

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067620.D
 Acq On : 2 Jul 2021 16:40
 Operator : JC/MD
 Sample : M2852-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE-WC-D

Quant Time: Jul 05 05:02:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	382631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	695149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	695150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	255040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277541	48.473	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.940%
35) Dibromofluoromethane	8.024	113	209568	48.742	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.480%
50) Toluene-d8	10.443	98	901637	49.687	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.736	95	308386	47.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.280%

Target Compounds			Qvalue			
3) Chloromethane	2.298	50	1098	0.209	ug/l	97
13) Acrolein	4.044	56	151	0.233	ug/l	# 1
16) Acetone	4.293	43	22370	12.324	ug/l	90
18) Methyl Acetate	4.862	43	1767	0.382	ug/l	# 87
20) Methylene Chloride	5.092	84	123036	27.188	ug/l	95
25) 2-Butanone	7.348	43	5531	1.888	ug/l	98
29) Tetrahydrofuran	7.699	42	1459	0.748	ug/l	# 66
31) Cyclohexane	8.088	56	10343	1.306	ug/l	# 18
36) 1,1-Dichloropropene	8.086	75	34146	5.208	ug/l	# 46
38) Carbon Tetrachloride	8.086	117	41836	6.331	ug/l	# 18
43) Isopropyl Acetate	8.566	43	47504	4.329	ug/l	# 91
45) 1,2-Dichloropropane	9.622	63	3005	0.623	ug/l	# 44
48) Methyl methacrylate	9.547	41	10776	2.233	ug/l	# 13
49) 1,4-Dioxane	9.574	88	25	0.292	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.336	43	10793	1.609	ug/l	# 86
53) t-1,3-Dichloropropene	10.725	75	321	1.757	ug/l	# 74
54) cis-1,3-Dichloropropene	10.247	75	78732	10.228	ug/l	# 60
57) 1,3-Dichloropropane	11.095	76	47021	5.694	ug/l	# 43
58) 2-Chloroethyl Vinyl ether	10.062	63	26	20.817	ug/l	# 50
59) 2-Hexanone	11.095	43	712038	151.409	ug/l	# 54
60) Dibromochloromethane	11.221	129	116	2.066	ug/l	58
68) m/p-Xylenes	11.958	106	2783	0.281	ug/l	78
70) Styrene	12.299	104	2781	1.496	ug/l	# 80
71) Bromoform	12.446	173	182	3.392	ug/l	# 29
74) N-amyl acetate	12.390	43	4995	0.669	ug/l	# 81
76) 1,2,3-Trichloropropane	12.733	75	170623	33.451	ug/l	# 100
78) n-propylbenzene	12.921	91	7217	0.306	ug/l	92
79) 2-Chlorotoluene	13.106	91	4866	0.336	ug/l	94
80) 1,3,5-Trimethylbenzene	13.066	105	3929	0.230	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.733	75	170623	100.869	ug/l	# 6
82) 4-Chlorotoluene	13.106	91	4866	0.342	ug/l	95
85) sec-Butylbenzene	13.503	105	4308	0.217	ug/l	# 69
86) p-Isopropyltoluene	13.616	119	5584	0.350	ug/l	85
87) 1,3-Dichlorobenzene	13.616	146	4260	0.495	ug/l	86
88) 1,4-Dichlorobenzene	13.616	146	4260	0.496	ug/l	87
89) n-Butylbenzene	13.948	91	7259	0.546	ug/l	87

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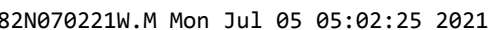
Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE-WC-D

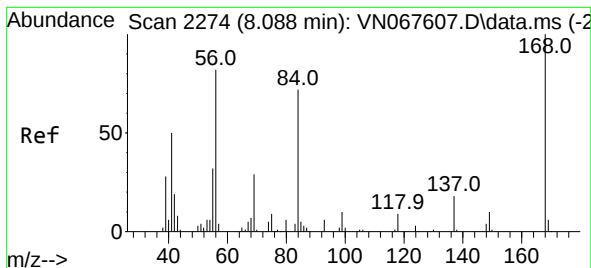
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 QLast Update : Fri Jul 02 12:55:54 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.991	146	3715	0.442	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	334	0.332	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	4980	1.402	ug/l	95
94) Hexachlorobutadiene	15.378	225	640	0.383	ug/l	90
95) Naphthalene	15.509	128	30827	6.836	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.705	180	5916	1.801	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.002 min

Lab File: VN067620.D

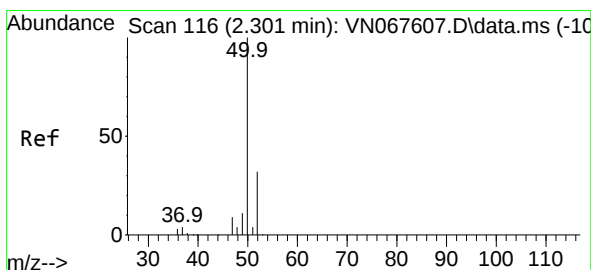
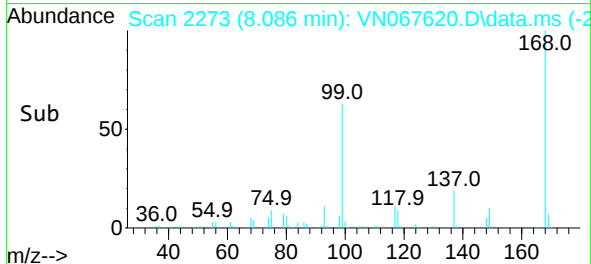
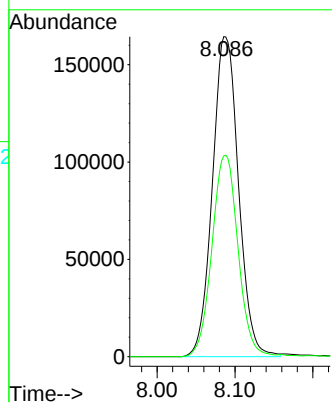
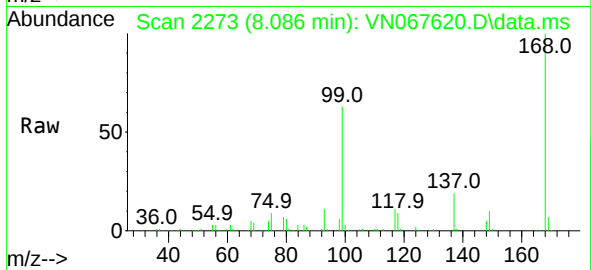
Acq: 2 Jul 2021 16:40

Tgt Ion:168 Resp: 382631

Ion Ratio Lower Upper

168 100

99 62.7 62.9 94.3#



#3

Chloromethane

Concen: 0.209 ug/l

RT: 2.298 min Scan# 115

Delta R.T. -0.003 min

Lab File: VN067620.D

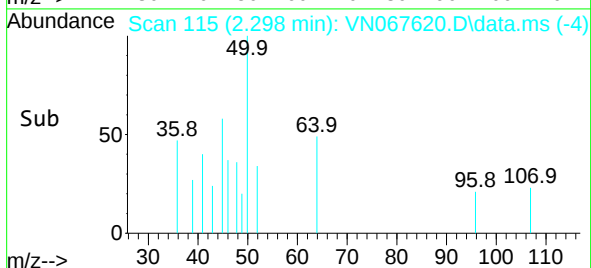
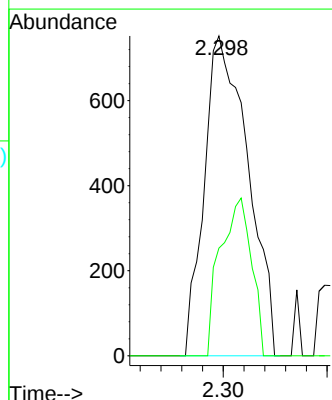
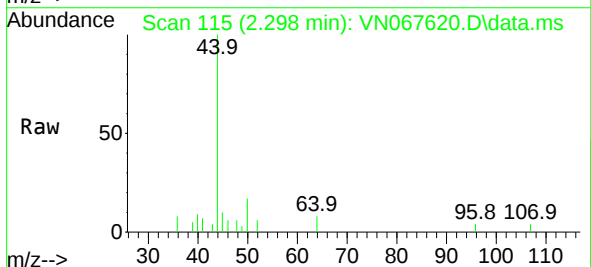
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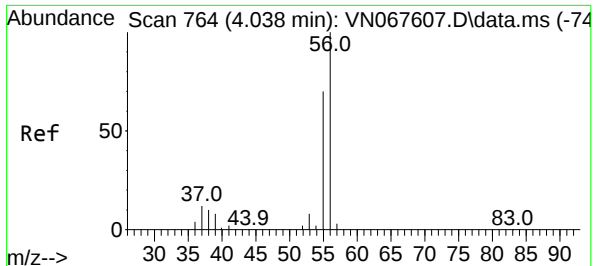
Tgt Ion: 50 Resp: 1098

Ion Ratio Lower Upper

50 100

52 33.6 25.6 38.4

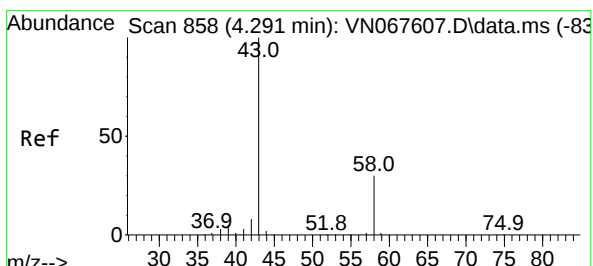
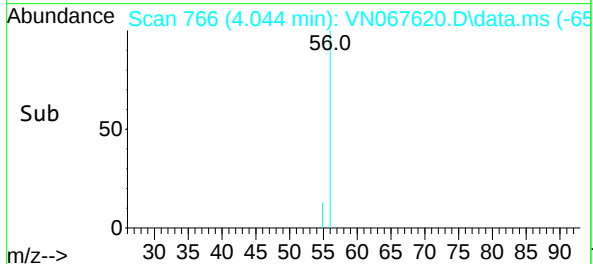
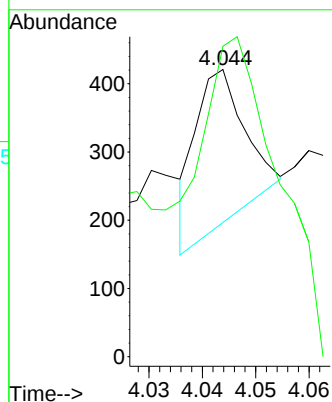
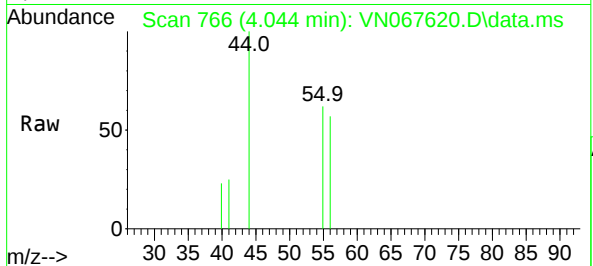




#13
Acrolein
Concen: 0.233 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

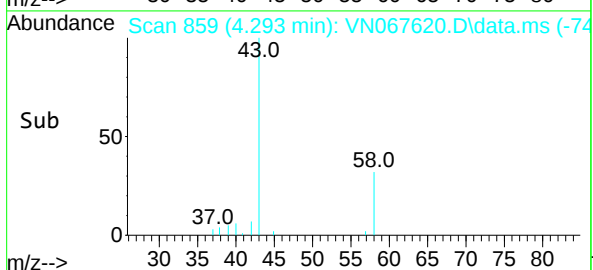
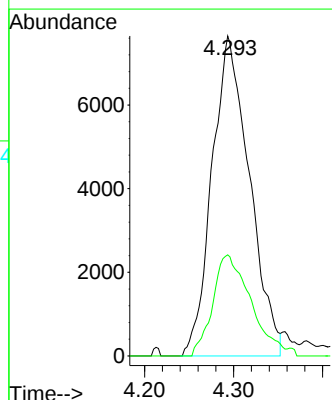
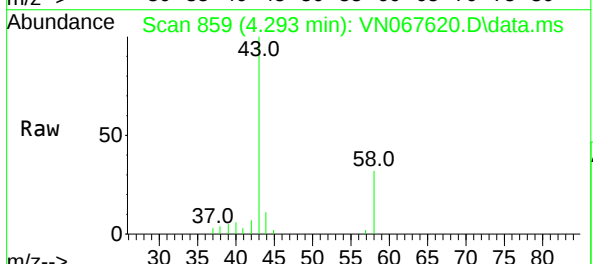
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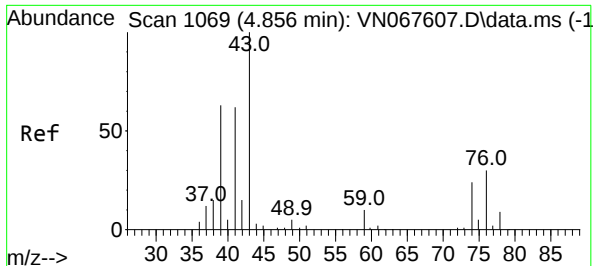
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 333.1 57.4 86.0#



#16
Acetone
Concen: 12.324 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 43 Resp: 22370
Ion Ratio Lower Upper
43 100
58 31.6 21.2 31.8





#18

Methyl Acetate

Concen: 0.382 ug/l

RT: 4.862 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN067620.D

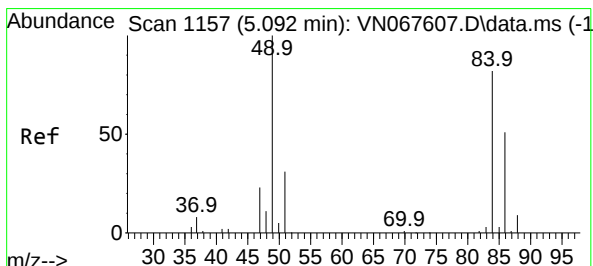
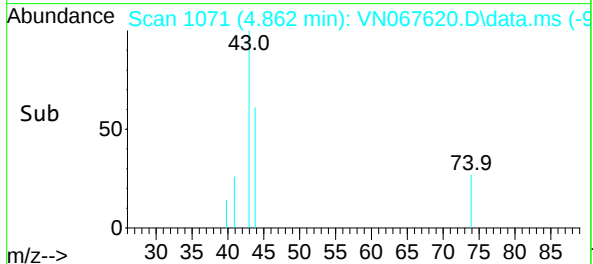
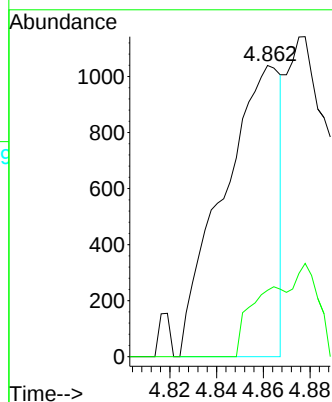
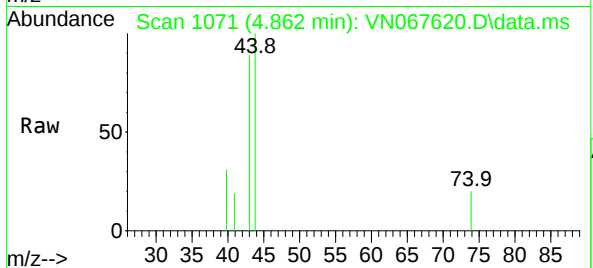
Acq: 2 Jul 2021 16:40

Tgt Ion: 43 Resp: 1767

Ion Ratio Lower Upper

43 100

74 15.5 17.4 26.0#



#20

Methylene Chloride

Concen: 27.188 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN067620.D

Acq: 2 Jul 2021 16:40

Tgt Ion: 84 Resp: 123036

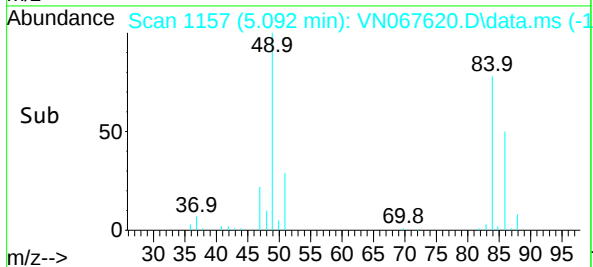
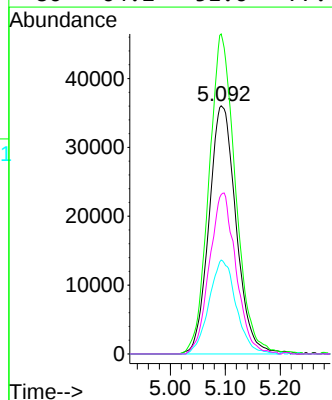
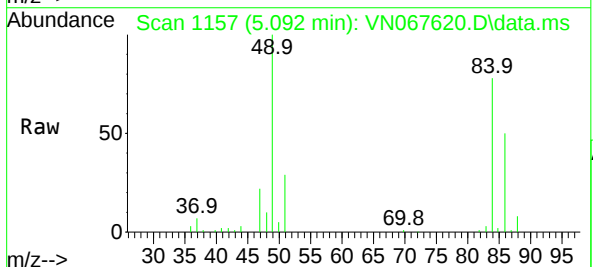
Ion Ratio Lower Upper

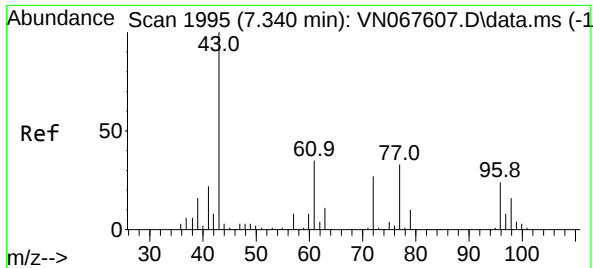
84 100

49 128.9 110.9 166.3

51 37.8 32.6 49.0

86 64.2 51.6 77.4

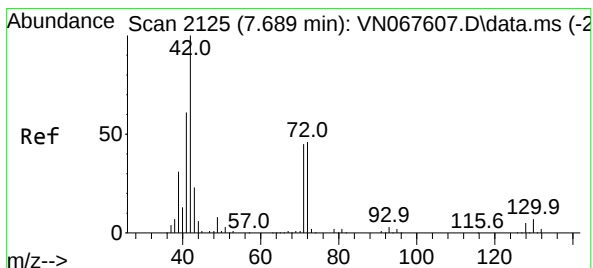
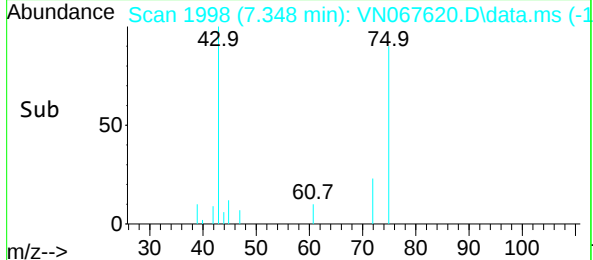
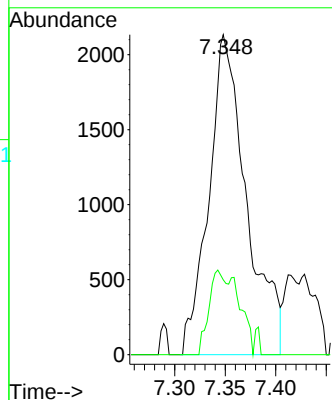
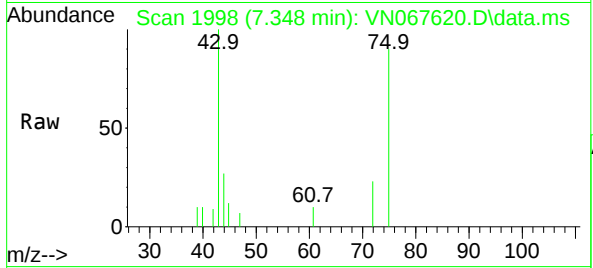




#25
2-Butanone
Concen: 1.888 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

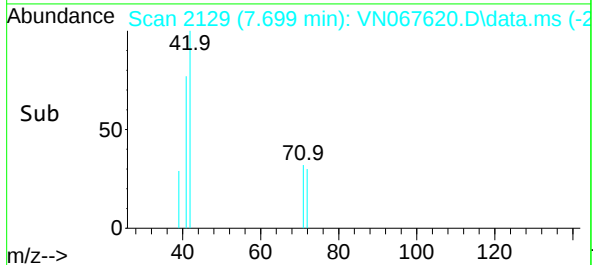
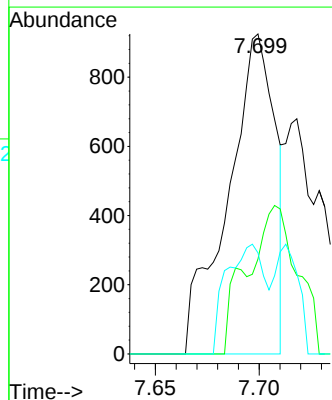
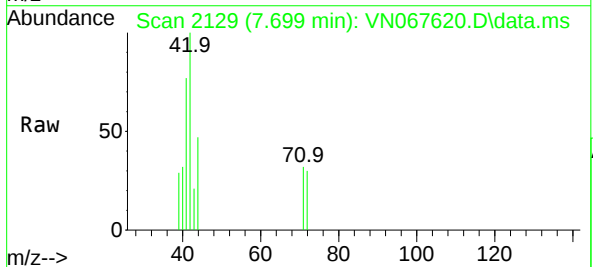
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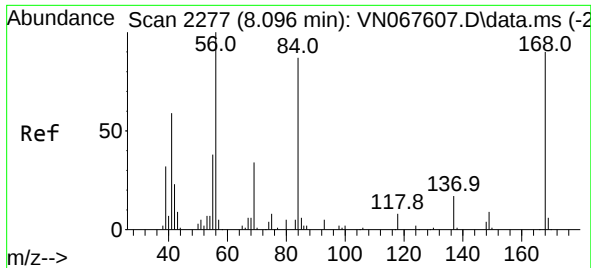
Tgt Ion: 43 Resp: 5531
Ion Ratio Lower Upper
43 100
72 23.4 19.7 29.5



#29
Tetrahydrofuran
Concen: 0.748 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.010 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 42 Resp: 1459
Ion Ratio Lower Upper
42 100
72 10.1 32.8 49.2#
71 27.8 31.2 46.8#

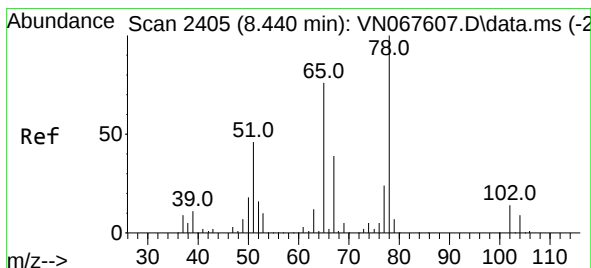
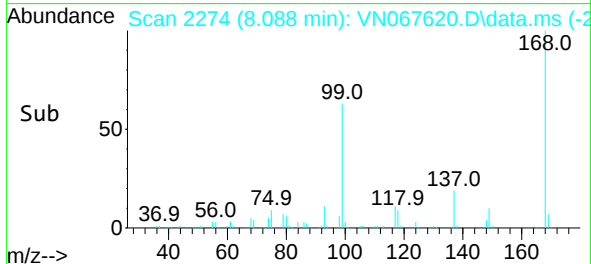
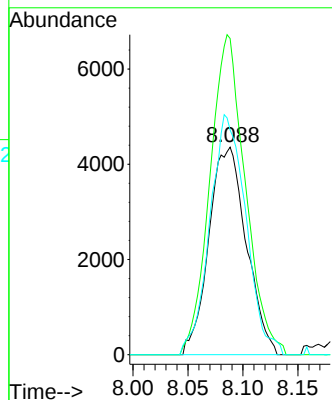
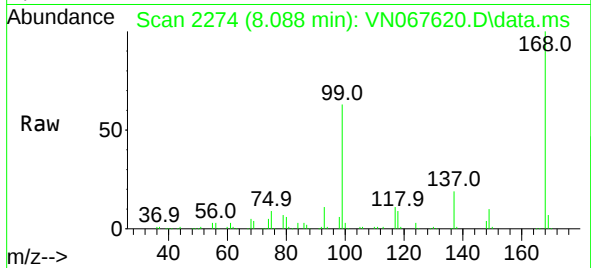




#31
Cyclohexane
Concen: 1.306 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

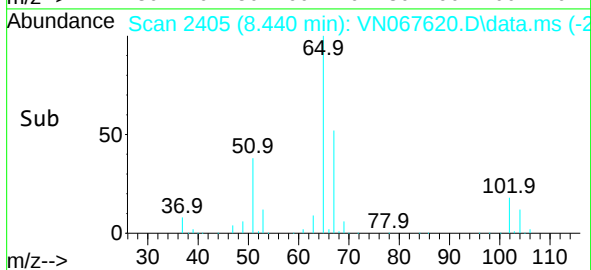
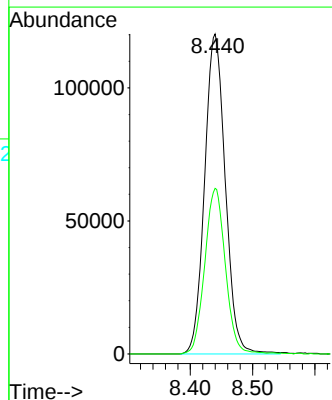
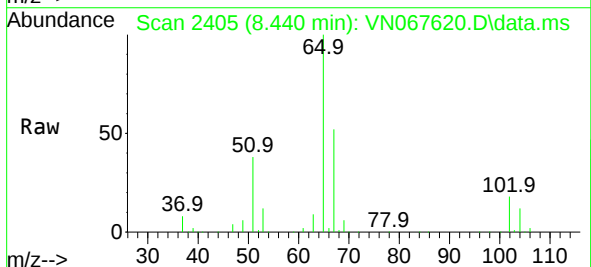
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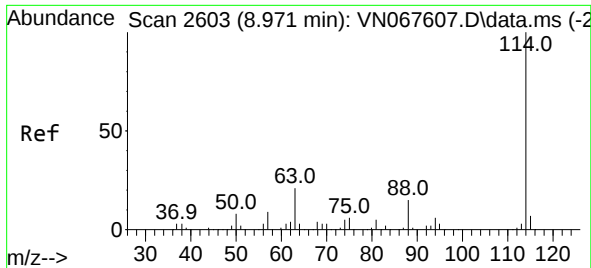
Tgt Ion: 56 Resp: 10343
Ion Ratio Lower Upper
56 100
69 152.3 27.3 40.9#
84 108.2 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.473 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 65 Resp: 277541
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.6

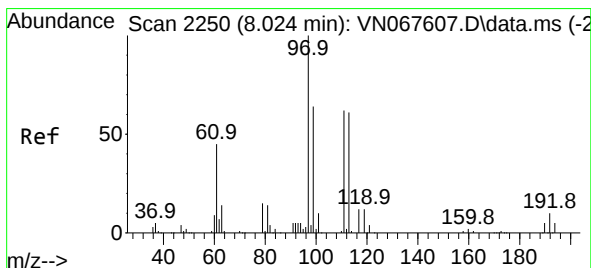
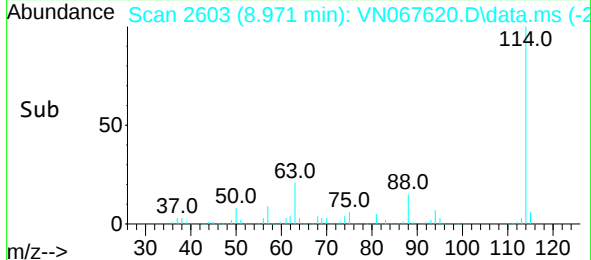
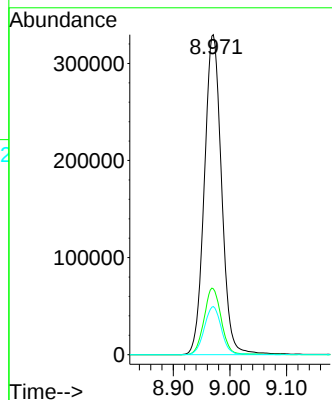
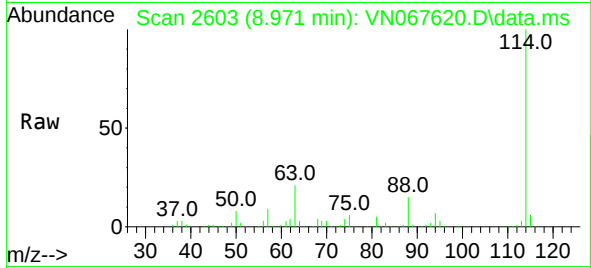




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

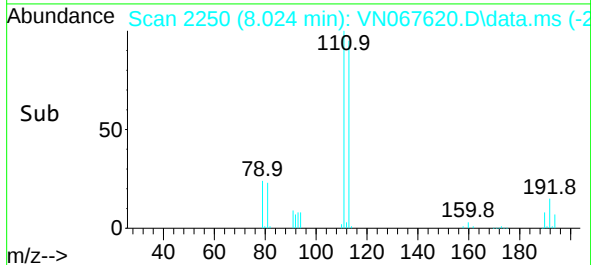
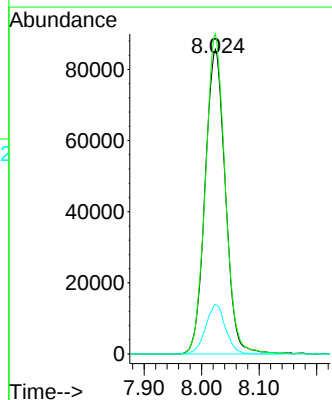
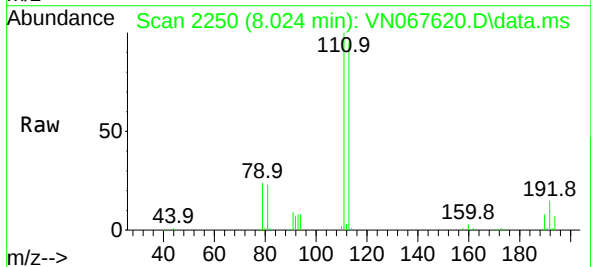
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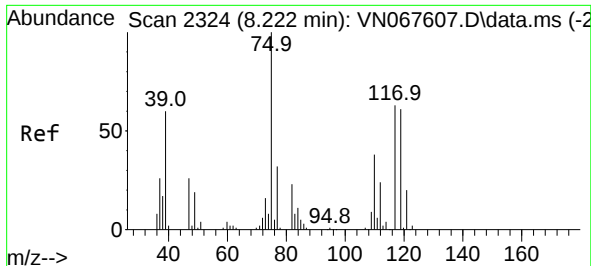
Tgt Ion:114 Resp: 695149
Ion Ratio Lower Upper
114 100
63 20.6 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.742 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion:113 Resp: 209568
Ion Ratio Lower Upper
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111 102.5 83.8 125.8
192 15.9 13.4 20.0

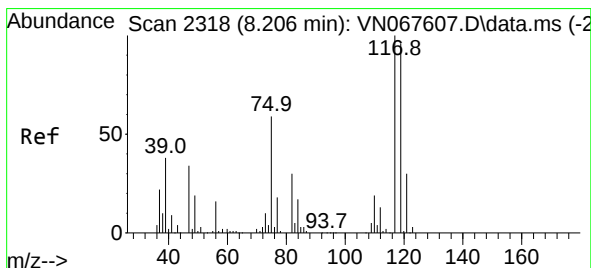
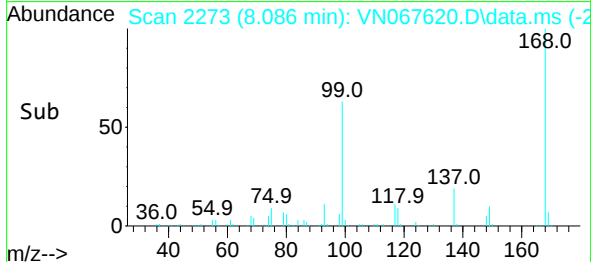
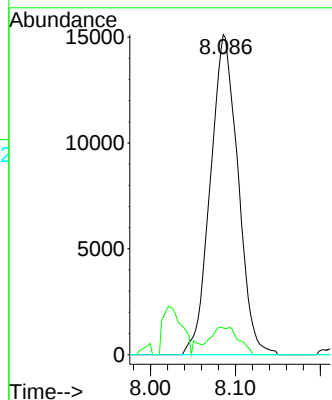
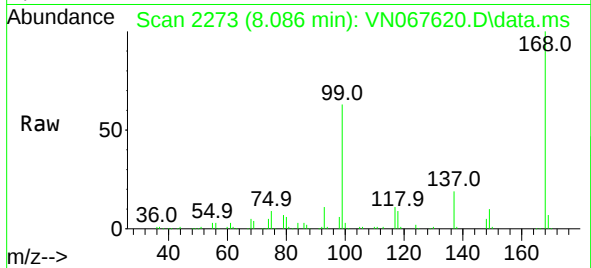




#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

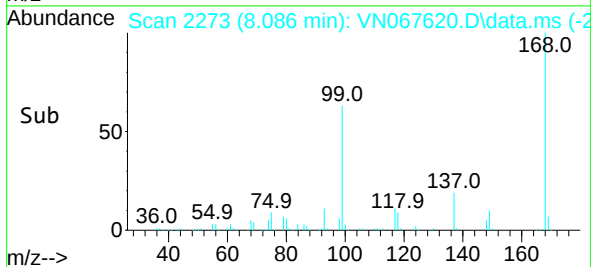
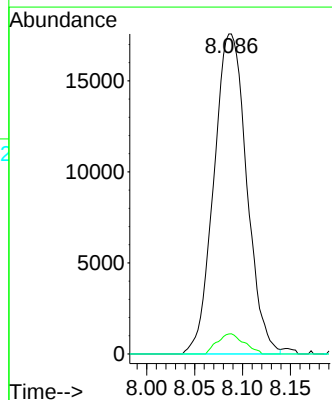
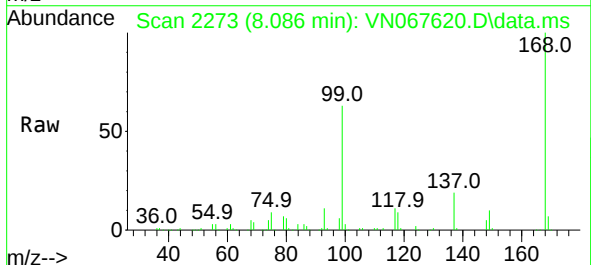
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

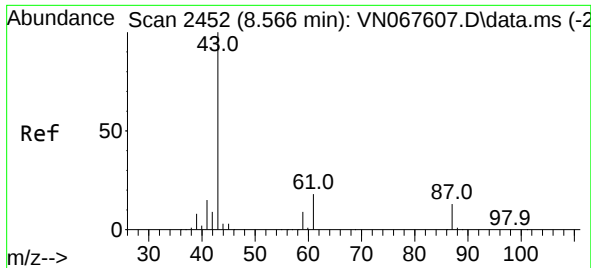
Tgt Ion: 75 Resp: 34146
Ion Ratio Lower Upper
75 100
110 2.5 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 117 Resp: 41836
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.2#
121 0.0 23.5 35.3#

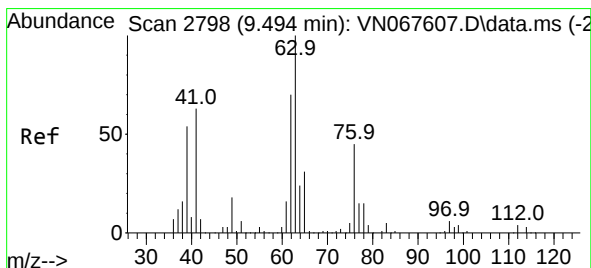
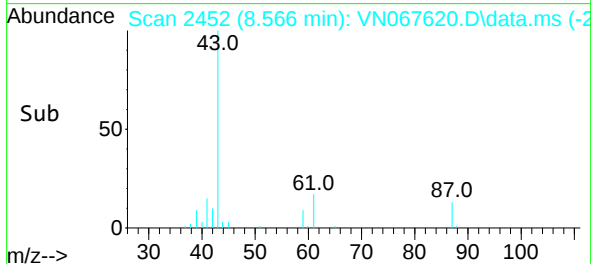
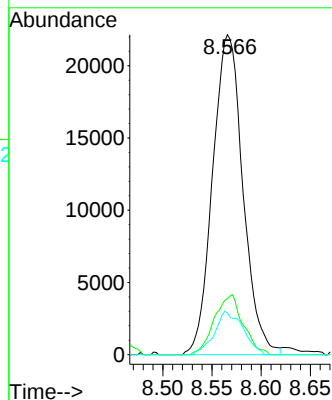
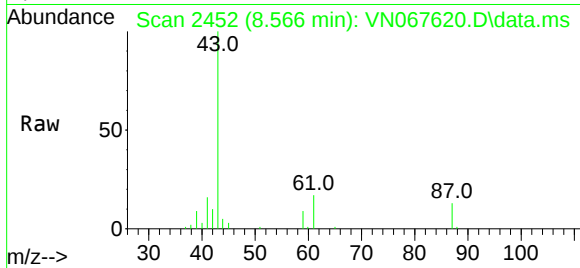




#43
Isopropyl Acetate
Concen: 4.329 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

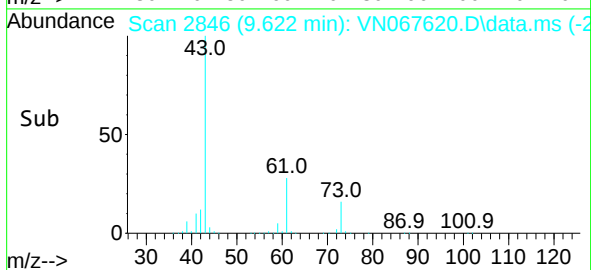
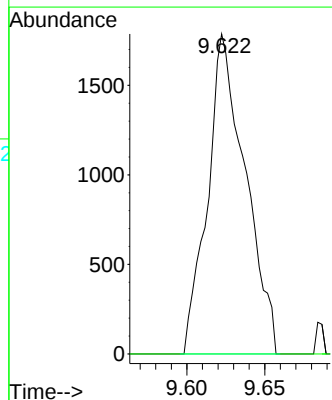
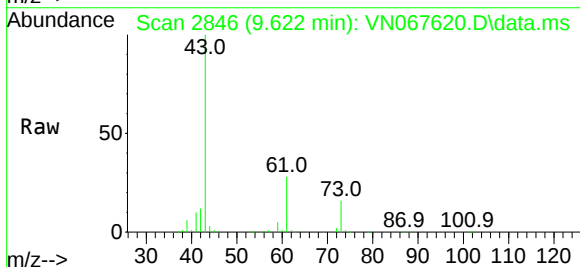
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

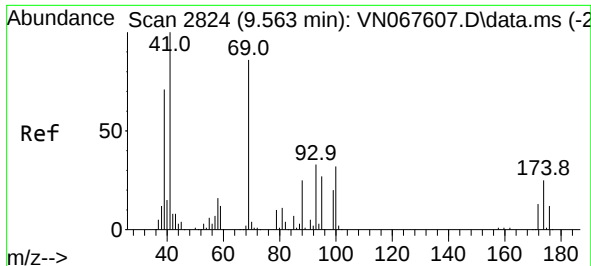
Tgt Ion: 43 Resp: 47504
Ion Ratio Lower Upper
43 100
61 17.8 19.0 28.4#
87 12.8 9.5 14.3



#45
1,2-Dichloropropane
Concen: 0.623 ug/l
RT: 9.622 min Scan# 2846
Delta R.T. 0.128 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 63 Resp: 3005
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#

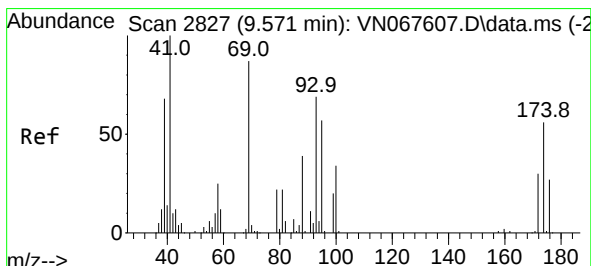
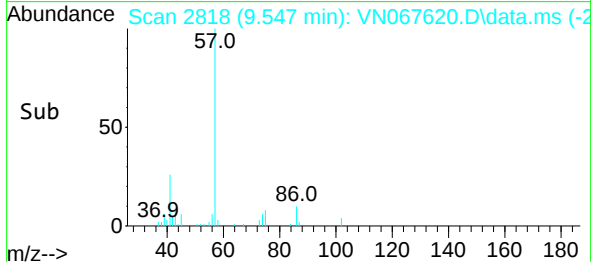
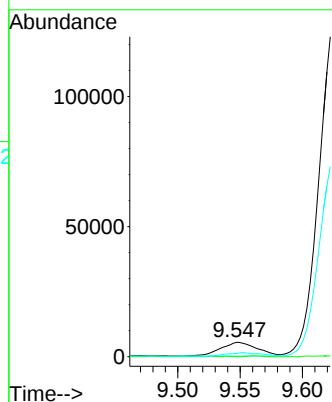
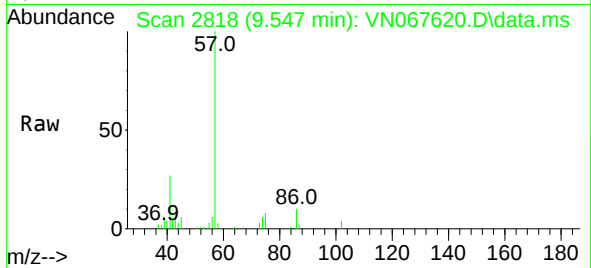




#48
Methyl methacrylate
Concen: 2.233 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

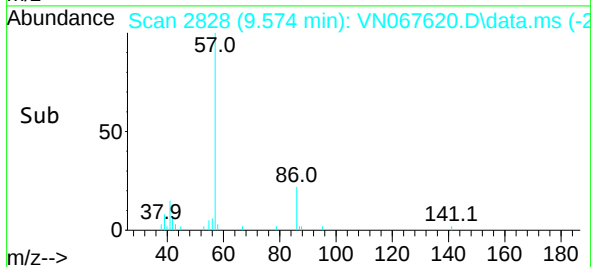
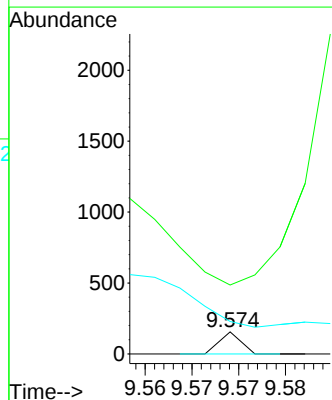
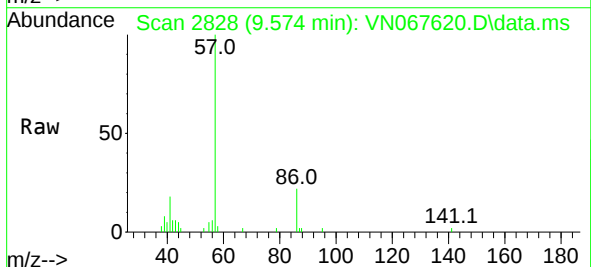
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

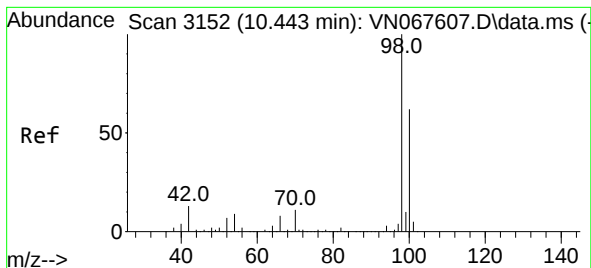
Tgt Ion: 41 Resp: 10776
Ion Ratio Lower Upper
41 100
69 0.7 64.6 96.8#
39 0.0 53.3 79.9#



#49
1,4-Dioxane
Concen: 0.292 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#

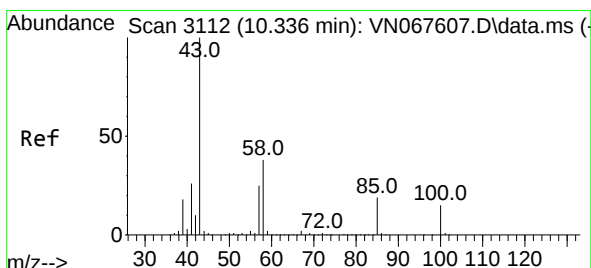
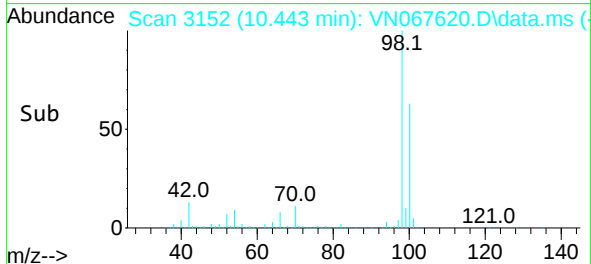
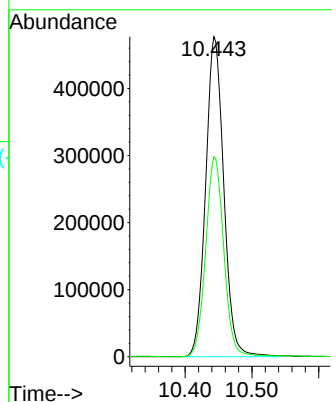
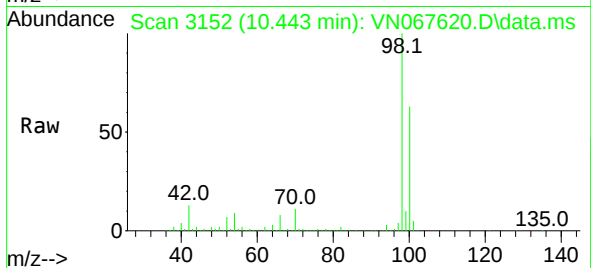




#50
Toluene-d8
Concen: 49.687 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

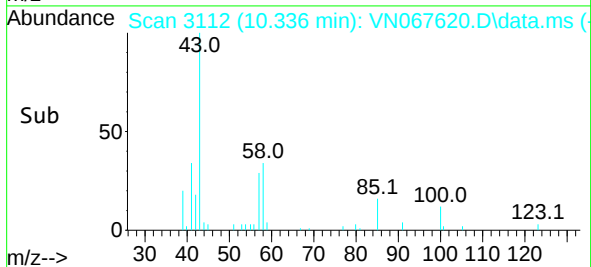
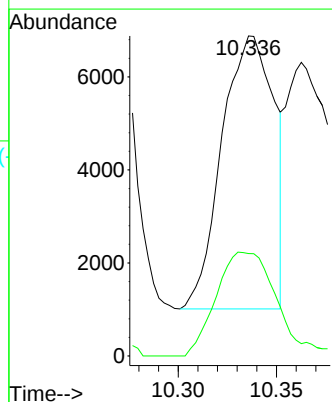
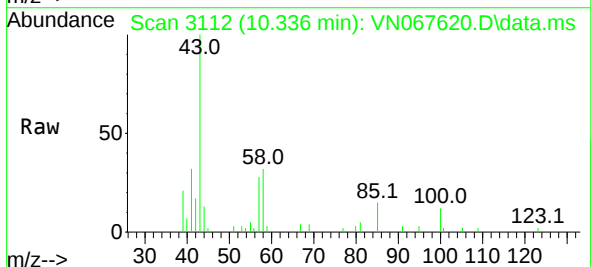
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

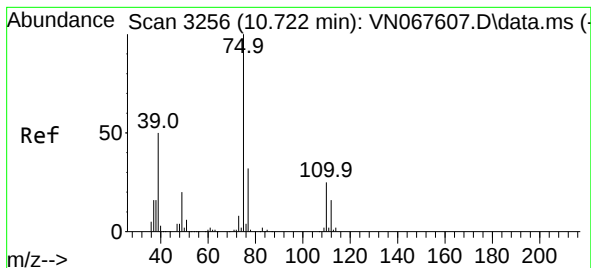
Tgt Ion: 98 Resp: 901637
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.609 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 43 Resp: 10793
Ion Ratio Lower Upper
43 100
58 44.1 28.6 43.0#

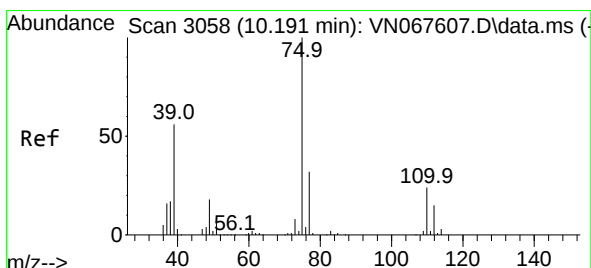
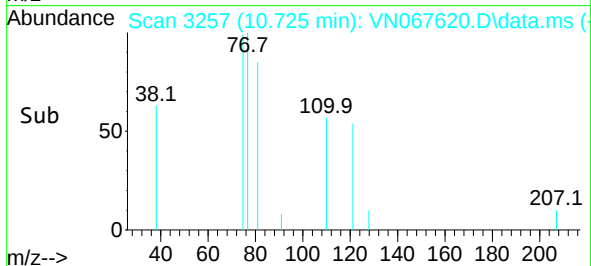
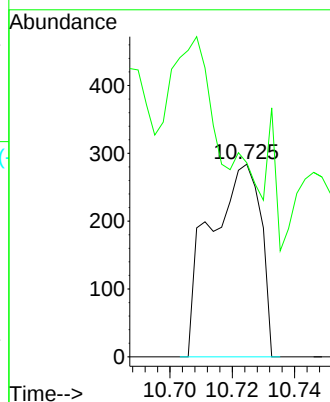
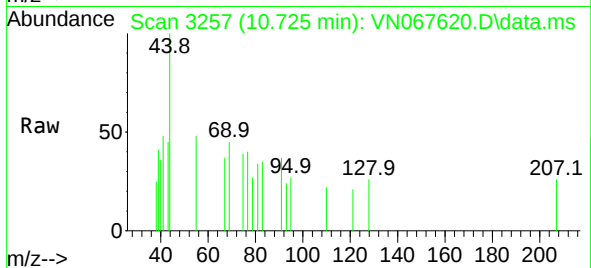




#53
t-1,3-Dichloropropene
Concen: 1.757 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

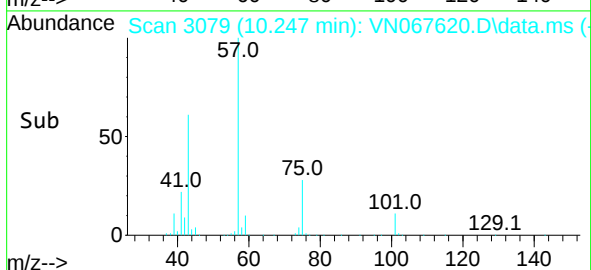
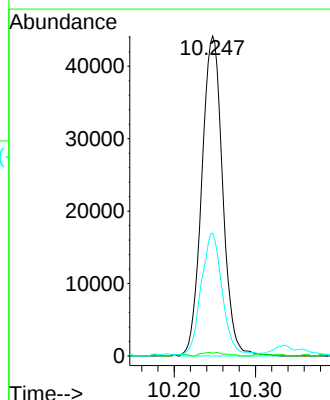
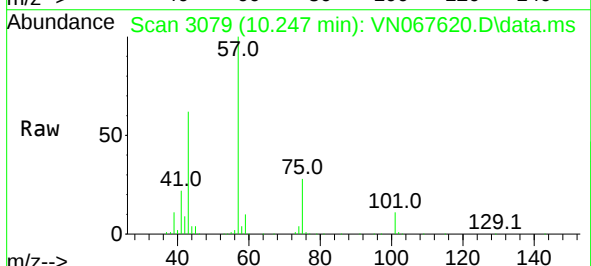
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

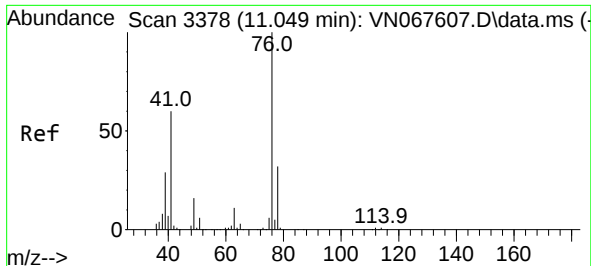
Tgt Ion: 75 Resp: 321
Ion Ratio Lower Upper
75 100
77 45.8 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 10.228 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 75 Resp: 78732
Ion Ratio Lower Upper
75 100
77 0.4 24.6 37.0#
39 38.0 50.7 76.1#

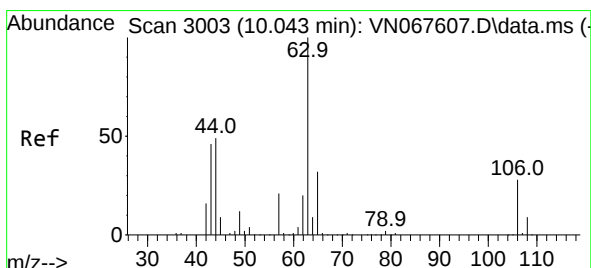
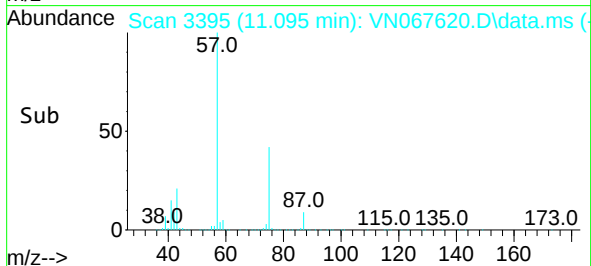
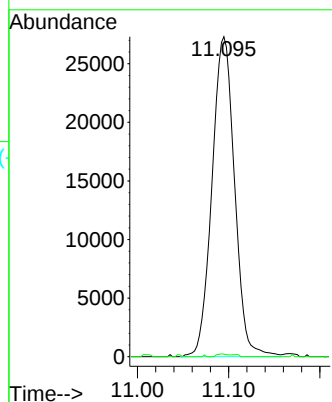
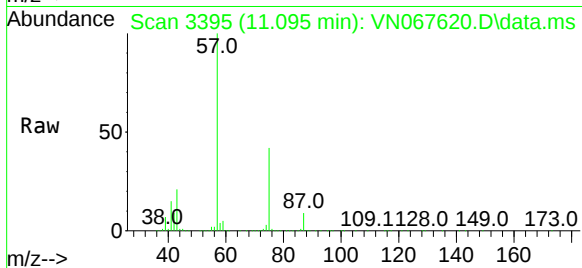




#57
1,3-Dichloropropane
Concen: 5.694 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

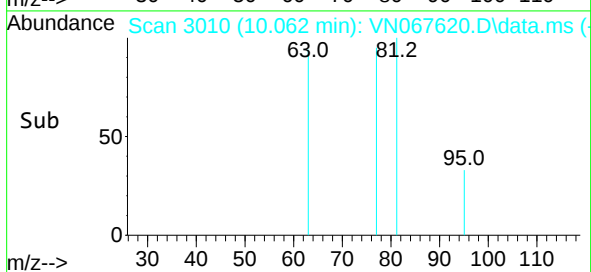
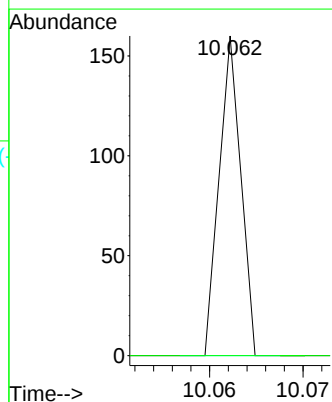
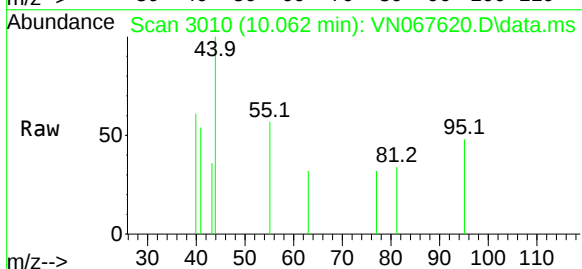
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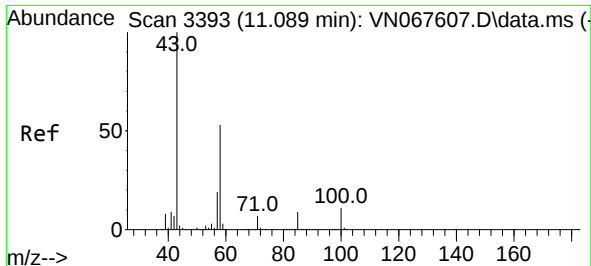
Tgt Ion: 76 Resp: 47021
Ion Ratio Lower Upper
76 100
78 0.4 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 20.817 ug/l
RT: 10.062 min Scan# 3010
Delta R.T. 0.019 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#

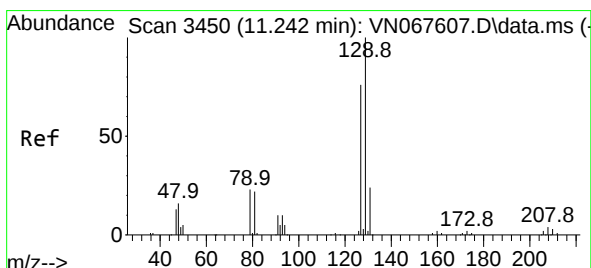
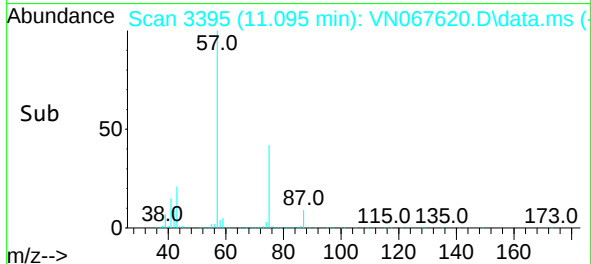
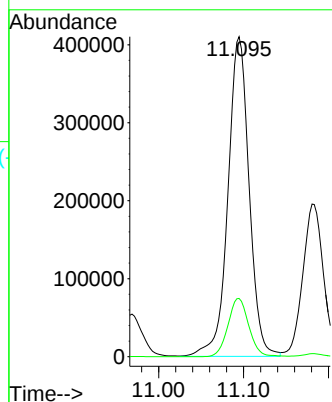
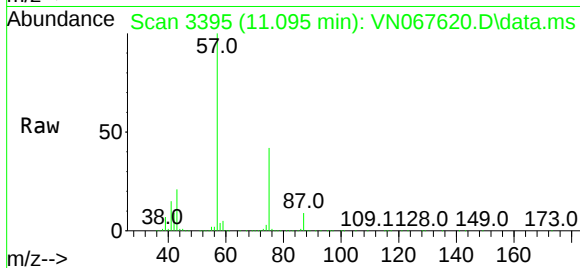




#59
2-Hexanone
Concen: 151.409 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

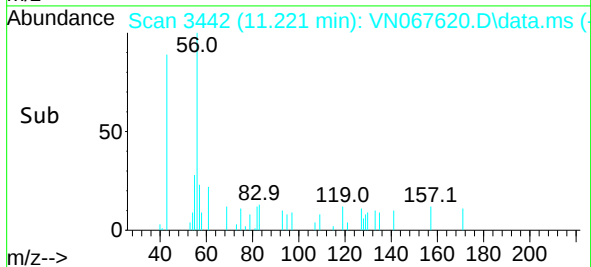
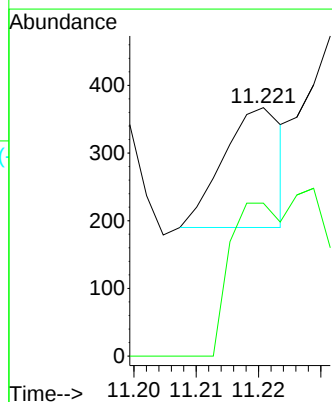
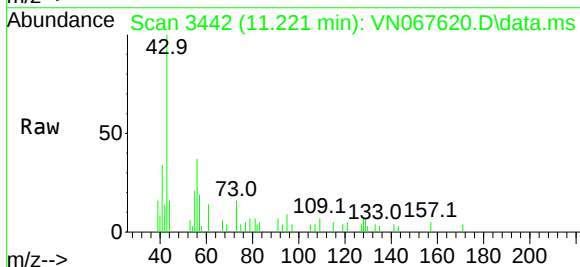
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

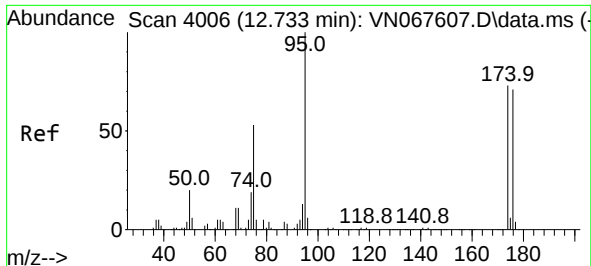
Tgt Ion: 43 Resp: 712038
Ion Ratio Lower Upper
43 100
58 17.9 24.7 74.1#



#60
Dibromochloromethane
Concen: 2.066 ug/l
RT: 11.221 min Scan# 3442
Delta R.T. -0.021 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 129 Resp: 116
Ion Ratio Lower Upper
129 100
127 113.8 38.6 115.8

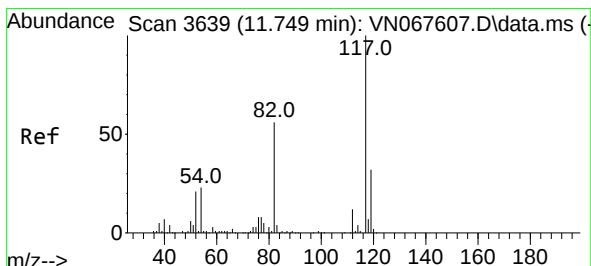
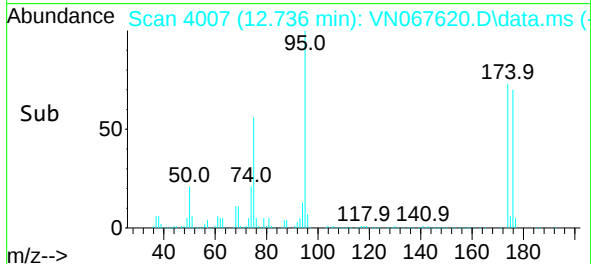
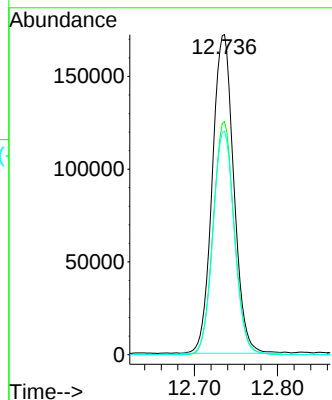
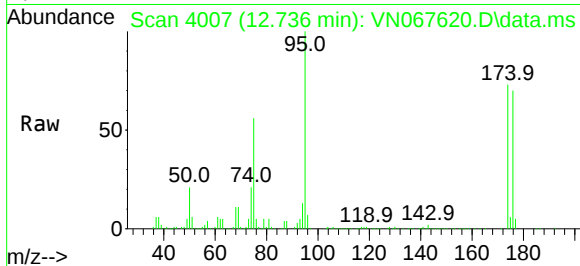




#62
4-Bromofluorobenzene
Concen: 47.637 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

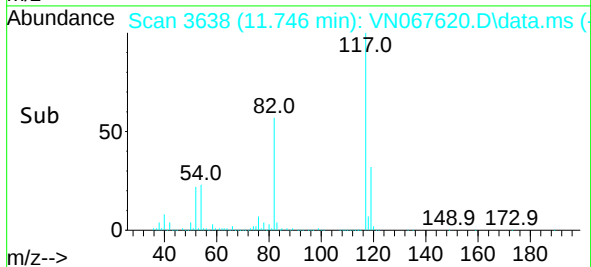
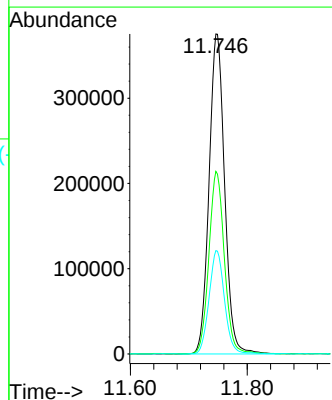
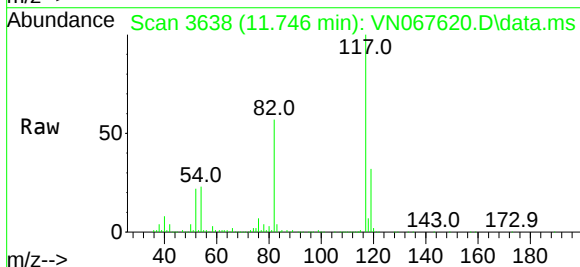
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

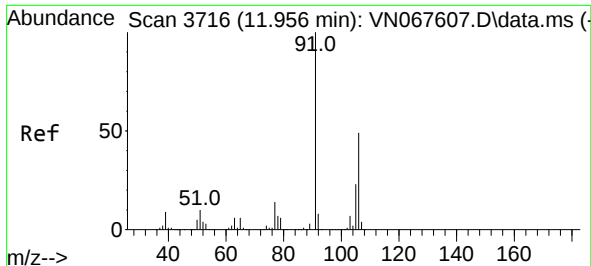
Tgt Ion: 95 Resp: 308386
Ion Ratio Lower Upper
95 100
174 72.0 0.0 122.0
176 69.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 117 Resp: 695150
Ion Ratio Lower Upper
117 100
82 57.0 53.1 79.7
119 32.3 25.5 38.3

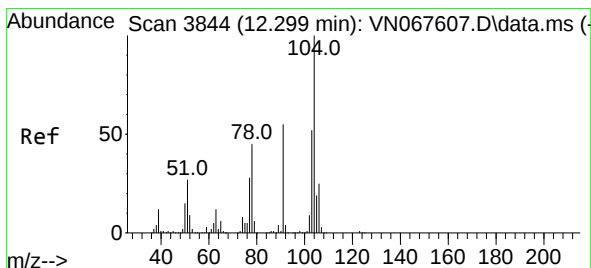
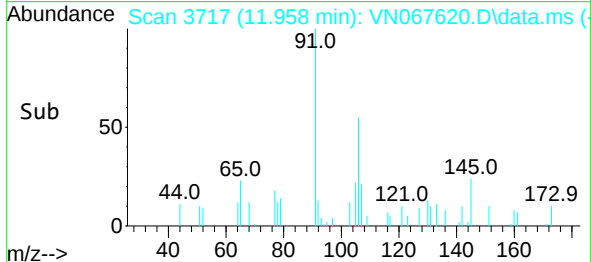
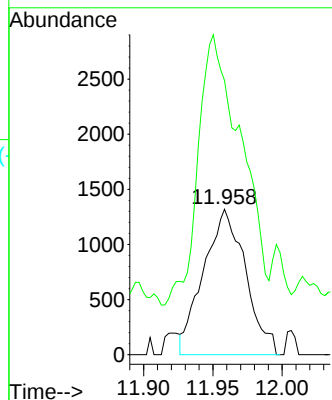
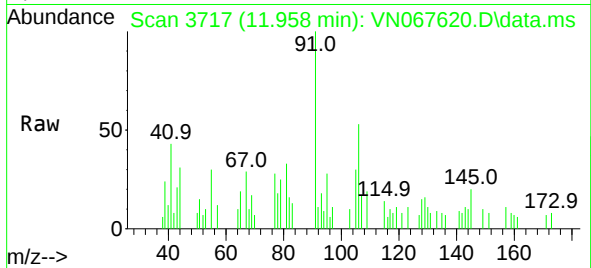




#68
m/p-Xylenes
Concen: 0.281 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

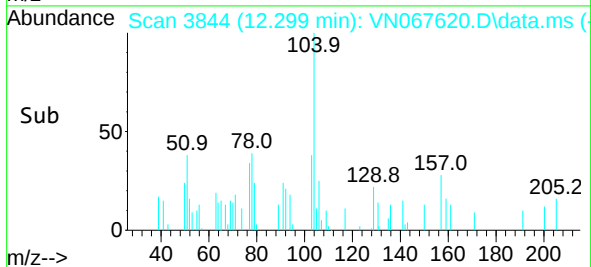
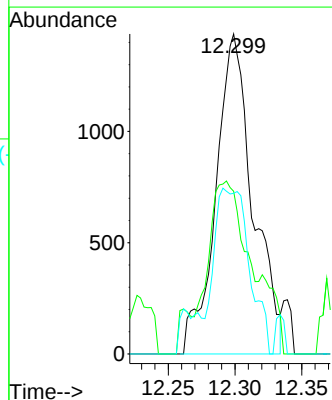
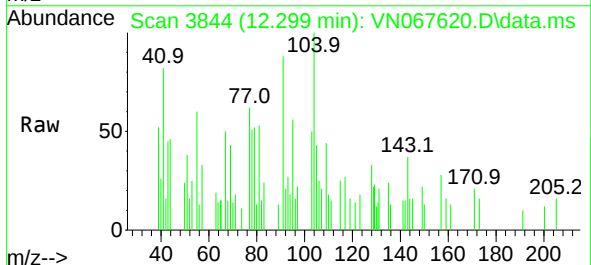
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

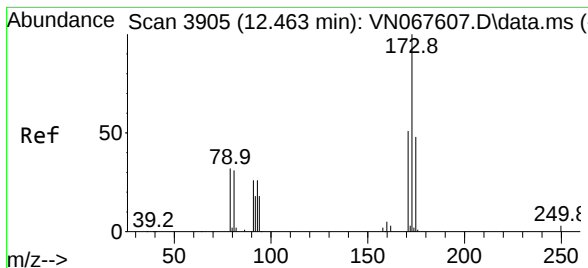
Tgt Ion:106 Resp: 2783
Ion Ratio Lower Upper
106 100
91 190.4 180.6 270.8



#70
Styrene
Concen: 1.496 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. -0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion:104 Resp: 2781
Ion Ratio Lower Upper
104 100
78 37.1 48.2 72.2#
103 48.7 44.5 66.7

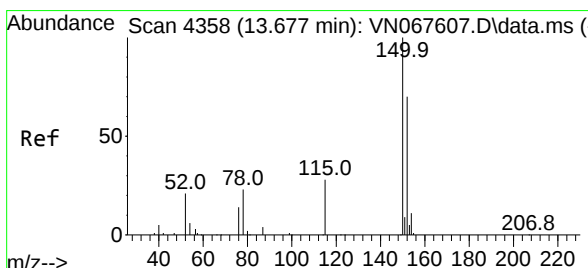
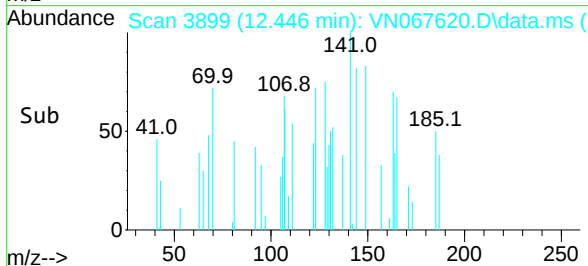
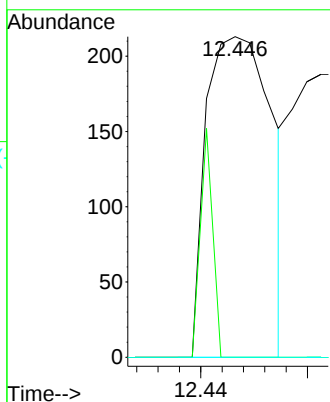
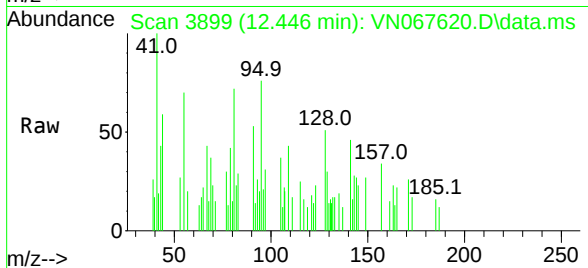




#71
Bromoform
Concen: 3.392 ug/l
RT: 12.446 min Scan# 3899
Delta R.T. -0.017 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

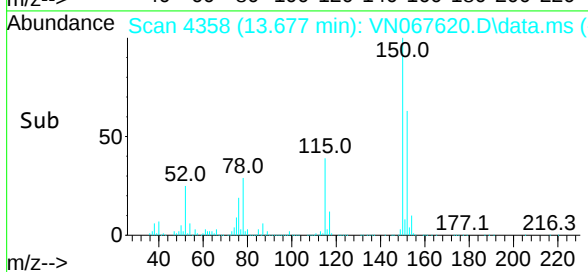
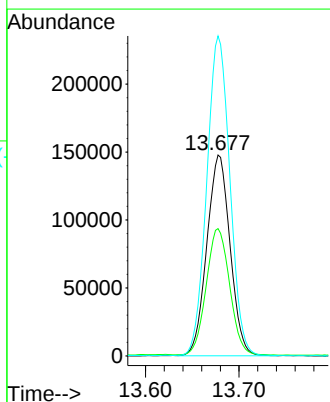
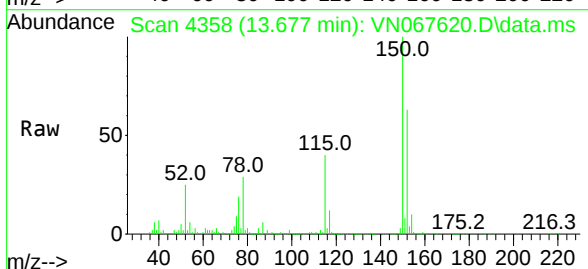
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

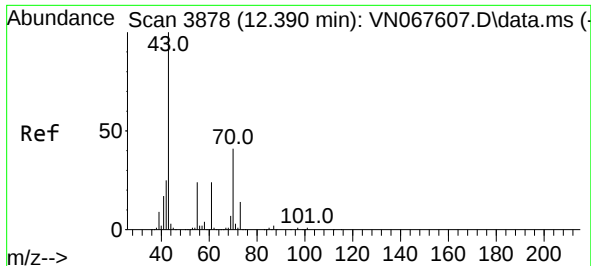
Tgt Ion:173 Resp: 182
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion:152 Resp: 255040
Ion Ratio Lower Upper
152 100
115 63.8 36.1 108.5
150 158.4 0.0 351.8

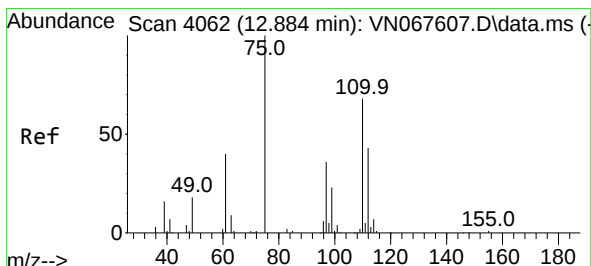
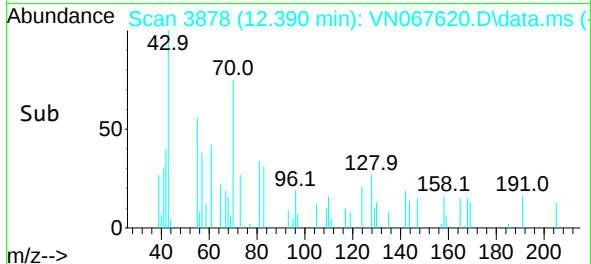
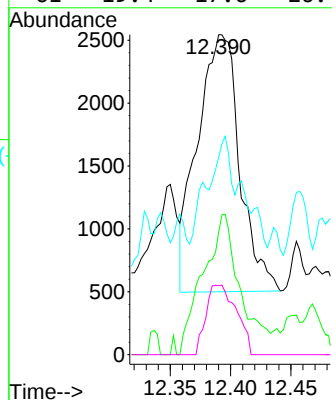
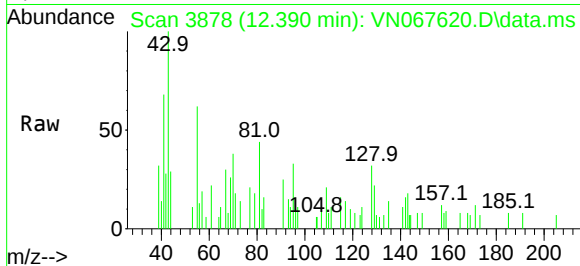




#74
N-amy1 acetate
Concen: 0.669 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

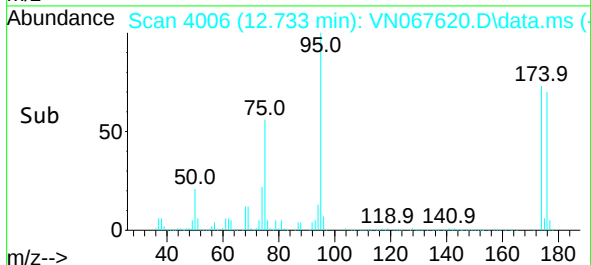
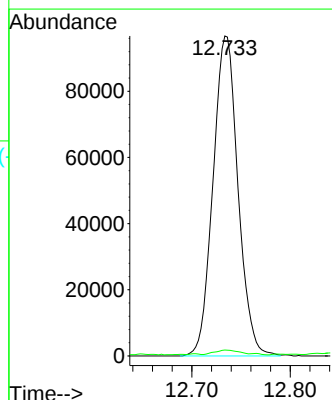
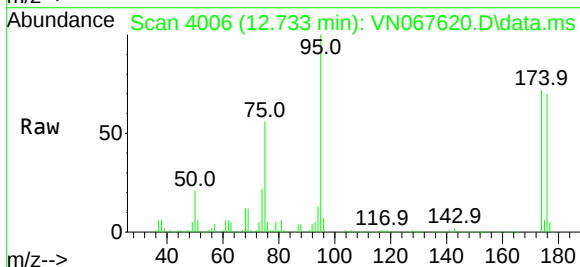
Instrument :
MSVOA_N
ClientSampleId :
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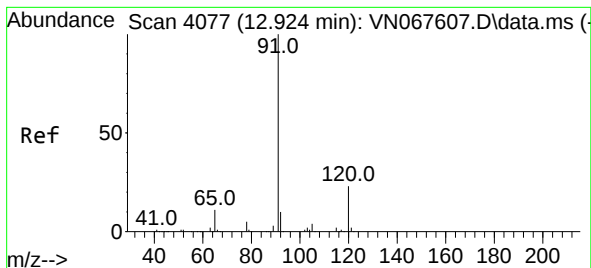
Tgt Ion: 43	Resp: 4995
Ion Ratio	Lower Upper
43 100	
70 48.3	29.4 44.2#
55 6.7	17.0 25.4#
61 19.4	17.6 26.4



#76
1,2,3-Trichloropropane
Concen: 33.451 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 75	Resp: 170623
Ion Ratio	Lower Upper
75 100	
77 1.3	0.0 0.0#





#78

n-propylbenzene

Concen: 0.306 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.003 min

Lab File: VN067620.D

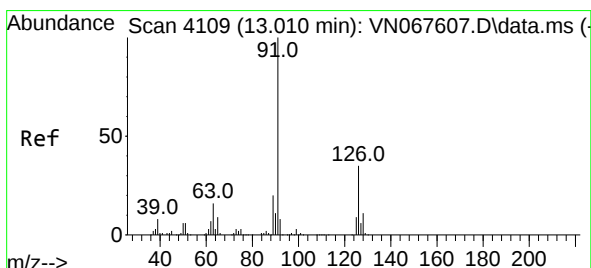
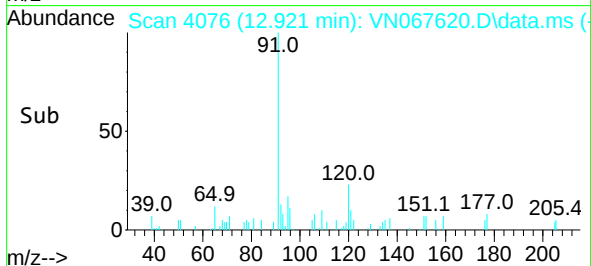
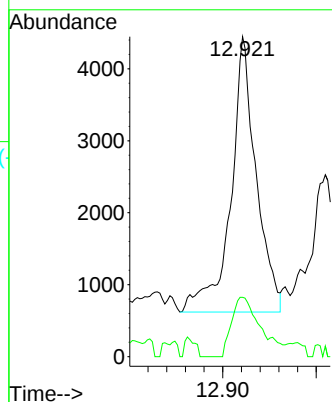
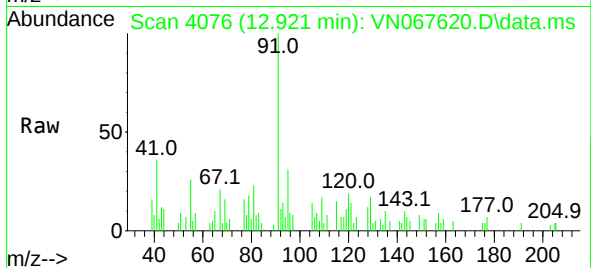
Acq: 2 Jul 2021 16:40

Tgt Ion: 91 Resp: 7217

Ion Ratio Lower Upper

91 100

120 24.9 10.4 31.4



#79

2-Chlorotoluene

Concen: 0.336 ug/l

RT: 13.106 min Scan# 4145

Delta R.T. 0.096 min

Lab File: VN067620.D

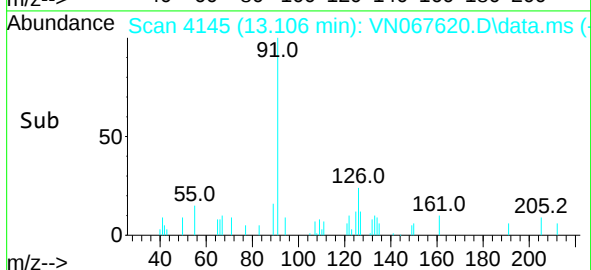
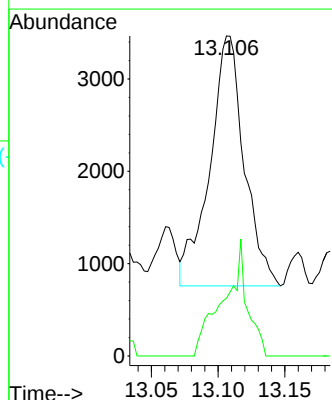
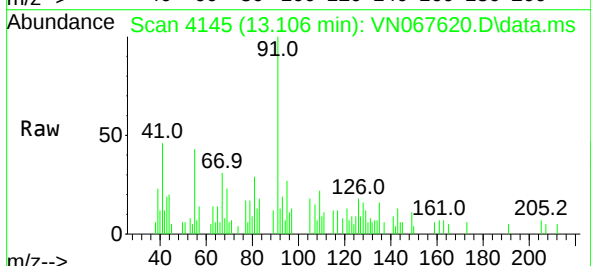
Acq: 2 Jul 2021 16:40

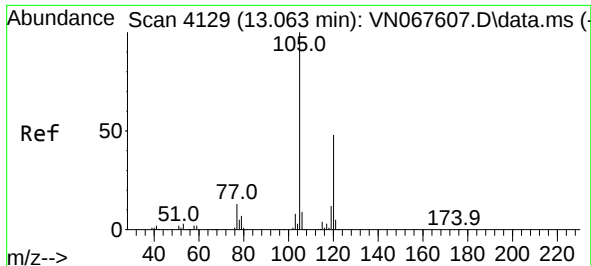
Tgt Ion: 91 Resp: 4866

Ion Ratio Lower Upper

91 100

126 32.0 14.5 43.5

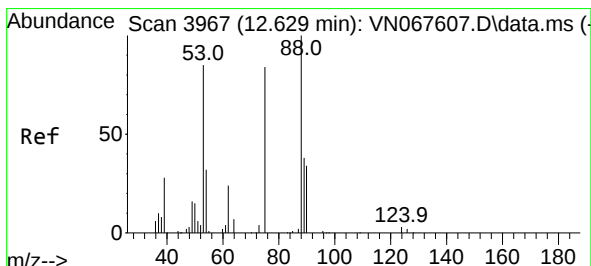
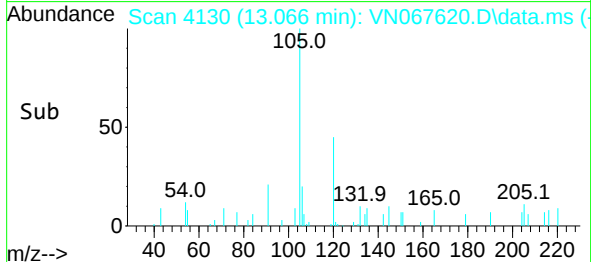
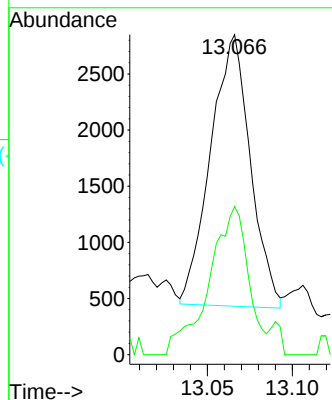
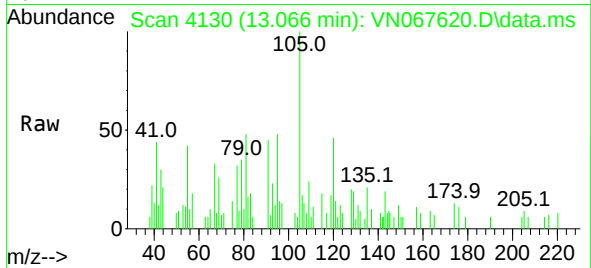




#80
1,3,5-Trimethylbenzene
Concen: 0.230 ug/l
RT: 13.066 min Scan# 4130
Delta R.T. 0.003 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

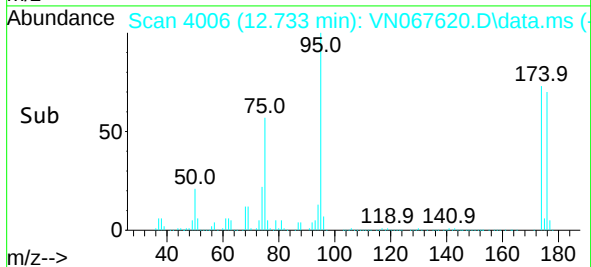
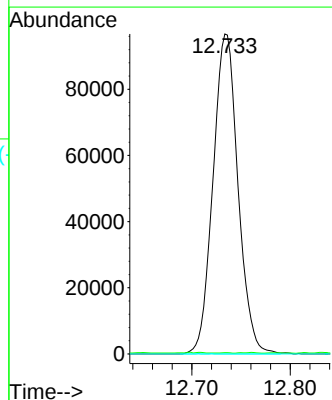
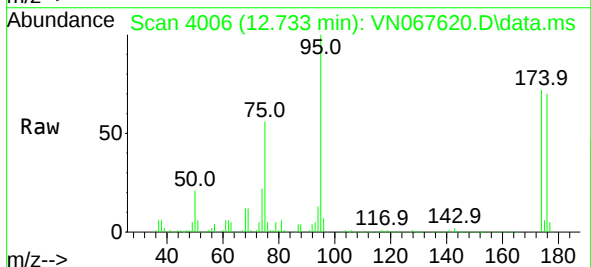
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

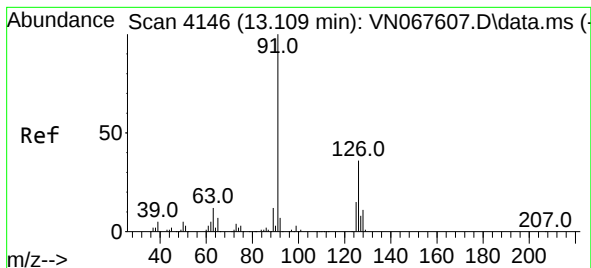
Tgt Ion:105 Resp: 3929
Ion Ratio Lower Upper
105 100
120 53.9 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 100.869 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 75 Resp: 170623
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

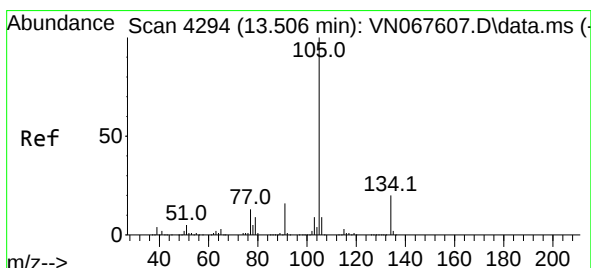
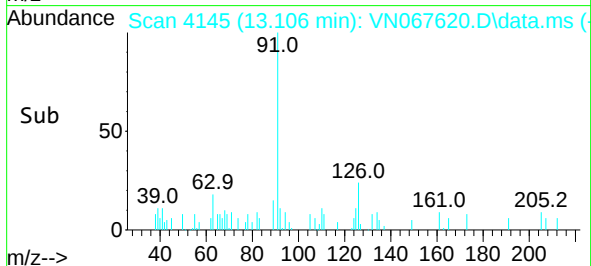
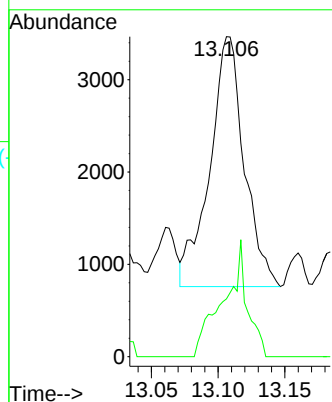
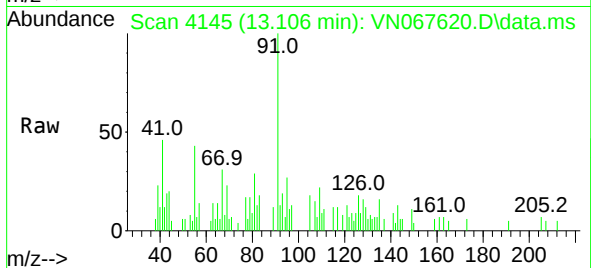




#82
4-Chlorotoluene
Concen: 0.342 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.003 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

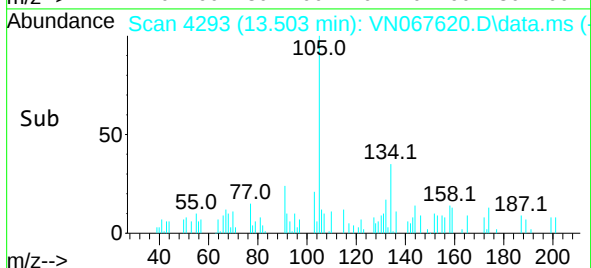
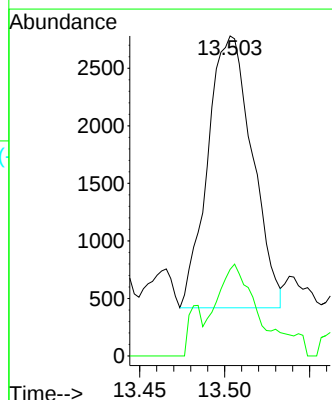
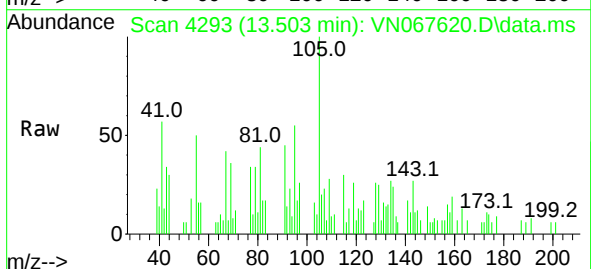
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

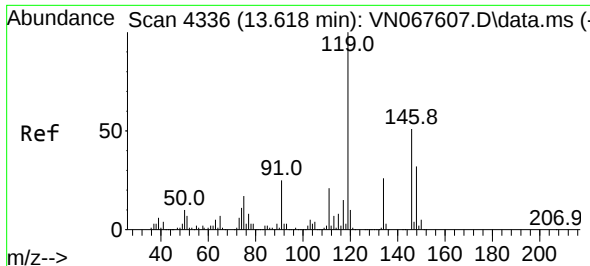
Tgt Ion: 91 Resp: 4866
Ion Ratio Lower Upper
91 100
126 32.0 14.8 44.4



#85
sec-Butylbenzene
Concen: 0.217 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.003 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 105 Resp: 4308
Ion Ratio Lower Upper
105 100
134 31.9 9.0 27.1#

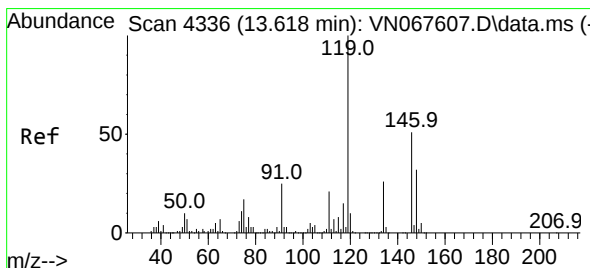
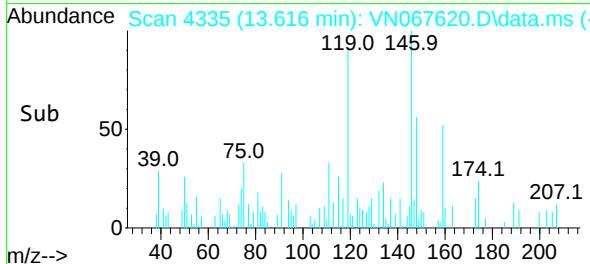
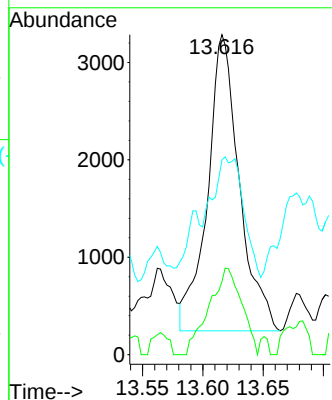
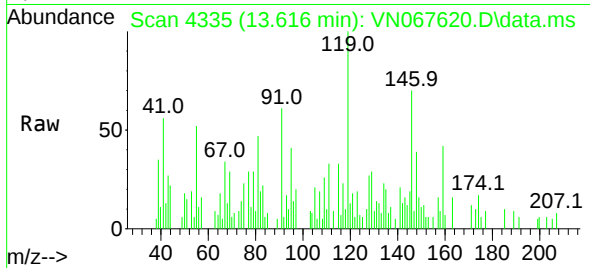




#86
p-Isopropyltoluene
Concen: 0.350 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

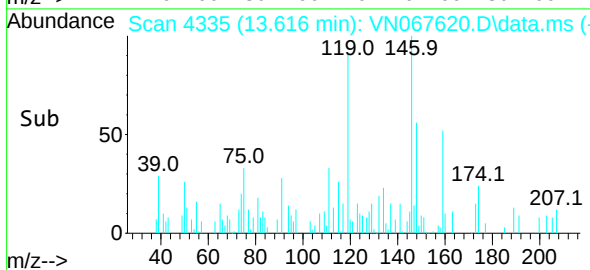
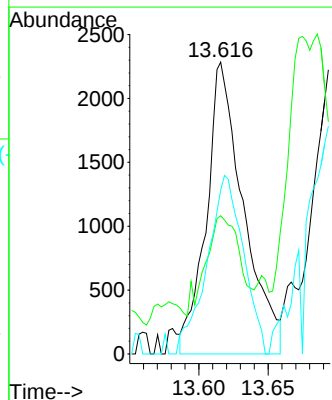
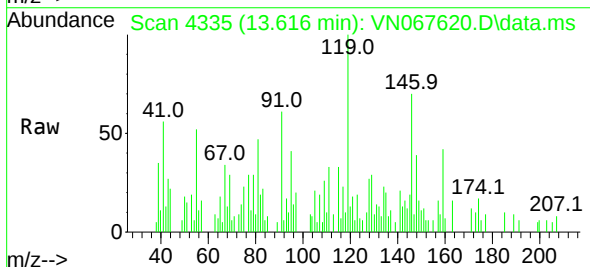
Instrument :
MSVOA_N
ClientSampleId :
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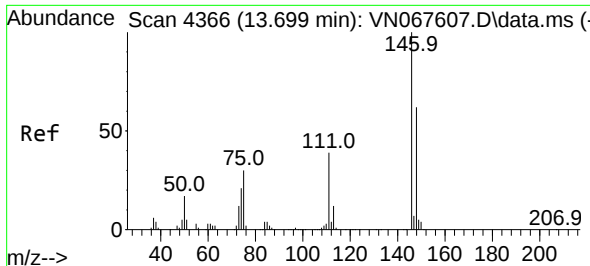
Tgt Ion:119 Resp: 5584
Ion Ratio Lower Upper
119 100
134 29.9 12.4 37.4
91 40.0 14.8 44.3



#87
1,3-Dichlorobenzene
Concen: 0.495 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion:146 Resp: 4260
Ion Ratio Lower Upper
146 100
111 31.5 24.3 72.8
148 59.7 32.0 96.0

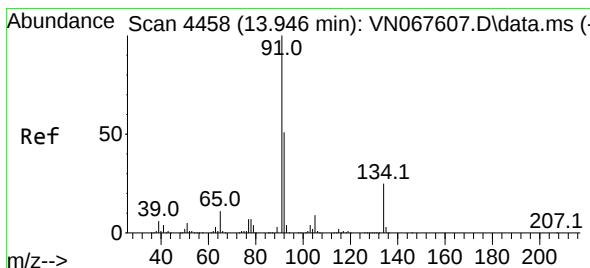
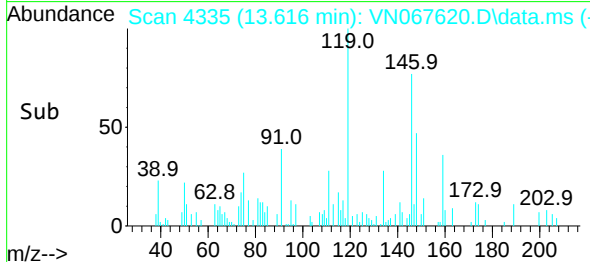
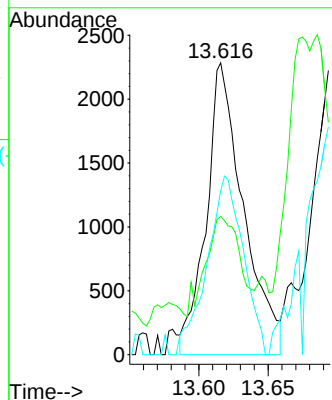
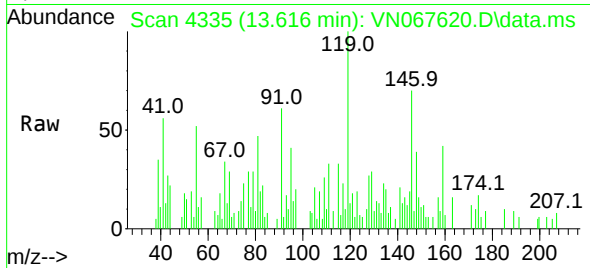




#88
1,4-Dichlorobenzene
Concen: 0.496 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.083 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

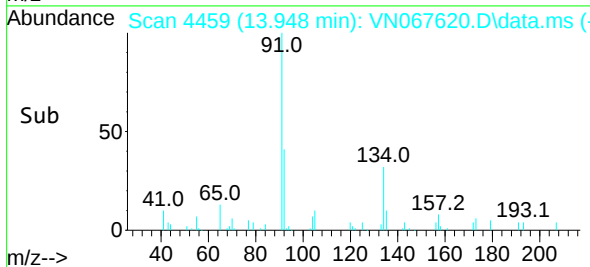
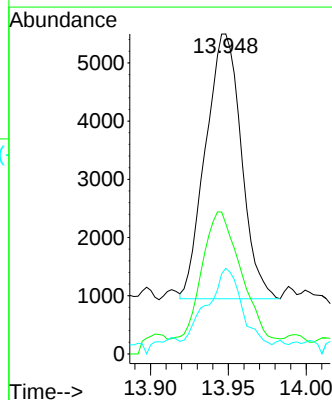
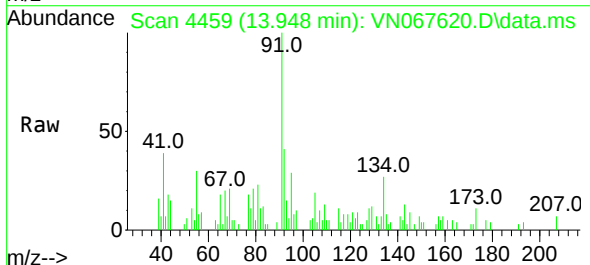
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MSVOA_N
ClientSampleId :
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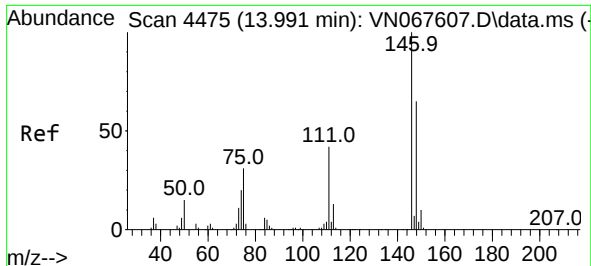
Tgt Ion:146 Resp: 4260
Ion Ratio Lower Upper
146 100
111 31.5 23.4 70.2
148 59.7 31.8 95.3



#89
n-Butylbenzene
Concen: 0.546 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.002 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 91 Resp: 7259
Ion Ratio Lower Upper
91 100
92 60.9 25.7 77.1
134 28.1 11.2 33.6

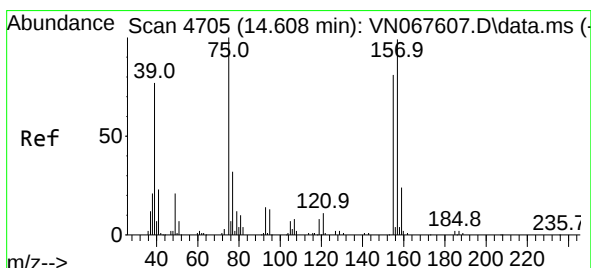
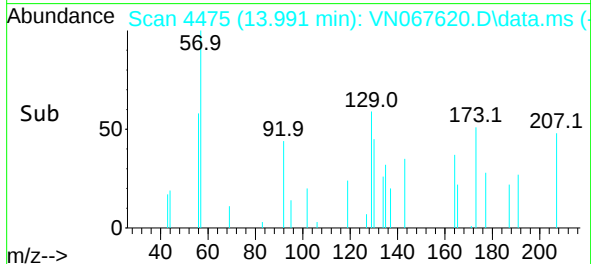
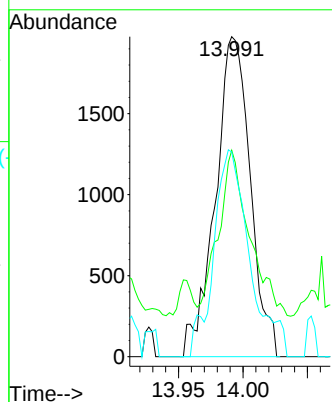
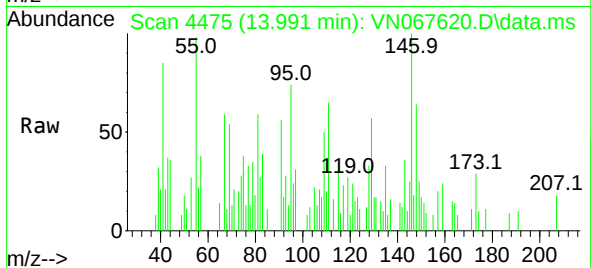




#91
1,2-Dichlorobenzene
Concen: 0.442 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

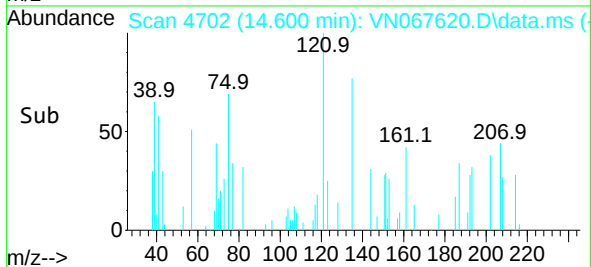
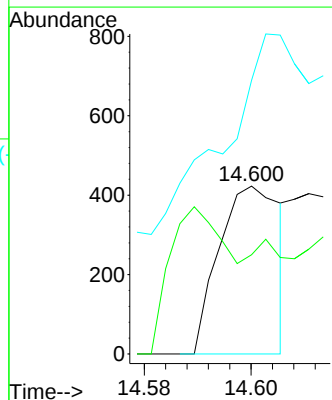
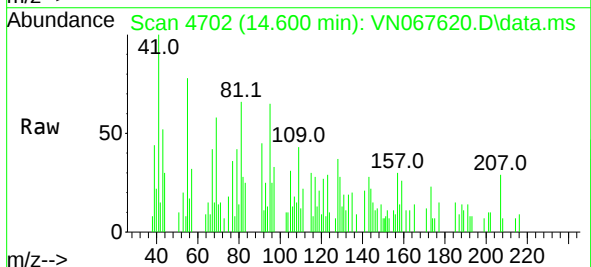
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

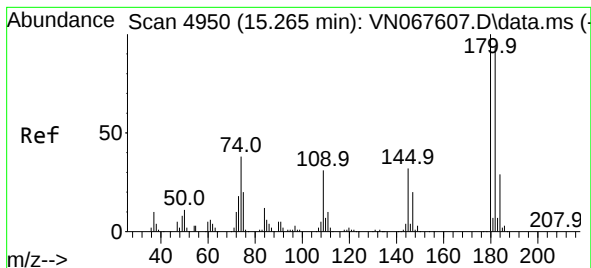
Tgt Ion:146 Resp: 3715
Ion Ratio Lower Upper
146 100
111 46.2 24.9 74.6
148 66.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.332 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.008 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion: 75 Resp: 334
Ion Ratio Lower Upper
75 100
155 84.4 29.8 89.5
157 218.9 37.6 112.8#

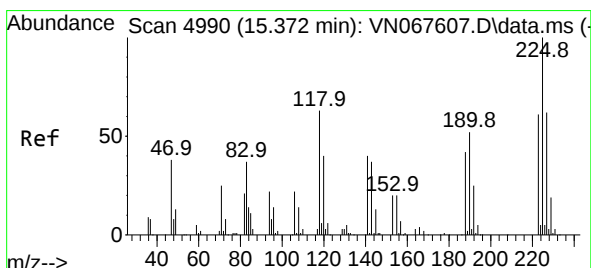
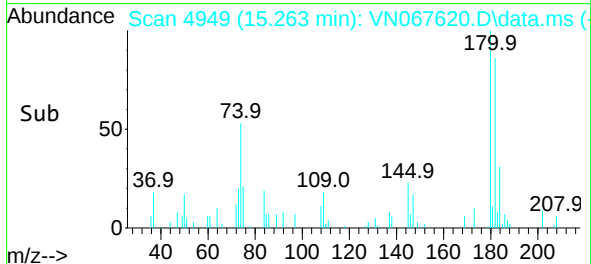
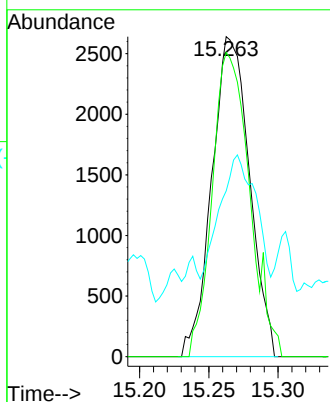
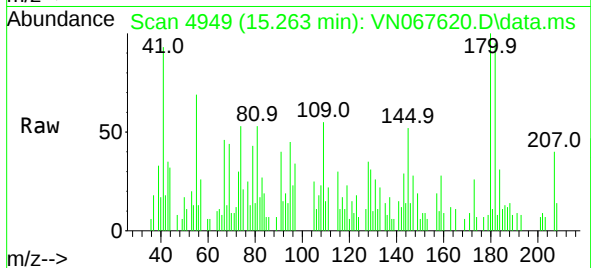




#93
1,2,4-Trichlorobenzene
Concen: 1.402 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

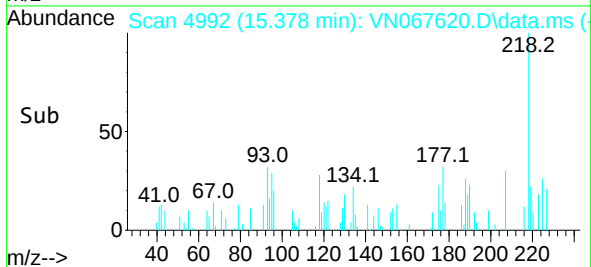
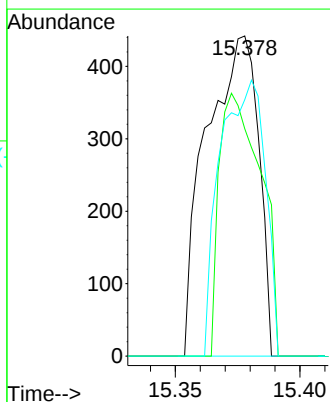
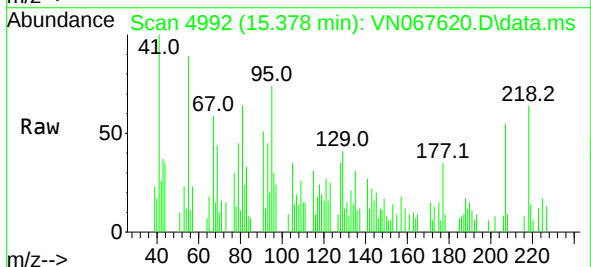
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

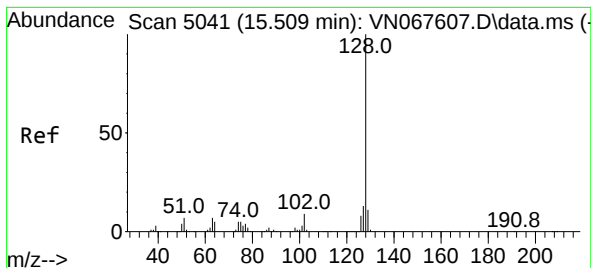
Tgt Ion:180 Resp: 4980
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 43.4 17.2 51.6



#94
Hexachlorobutadiene
Concen: 0.383 ug/l
RT: 15.378 min Scan# 4992
Delta R.T. 0.006 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion:225 Resp: 640
Ion Ratio Lower Upper
225 100
223 65.8 31.4 94.0
227 74.5 31.2 93.6

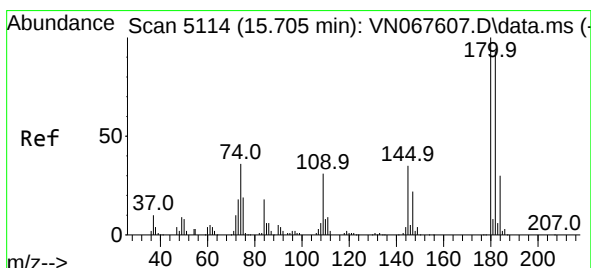
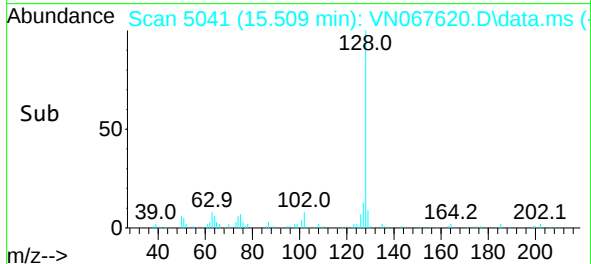
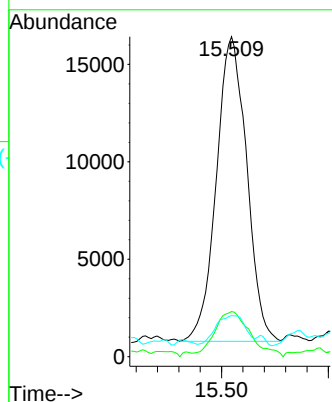
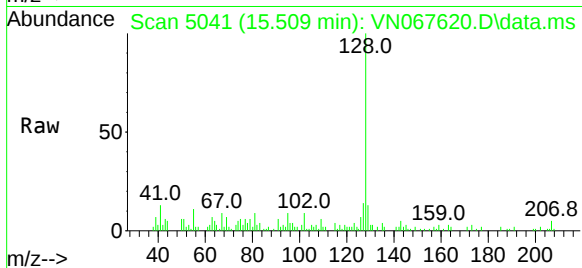




#95
Naphthalene
Concen: 6.836 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WC-D

Tgt Ion:128 Resp: 30827
Ion Ratio Lower Upper
128 100
127 17.3 10.6 15.8#
129 9.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.801 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.000 min
Lab File: VN067620.D
Acq: 2 Jul 2021 16:40

Tgt Ion:180 Resp: 5916
Ion Ratio Lower Upper
180 100
182 89.2 47.8 143.3
145 30.9 18.2 54.6

