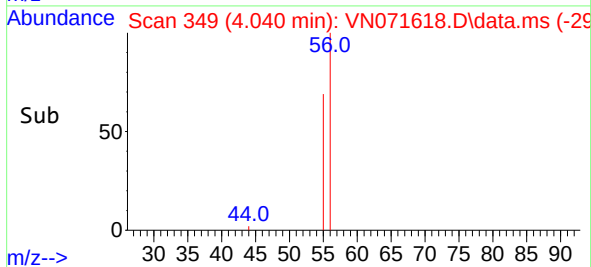
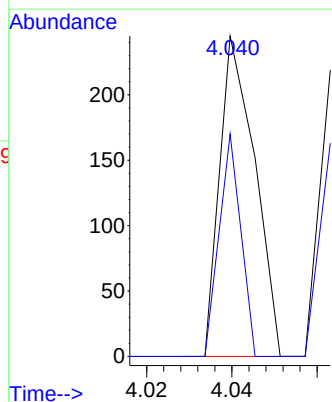
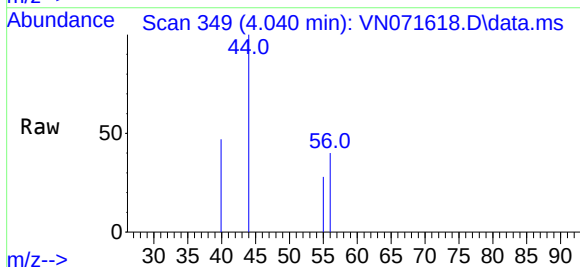
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

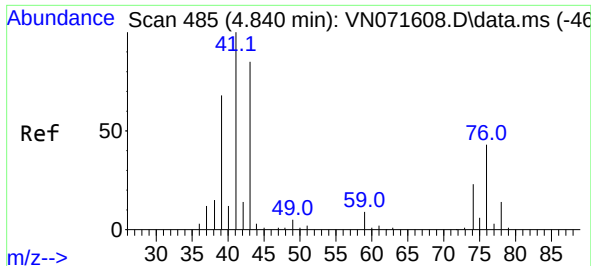
Tgt Ion: 96 Resp: 60
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.116 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 42.9 54.8 82.2#

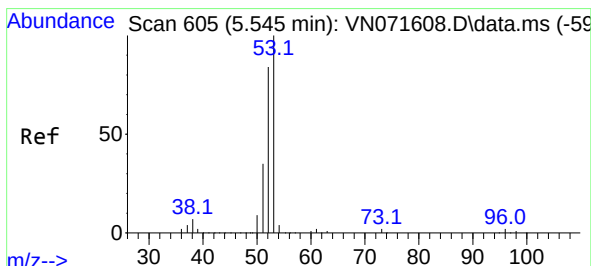
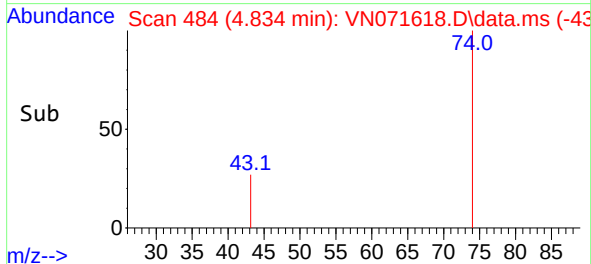
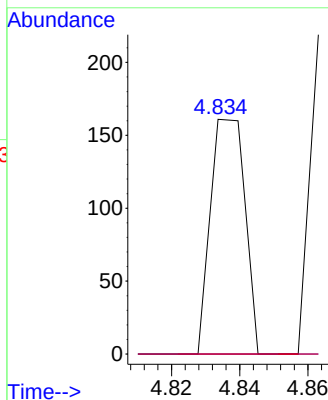
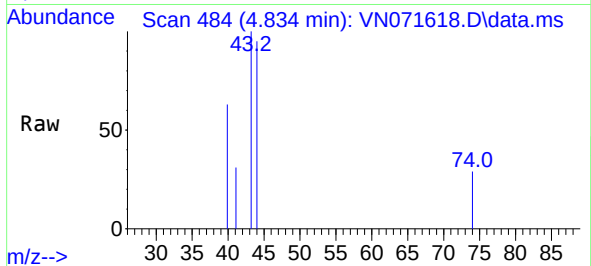




#14
 Allyl chloride
 Concen: 0.012 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

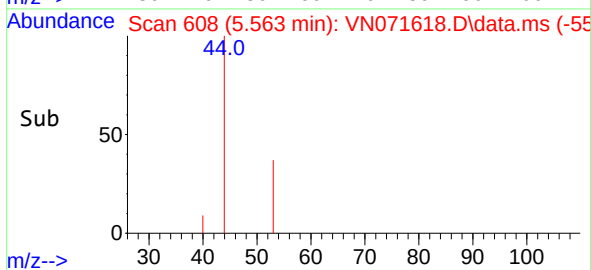
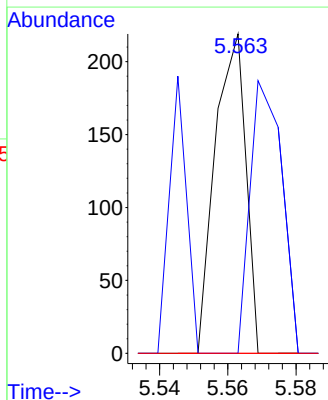
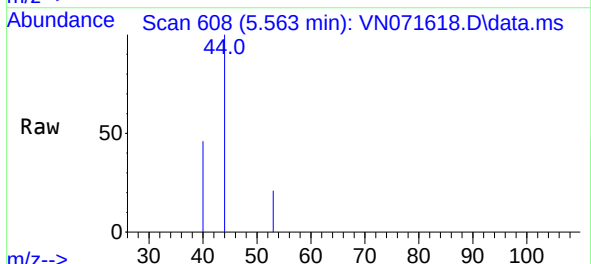
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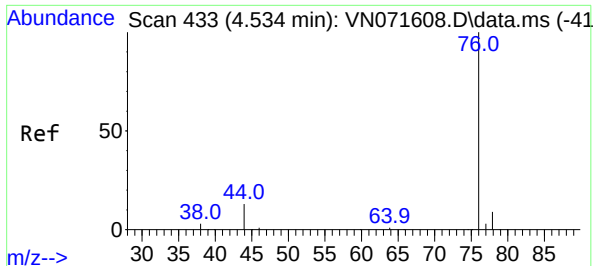
Tgt Ion: 41 Resp: 113
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 0.034 ug/l
 RT: 5.563 min Scan# 608
 Delta R.T. 0.018 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

Tgt Ion: 53 Resp: 137
 Ion Ratio Lower Upper
 53 100
 52 88.3 66.4 99.6
 51 0.0 28.5 42.7#

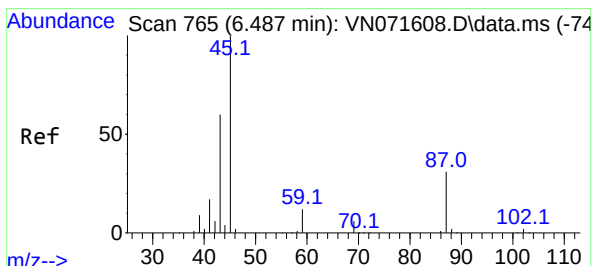
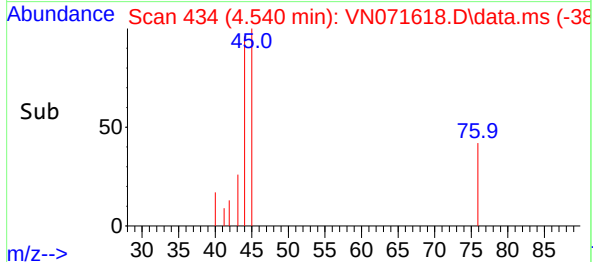
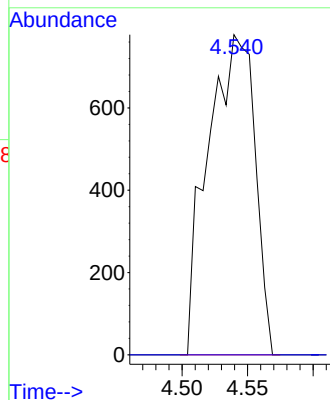
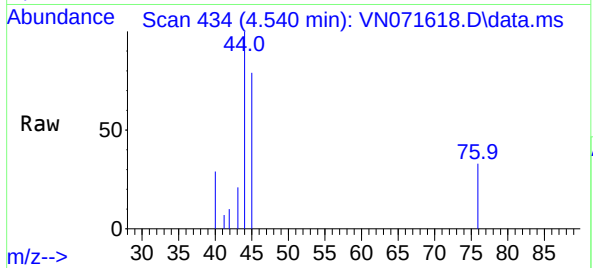




#17
Carbon Disulfide
Concen: 0.127 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

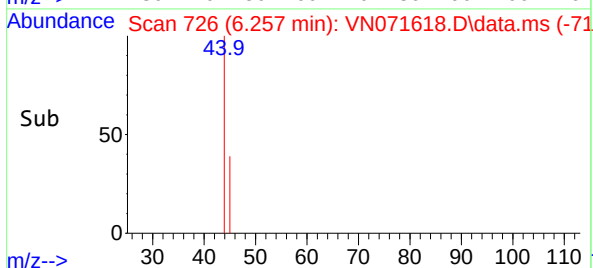
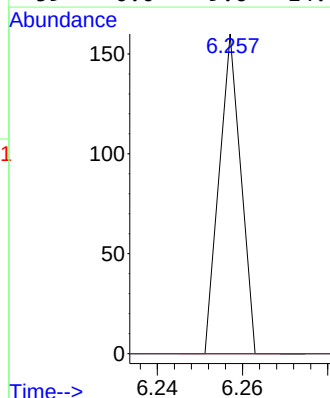
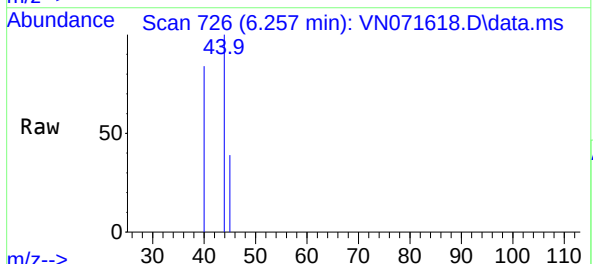
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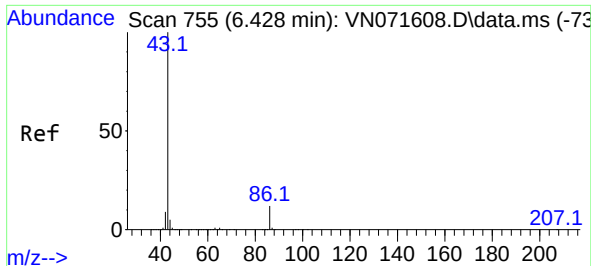
Tgt Ion: 76 Resp: 1936
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#22
Diisopropyl ether
Concen: 0.003 ug/l
RT: 6.257 min Scan# 726
Delta R.T. -0.229 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 45 Resp: 56
Ion Ratio Lower Upper
45 100
43 0.0 46.6 70.0#
87 0.0 24.3 36.5#
59 0.0 9.6 14.4#

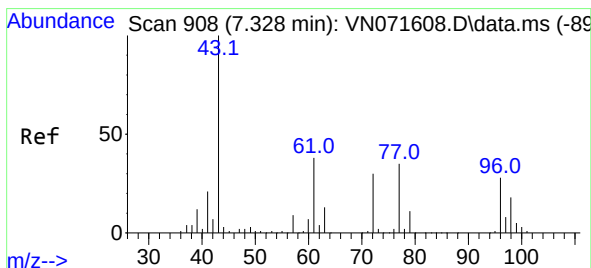
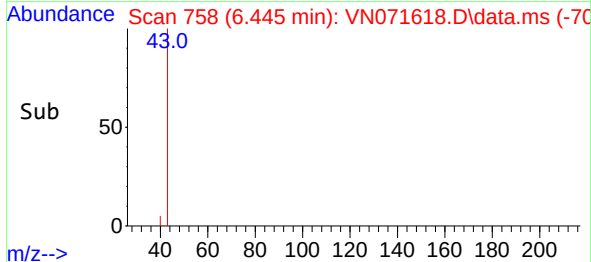
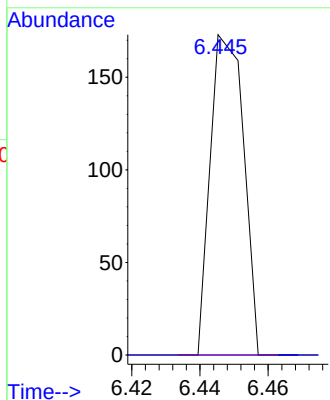
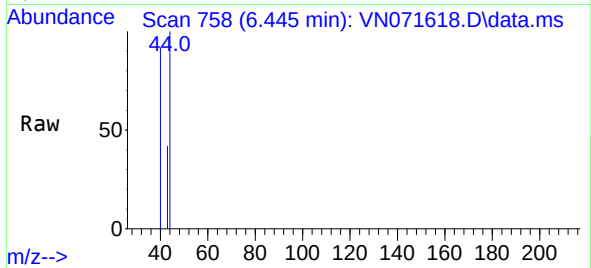




#23
 Vinyl Acetate
 Concen: 0.007 ug/l
 RT: 6.445 min Scan# 758
 Delta R.T. 0.018 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

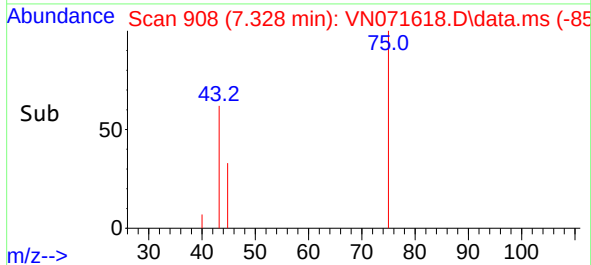
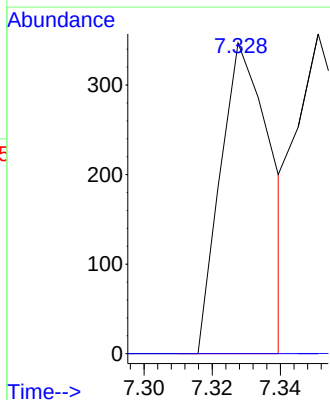
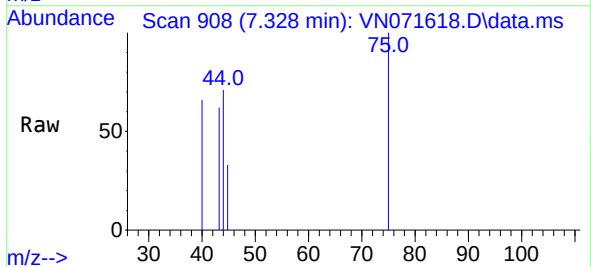
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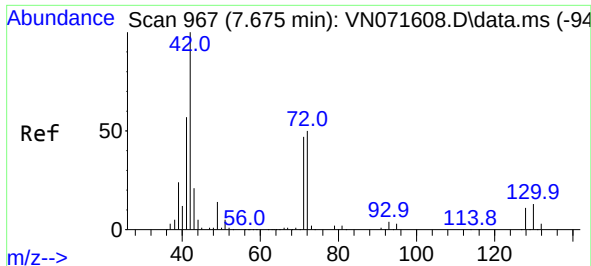
Tgt Ion: 43 Resp: 117
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 0.069 ug/l
 RT: 7.328 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

Tgt Ion: 43 Resp: 360
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.7 35.5#

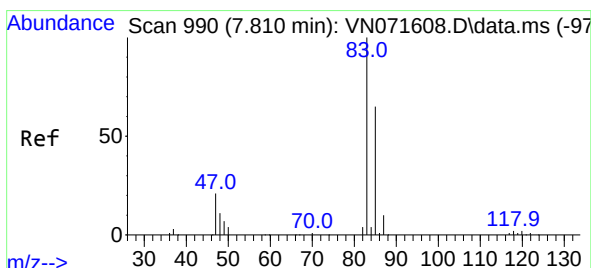
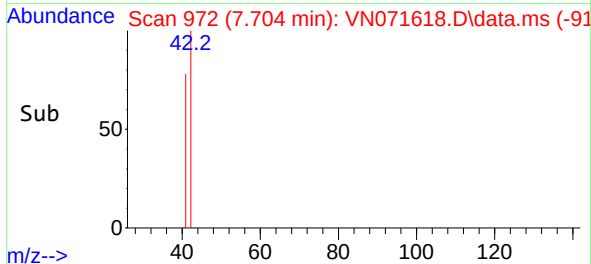
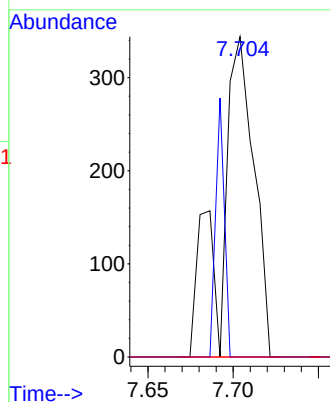
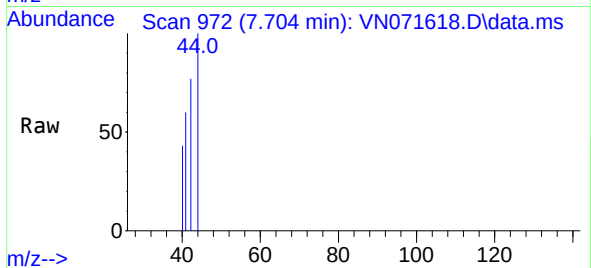




#29
Tetrahydrofuran
Concen: 0.140 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.029 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

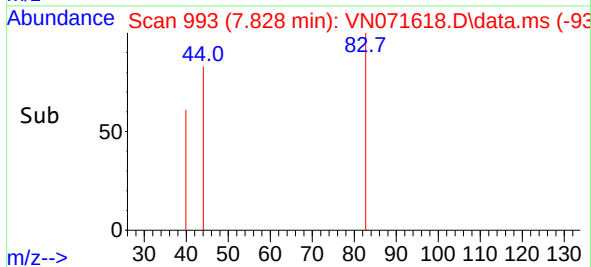
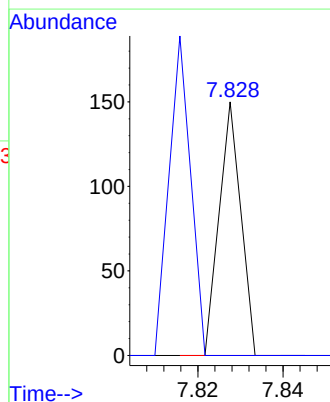
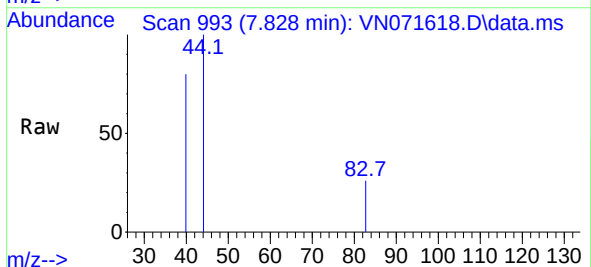
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

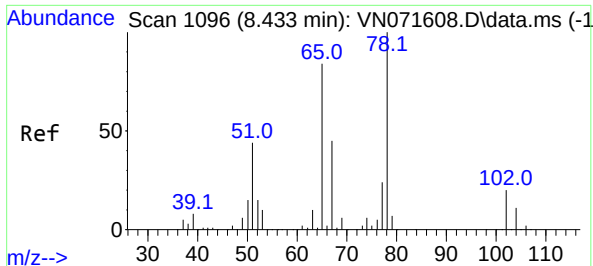
Tgt Ion: 42 Resp: 475
Ion Ratio Lower Upper
42 100
72 20.6 39.7 59.5#
71 0.0 36.6 55.0#



#30
Chloroform
Concen: 0.004 ug/l
RT: 7.828 min Scan# 993
Delta R.T. 0.018 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#

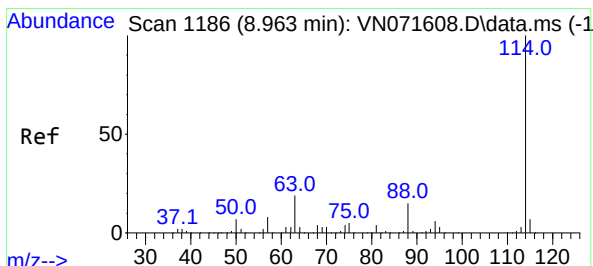
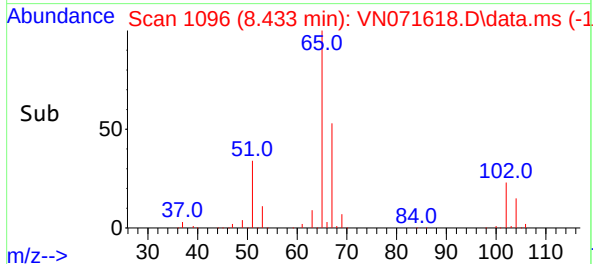
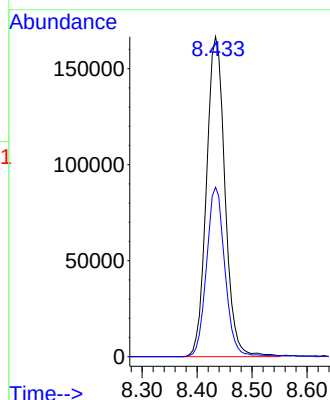
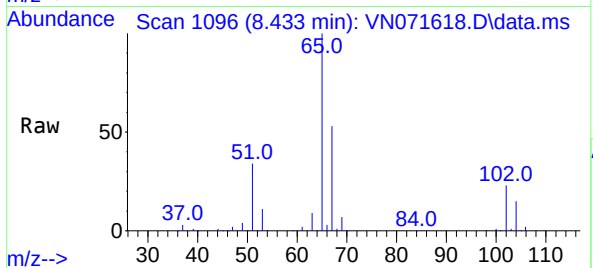




#33
1,2-Dichloroethane-d4
Concen: 47.786 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

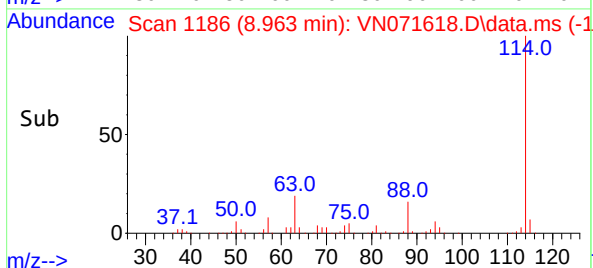
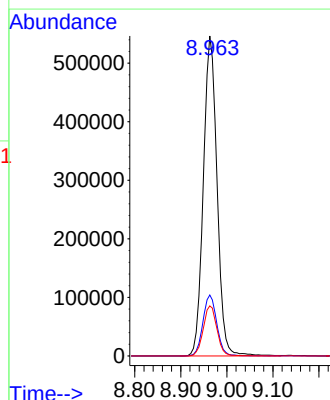
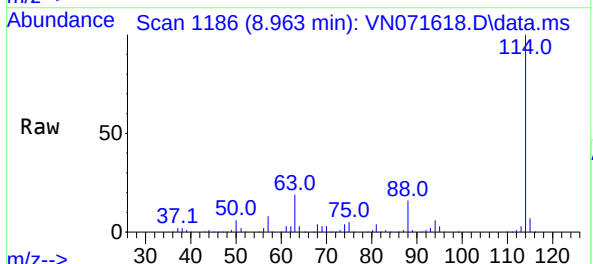
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

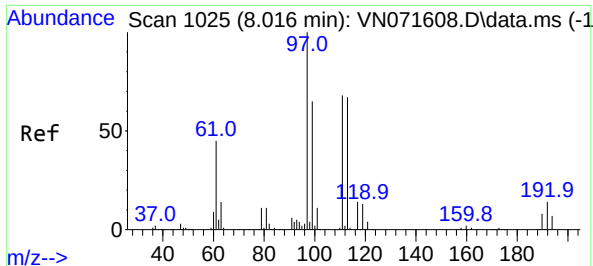
Tgt Ion: 65 Resp: 390135
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 114 Resp: 1135879
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.6 0.0 32.6

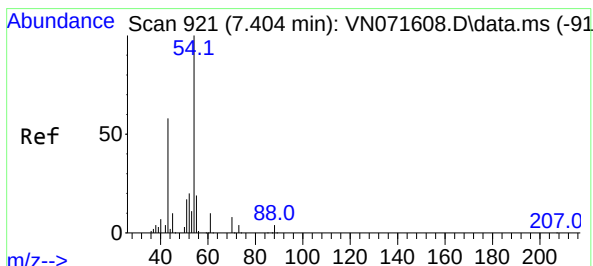
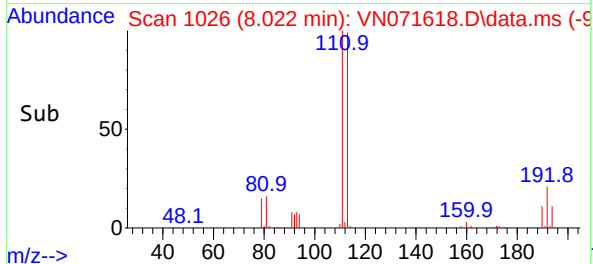
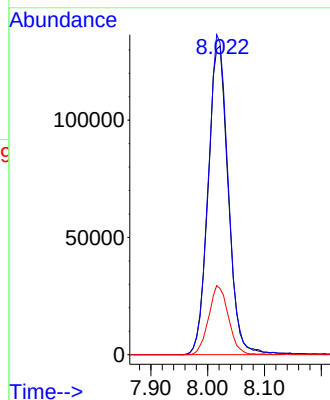
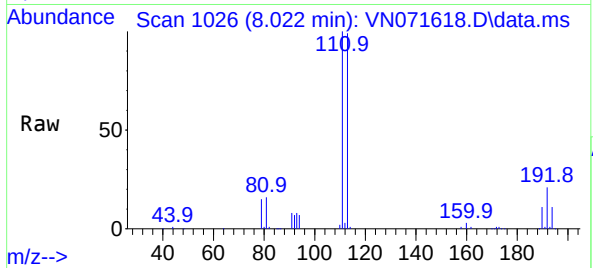




#35
Dibromofluoromethane
Concen: 46.490 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

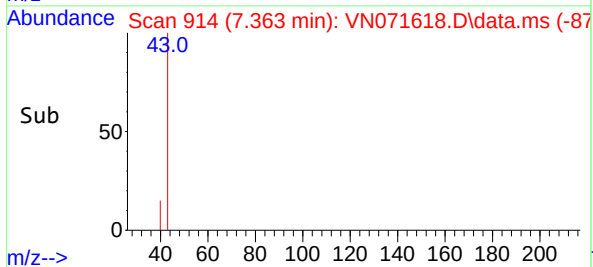
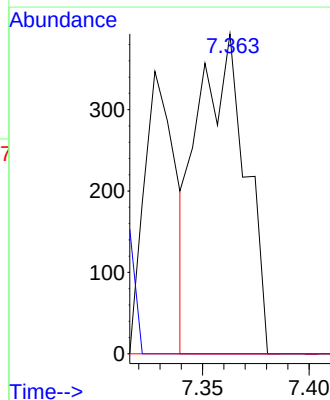
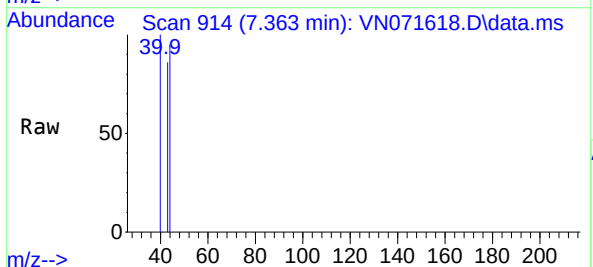
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

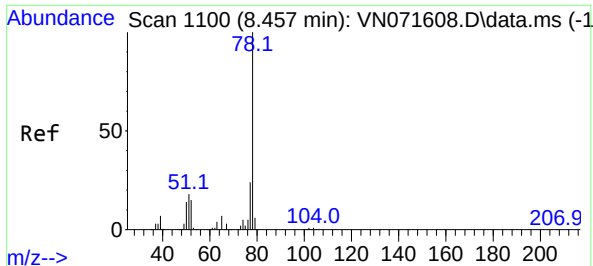
Tgt Ion:113 Resp: 324316
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 21.9 17.0 25.6



#37
Ethyl Acetate
Concen: 0.055 ug/l
RT: 7.363 min Scan# 914
Delta R.T. -0.041 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

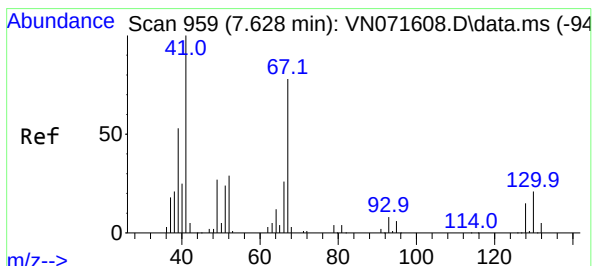
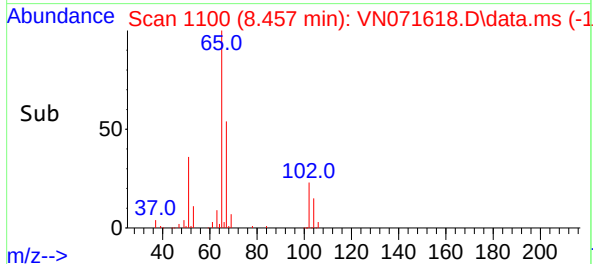
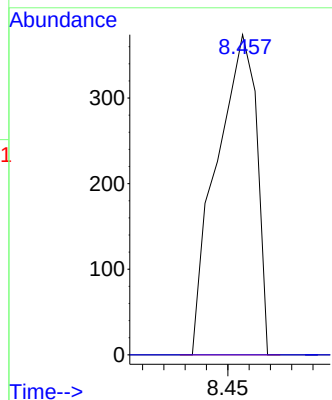
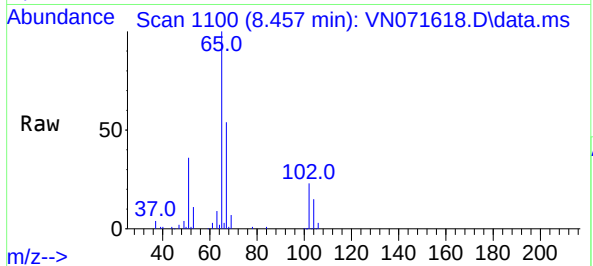




#40
Benzene
Concen: 0.016 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

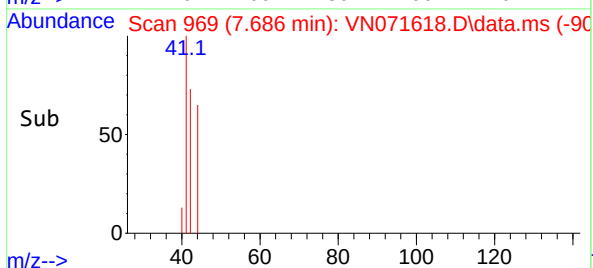
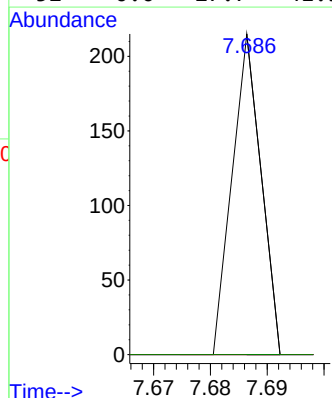
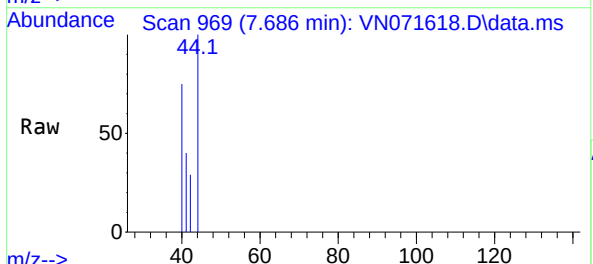
Instrument :
MSVOA_N
ClientSampleId :
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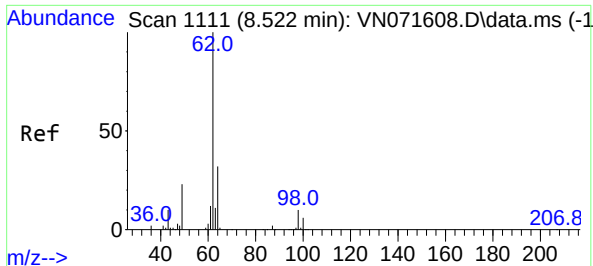
Tgt Ion: 78 Resp: 488
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.014 ug/l
RT: 7.686 min Scan# 969
Delta R.T. 0.059 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 41 Resp: 76
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#

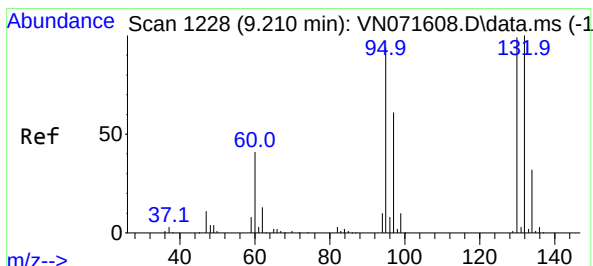
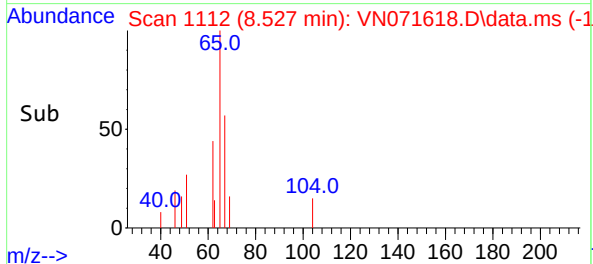
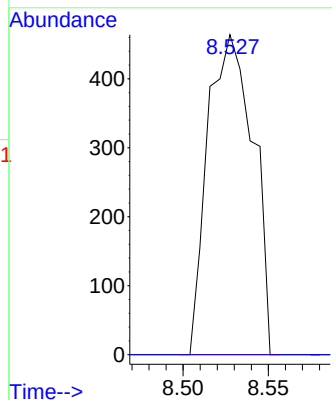
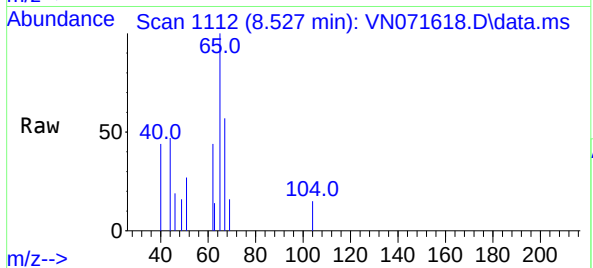




#42
1,2-Dichloroethane
Concen: 0.081 ug/l
RT: 8.527 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

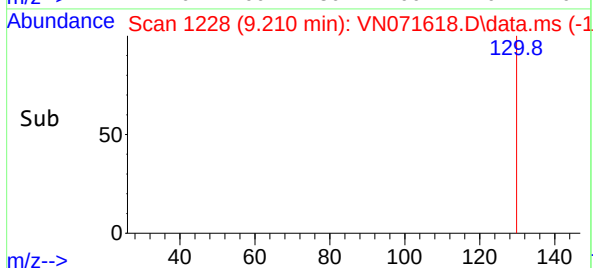
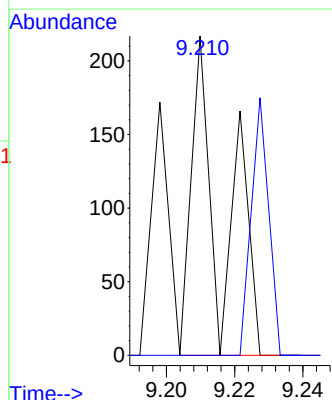
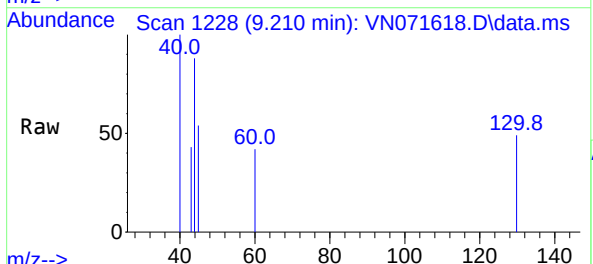
Instrument :
MSVOA_N
ClientSampleId :
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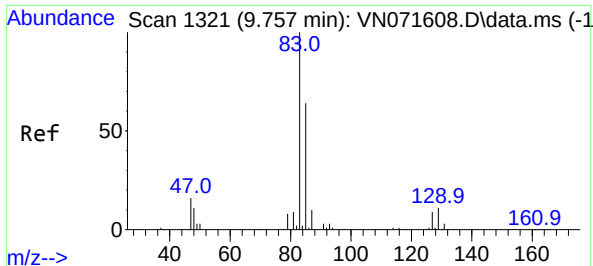
Tgt Ion: 62 Resp: 859
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#44
Trichloroethene
Concen: 0.017 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 130 Resp: 135
Ion Ratio Lower Upper
130 100
95 0.0 0.0 186.8

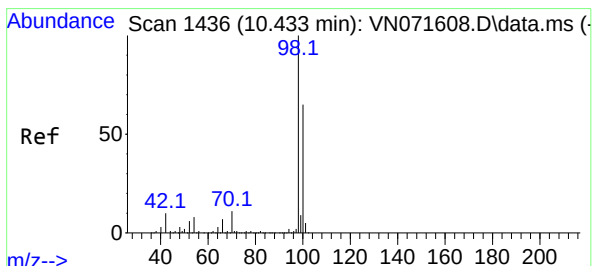
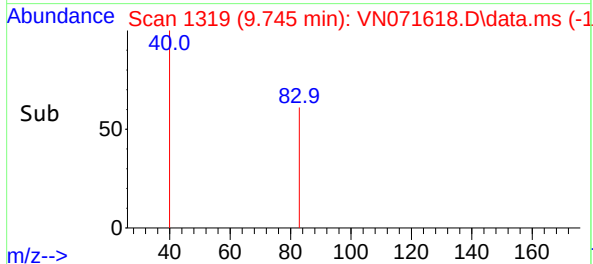
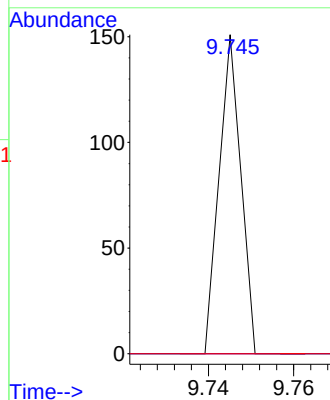
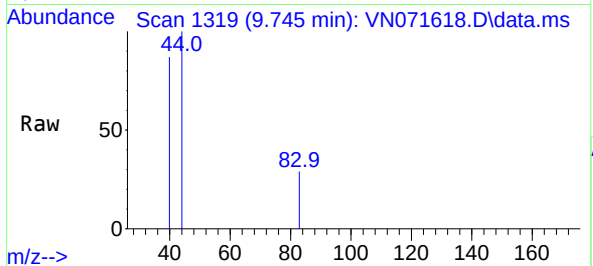




#47
Bromodichloromethane
Concen: 0.005 ug/l
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

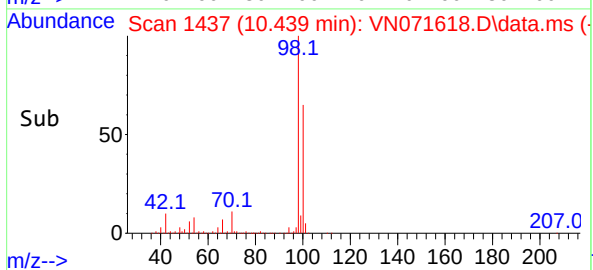
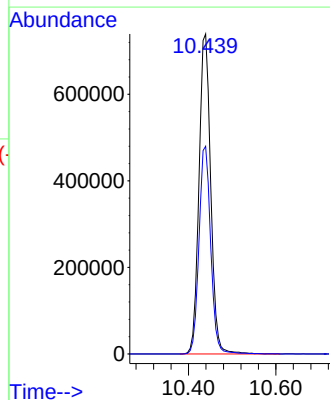
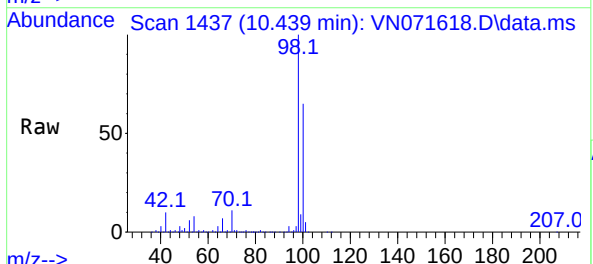
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

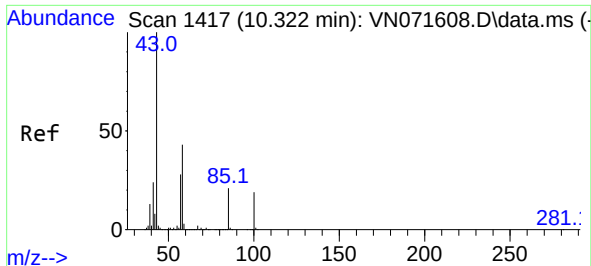
Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 48.047 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 98 Resp: 1382575
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

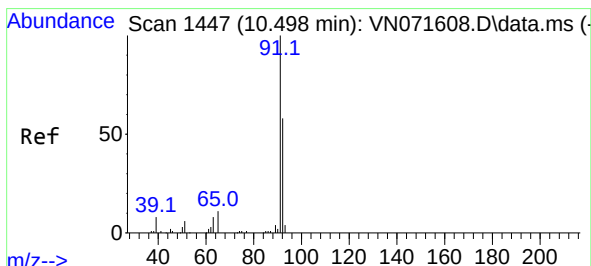
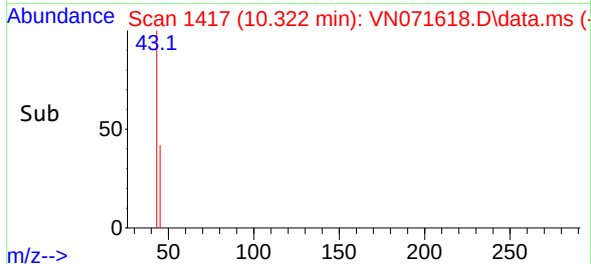
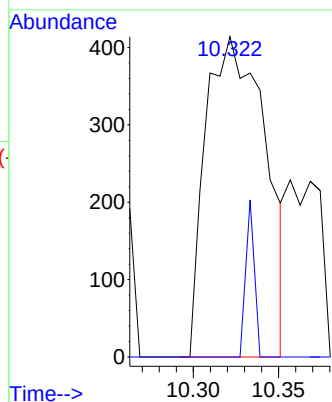
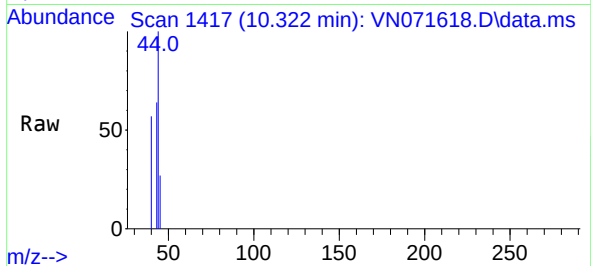




#51
4-Methyl-2-Pentanone
Concen: 0.094 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

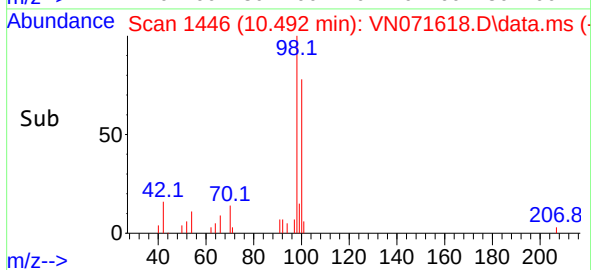
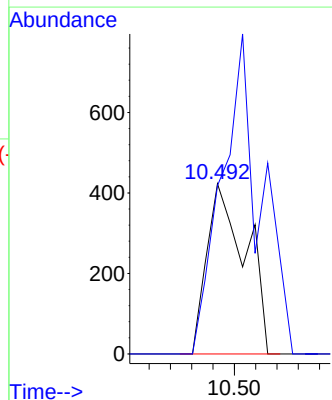
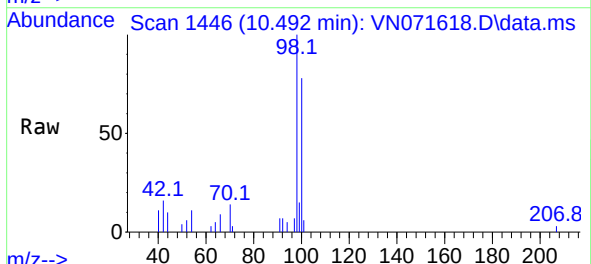
Instrument :
MSVOA_N
ClientSampleId :
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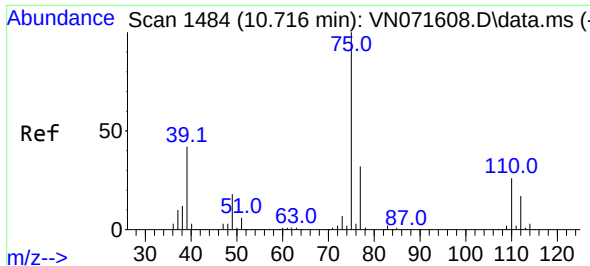
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#



#52
Toluene
Concen: 0.027 ug/l
RT: 10.492 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 92 Resp: 532
Ion Ratio Lower Upper
92 100
91 189.1 138.6 207.8

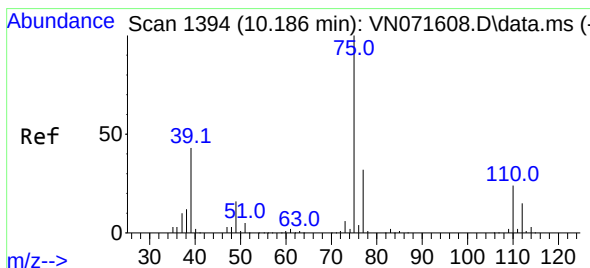
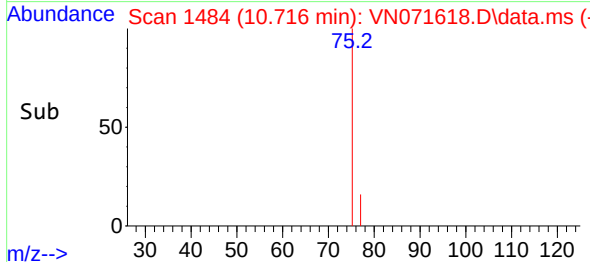
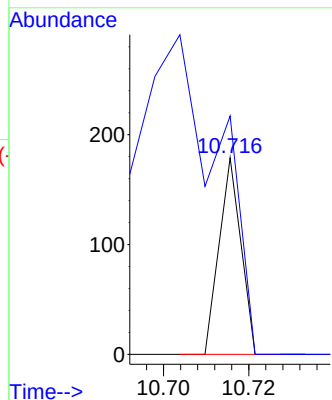
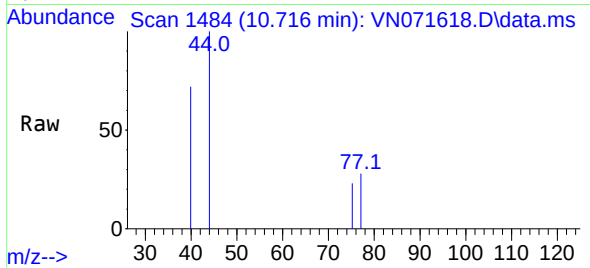




#53
t-1,3-Dichloropropene
Concen: 0.006 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

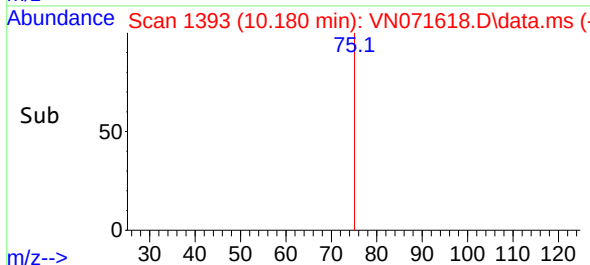
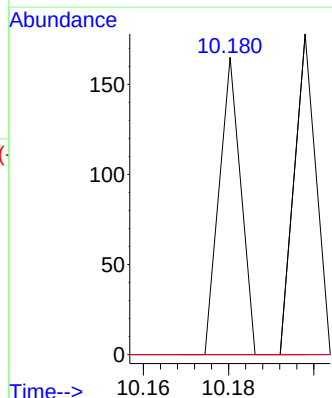
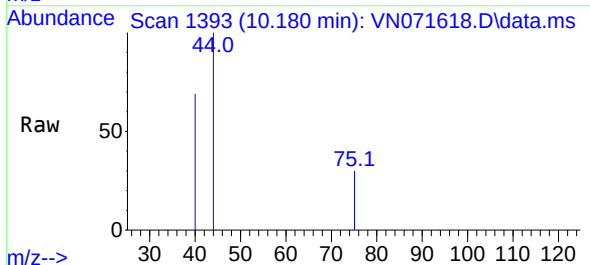
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

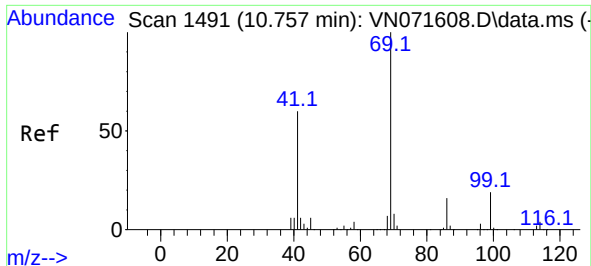
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 121.2 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 0.005 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 0.0 35.7 53.5#

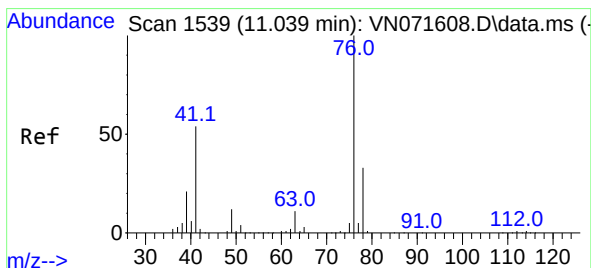
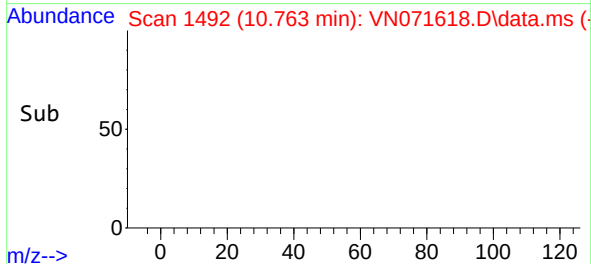
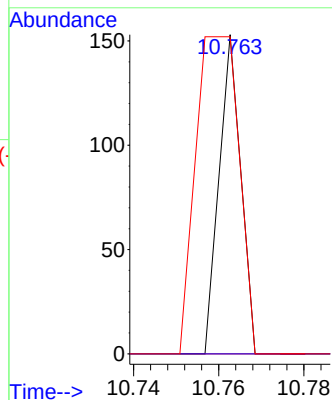
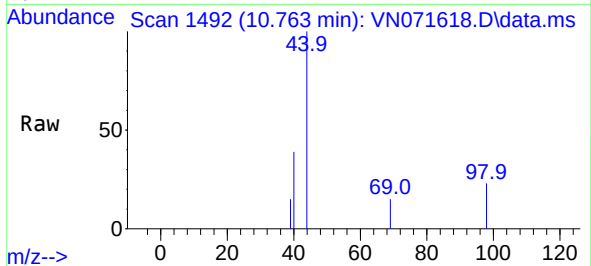




#56
Ethyl methacrylate
Concen: 0.005 ug/l
RT: 10.763 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

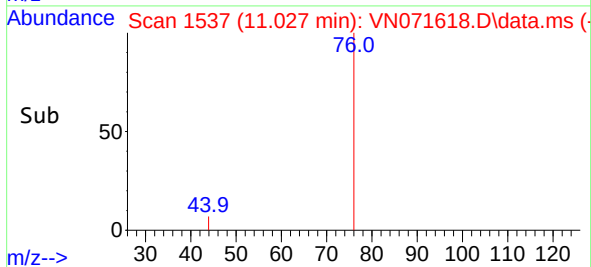
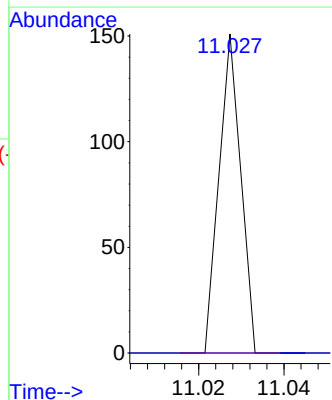
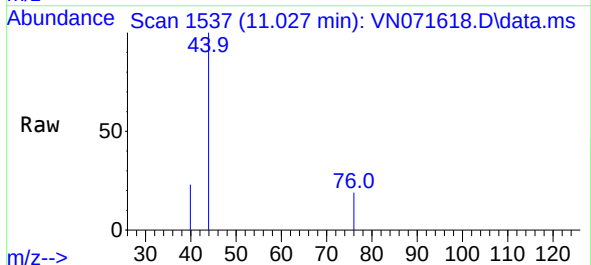
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

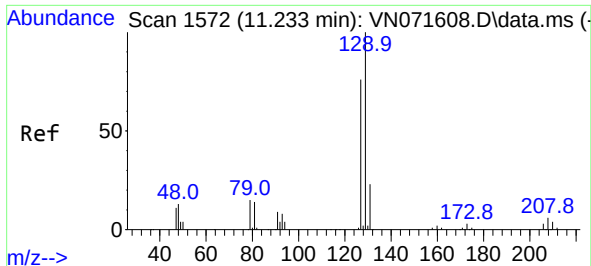
Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 198.1 27.3 40.9#



#57
1,3-Dichloropropane
Concen: 0.004 ug/l
RT: 11.027 min Scan# 1537
Delta R.T. -0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

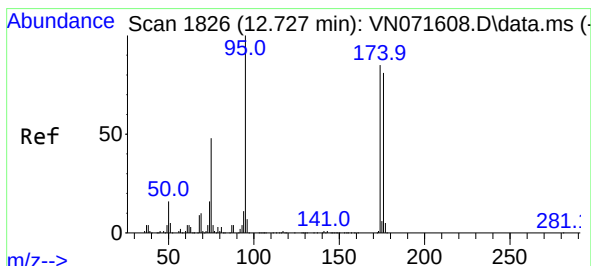
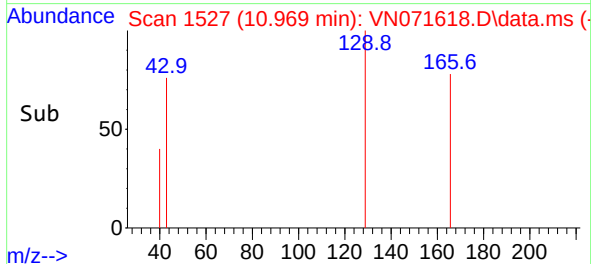
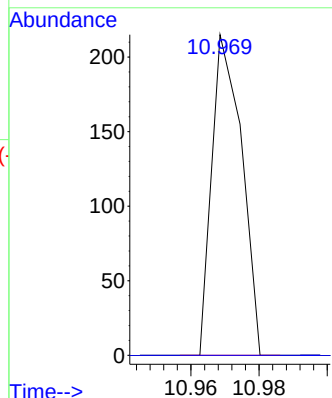
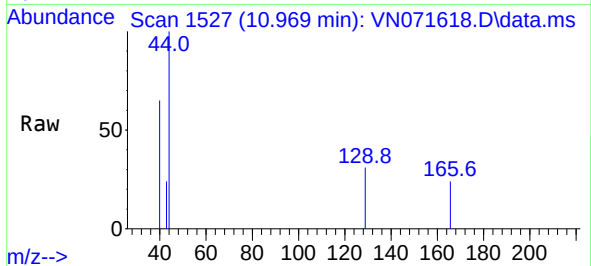




#60
Dibromochloromethane
Concen: 0.016 ug/l
RT: 10.969 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

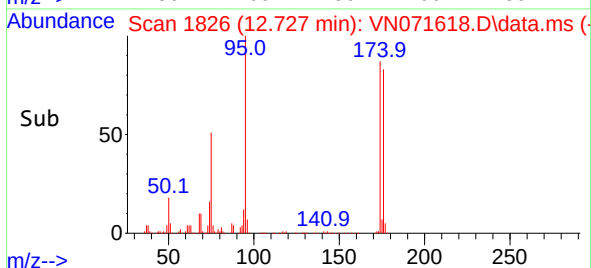
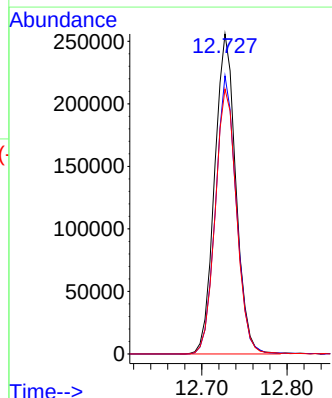
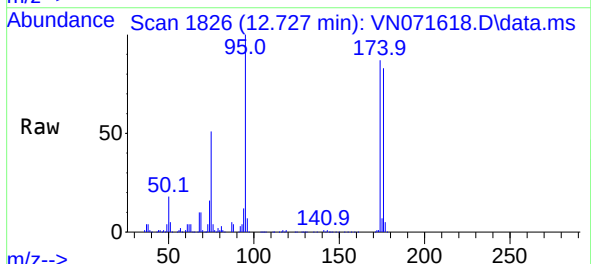
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

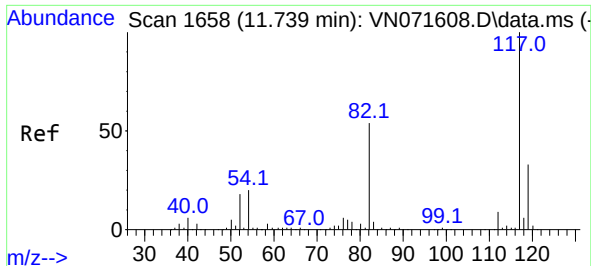
Tgt Ion:129 Resp: 131
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 47.106 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 95 Resp: 442189
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 83.5 0.0 163.4

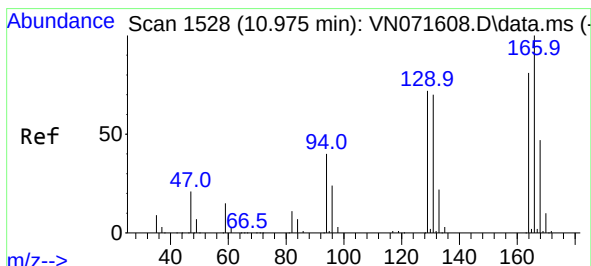
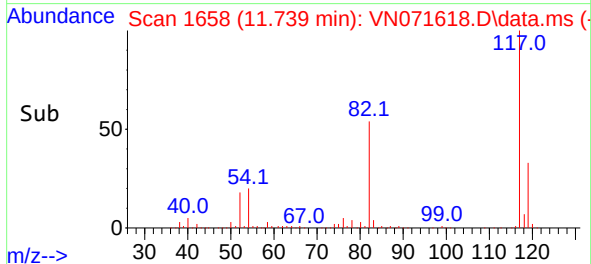
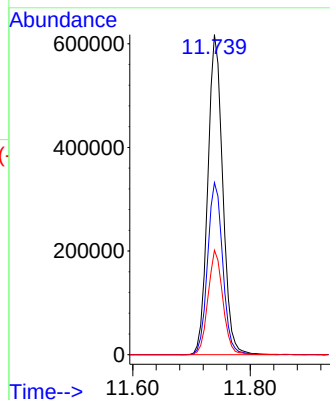
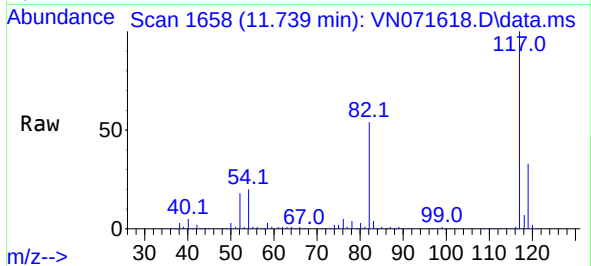




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

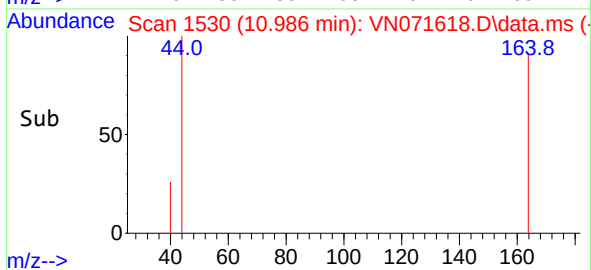
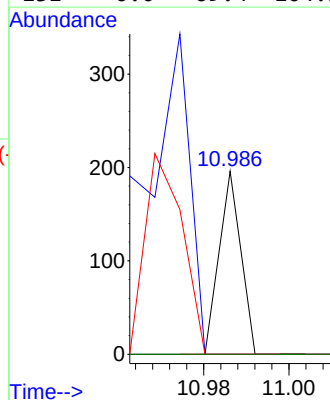
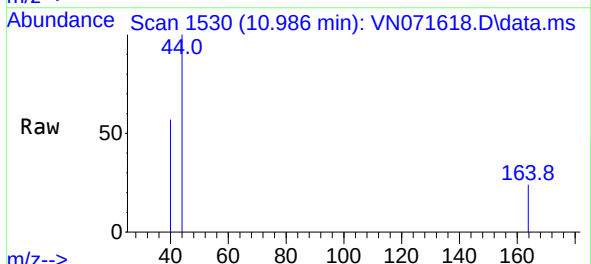
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

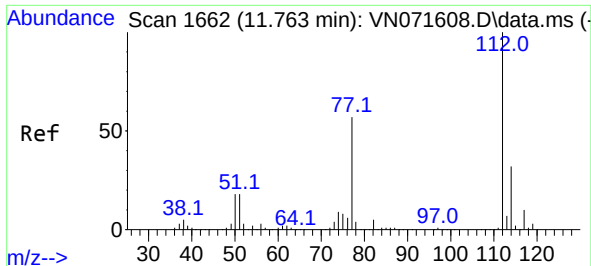
Tgt Ion:117 Resp: 1091446
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 0.009 ug/l
RT: 10.986 min Scan# 1530
Delta R.T. 0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:164 Resp: 69
Ion Ratio Lower Upper
164 100
166 0.0 104.2 156.2#
129 0.0 73.9 110.9#
131 0.0 69.4 104.2#

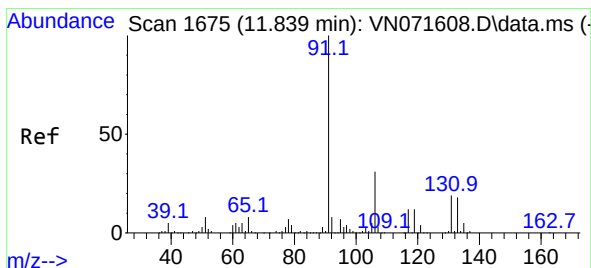
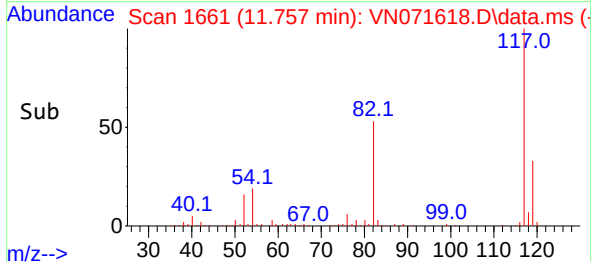
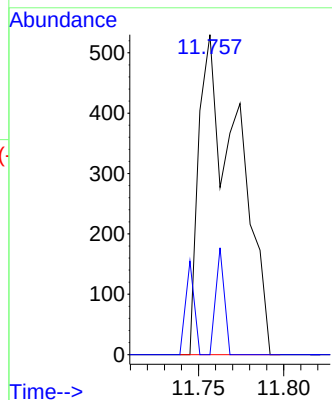
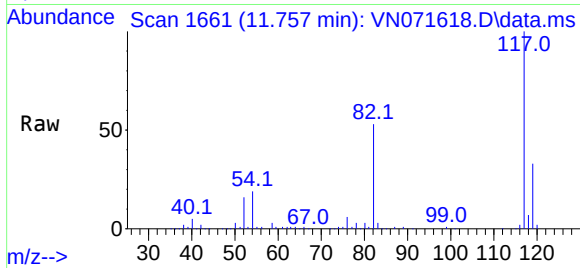




#65
Chlorobenzene
Concen: 0.037 ug/l
RT: 11.757 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

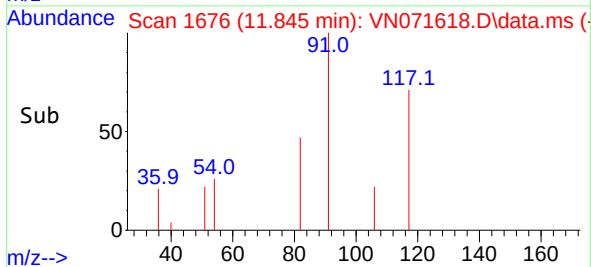
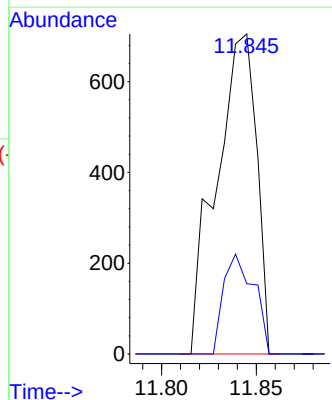
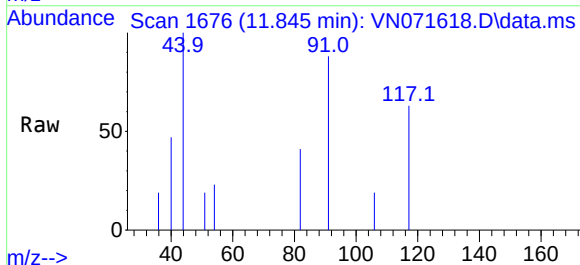
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

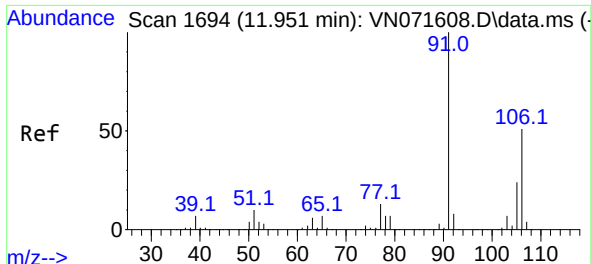
Tgt Ion:112 Resp: 841
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.026 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 91 Resp: 1041
Ion Ratio Lower Upper
91 100
106 22.0 24.9 37.3#

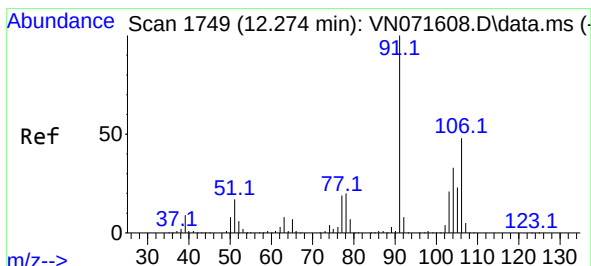
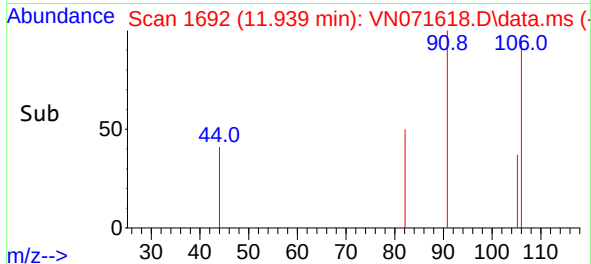
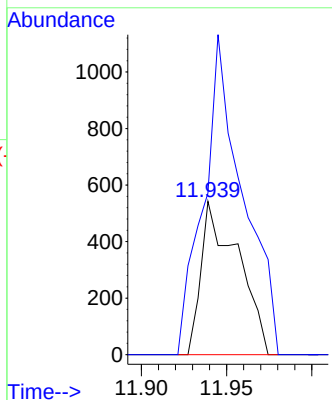
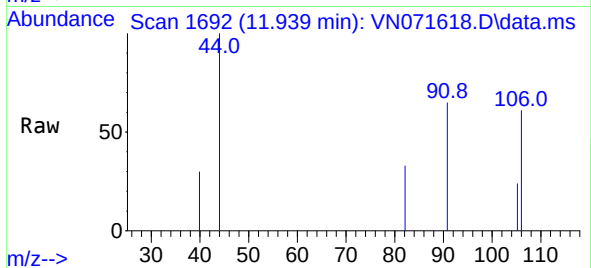




#68
m/p-Xylenes
Concen: 0.054 ug/l
RT: 11.939 min Scan# 1750
Delta R.T. -0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

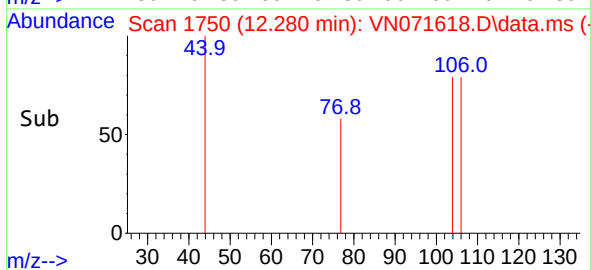
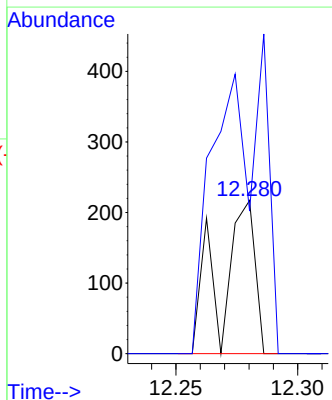
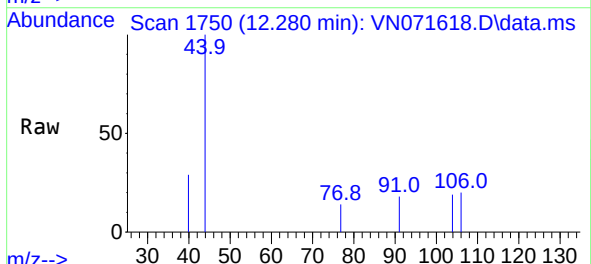
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

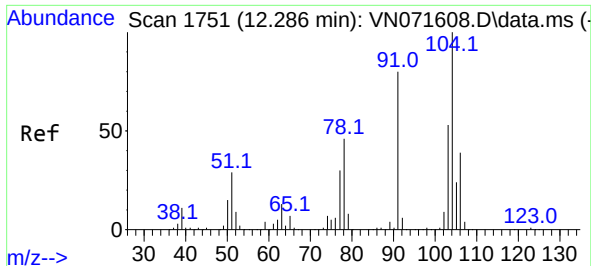
Tgt Ion:106 Resp: 814
Ion Ratio Lower Upper
106 100
91 222.2 158.9 238.3



#69
o-Xylene
Concen: 0.014 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:106 Resp: 210
Ion Ratio Lower Upper
106 100
91 276.2 106.0 318.0

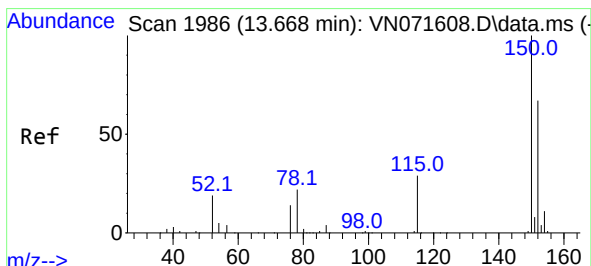
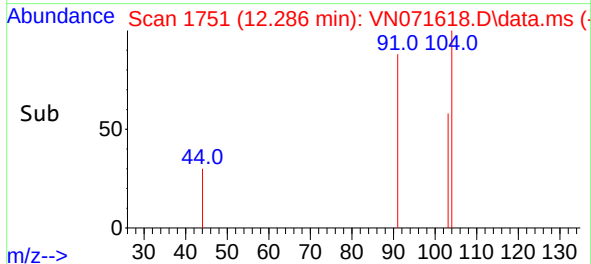
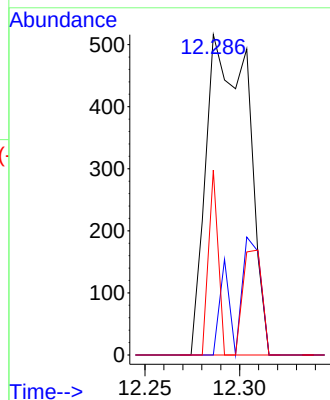
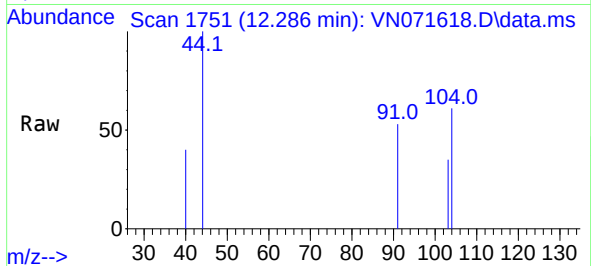




#70
Styrene
Concen: 0.035 ug/l
RT: 12.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

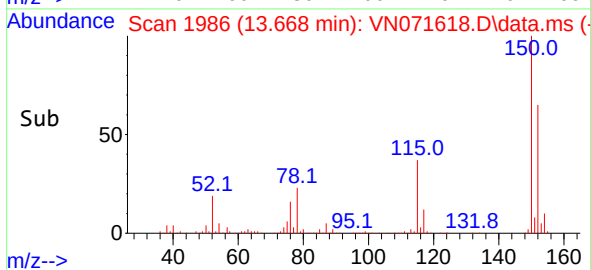
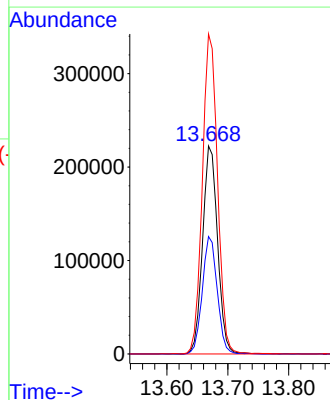
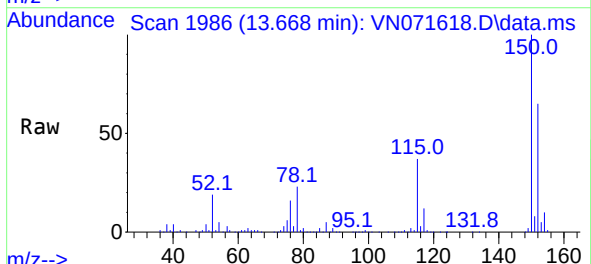
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

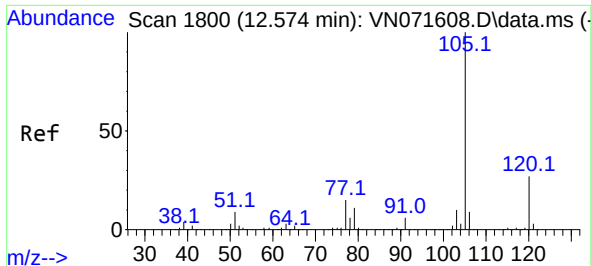
Tgt Ion:104 Resp: 796
Ion Ratio Lower Upper
104 100
78 0.0 39.5 59.3#
103 13.2 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:152 Resp: 381530
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 156.0 0.0 356.2

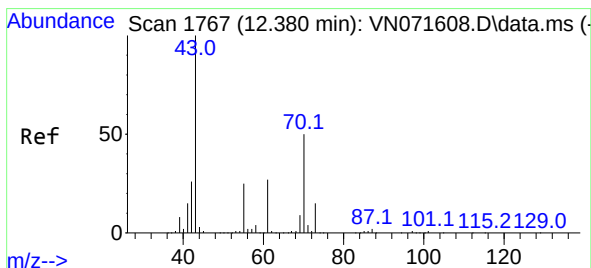
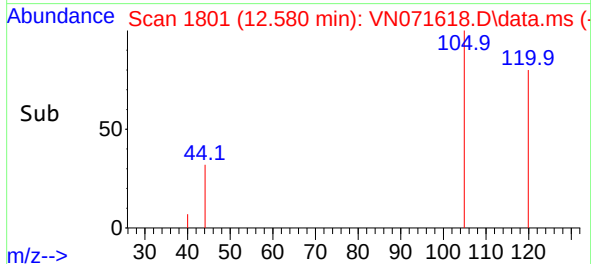
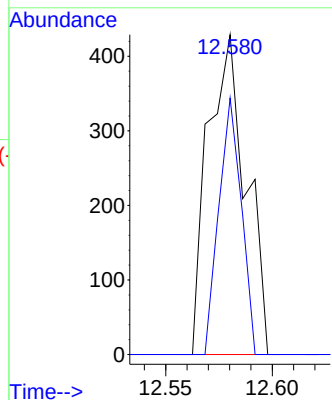
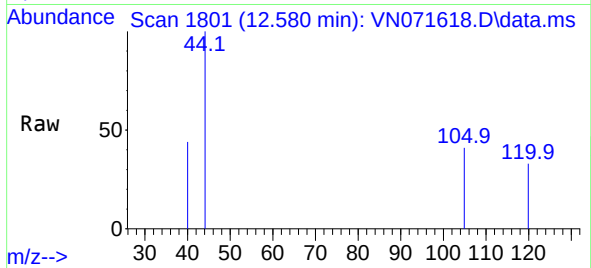




#73
Isopropylbenzene
Concen: 0.016 ug/l
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

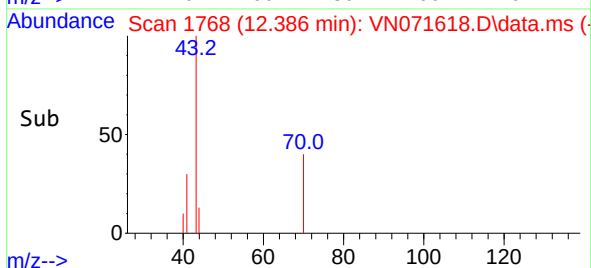
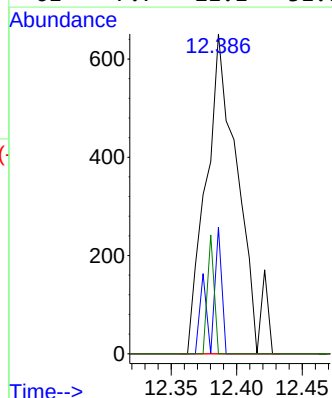
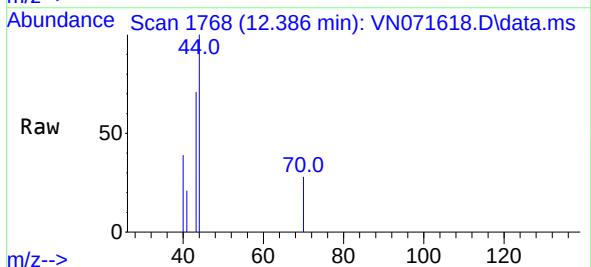
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

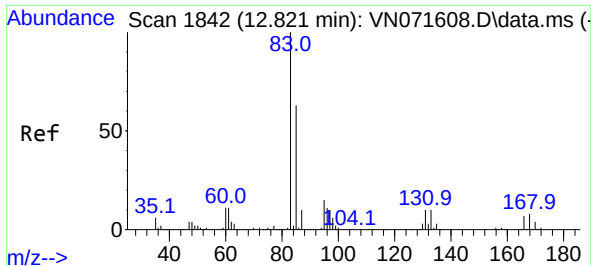
Tgt Ion:105 Resp: 531
Ion Ratio Lower Upper
105 100
120 47.5 13.5 40.4#



#74
N-ethyl acetate
Concen: 0.109 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
70 13.5 39.0 58.4#
55 0.0 21.1 31.7#
61 7.7 21.1 31.7#

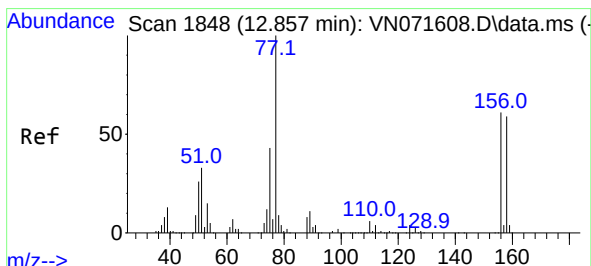
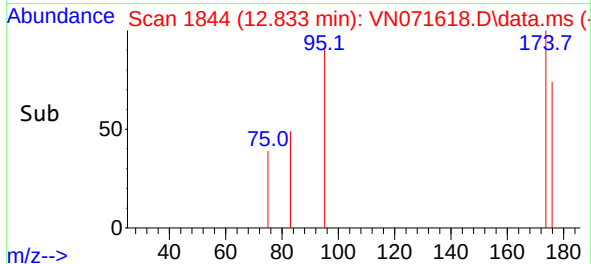
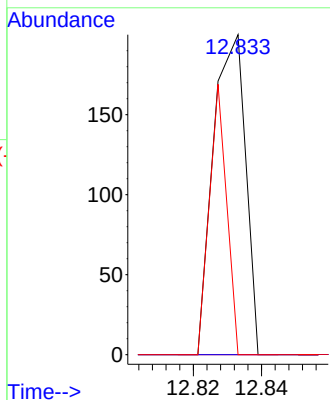
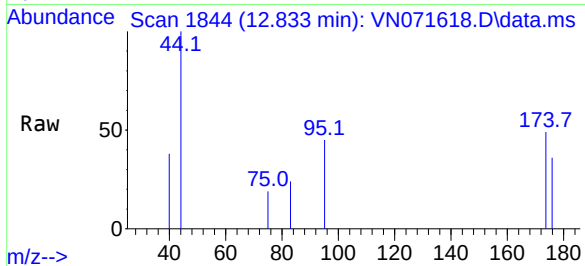




#75
1,1,2-Tetrachloroethane
Concen: 0.012 ug/l
RT: 12.833 min Scan# 1844
Delta R.T. 0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

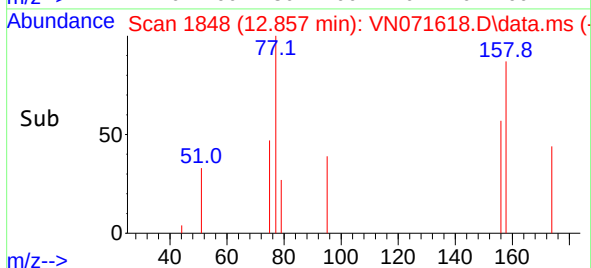
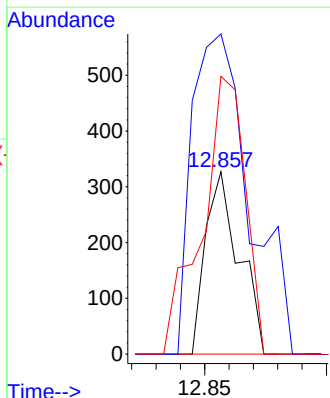
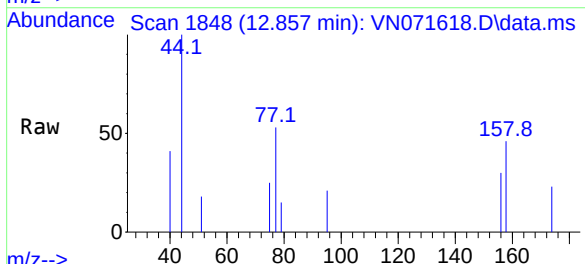
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

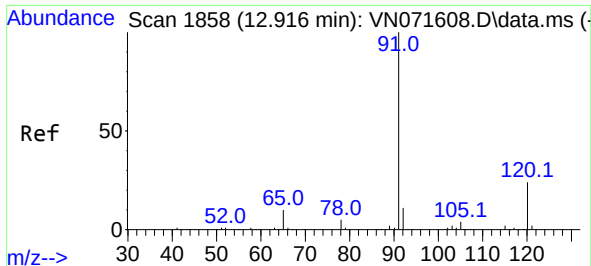
Tgt Ion: 83 Resp: 131
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 45.8 32.3 96.9



#77
Bromobenzene
Concen: 0.037 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 156 Resp: 313
Ion Ratio Lower Upper
156 100
77 301.6 100.5 301.5#
158 196.8 48.9 146.6#

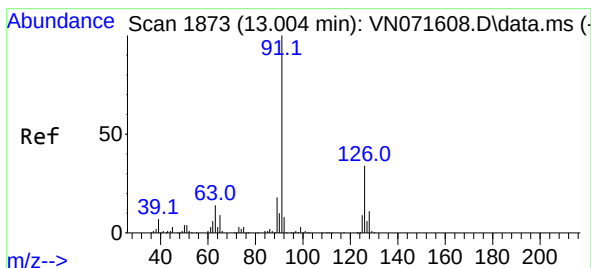
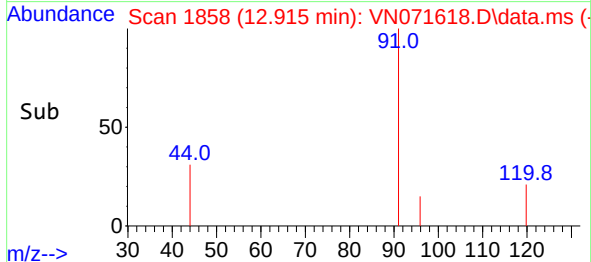
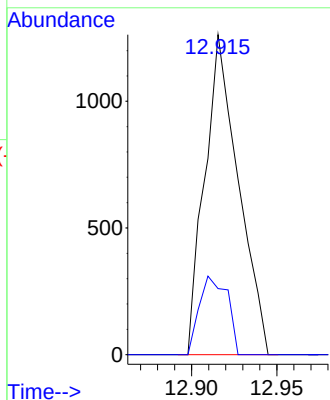
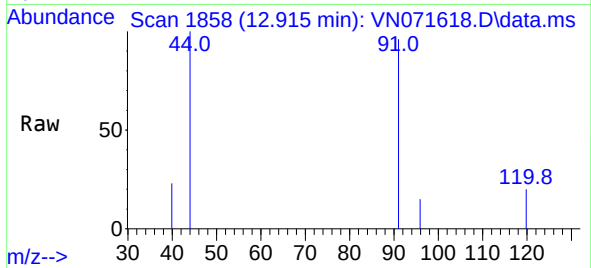




#78
n-propylbenzene
Concen: 0.048 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

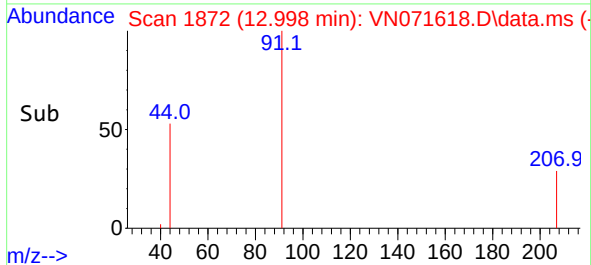
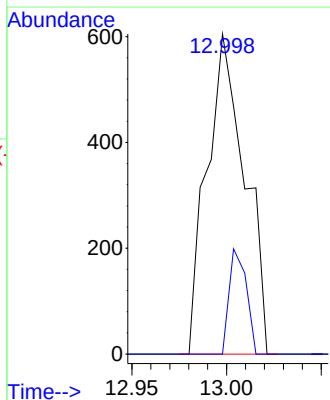
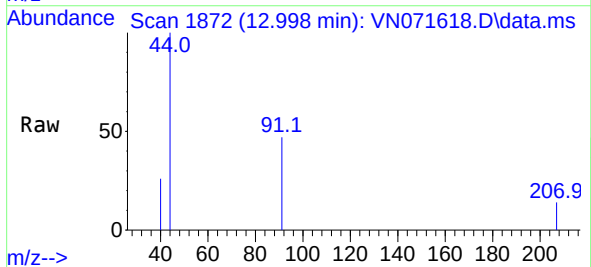
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

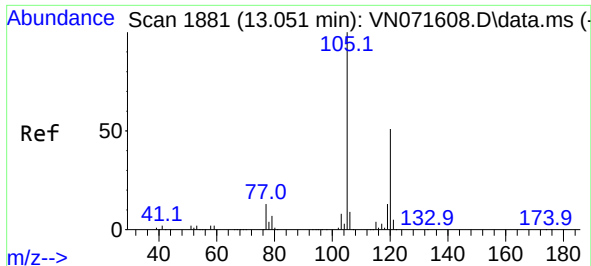
Tgt Ion: 91 Resp: 1733
Ion Ratio Lower Upper
91 100
120 20.4 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.037 ug/l
RT: 12.998 min Scan# 1872
Delta R.T. -0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 91 Resp: 841
Ion Ratio Lower Upper
91 100
126 14.7 17.3 51.9#

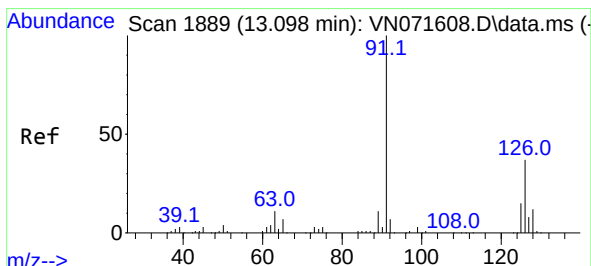
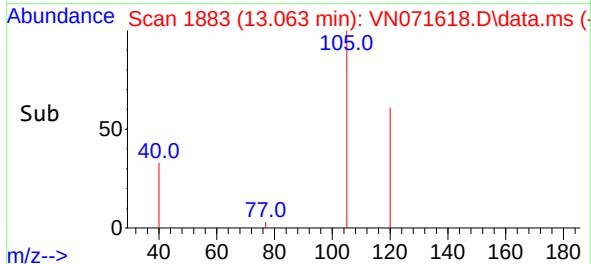
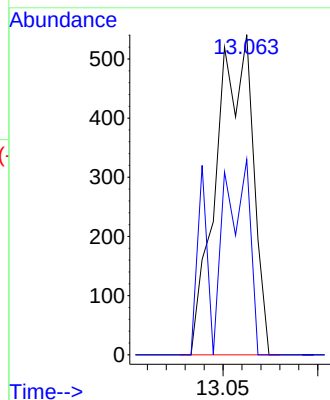
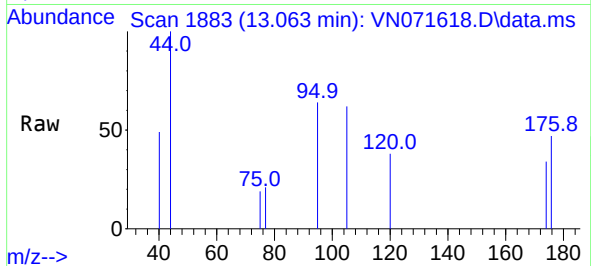




#80
1,3,5-Trimethylbenzene
Concen: 0.027 ug/l
RT: 13.063 min Scan# 1883
Delta R.T. 0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

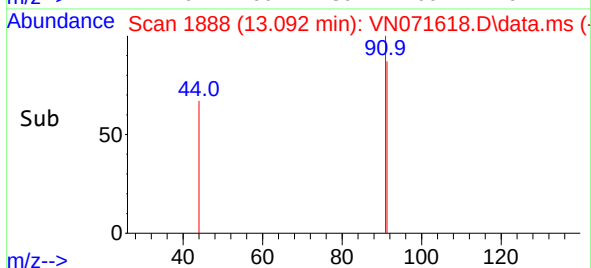
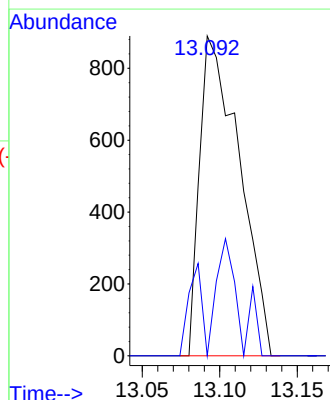
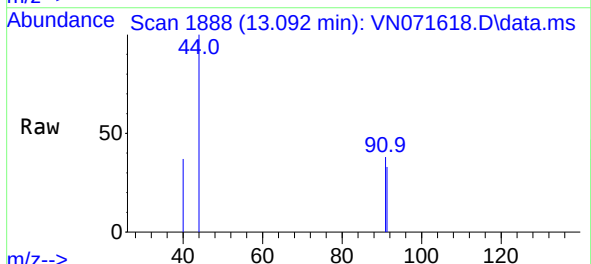
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

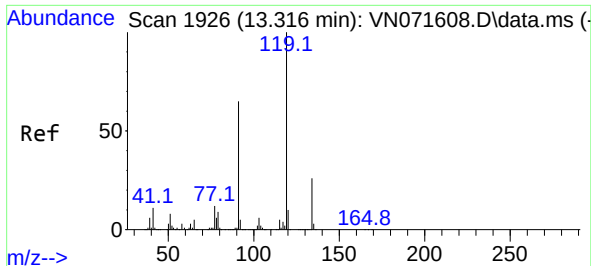
Tgt Ion:105 Resp: 721
Ion Ratio Lower Upper
105 100
120 41.2 24.9 74.7



#82
4-Chlorotoluene
Concen: 0.075 ug/l
RT: 13.092 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 91 Resp: 1586
Ion Ratio Lower Upper
91 100
126 9.6 17.2 51.6#

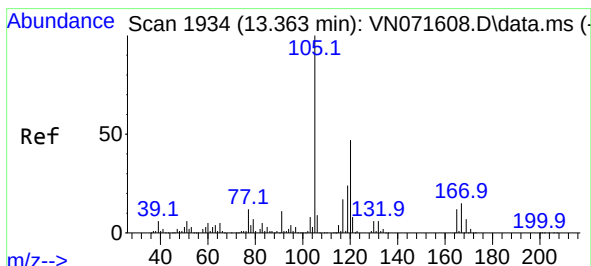
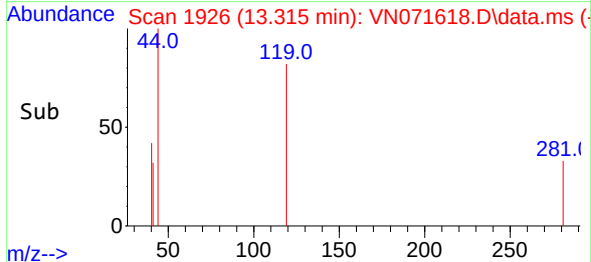
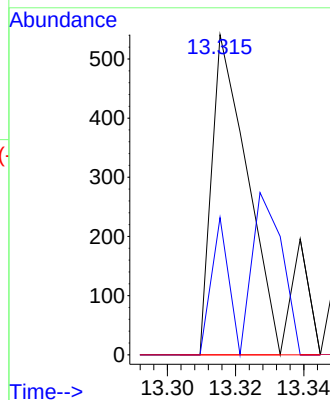
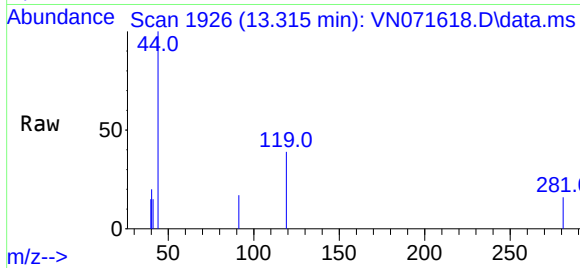




#83
tert-Butylbenzene
Concen: 0.016 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

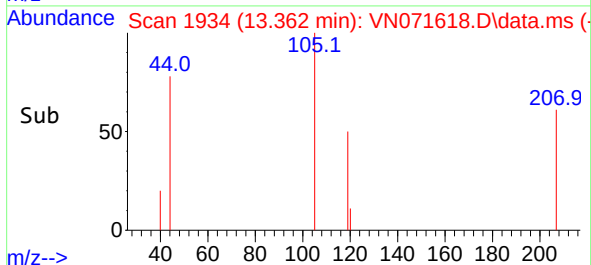
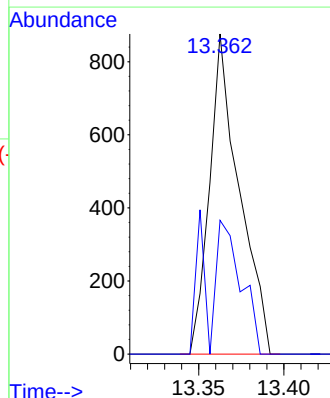
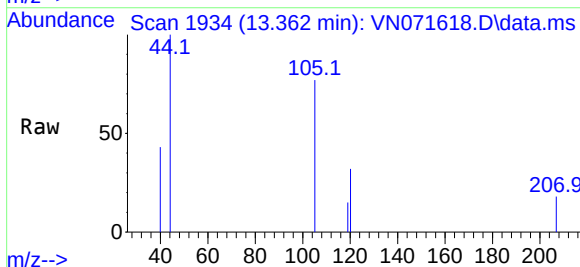
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

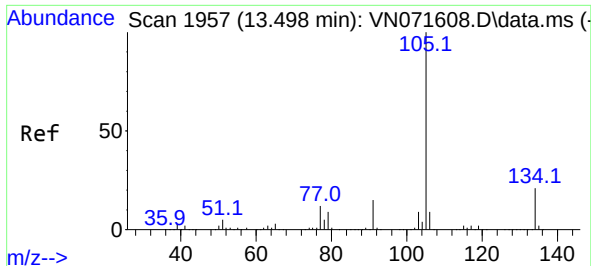
Tgt Ion:119 Resp: 391
Ion Ratio Lower Upper
119 100
91 63.7 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.041 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:105 Resp: 1063
Ion Ratio Lower Upper
105 100
120 34.8 23.3 69.8

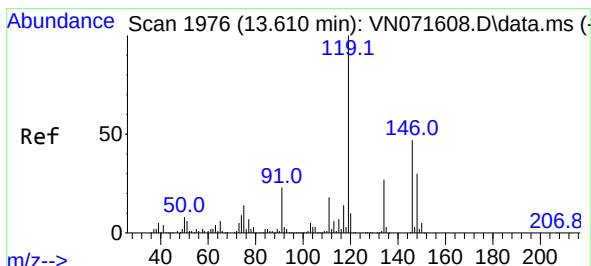
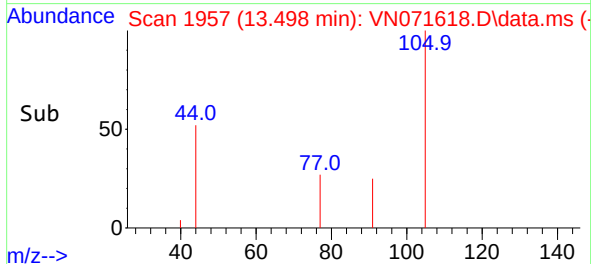
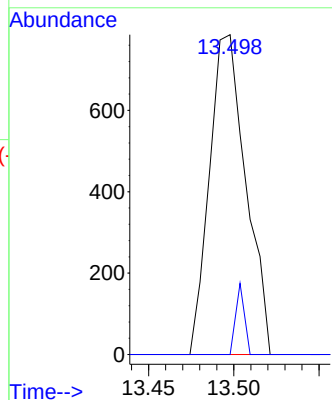
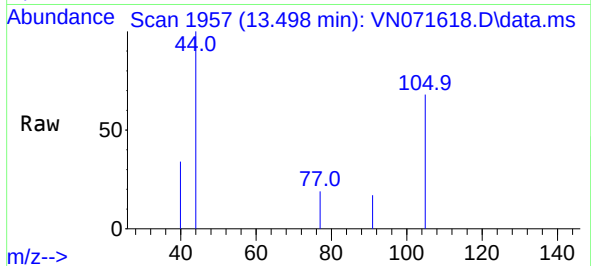




#85
 sec-Butylbenzene
 Concen: 0.037 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

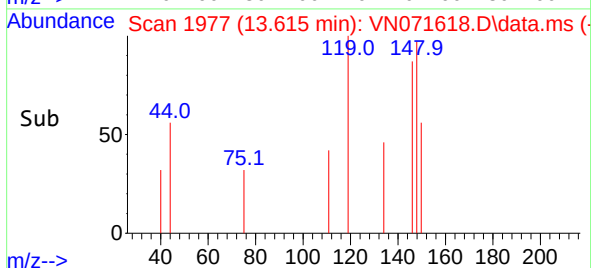
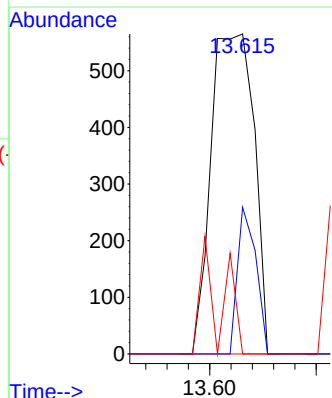
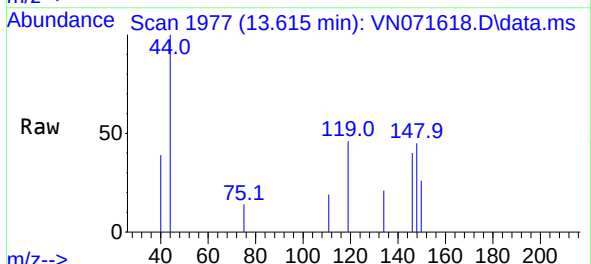
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-6

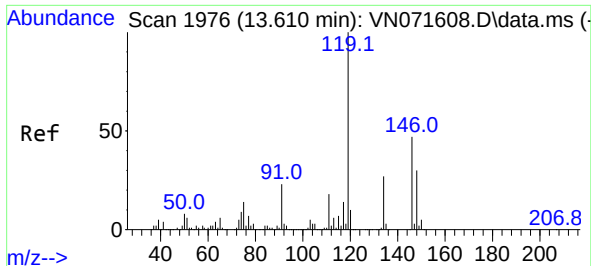
Tgt Ion:105 Resp: 1169
 Ion Ratio Lower Upper
 105 100
 134 5.3 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.031 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN071618.D
 Acq: 28 Mar 2022 21:33

Tgt Ion:119 Resp: 793
 Ion Ratio Lower Upper
 119 100
 134 19.7 13.3 39.8
 91 17.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.076 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071618.D

Acq: 28 Mar 2022 21:33

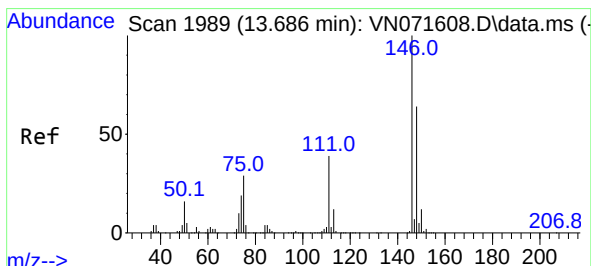
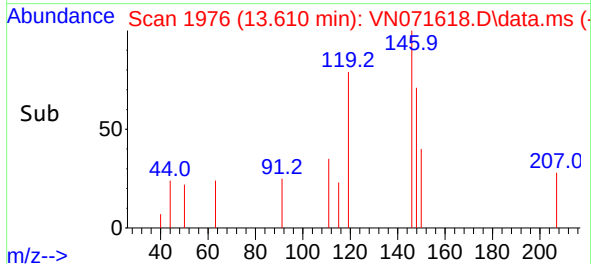
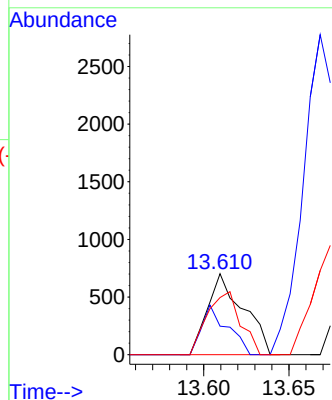
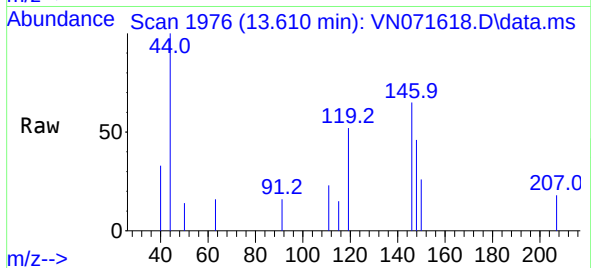
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion:146	Resp:	1029
Ion	Ratio	Lower Upper
146	100	
111	43.7	20.0 60.0
148	72.1	32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.077 ug/l

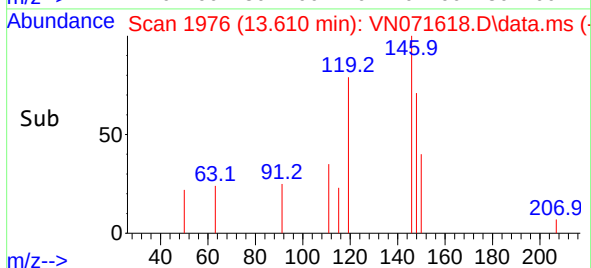
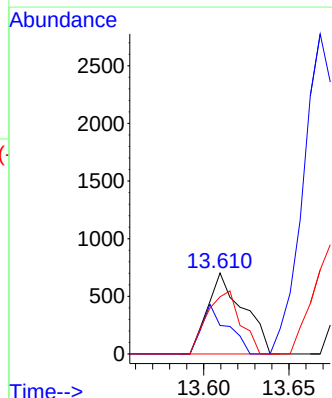
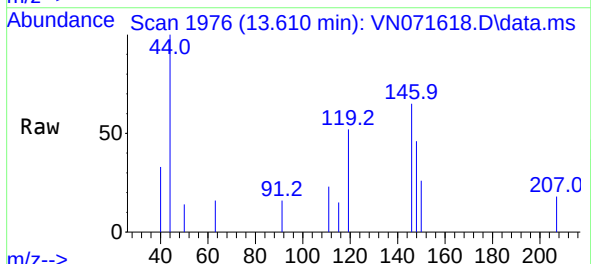
RT: 13.610 min Scan# 1976

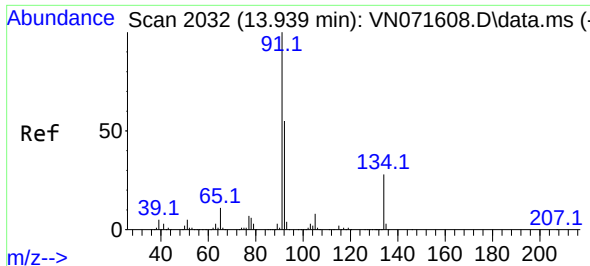
Delta R.T. -0.077 min

Lab File: VN071618.D

Acq: 28 Mar 2022 21:33

Tgt Ion:146	Resp:	1029
Ion	Ratio	Lower Upper
146	100	
111	43.7	19.1 57.1
148	72.1	31.4 94.3

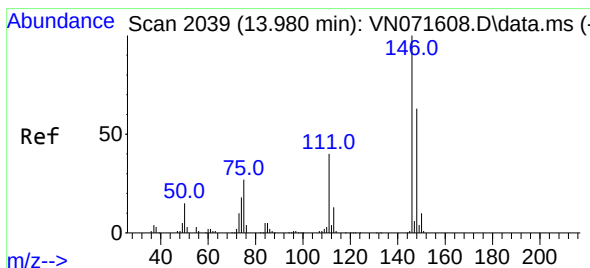
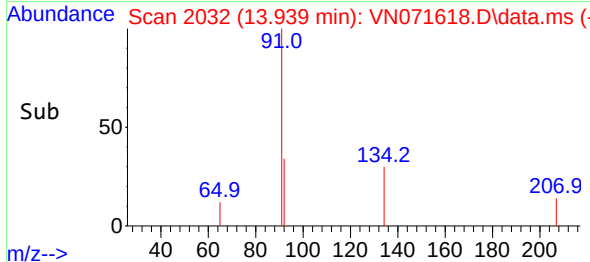
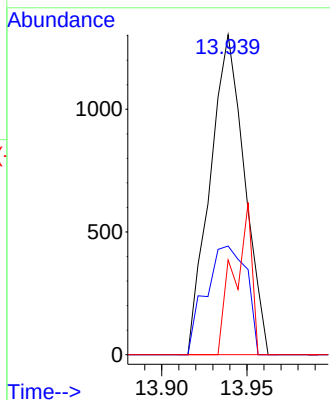
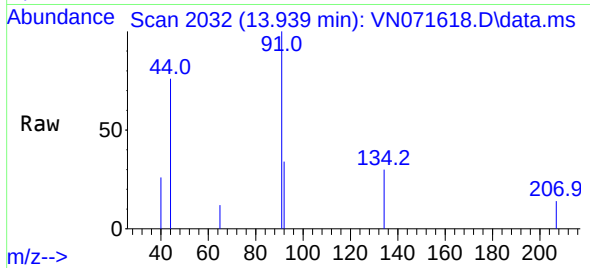




#89
n-Butylbenzene
Concen: 0.096 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

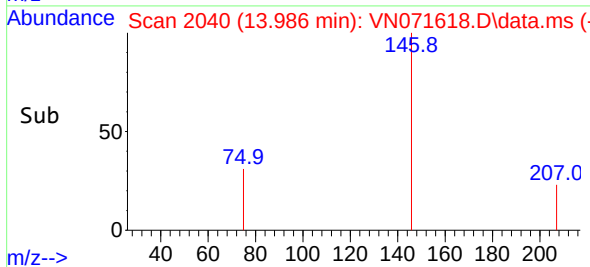
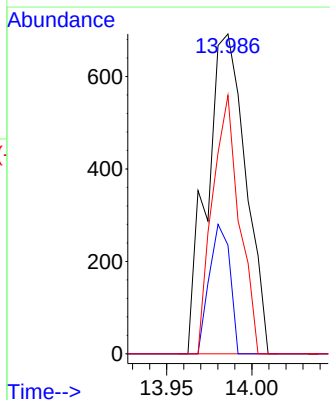
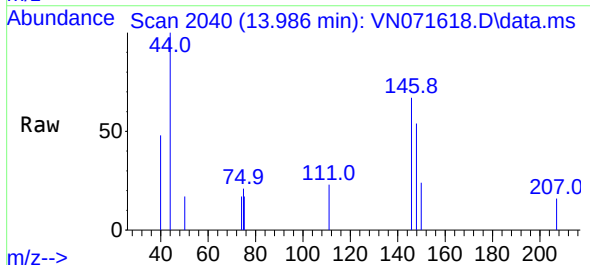
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

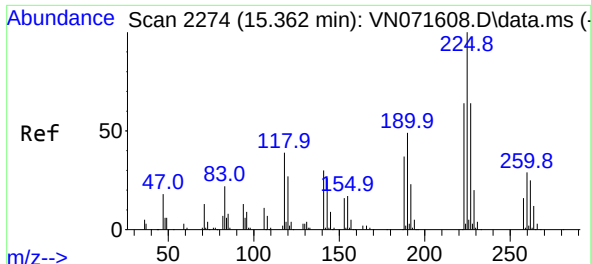
Tgt Ion:	91	Resp:	1836
Ion	Ratio	Lower	Upper
91	100		
92	40.1	26.9	80.7
134	24.5	13.6	40.8



#91
1,2-Dichlorobenzene
Concen: 0.083 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:	146	Resp:	1096
Ion	Ratio	Lower	Upper
146	100		
111	21.5	20.9	62.8
148	56.0	32.1	96.3

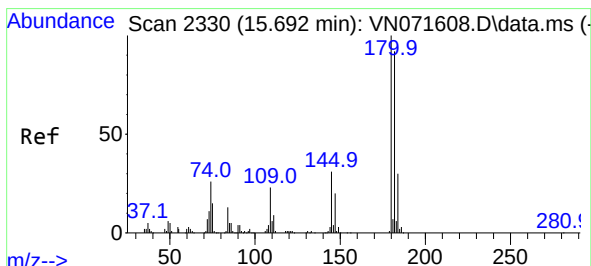
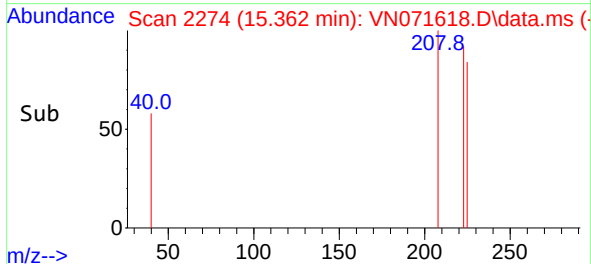
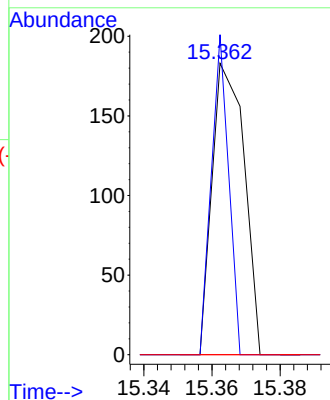
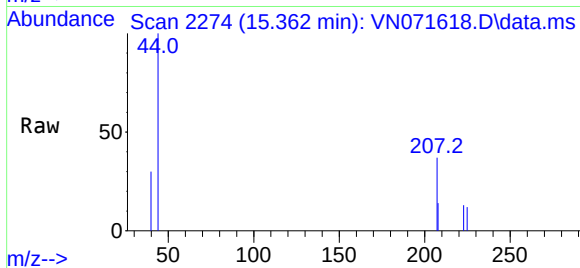




#94
Hexachlorobutadiene
Concen: 0.032 ug/l
RT: 15.362 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

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

Tgt Ion:	225	Resp:	120
Ion	Ratio	Lower	Upper
225	100		
223	59.2	32.4	97.2
227	0.0	31.8	95.4#



#96
1,2,3-Trichlorobenzene
Concen: 0.155 ug/l
RT: 15.709 min Scan# 2333
Delta R.T. 0.018 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:	180	Resp:	907
Ion	Ratio	Lower	Upper
180	100		
182	111.9	47.8	143.3
145	19.4	15.5	46.5

