

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052121\
 Data File : VN067163.D
 Acq On : 21 May 2021 16:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 22 07:20:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	223754	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.525	114	400083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	320773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	92529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	163059	46.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.92%
35) Dibromofluoromethane	7.519	113	124045	50.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.04%
50) Toluene-d8	10.038	98	483527	51.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.34%
62) 4-Bromofluorobenzene	12.360	95	137469	42.56	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.12%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.858	85	1389	0.49	ug/l	76
3) Chloromethane	2.056	50	2118	0.53	ug/l	95
4) Vinyl Chloride	2.179	62	797	0.23	ug/l	# 54
5) Bromomethane	2.533	94	980	0.53	ug/l	86
11) Tert butyl alcohol	4.714	59	374	0.51	ug/l	# 87
13) Acrolein	3.571	56	2062	3.39	ug/l	84
15) Acrylonitrile	4.915	53	374	0.25	ug/l	# 72
16) Acetone	3.770	43	1447	1.01	ug/l	97
17) Carbon Disulfide	3.995	76	5399	0.65	ug/l	95
21) trans-1,2-Dichloroethene	4.961	96	701	0.24	ug/l	86
29) Tetrahydrofuran	7.149	42	1159	0.79	ug/l	# 70
31) Cyclohexane	7.592	56	7137	1.33	ug/l	# 4
36) 1,1-Dichloropropene	7.726	75	1780	0.44	ug/l	89
38) Carbon Tetrachloride	7.600	117	25660	6.51	ug/l	# 16
39) Methylcyclohexane	9.021	83	1535	0.35	ug/l	# 78
44) Trichloroethene	8.777	130	1323	0.48	ug/l	86
46) Dibromomethane	9.150	93	436	0.21	ug/l	# 41
49) 1,4-Dioxane	9.128	88	86	62.21	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.938	43	5984	1.40	ug/l	# 76
52) Toluene	10.102	92	1855	0.25	ug/l	89
56) Ethyl methacrylate	10.394	69	245	2.84	ug/l	# 26
58) 2-Chloroethyl Vinyl ether	9.649	63	235	7.08	ug/l	# 45
59) 2-Hexanone	10.697	43	148	18.91	ug/l	# 21
64) Tetrachloroethene	10.577	164	1123	0.51	ug/l	# 78
65) Chlorobenzene	11.384	112	2846	0.43	ug/l	91
67) Ethyl Benzene	11.470	91	4376	0.36	ug/l	98
68) m/p-Xylenes	11.585	106	2637	0.61	ug/l	79
70) Styrene	11.944	104	954	2.62	ug/l	# 58
73) Isopropylbenzene	12.210	105	5197	0.57	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	713	0.24	ug/l	# 90
76) 1,2,3-Trichloropropane	12.360	75	68955	26.77	ug/l	# 100
77) Bromobenzene	12.486	156	1058	0.58	ug/l	93
78) n-propylbenzene	12.575	91	4523	0.47	ug/l	96
79) 2-Chlorotoluene	12.644	91	2139	0.34	ug/l	90
80) 1,3,5-Trimethylbenzene	12.703	105	5924	0.79	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.360	75	68955	74.98	ug/l	# 15

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

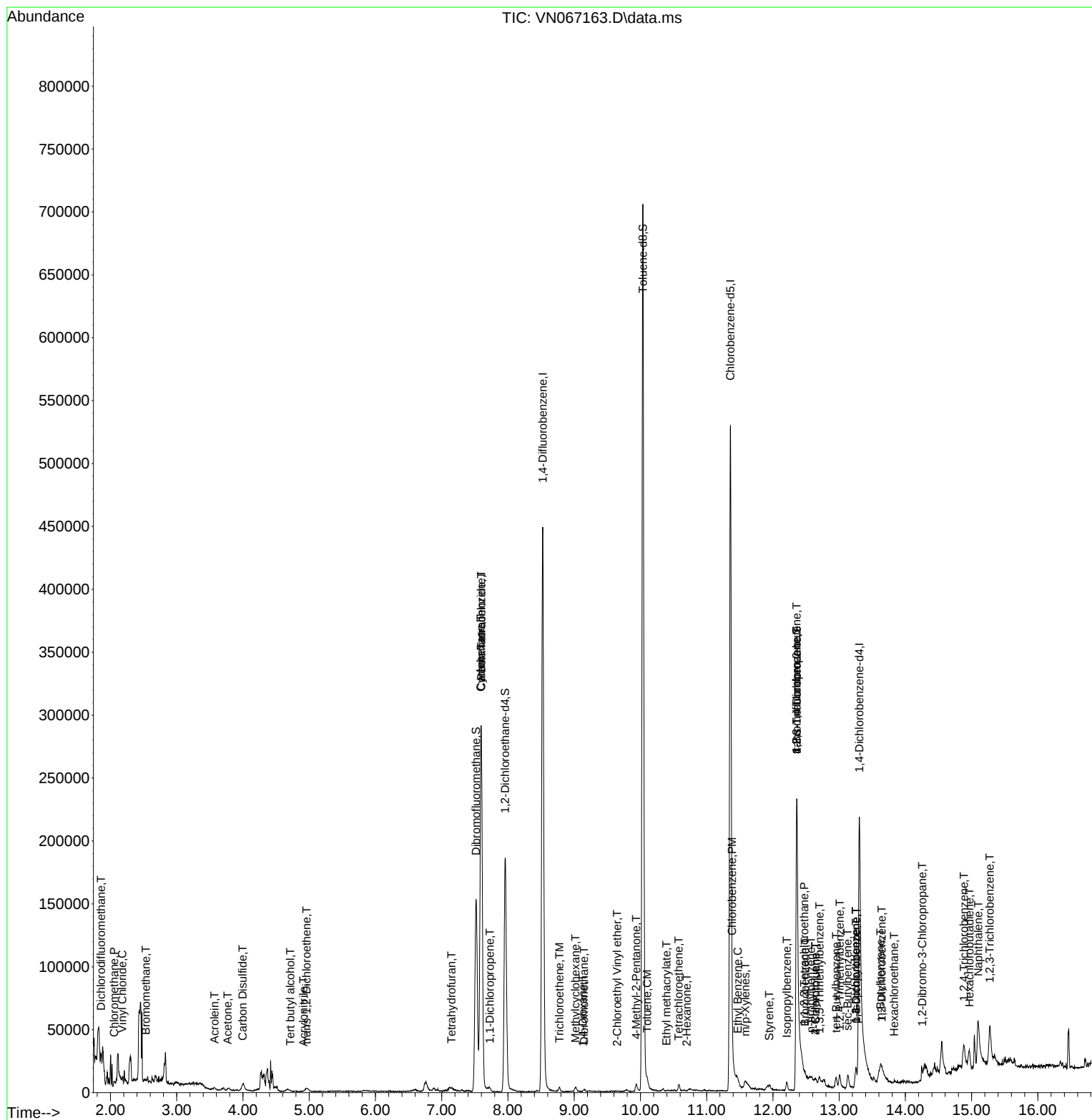
82) 4-Chlorotoluene	12.644	91	2139	0.38	ug/l	92
83) tert-Butylbenzene	12.956	119	4387	0.65	ug/l #	90
84) 1,2,4-Trimethylbenzene	13.009	105	7350	1.09	ug/l	94
85) sec-Butylbenzene	13.130	105	8118	0.97	ug/l	96
86) p-Isopropyltoluene	13.256	119	9392	1.43	ug/l #	82
87) 1,3-Dichlorobenzene	13.256	146	3459	1.13	ug/l	98
88) 1,4-Dichlorobenzene	13.256	146	3459	1.06	ug/l	98
89) n-Butylbenzene	13.626	91	16048	2.95	ug/l #	33
90) Hexachloroethane	13.830	117	381	0.28	ug/l #	41
91) 1,2-Dichlorobenzene	13.642	146	4207	1.44	ug/l	77
92) 1,2-Dibromo-3-Chloropr...	14.254	75	349	0.70	ug/l	77
93) 1,2,4-Trichlorobenzene	14.884	180	9196	8.67	ug/l	91
94) Hexachlorobutadiene	14.967	225	1781	2.21	ug/l	94
95) Naphthalene	15.098	128	49913	13.67	ug/l	97
96) 1,2,3-Trichlorobenzene	15.273	180	11858	8.95	ug/l #	92

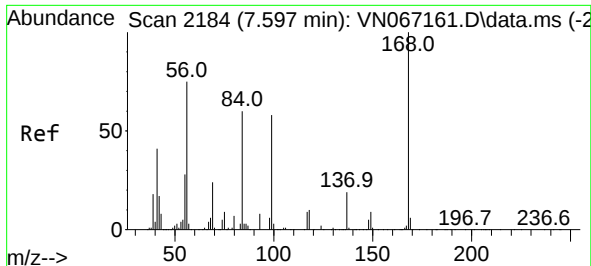
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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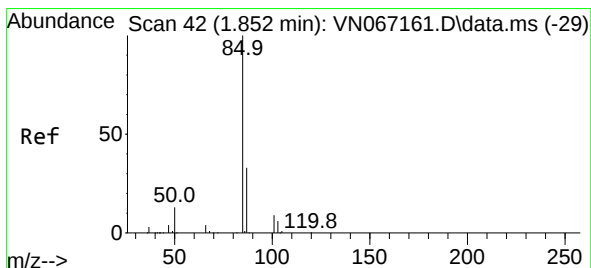
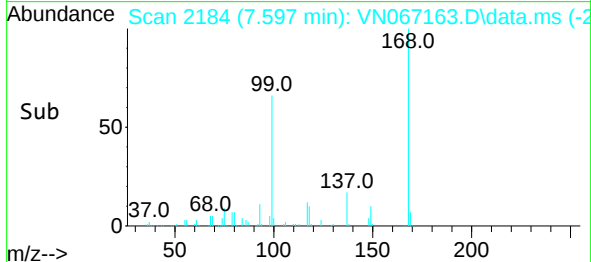
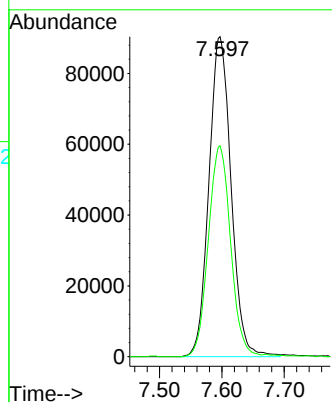
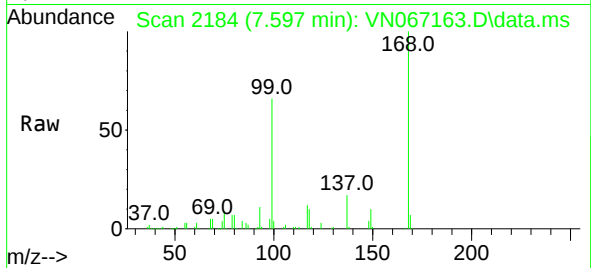




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

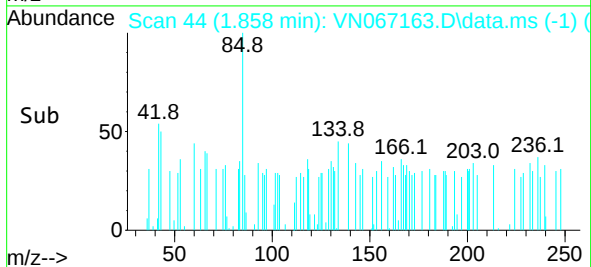
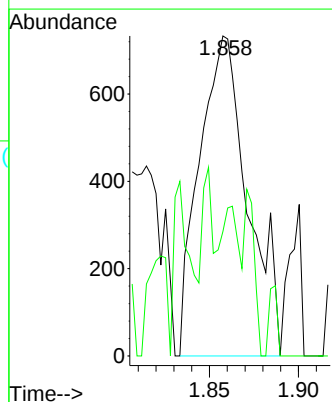
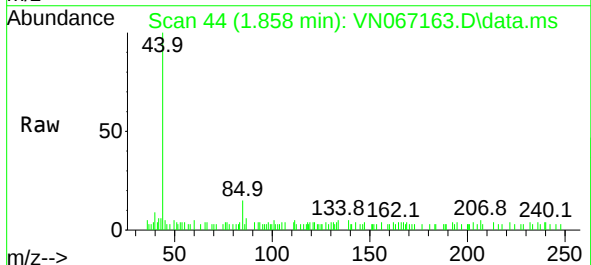
Instrument :
MSVOA_N
ClientSampleId :
IBLK

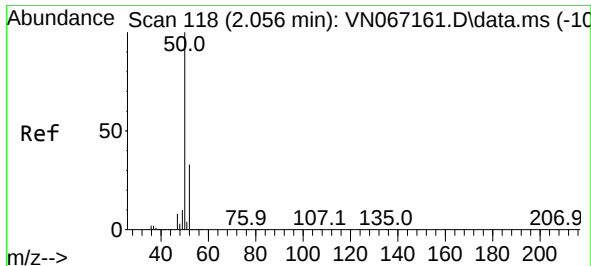
Tgt Ion:168 Resp: 223754
Ion Ratio Lower Upper
168 100
99 65.9 38.5 57.7#



#2
Dichlorodifluoromethane
Concen: 0.49 ug/l
RT: 1.858 min Scan# 44
Delta R.T. 0.006 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 85 Resp: 1389
Ion Ratio Lower Upper
85 100
87 18.4 15.8 47.4

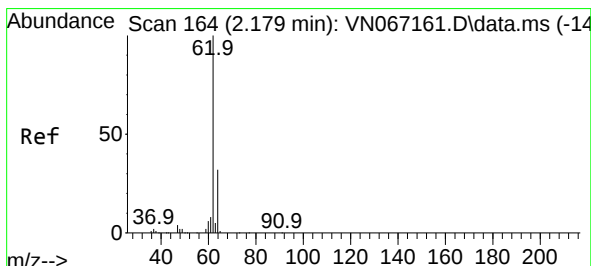
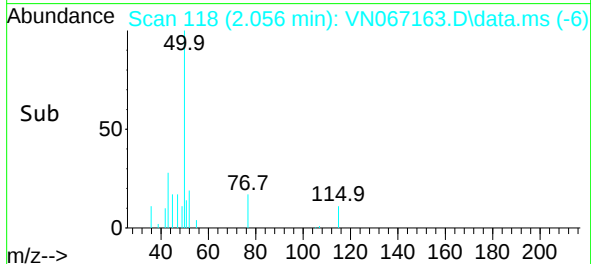
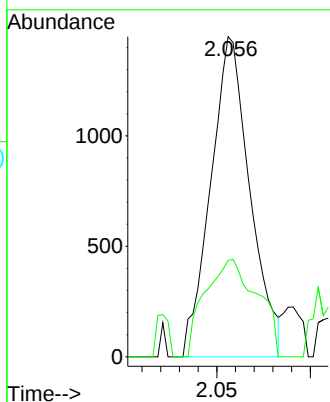
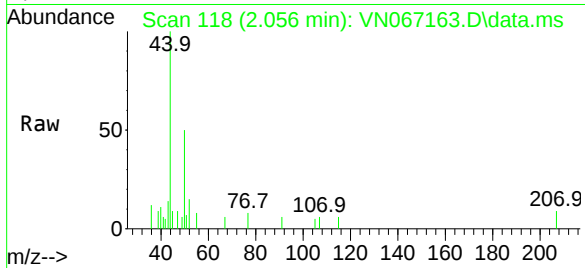




#3
Chloromethane
Concen: 0.53 ug/l
RT: 2.056 min Scan# 118
Delta R.T. -0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

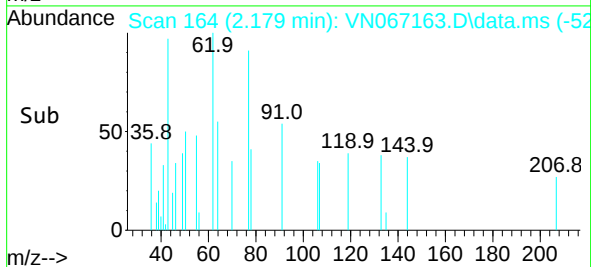
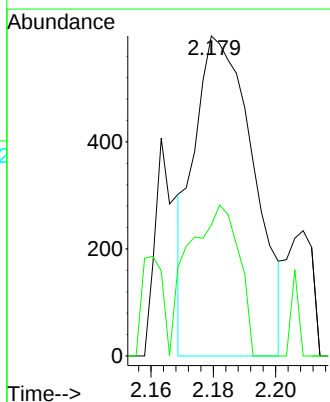
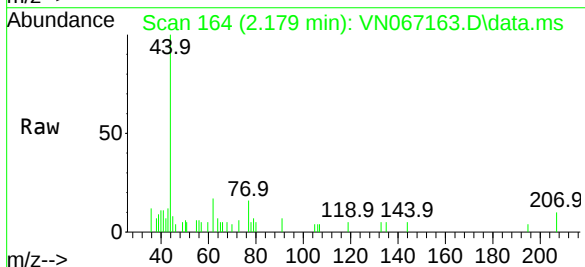
Instrument :
MSVOA_N
ClientSampleId :
IBLK

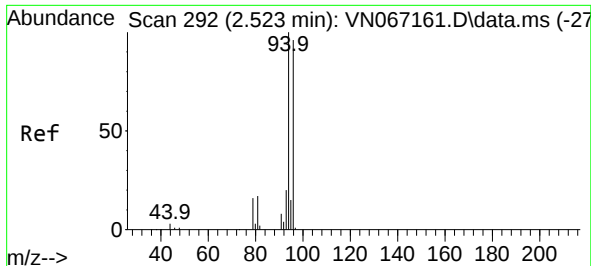
Tgt Ion: 50 Resp: 2118
Ion Ratio Lower Upper
50 100
52 30.1 26.5 39.7



#4
Vinyl Chloride
Concen: 0.23 ug/l
RT: 2.179 min Scan# 164
Delta R.T. 0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 62 Resp: 797
Ion Ratio Lower Upper
62 100
64 58.2 25.9 38.9#

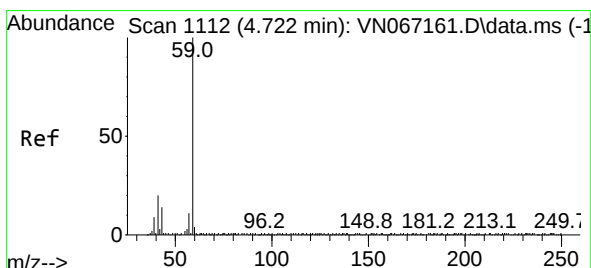
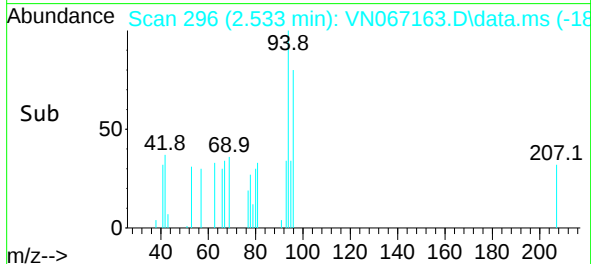
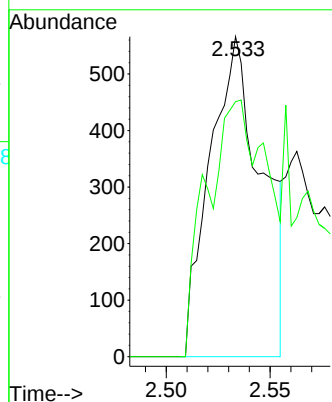
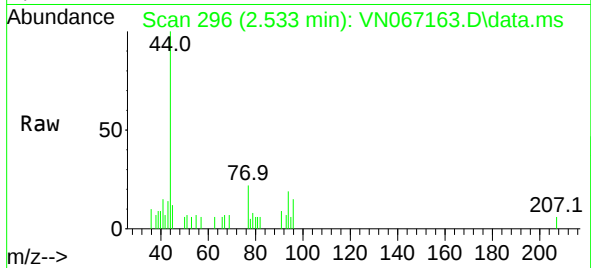




#5
Bromomethane
Concen: 0.53 ug/l
RT: 2.533 min Scan# 296
Delta R.T. 0.010 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

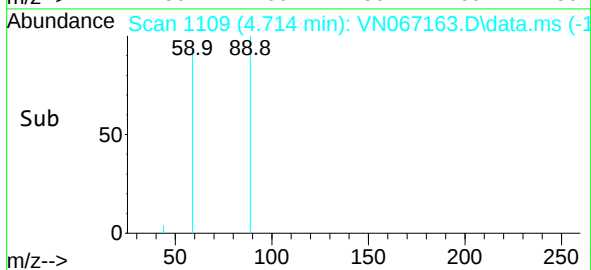
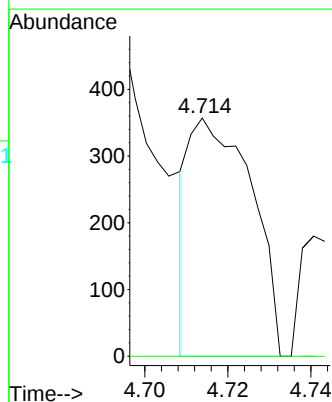
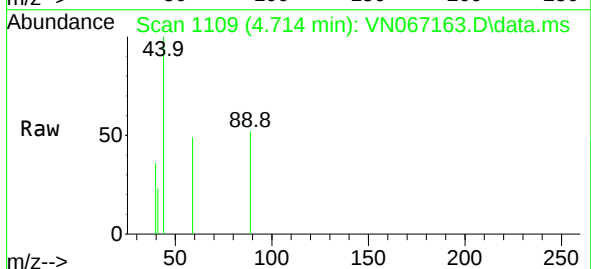
Instrument :
MSVOA_N
ClientSampled :
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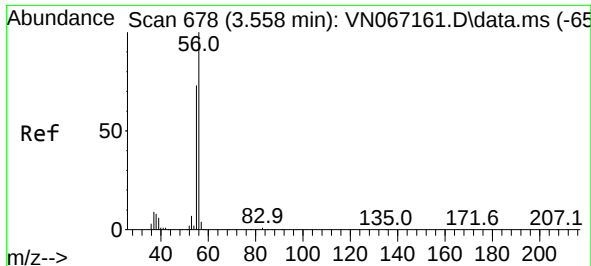
Tgt Ion: 94 Resp: 980
Ion Ratio Lower Upper
94 100
96 79.7 74.4 111.6



#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 4.714 min Scan# 1109
Delta R.T. -0.008 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 59 Resp: 374
Ion Ratio Lower Upper
59 100
57 0.0 3.5 5.3#

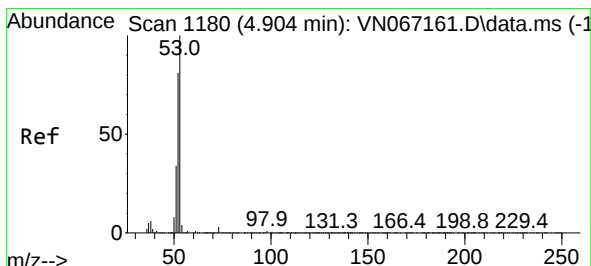
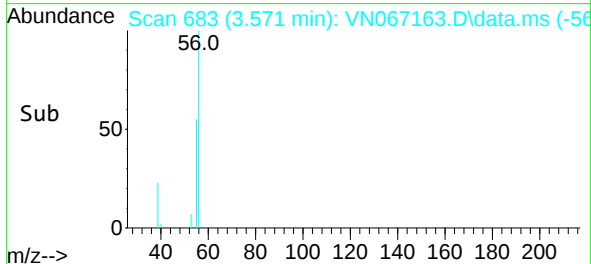
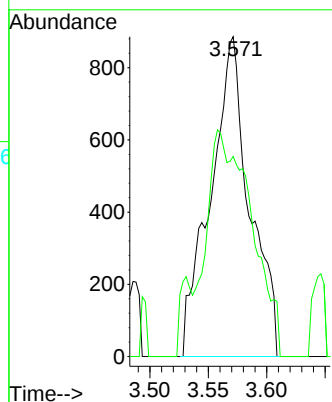
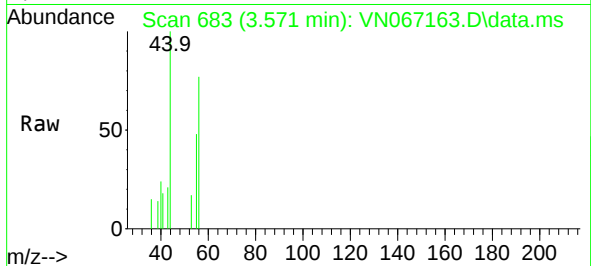




#13
Acrolein
Concen: 3.39 ug/l
RT: 3.571 min Scan# 683
Delta R.T. 0.013 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

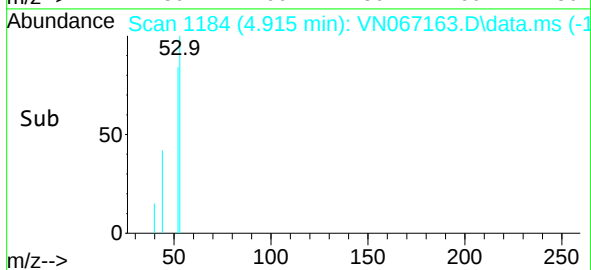
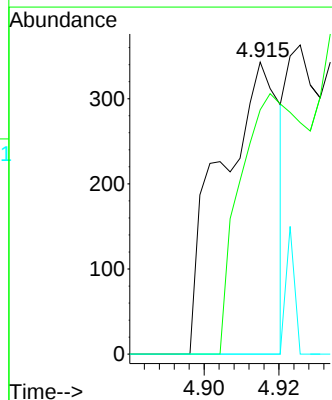
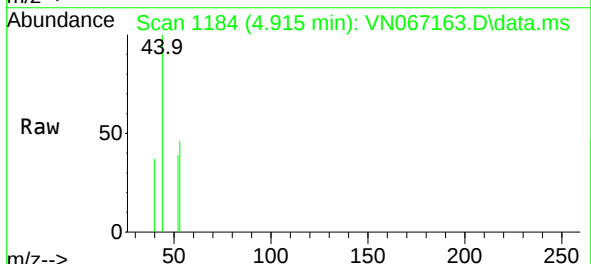
Instrument :
MSVOA_N
ClientSampled :
IBLK

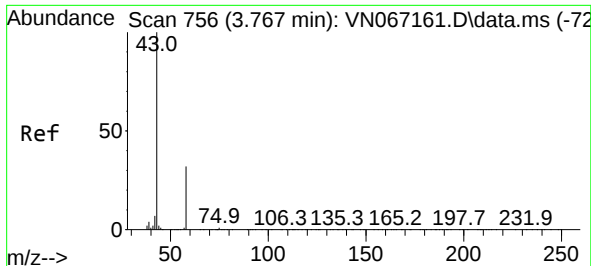
Tgt Ion: 56 Resp: 2062
Ion Ratio Lower Upper
56 100
55 80.2 53.8 80.6



#15
Acrylonitrile
Concen: 0.25 ug/l
RT: 4.915 min Scan# 1184
Delta R.T. 0.011 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 53 Resp: 374
Ion Ratio Lower Upper
53 100
52 99.7 66.6 100.0
51 6.4 28.6 42.8#

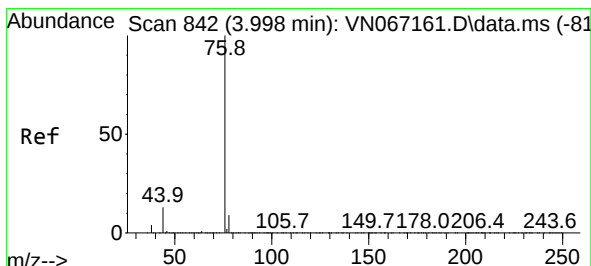
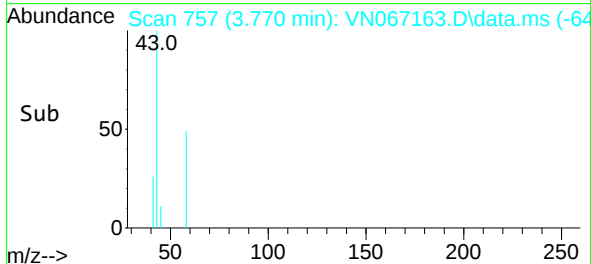
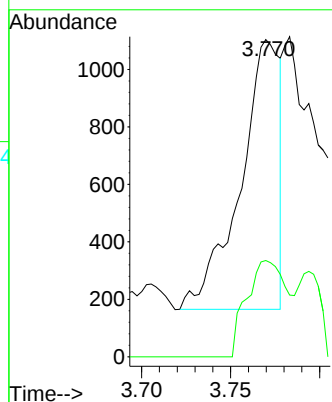
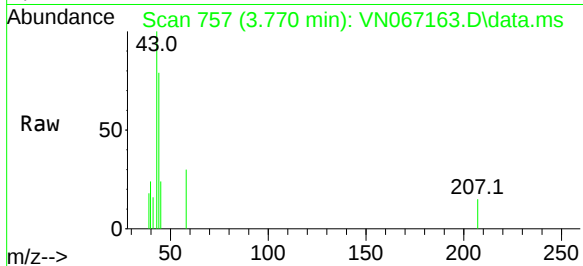




#16
Acetone
Concen: 1.01 ug/l
RT: 3.770 min Scan# 757
Delta R.T. 0.003 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

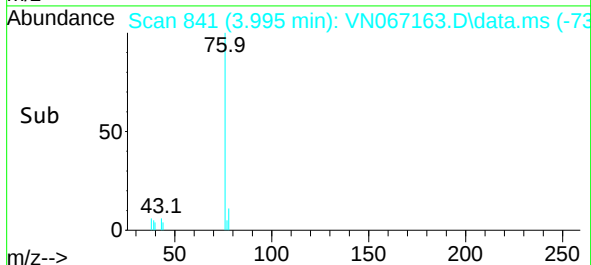
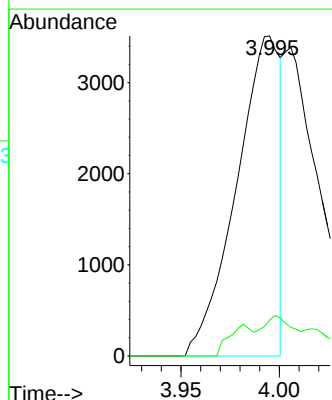
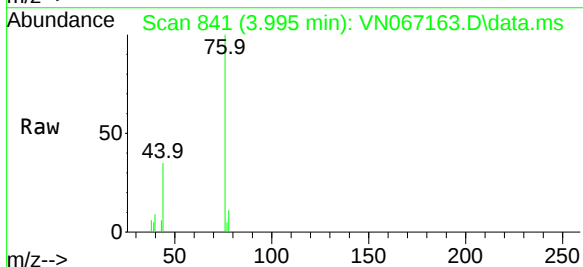
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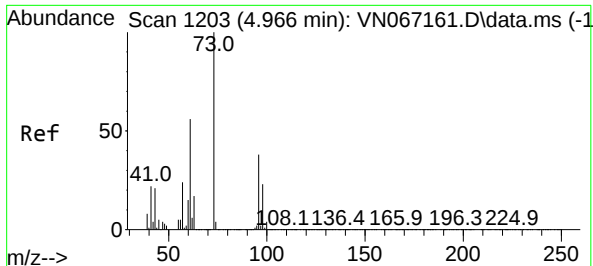
Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
58 35.7 27.2 40.8



#17
Carbon Disulfide
Concen: 0.65 ug/l
RT: 3.995 min Scan# 841
Delta R.T. -0.003 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 76 Resp: 5399
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3

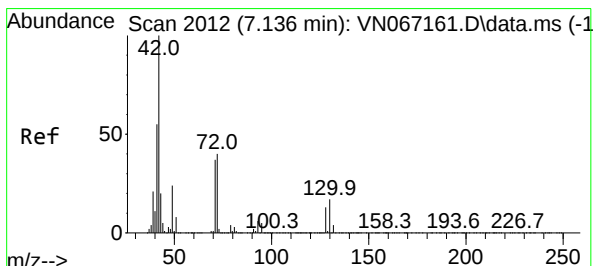
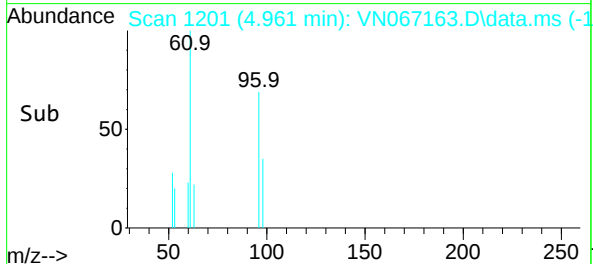
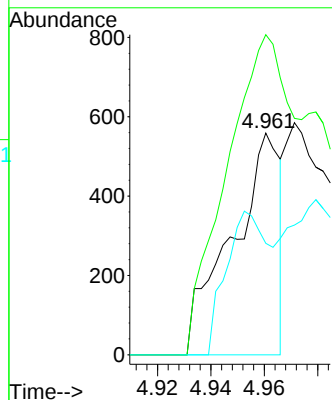
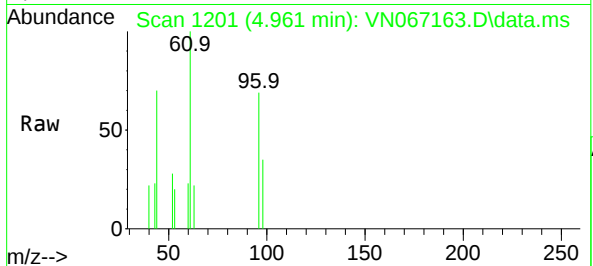




#21
trans-1,2-Dichloroethene
Concen: 0.24 ug/l
RT: 4.961 min Scan# 1201
Delta R.T. -0.005 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

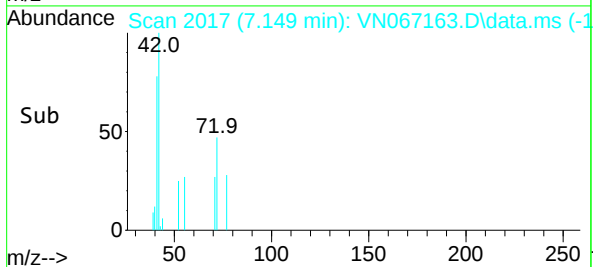
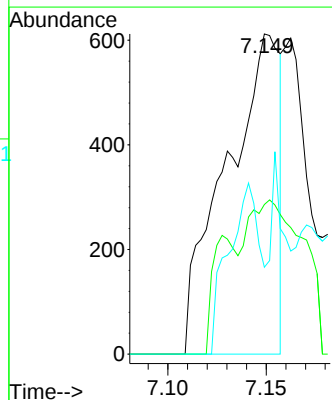
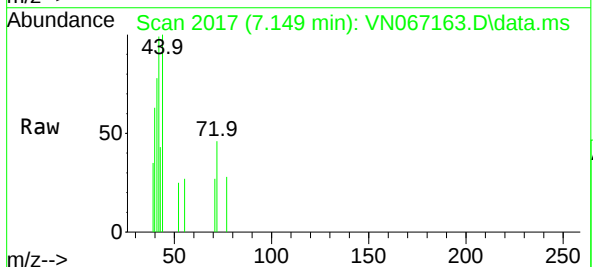
Instrument :
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ClientSampled :
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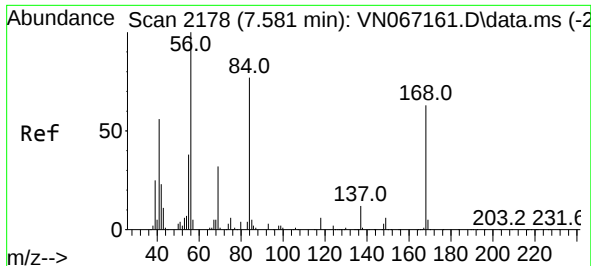
Tgt Ion: 96 Resp: 701
Ion Ratio Lower Upper
96 100
61 144.4 103.8 155.6
98 50.3 49.8 74.8



#29
Tetrahydrofuran
Concen: 0.79 ug/l
RT: 7.149 min Scan# 2017
Delta R.T. 0.013 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 42 Resp: 1159
Ion Ratio Lower Upper
42 100
72 50.7 40.1 60.1
71 6.6 37.9 56.9#

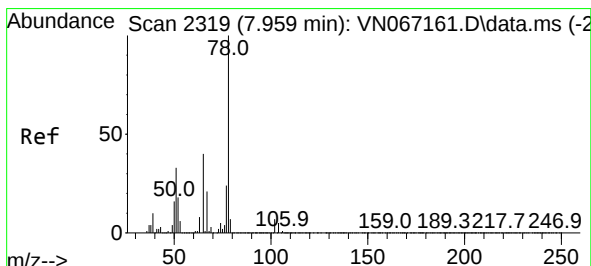
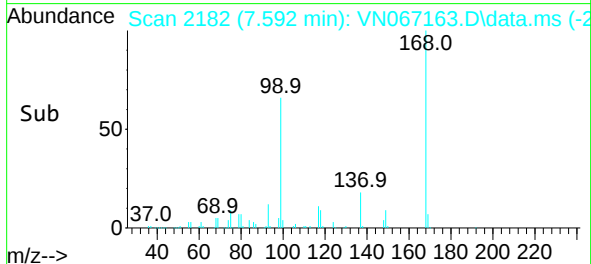
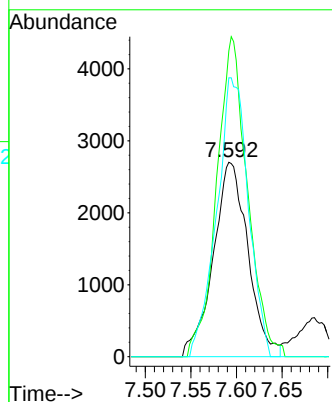
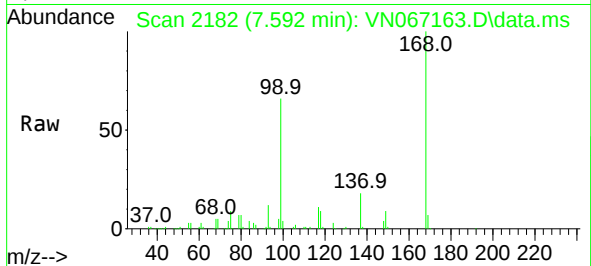




#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.592 min Scan# 2182
Delta R.T. 0.011 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

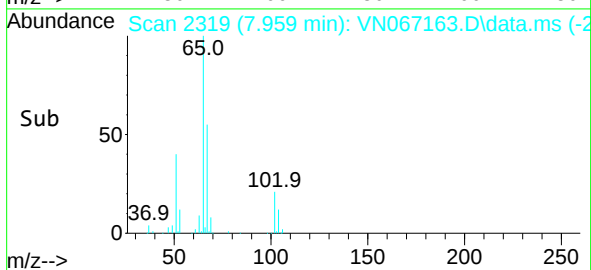
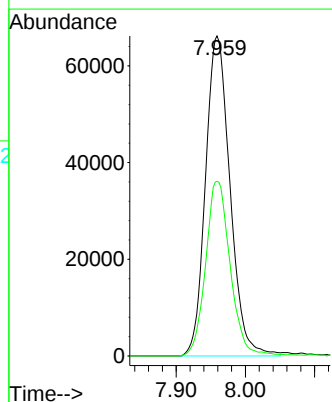
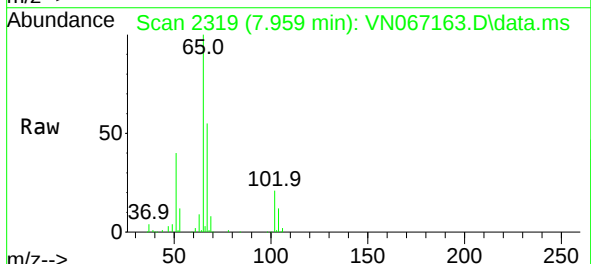
Instrument :
MSVOA_N
ClientSampled :
IBLK

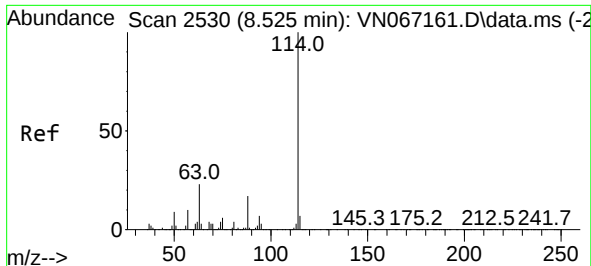
Tgt Ion: 56 Resp: 7137
Ion Ratio Lower Upper
56 100
69 157.3 28.0 42.0#
84 143.4 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 46.96 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 65 Resp: 163059
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4

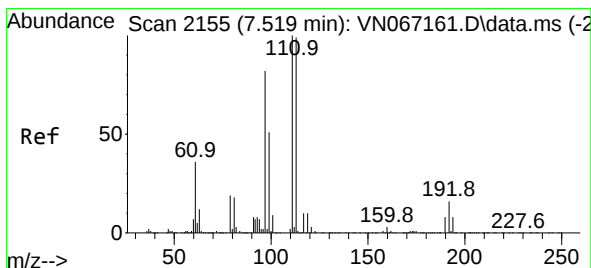
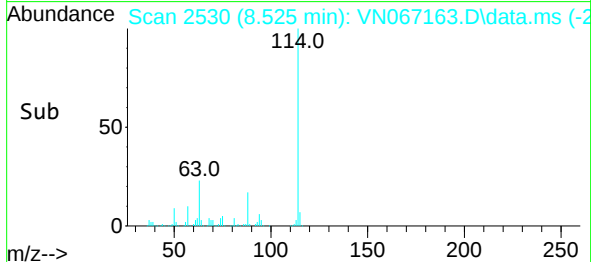
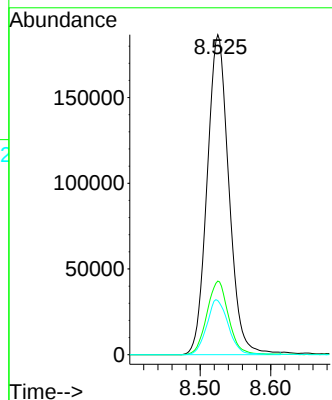
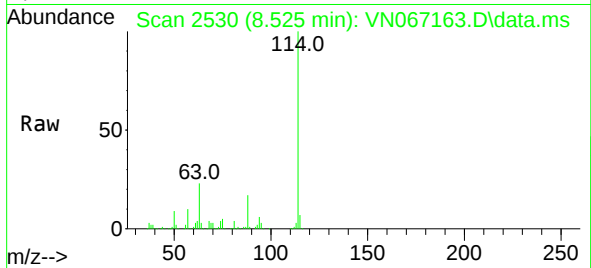




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

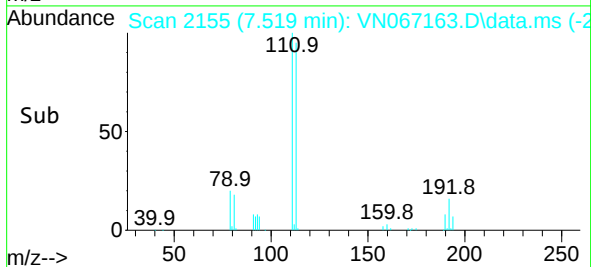
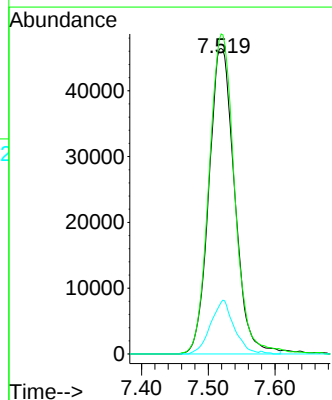
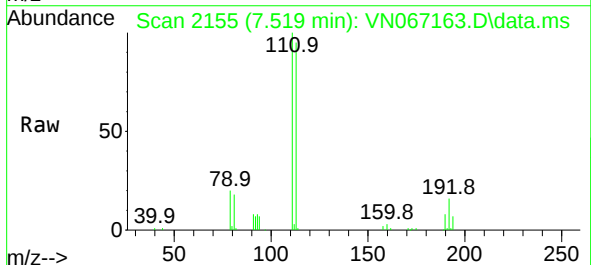
Instrument :
MSVOA_N
ClientSampleId :
IBLK

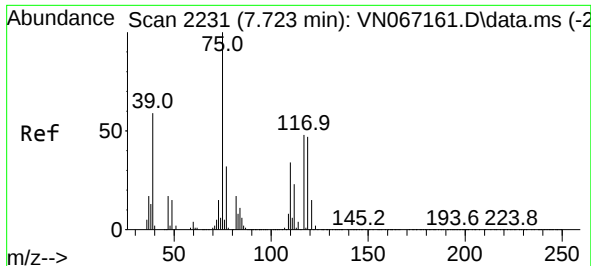
Tgt Ion:114 Resp: 400083
Ion Ratio Lower Upper
114 100
63 23.0 0.0 35.8
88 16.9 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.52 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion:113 Resp: 124045
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 16.0 18.2 27.4#

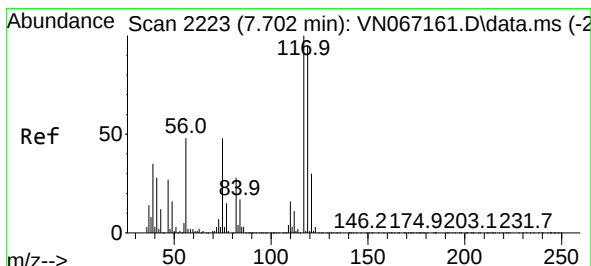
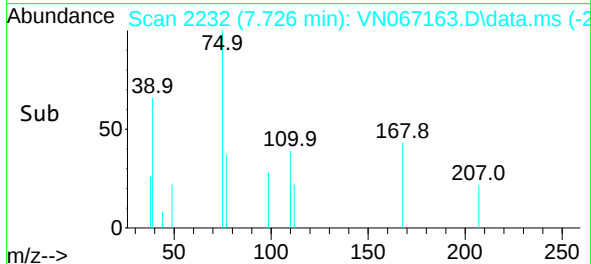
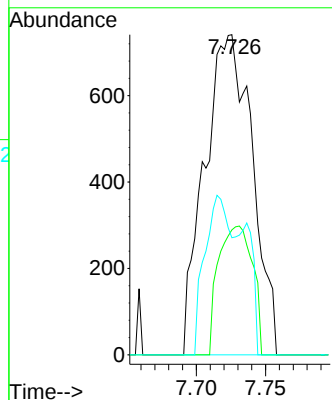
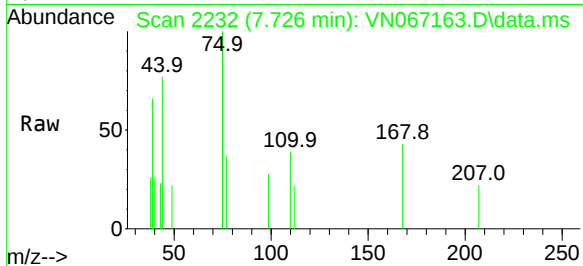




#36
1,1-Dichloropropene
Concen: 0.44 ug/l
RT: 7.726 min Scan# 2232
Delta R.T. 0.003 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

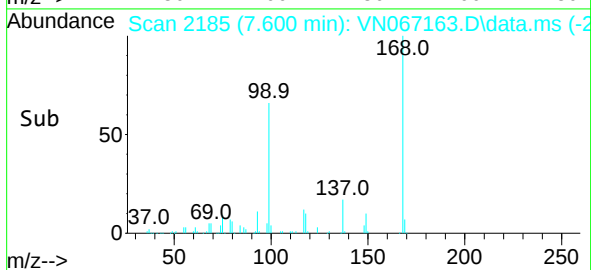
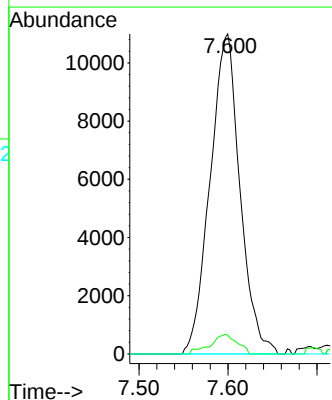
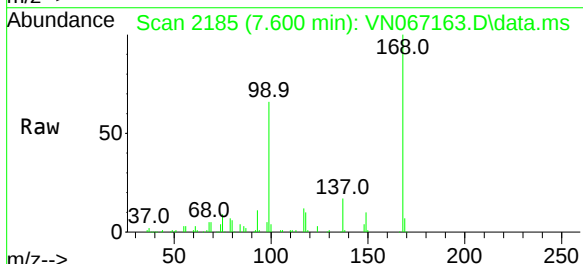
Instrument :
MSVOA_N
ClientSampled :
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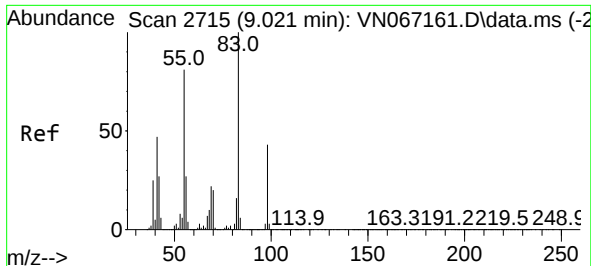
Tgt Ion: 75 Resp: 1780
Ion Ratio Lower Upper
75 100
110 28.6 19.1 57.3
77 28.4 24.8 37.2



#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.102 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 117 Resp: 25660
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.7 37.1#

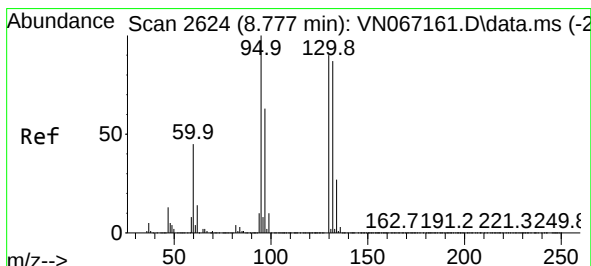
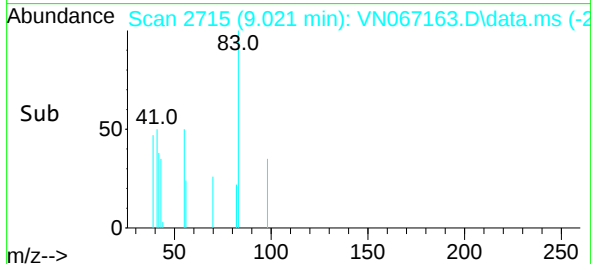
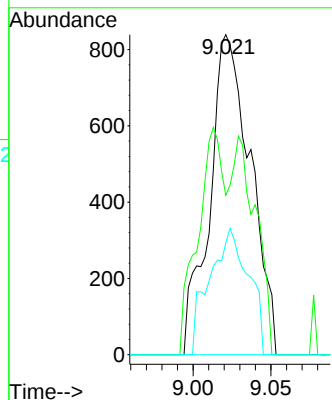
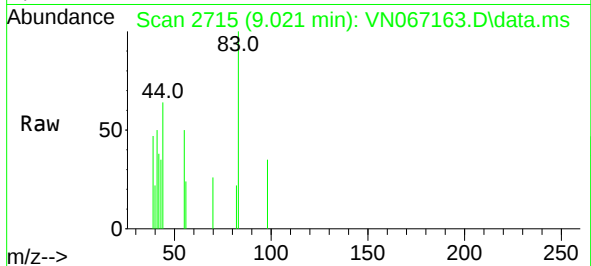




#39
Methylcyclohexane
Concen: 0.35 ug/l
RT: 9.021 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

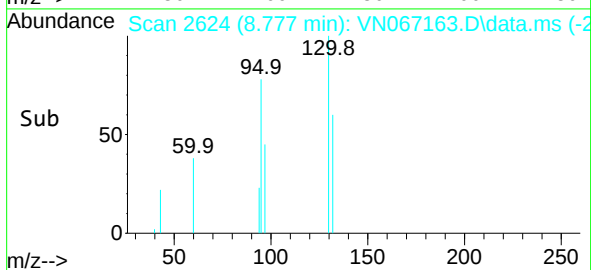
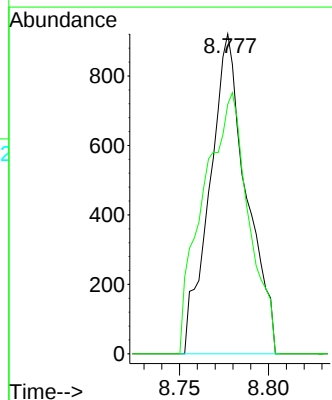
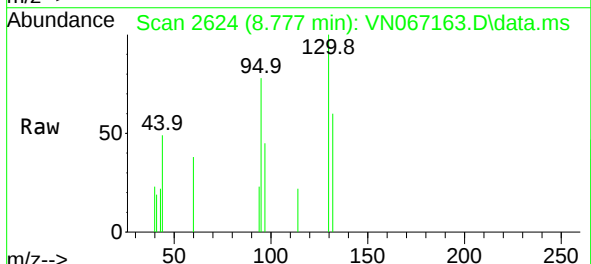
Instrument :
MSVOA_N
ClientSampleId :
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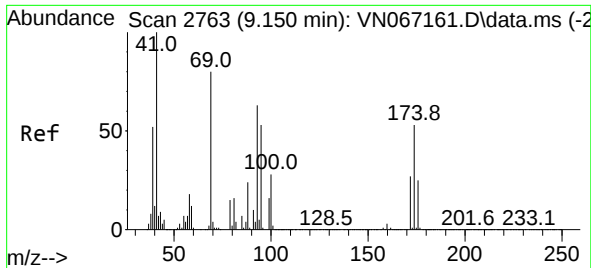
Tgt Ion: 83 Resp: 1535
Ion Ratio Lower Upper
83 100
55 49.8 56.2 84.2#
98 34.9 36.8 55.2#



#44
Trichloroethene
Concen: 0.48 ug/l
RT: 8.777 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion:130 Resp: 1323
Ion Ratio Lower Upper
130 100
95 78.0 0.0 182.4

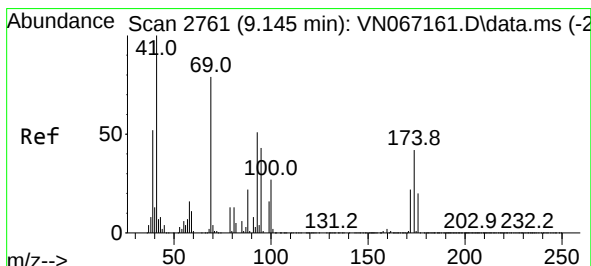
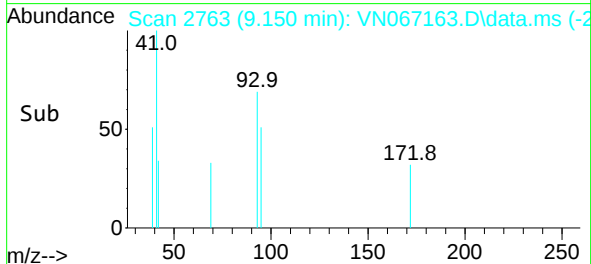
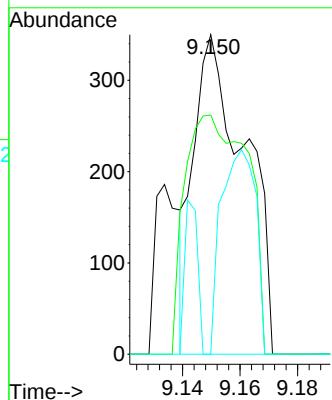
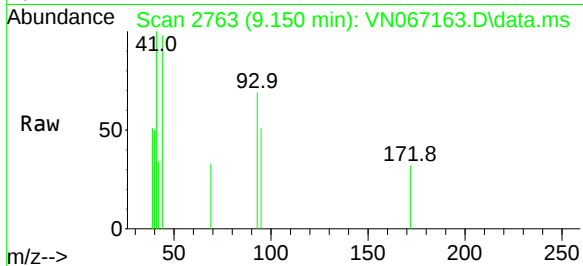




#46
Dibromomethane
Concen: 0.21 ug/l
RT: 9.150 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

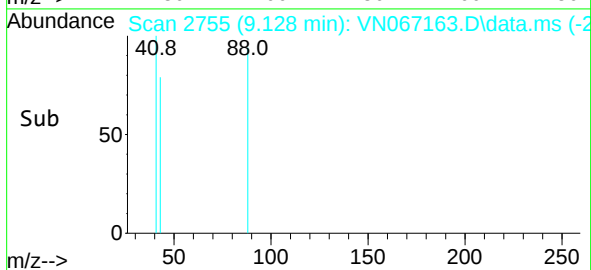
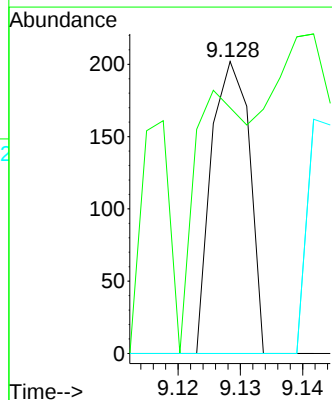
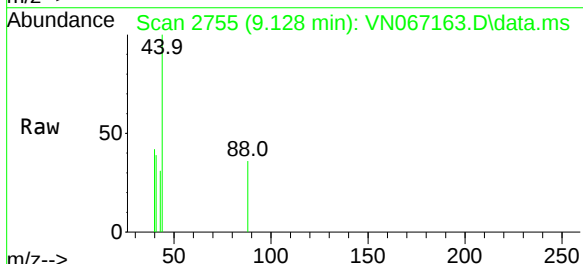
Instrument :
MSVOA_N
ClientSampled :
IBLK

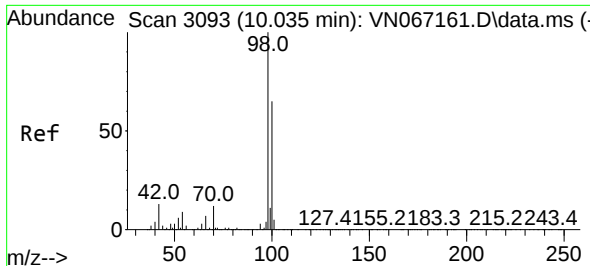
Tgt Ion: 93 Resp: 436
Ion Ratio Lower Upper
93 100
95 91.3 67.8 101.6
174 11.9 93.4 140.0#



#49
1,4-Dioxane
Concen: 62.21 ug/l
RT: 9.128 min Scan# 2755
Delta R.T. -0.017 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 124.4 21.8 32.8#
58 0.0 50.8 76.2#

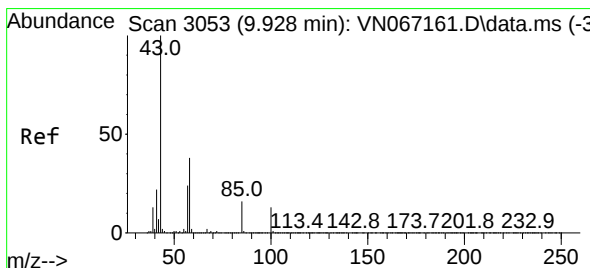
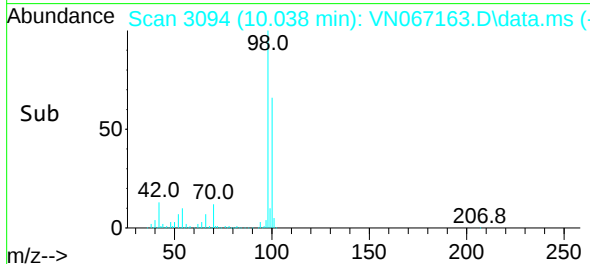
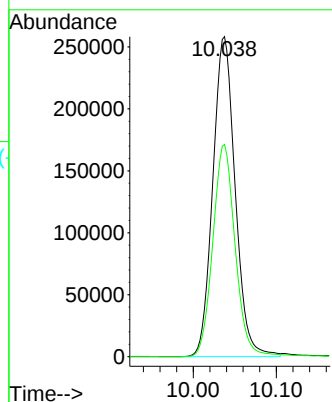
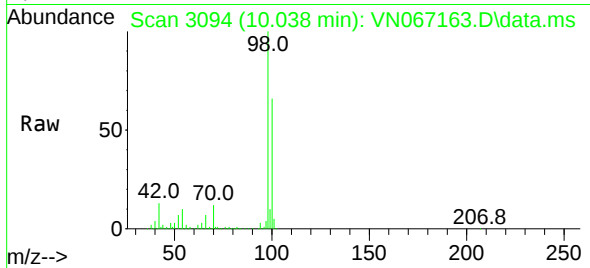




#50
Toluene-d8
Concen: 51.17 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.003 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

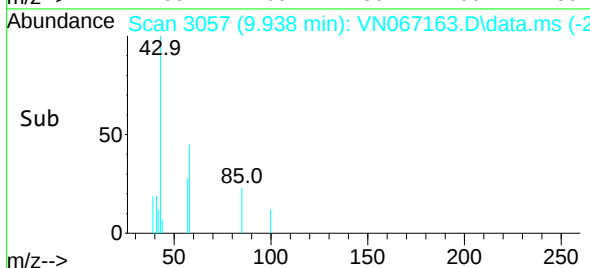
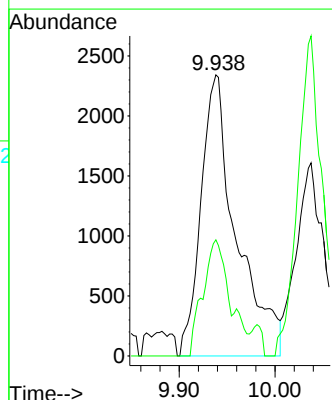
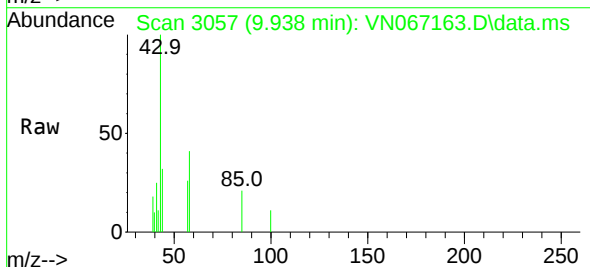
Instrument :
MSVOA_N
ClientSampled :
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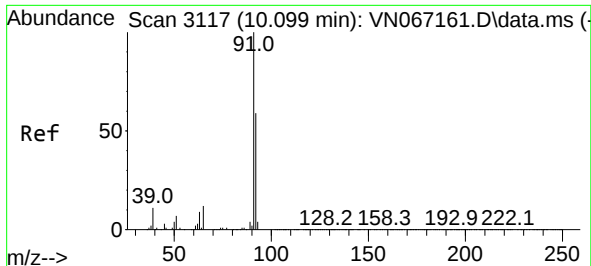
Tgt Ion: 98 Resp: 483527
Ion Ratio Lower Upper
98 100
100 66.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 9.938 min Scan# 3057
Delta R.T. 0.010 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 43 Resp: 5984
Ion Ratio Lower Upper
43 100
58 27.9 34.5 51.7#

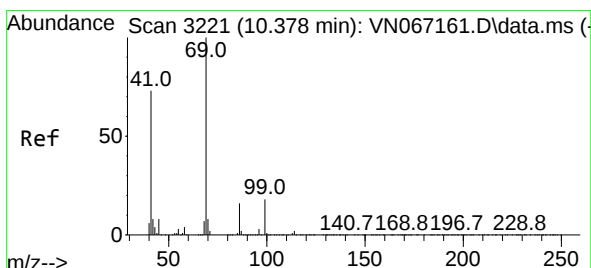
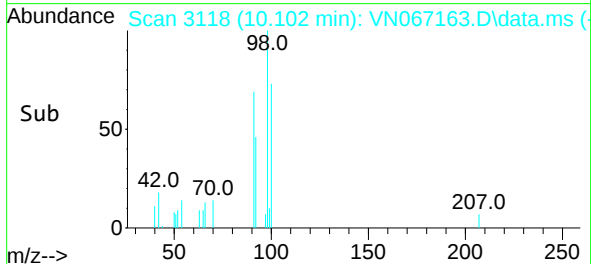
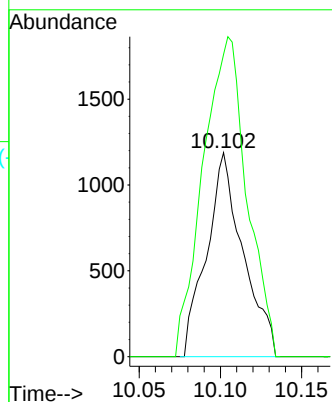
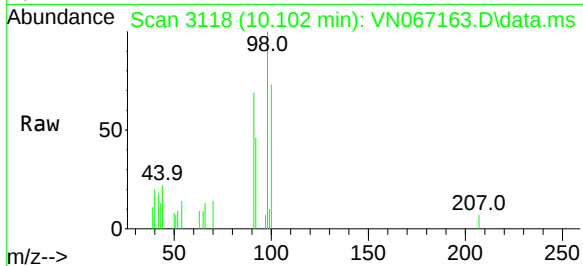




#52
Toluene
Concen: 0.25 ug/l
RT: 10.102 min Scan# 3118
Delta R.T. 0.003 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

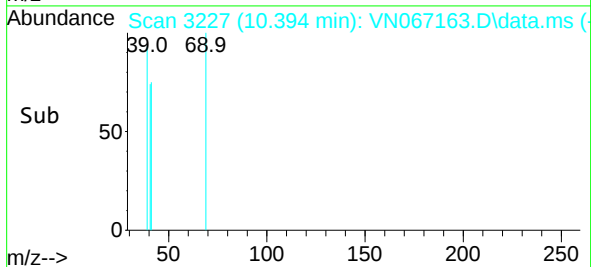
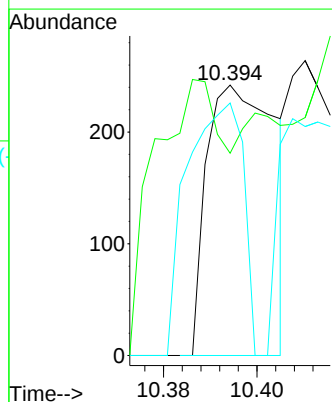
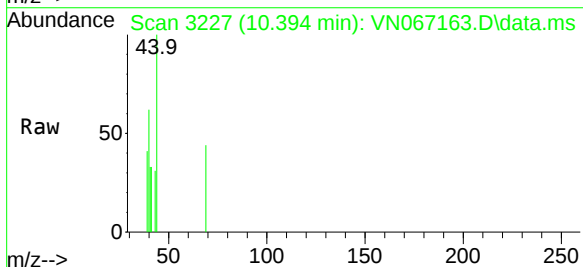
Instrument :
MSVOA_N
ClientSampled :
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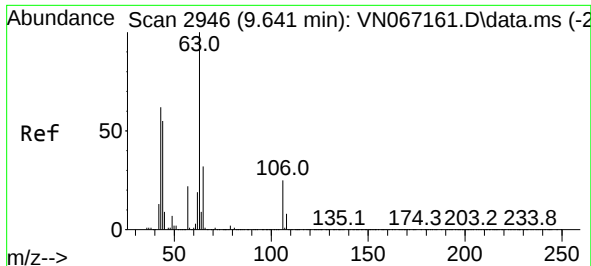
Tgt Ion: 92 Resp: 1855
Ion Ratio Lower Upper
92 100
91 188.1 138.7 208.1



#56
Ethyl methacrylate
Concen: 2.84 ug/l
RT: 10.394 min Scan# 3227
Delta R.T. 0.016 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 69 Resp: 245
Ion Ratio Lower Upper
69 100
41 105.7 45.5 68.3#
39 76.7 22.9 34.3#

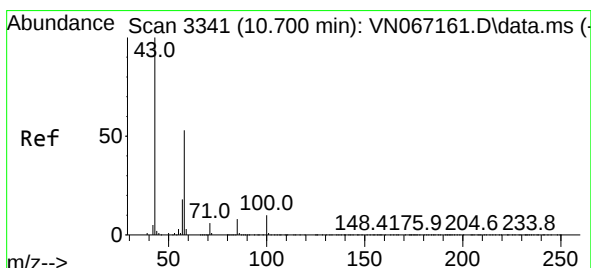
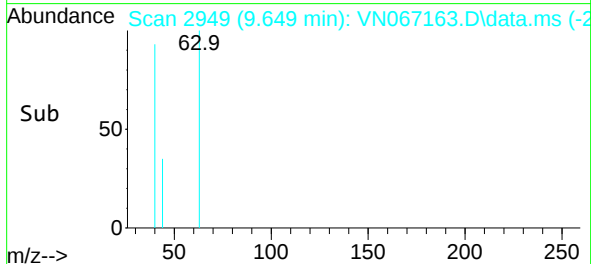
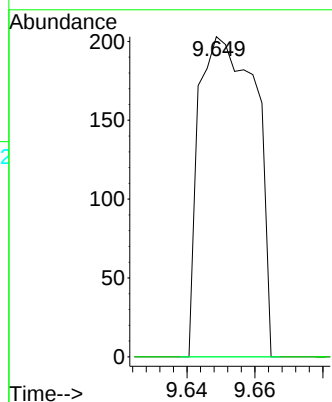
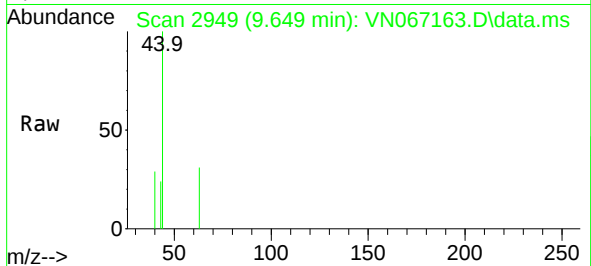




#58
2-Chloroethyl Vinyl ether
Concen: 7.08 ug/l
RT: 9.649 min Scan# 2949
Delta R.T. 0.008 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

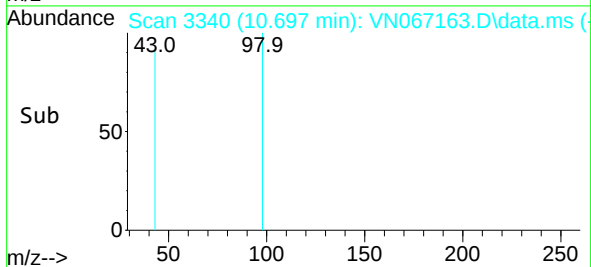
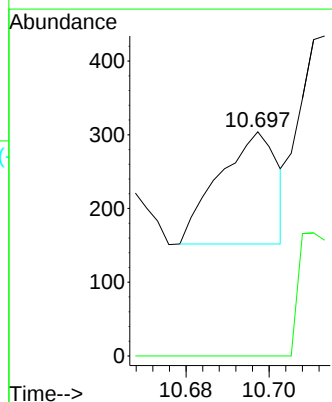
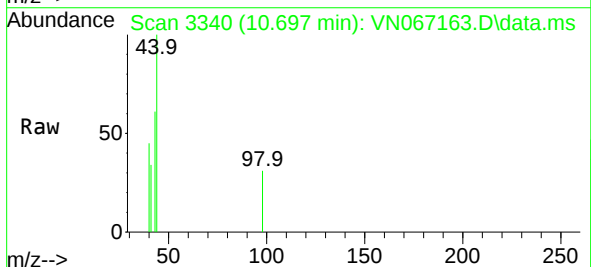
Instrument :
MSVOA_N
ClientSampled :
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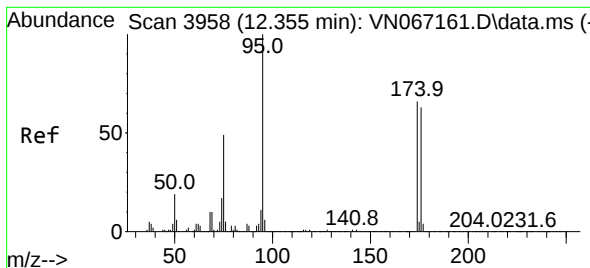
Tgt Ion: 63 Resp: 235
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 18.91 ug/l
RT: 10.697 min Scan# 3340
Delta R.T. -0.003 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

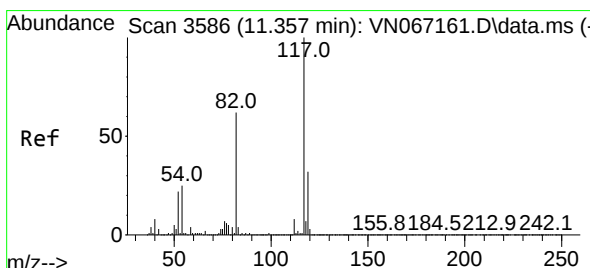
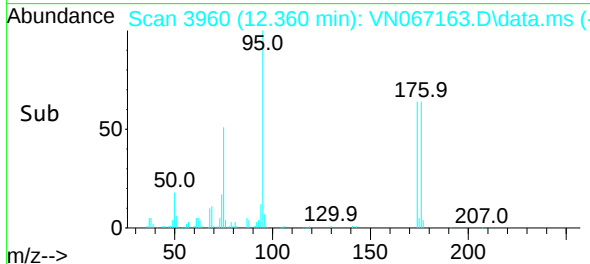
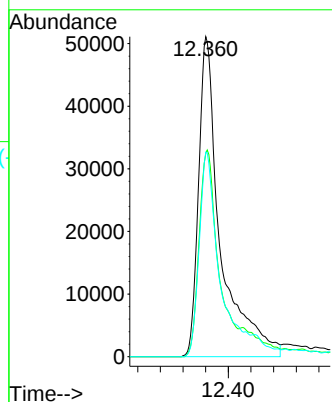
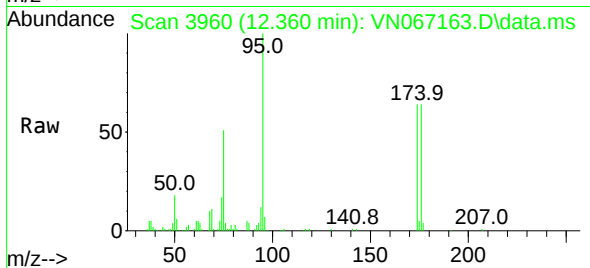




#62
4-Bromofluorobenzene
Concen: 42.56 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

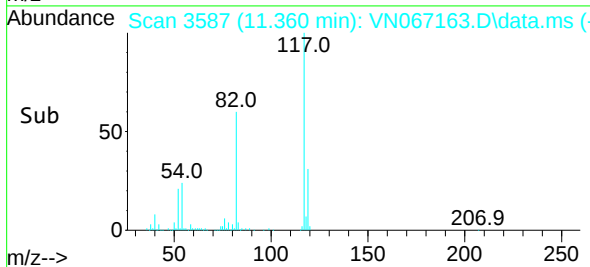
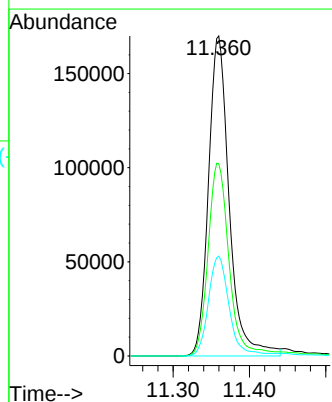
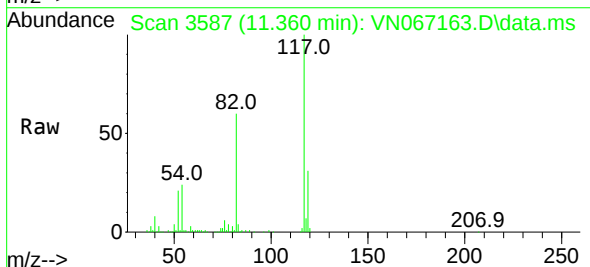
Instrument :
MSVOA_N
ClientSampleId :
IBLK

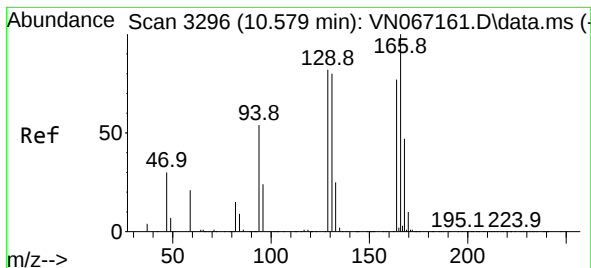
Tgt Ion: 95 Resp: 137469
Ion Ratio Lower Upper
95 100
174 56.6 0.0 182.8
176 58.7 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 117 Resp: 320773
Ion Ratio Lower Upper
117 100
82 60.1 42.2 63.2
119 31.2 25.8 38.6

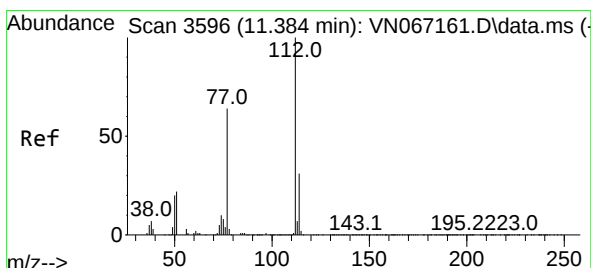
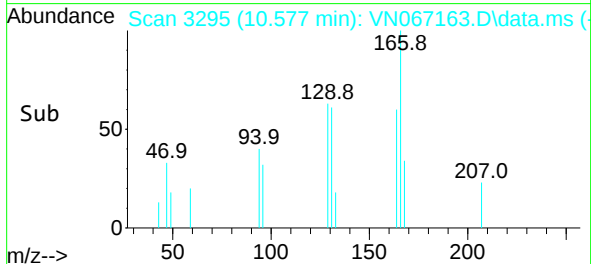
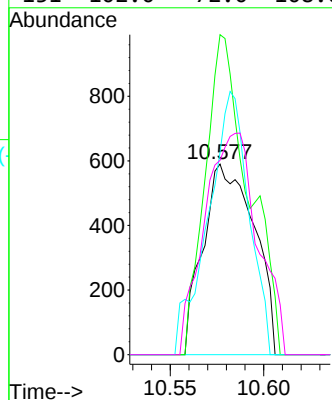
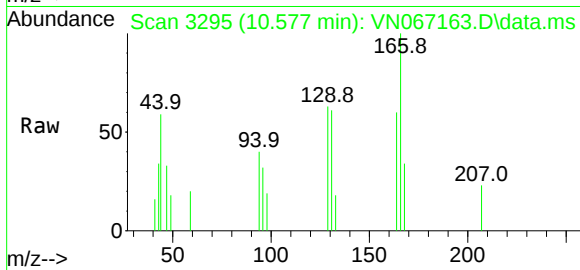




#64
Tetrachloroethene
Concen: 0.51 ug/l
RT: 10.577 min Scan# 3295
Delta R.T. -0.002 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

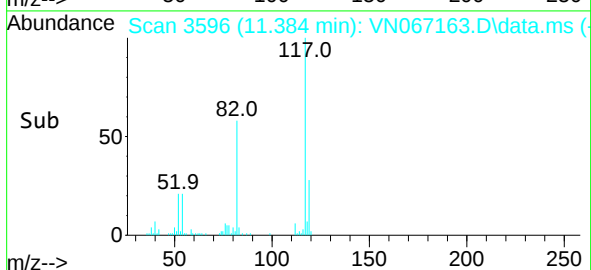
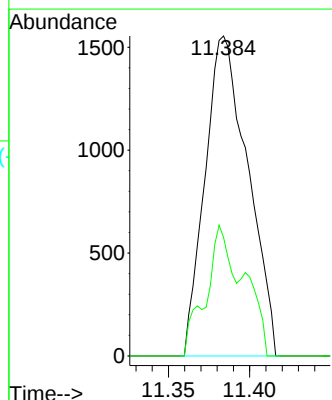
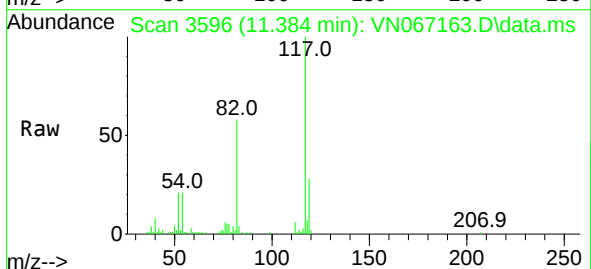
Instrument :
MSVOA_N
ClientSampleId :
IBLK

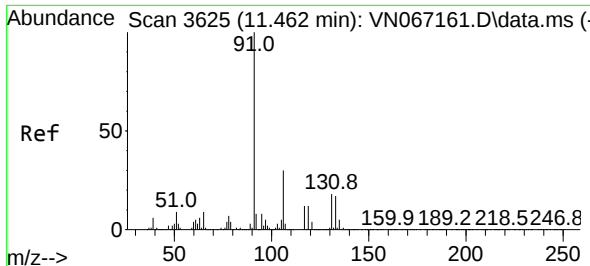
Tgt Ion:	164	Resp:	1123
Ion	Ratio	Lower	Upper
164	100		
166	168.0	103.0	154.6#
129	106.1	73.3	109.9
131	102.0	72.0	108.0



#65
Chlorobenzene
Concen: 0.43 ug/l
RT: 11.384 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion:	112	Resp:	2846
Ion	Ratio	Lower	Upper
112	100		
114	37.0	25.6	38.4

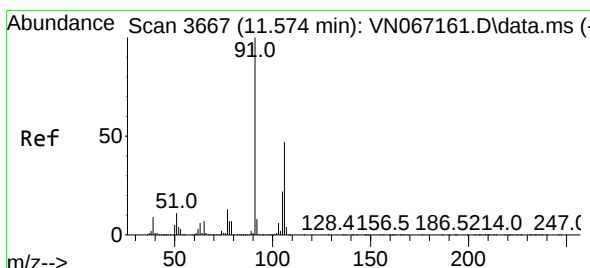
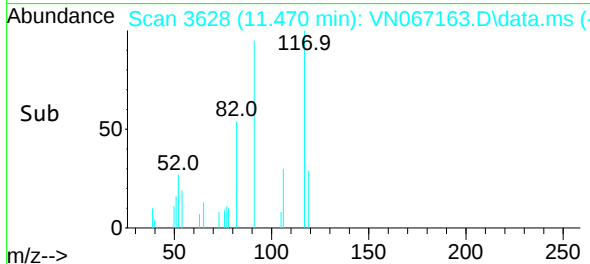
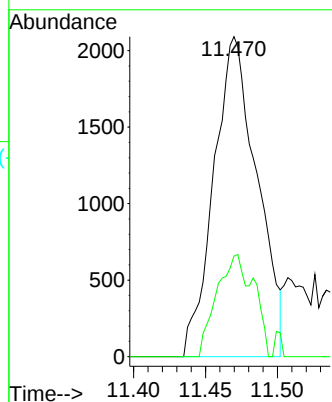
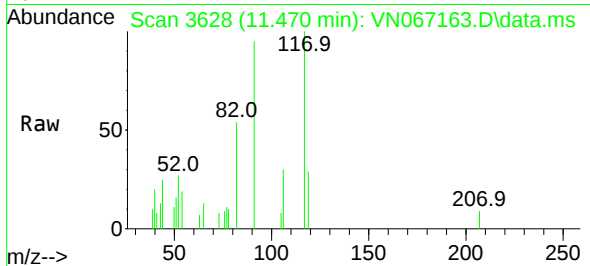




#67
Ethyl Benzene
Concen: 0.36 ug/l
RT: 11.470 min Scan# 3628
Delta R.T. 0.008 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

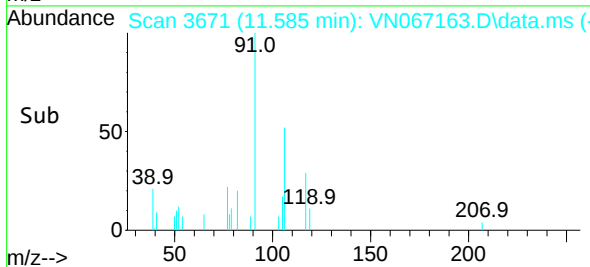
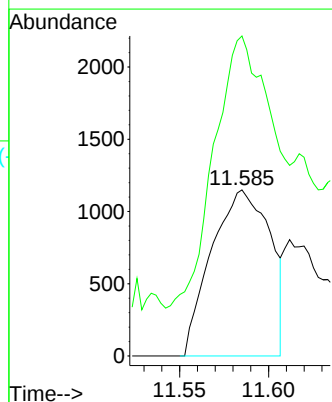
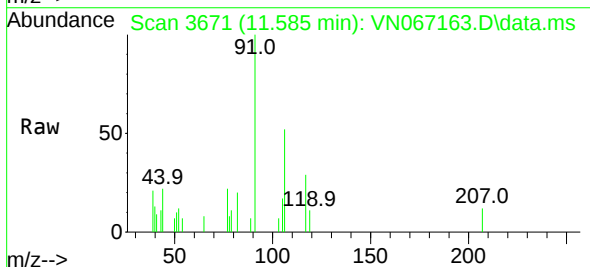
Instrument :
MSVOA_N
ClientSampleId :
IBLK

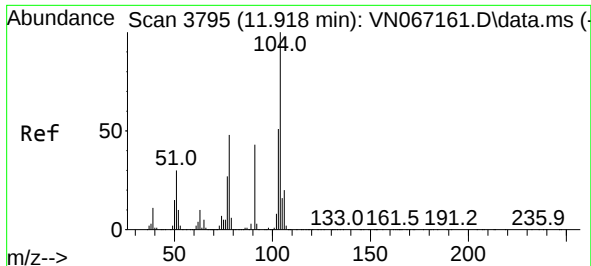
Tgt Ion: 91 Resp: 4376
Ion Ratio Lower Upper
91 100
106 31.4 26.2 39.2



#68
m/p-Xylenes
Concen: 0.61 ug/l
RT: 11.585 min Scan# 3671
Delta R.T. 0.011 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 106 Resp: 2637
Ion Ratio Lower Upper
106 100
91 163.3 155.2 232.8

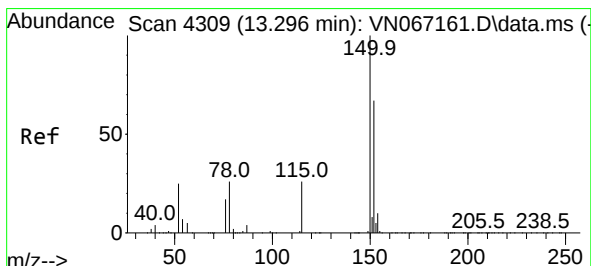
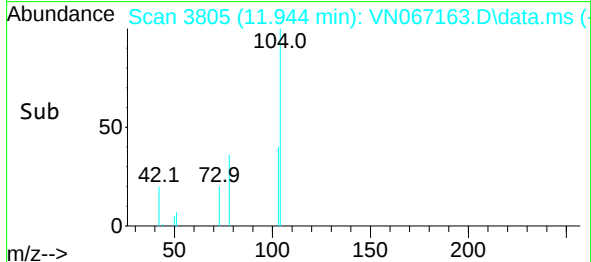
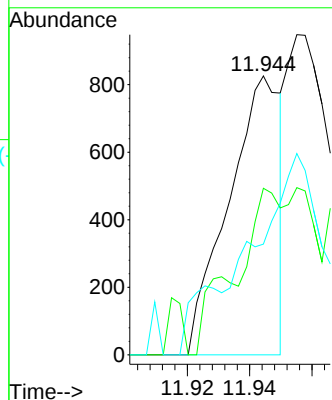
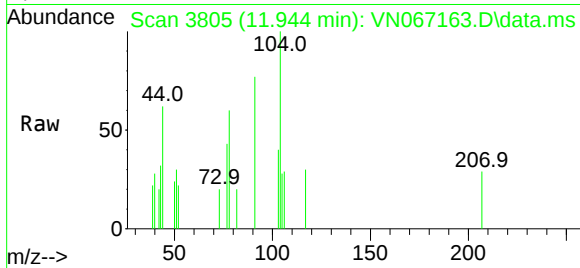




#70
Styrene
Concen: 2.62 ug/l
RT: 11.944 min Scan# 3805
Delta R.T. 0.026 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

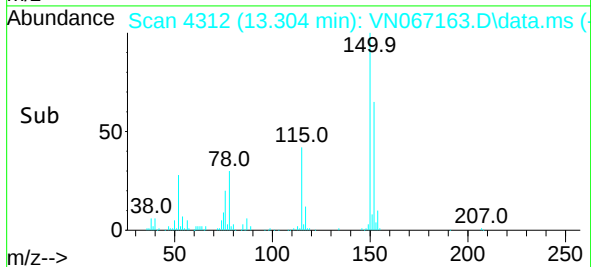
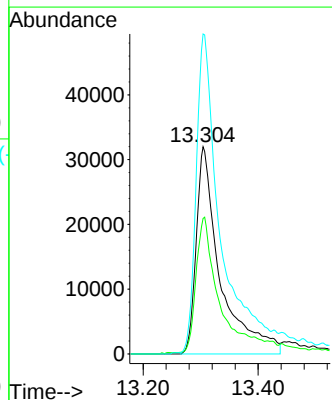
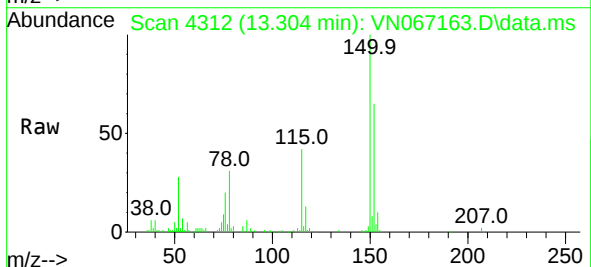
Instrument :
MSVOA_N
ClientSampled :
IBLK

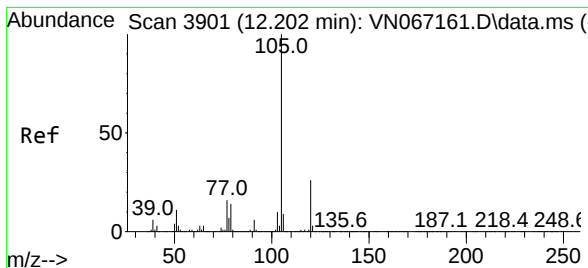
Tgt Ion:104 Resp: 954
Ion Ratio Lower Upper
104 100
78 17.6 37.7 56.5#
103 84.3 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.008 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion:152 Resp: 92529
Ion Ratio Lower Upper
152 100
115 62.2 27.0 80.8
150 156.1 0.0 350.2





#73

Isopropylbenzene

Concen: 0.57 ug/l

RT: 12.210 min Scan# 3904

Delta R.T. 0.008 min

Lab File: VN067163.D

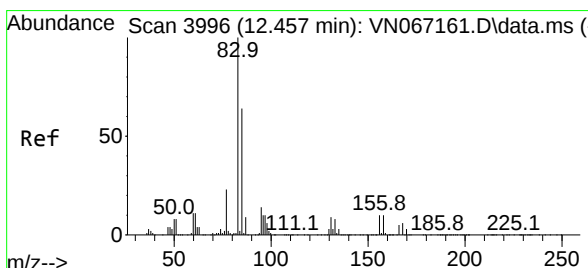
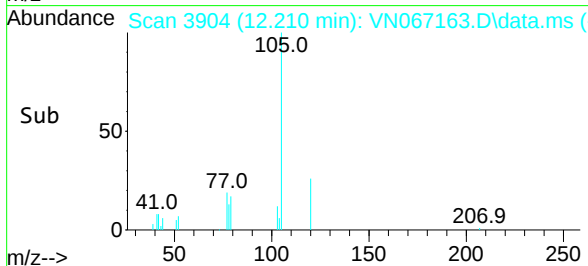
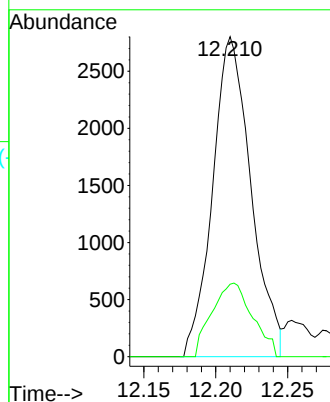
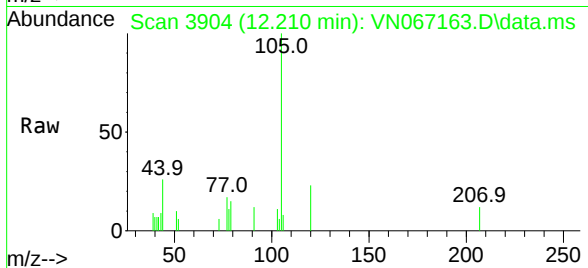
Acq: 21 May 2021 16:47

Tgt Ion:105 Resp: 5197

Ion Ratio Lower Upper

105 100

120 24.4 13.7 41.0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.24 ug/l

RT: 12.473 min Scan# 4002

Delta R.T. 0.016 min

Lab File: VN067163.D

Acq: 21 May 2021 16:47

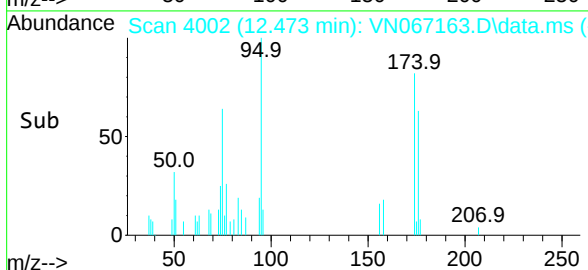
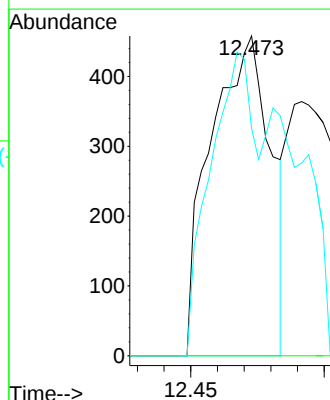
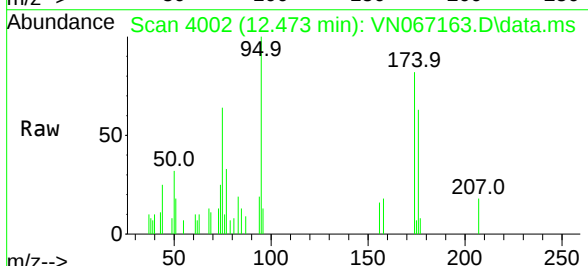
Tgt Ion: 83 Resp: 713

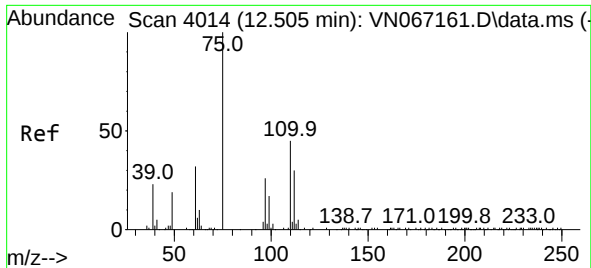
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 70.7 32.6 97.8

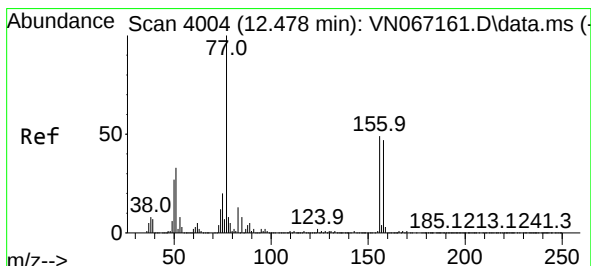
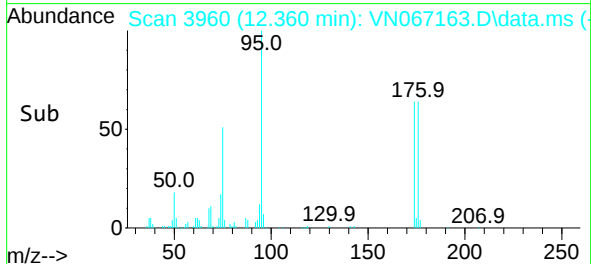
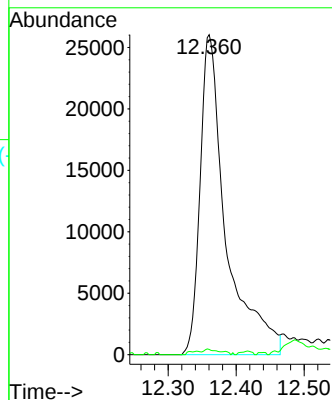
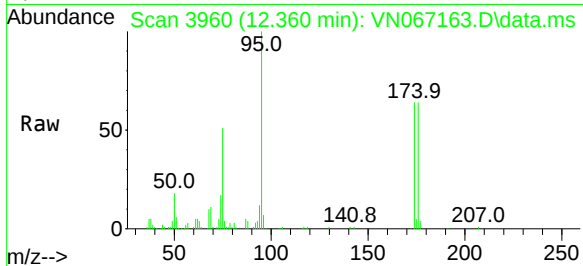




#76
1,2,3-Trichloropropane
Concen: 26.77 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. -0.145 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

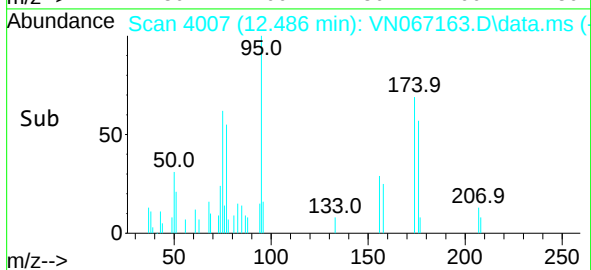
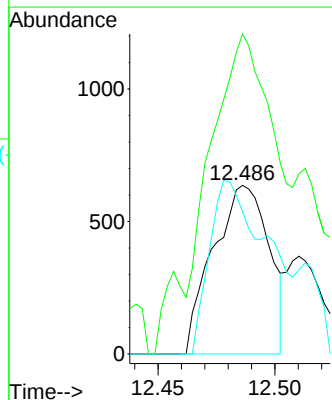
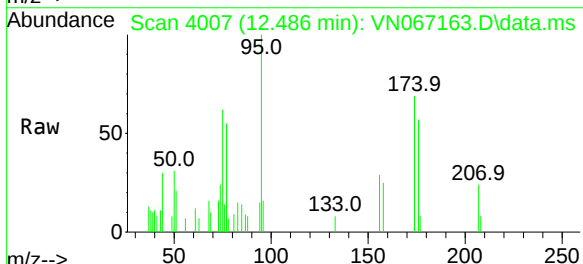
Instrument :
MSVOA_N
ClientSampled :
IBLK

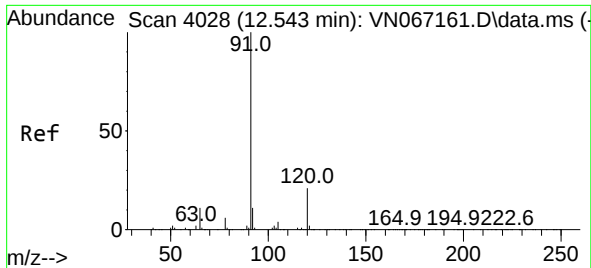
Tgt Ion: 75 Resp: 68955
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#77
Bromobenzene
Concen: 0.58 ug/l
RT: 12.486 min Scan# 4007
Delta R.T. 0.008 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 156 Resp: 1058
Ion Ratio Lower Upper
156 100
77 167.5 87.9 263.8
158 107.7 49.0 147.2

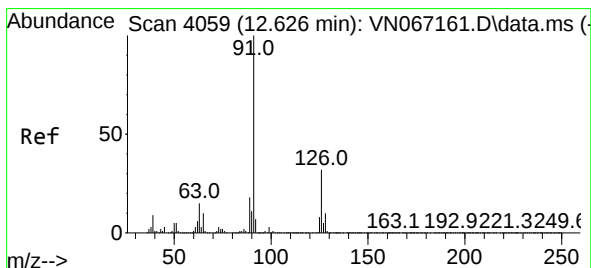
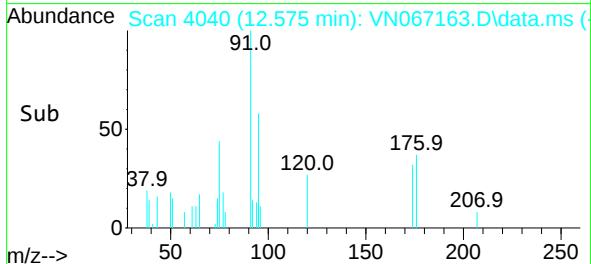
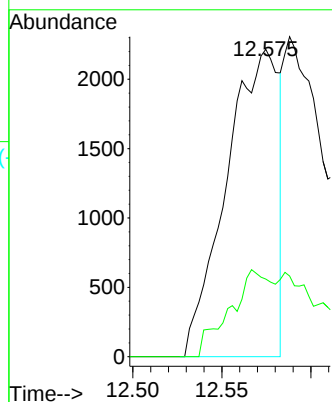
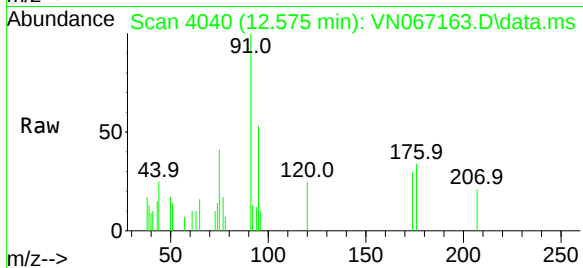




#78
n-propylbenzene
Concen: 0.47 ug/l
RT: 12.575 min Scan# 4040
Delta R.T. 0.032 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

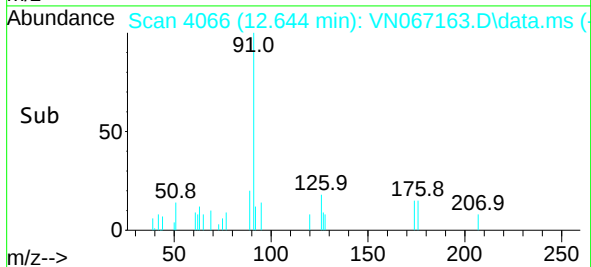
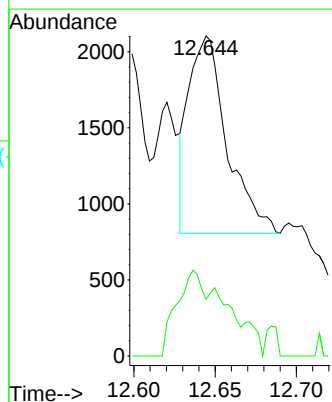
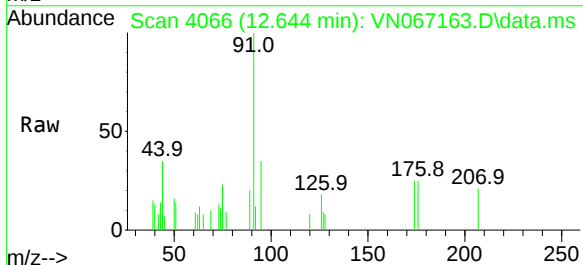
Instrument :
MSVOA_N
ClientSampleId :
IBLK

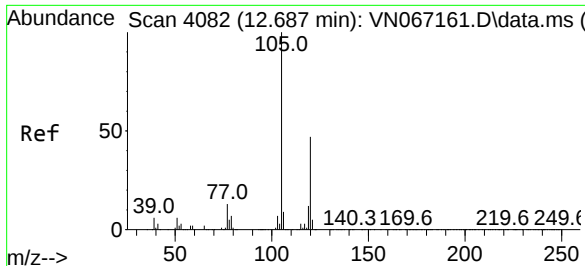
Tgt Ion: 91 Resp: 4523
Ion Ratio Lower Upper
91 100
120 23.1 12.7 38.0



#79
2-Chlorotoluene
Concen: 0.34 ug/l
RT: 12.644 min Scan# 4066
Delta R.T. 0.018 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 91 Resp: 2139
Ion Ratio Lower Upper
91 100
126 30.5 18.3 54.8

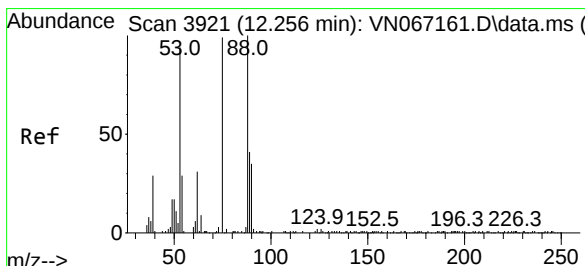
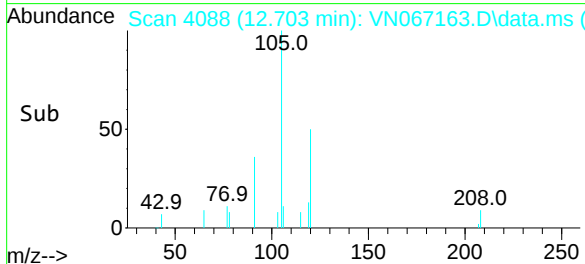
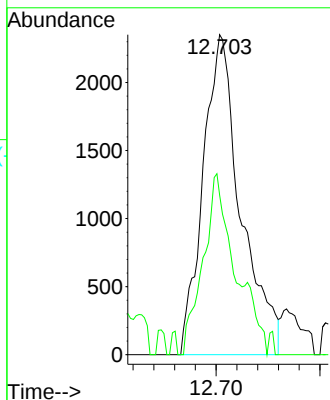
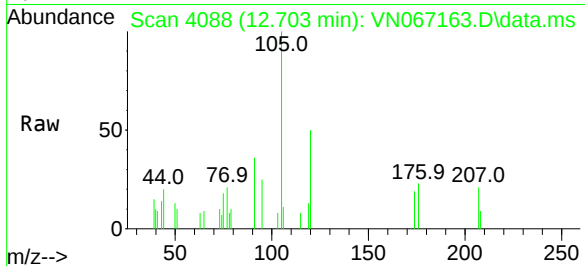




#80
1,3,5-Trimethylbenzene
Concen: 0.79 ug/l
RT: 12.703 min Scan# 4088
Delta R.T. 0.016 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

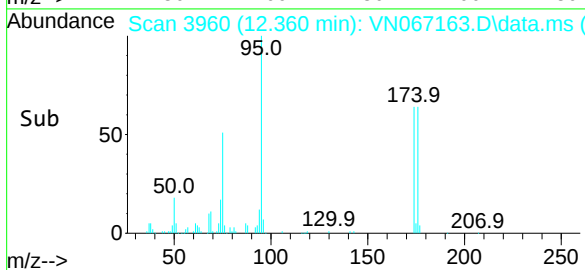
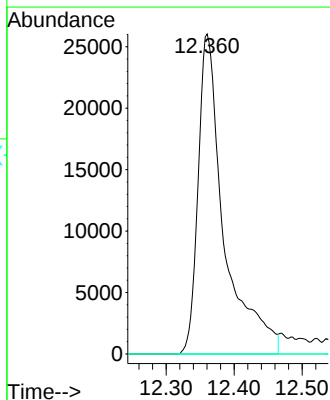
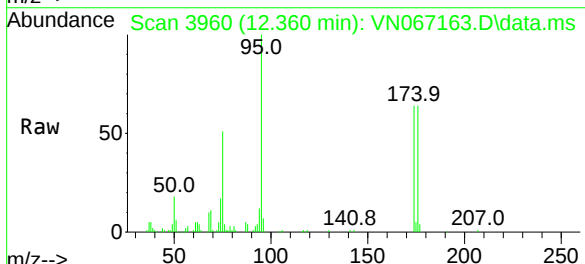
Instrument :
MSVOA_N
ClientSampled :
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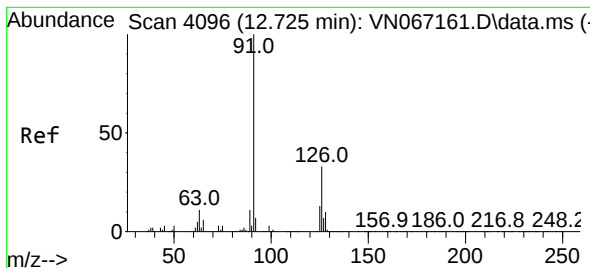
Tgt Ion:105 Resp: 5924
Ion Ratio Lower Upper
105 100
120 41.1 25.0 75.0



#81
trans-1,4-Dichloro-2-butene
Concen: 74.98 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.104 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 75 Resp: 68955
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

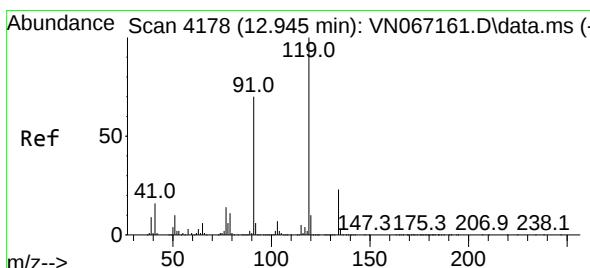
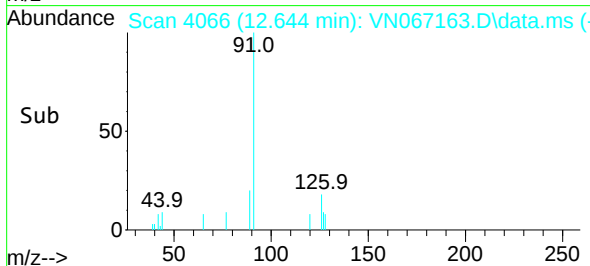
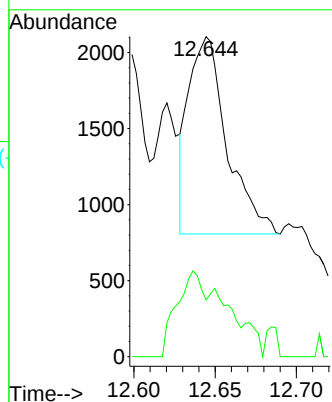
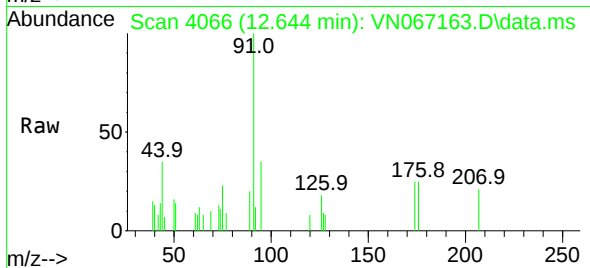




#82
4-Chlorotoluene
Concen: 0.38 ug/l
RT: 12.644 min Scan# 4066
Delta R.T. -0.081 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

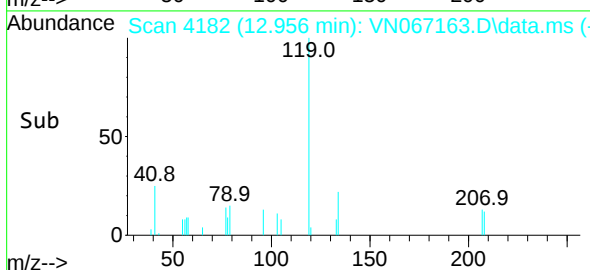
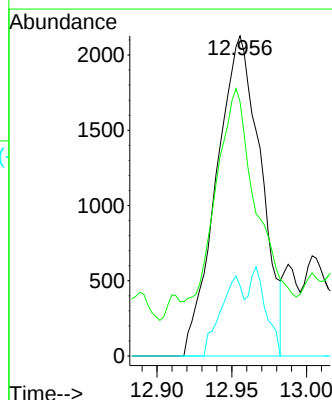
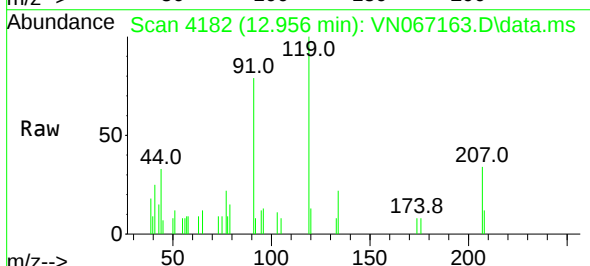
Instrument :
MSVOA_N
ClientSampled :
IBLK

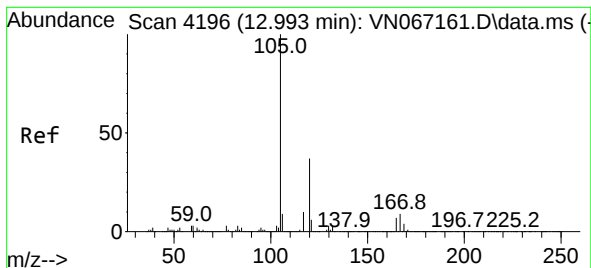
Tgt Ion: 91 Resp: 2139
Ion Ratio Lower Upper
91 100
126 30.5 17.7 53.1



#83
tert-Butylbenzene
Concen: 0.65 ug/l
RT: 12.956 min Scan# 4182
Delta R.T. 0.011 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 119 Resp: 4387
Ion Ratio Lower Upper
119 100
91 58.2 30.2 90.6
134 12.7 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 1.09 ug/l

RT: 13.009 min Scan# 4202

Delta R.T. 0.016 min

Lab File: VN067163.D

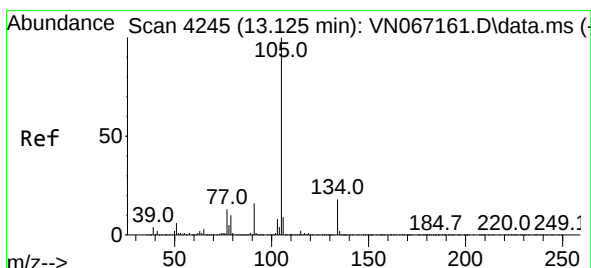
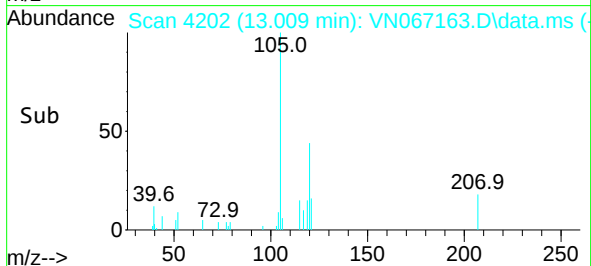
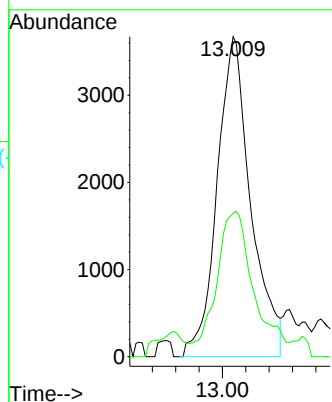
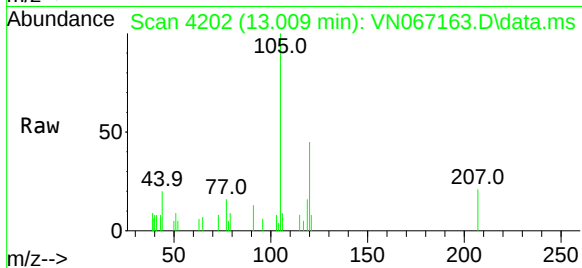
Acq: 21 May 2021 16:47

Tgt Ion:105 Resp: 7350

Ion Ratio Lower Upper

105 100

120 43.3 23.8 71.2



#85

sec-Butylbenzene

Concen: 0.97 ug/l

RT: 13.130 min Scan# 4247

Delta R.T. 0.005 min

Lab File: VN067163.D

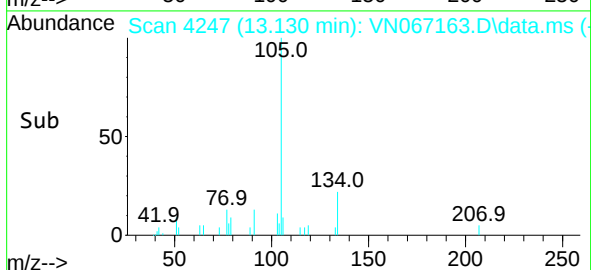
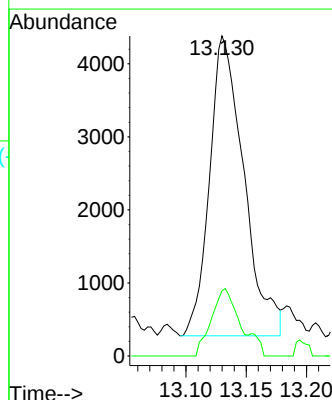
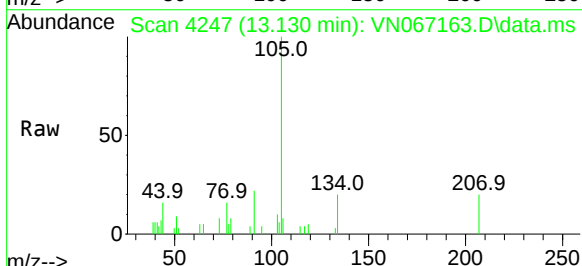
Acq: 21 May 2021 16:47

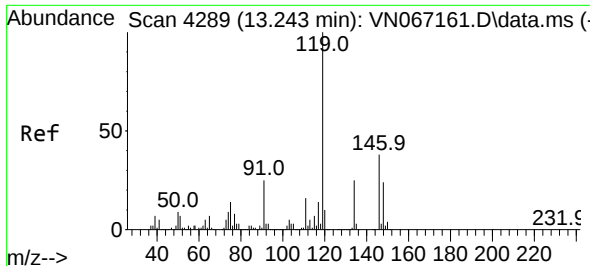
Tgt Ion:105 Resp: 8118

Ion Ratio Lower Upper

105 100

134 19.1 10.5 31.5

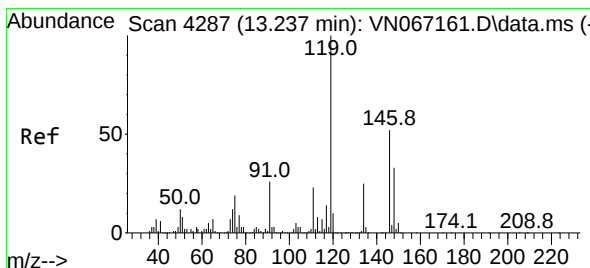
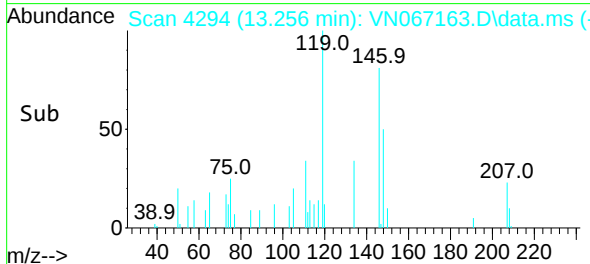
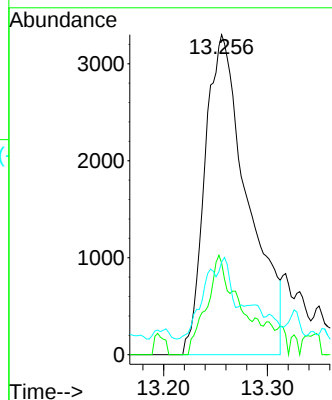
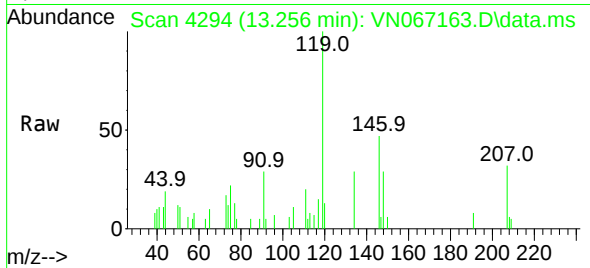




#86
p-Isopropyltoluene
Concen: 1.43 ug/l
RT: 13.256 min Scan# 4294
Delta R.T. 0.013 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

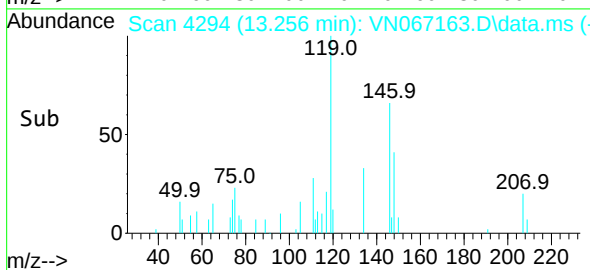
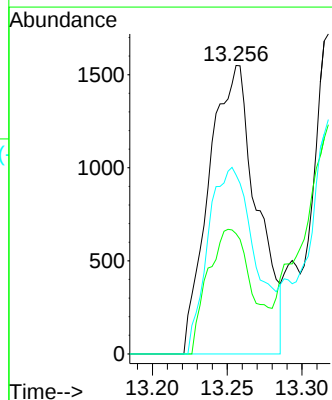
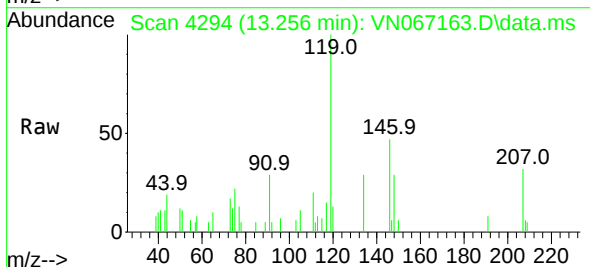
Instrument :
MSVOA_N
ClientSampled :
IBLK

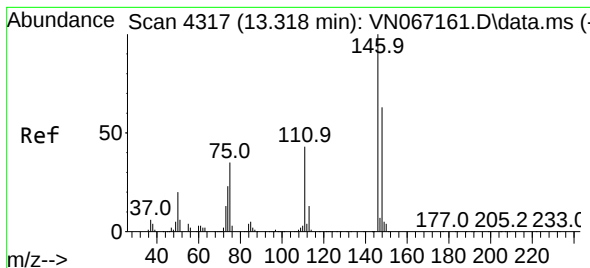
Tgt Ion:119 Resp: 9392
Ion Ratio Lower Upper
119 100
134 21.6 13.3 39.9
91 8.1 10.7 32.1#



#87
1,3-Dichlorobenzene
Concen: 1.13 ug/l
RT: 13.256 min Scan# 4294
Delta R.T. 0.019 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion:146 Resp: 3459
Ion Ratio Lower Upper
146 100
111 40.5 19.3 57.8
148 63.3 32.0 96.2

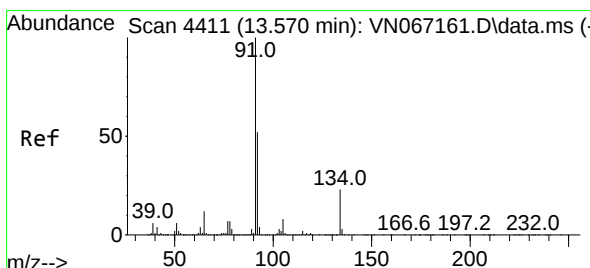
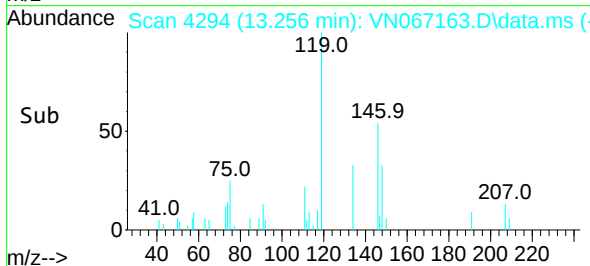
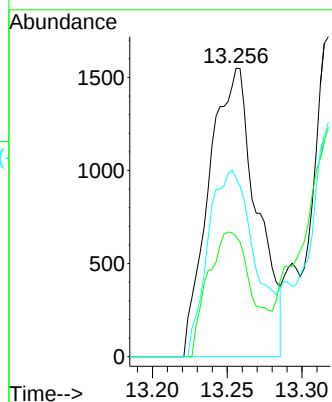
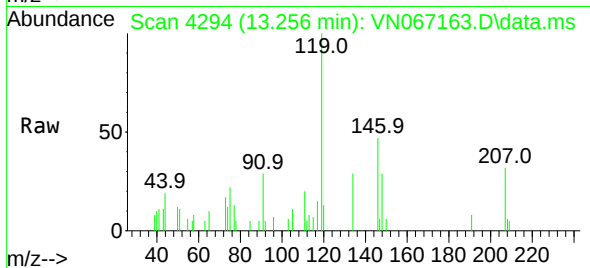




#88
1,4-Dichlorobenzene
Concen: 1.06 ug/l
RT: 13.256 min Scan# 4294
Delta R.T. -0.062 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

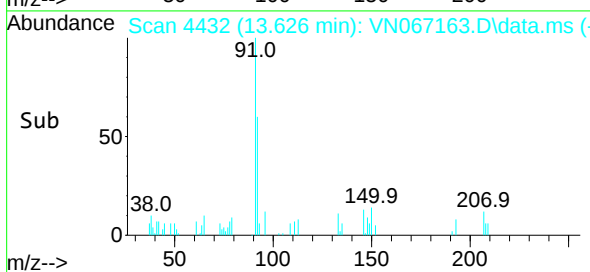
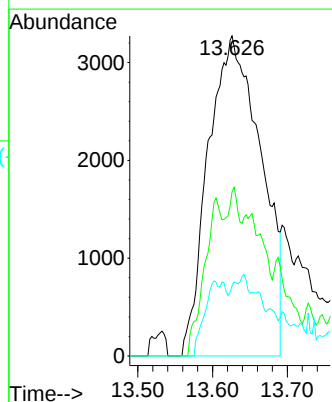
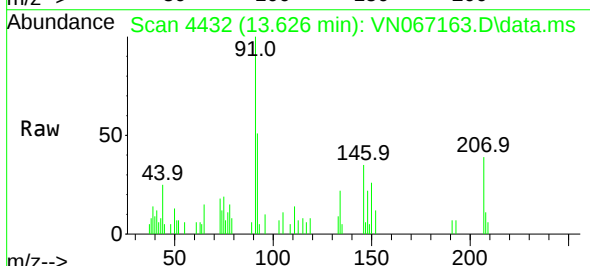
Instrument :
MSVOA_N
ClientSampled :
IBLK

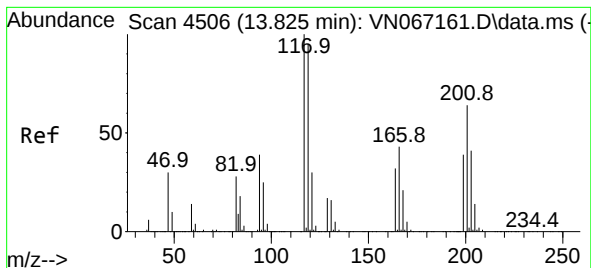
Tgt Ion:146 Resp: 3459
Ion Ratio Lower Upper
146 100
111 40.5 18.5 55.5
148 63.3 31.4 94.3



#89
n-Butylbenzene
Concen: 2.95 ug/l
RT: 13.626 min Scan# 4432
Delta R.T. 0.056 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion: 91 Resp: 16048
Ion Ratio Lower Upper
91 100
92 0.0 26.5 79.5#
134 0.0 14.3 42.9#

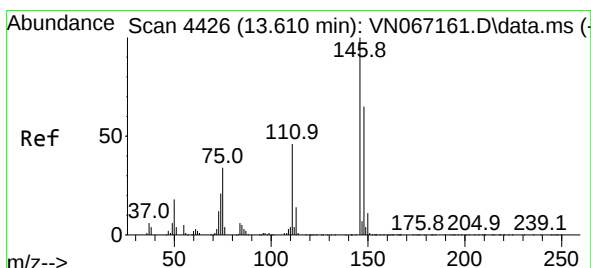
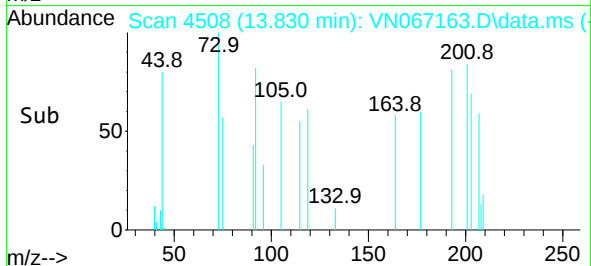
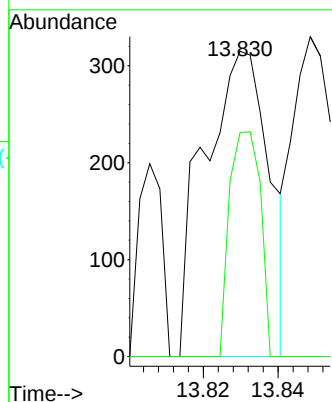
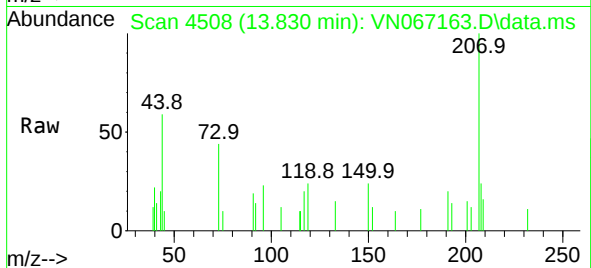




#90
Hexachloroethane
Concen: 0.28 ug/l
RT: 13.830 min Scan# 4508
Delta R.T. 0.005 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

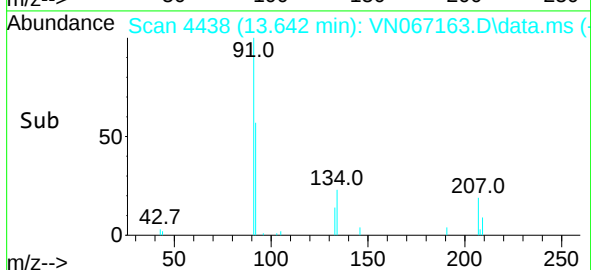
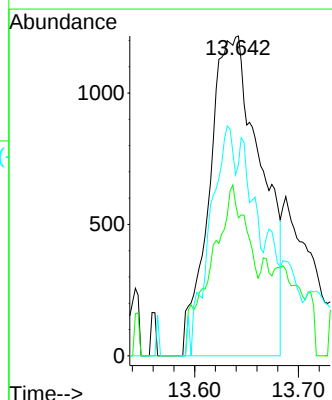
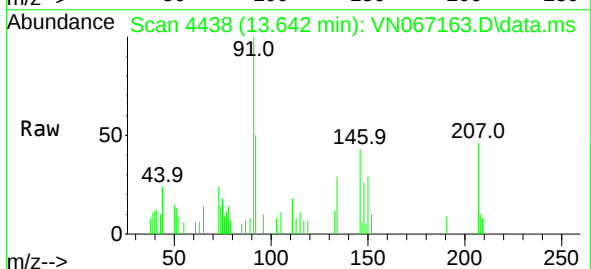
Instrument :
MSVOA_N
ClientSampled :
IBLK

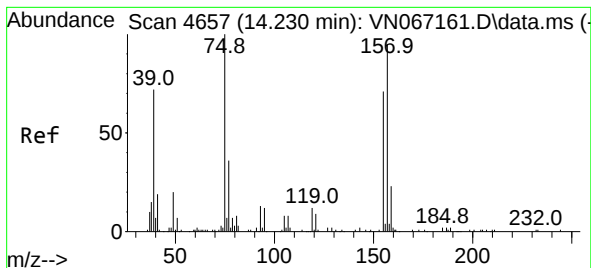
Tgt Ion:117 Resp: 381
Ion Ratio Lower Upper
117 100
201 34.9 45.5 136.5#



#91
1,2-Dichlorobenzene
Concen: 1.44 ug/l
RT: 13.642 min Scan# 4438
Delta R.T. 0.032 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

Tgt Ion:146 Resp: 4207
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.3
148 34.6 31.7 95.1

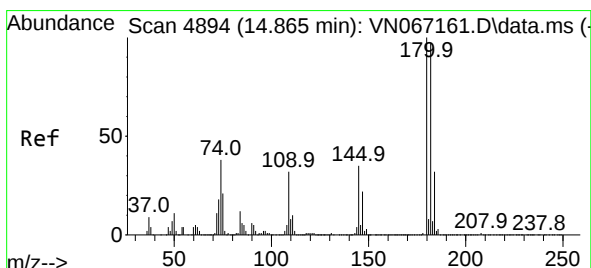
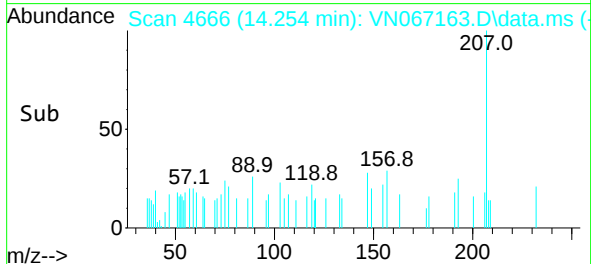
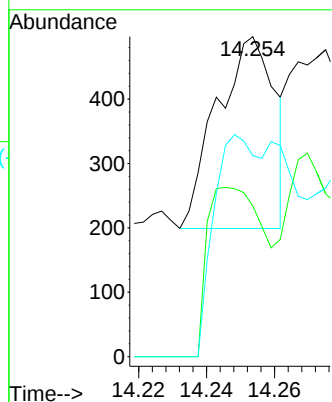
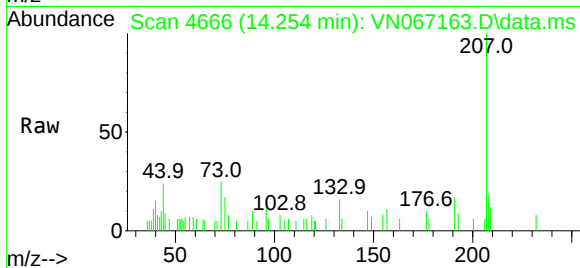




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.70 ug/l
 RT: 14.254 min Scan# 4666
 Delta R.T. 0.024 min
 Lab File: VN067163.D
 Acq: 21 May 2021 16:47

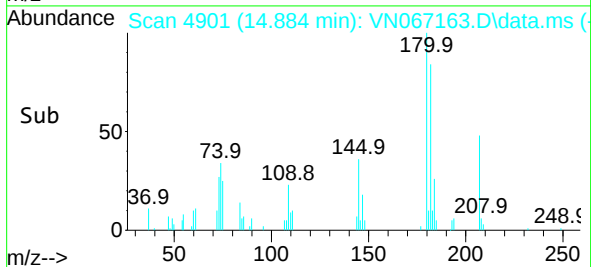
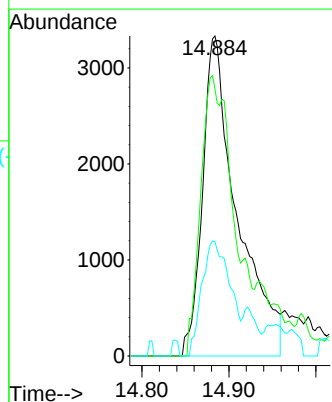
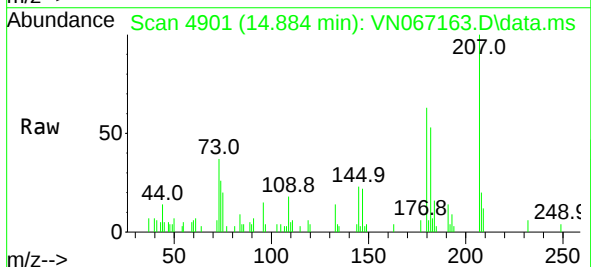
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

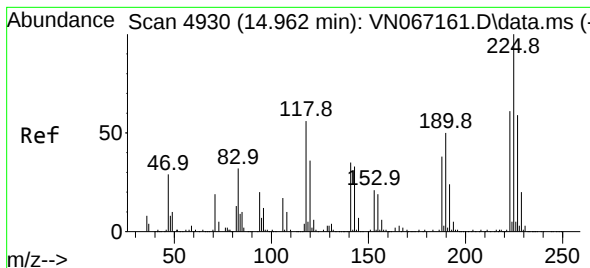
Tgt Ion: 75 Resp: 349
 Ion Ratio Lower Upper
 75 100
 155 85.7 49.9 149.7
 157 93.7 63.8 191.4



#93
 1,2,4-Trichlorobenzene
 Concen: 8.67 ug/l
 RT: 14.884 min Scan# 4901
 Delta R.T. 0.019 min
 Lab File: VN067163.D
 Acq: 21 May 2021 16:47

Tgt Ion: 180 Resp: 9196
 Ion Ratio Lower Upper
 180 100
 182 83.7 47.3 141.8
 145 29.4 14.0 42.0

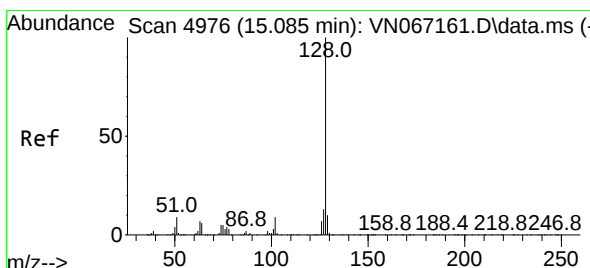
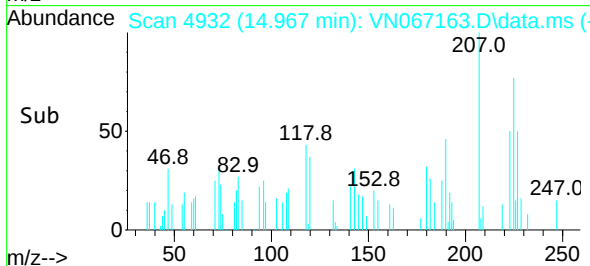
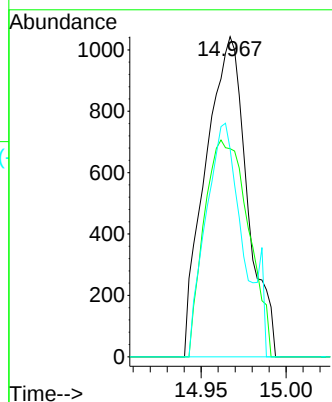
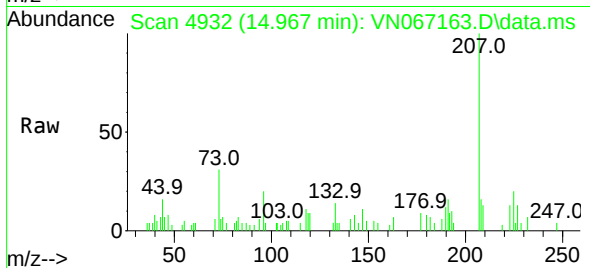




#94
Hexachlorobutadiene
Concen: 2.21 ug/l
RT: 14.967 min Scan# 4932
Delta R.T. 0.005 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

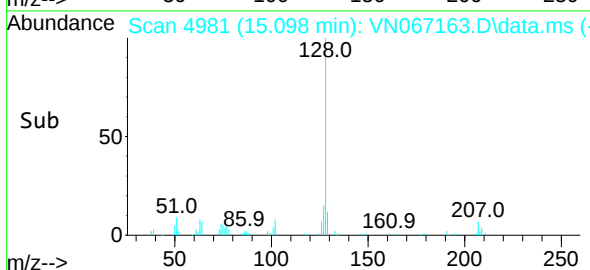
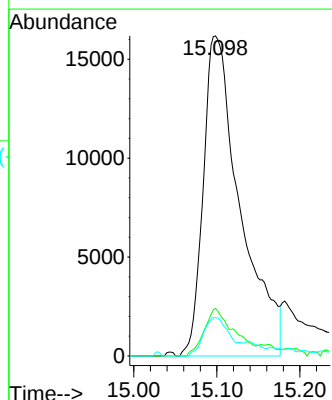
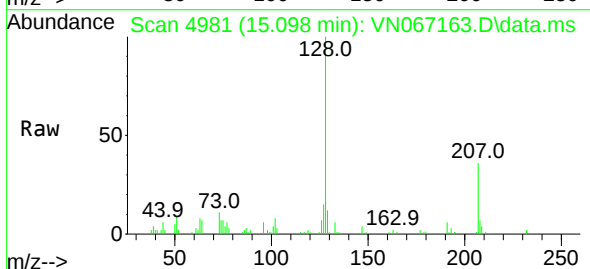
Instrument :
MSVOA_N
ClientSampled :
IBLK

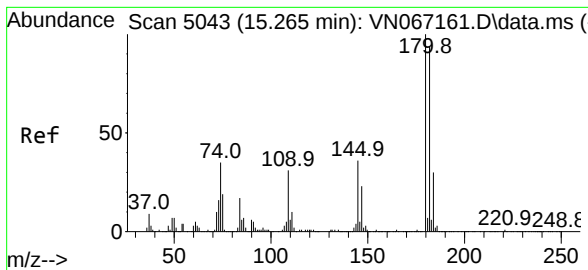
Tgt Ion:225 Resp: 1781
Ion Ratio Lower Upper
225 100
223 71.8 31.7 95.1
227 65.0 31.7 95.1



#95
Naphthalene
Concen: 13.67 ug/l
RT: 15.098 min Scan# 4981
Delta R.T. 0.013 min
Lab File: VN067163.D
Acq: 21 May 2021 16:47

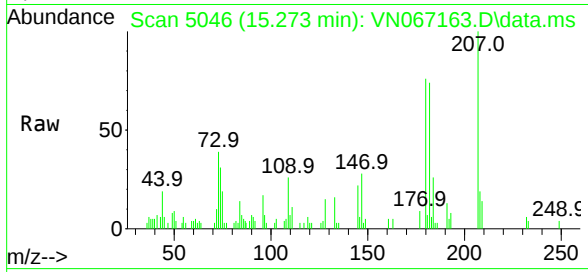
Tgt Ion:128 Resp: 49913
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.2
129 8.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 8.95 ug/l
 RT: 15.273 min Scan# 5046
 Delta R.T. 0.008 min
 Lab File: VN067163.D
 Acq: 21 May 2021 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	11858
Ion Ratio	Lower	Upper	
180	100		
182	98.6	48.5	145.6
145	14.2	15.4	46.2#

