

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067087.D
 Acq On : 14 May 2021 20:28
 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 17 15:21:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 15:13:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.600	168	604515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	855427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	726136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	281800	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	276929	42.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.80%
35) Dibromofluoromethane	7.522	113	259067	46.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.24%
50) Toluene-d8	10.037	98	999704	46.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.92%
62) 4-Bromofluorobenzene	12.360	95	309603	43.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.84%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.857	85	1477	0.27	ug/l	83
3) Chloromethane	2.056	50	2571	0.39	ug/l #	81
5) Bromomethane	2.539	94	967	0.21	ug/l #	70
7) Trichlorofluoromethane	2.992	101	1731	0.20	ug/l #	66
11) Tert butyl alcohol	4.714	59	806	0.74	ug/l #	83
13) Acrolein	3.566	56	2906	7.24	ug/l #	23
15) Acrylonitrile	4.915	53	781	0.32	ug/l #	34
16) Acetone	3.783	43	2301	1.13	ug/l	95
17) Carbon Disulfide	4.003	76	14385	0.94	ug/l	97
20) Methylene Chloride	4.478	84	1818	0.25	ug/l	87
21) trans-1,2-Dichloroethene	4.969	96	2093	0.34	ug/l #	74
29) Tetrahydrofuran	7.133	42	431	0.22	ug/l #	28
31) Cyclohexane	7.597	56	10628	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.720	75	2784	0.36	ug/l #	70
38) Carbon Tetrachloride	7.600	117	50257	6.05	ug/l #	14
39) Methylcyclohexane	9.016	83	2531	0.28	ug/l #	85
42) 1,2-Dichloroethane	8.058	62	1557	0.20	ug/l	91
44) Trichloroethene	8.780	130	2390	0.35	ug/l	89
49) 1,4-Dioxane	9.144	88	236	2.90	ug/l #	70
51) 4-Methyl-2-Pentanone	9.938	43	7547	1.20	ug/l #	64
52) Toluene	10.099	92	3497	0.23	ug/l	86
53) t-1,3-Dichloropropene	10.343	75	2131	0.23	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.659	63	492	0.42	ug/l #	45
61) 1,2-Dibromoethane	10.968	107	1237	0.20	ug/l	83
64) Tetrachloroethene	10.579	164	2548	0.40	ug/l	82
65) Chlorobenzene	11.384	112	6093	0.38	ug/l	92
67) Ethyl Benzene	11.470	91	7437	0.27	ug/l	97
68) m/p-Xylenes	11.582	106	7348	0.70	ug/l	75
69) o-Xylene	11.912	106	3216	0.30	ug/l	87
70) Styrene	11.952	104	4256	0.26	ug/l #	75
73) Isopropylbenzene	12.210	105	9195	0.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.470	83	2757	0.39	ug/l #	70
76) 1,2,3-Trichloropropane	12.360	75	140185	23.92	ug/l #	100
77) Bromobenzene	12.483	156	4112	0.70	ug/l	83
78) n-propylbenzene	12.561	91	7292	0.31	ug/l #	34
79) 2-Chlorotoluene	12.639	91	5317	0.37	ug/l	73

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067087.D
 Acq On : 14 May 2021 20:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

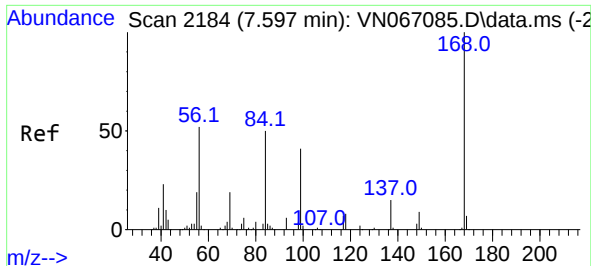
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 17 15:21:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 15:13:27 2021
 Response via : Initial Calibration

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

80) 1,3,5-Trimethylbenzene	12.703	105	9807	0.50	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.360	75	140185	83.03	ug/l #	15
82) 4-Chlorotoluene	12.757	91	9313	0.68	ug/l	79
83) tert-Butylbenzene	12.955	119	8873	0.48	ug/l	96
84) 1,2,4-Trimethylbenzene	13.006	105	12978	0.72	ug/l	99
85) sec-Butylbenzene	13.132	105	16488	0.74	ug/l	97
86) p-Isopropyltoluene	13.253	119	18395	0.96	ug/l	95
87) 1,3-Dichlorobenzene	13.245	146	9387	0.99	ug/l	99
88) 1,4-Dichlorobenzene	13.245	146	9387	0.95	ug/l	99
89) n-Butylbenzene	13.599	91	27990	2.00	ug/l #	59
90) Hexachloroethane	13.835	117	1284	0.37	ug/l #	22
91) 1,2-Dichlorobenzene	13.631	146	12708	1.32	ug/l	70
92) 1,2-Dibromo-3-Chloropr...	14.254	75	1076	1.02	ug/l	80
93) 1,2,4-Trichlorobenzene	14.881	180	25639	5.13	ug/l	98
94) Hexachlorobutadiene	14.967	225	6704	1.95	ug/l	97
95) Naphthalene	15.098	128	101502	10.17	ug/l	98
96) 1,2,3-Trichlorobenzene	15.273	180	34059	7.66	ug/l	99

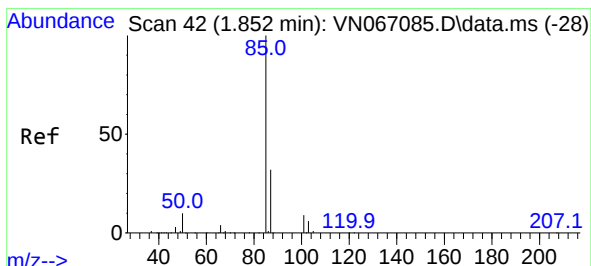
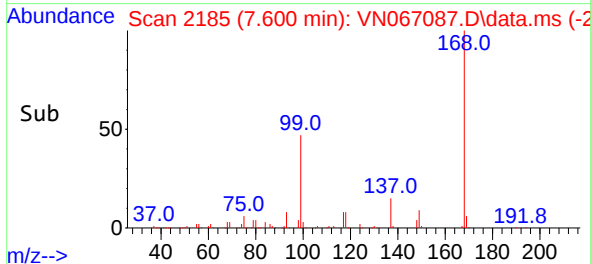
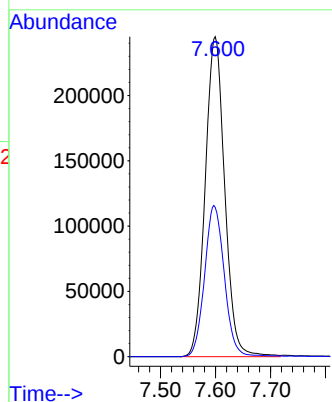
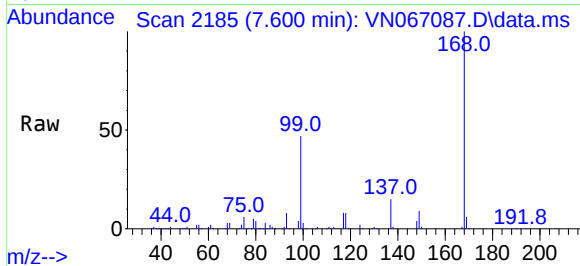
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

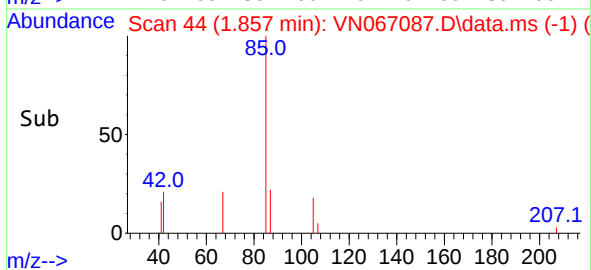
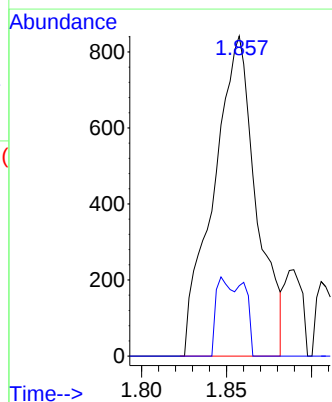
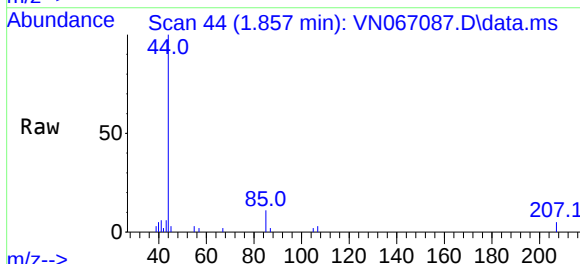
Instrument :
MSVOA_N
ClientSampled :
IBLK

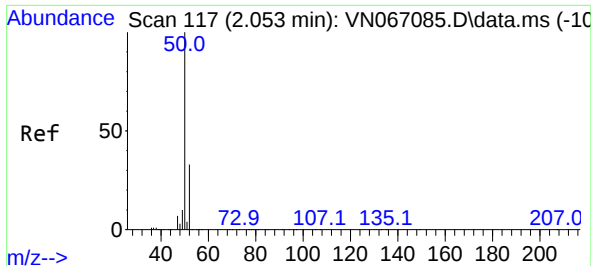
Tgt Ion:168 Resp: 604515
Ion Ratio Lower Upper
168 100
99 46.7 38.5 57.7



#2
Dichlorodifluoromethane
Concen: 0.27 ug/l
RT: 1.857 min Scan# 44
Delta R.T. 0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 85 Resp: 1477
Ion Ratio Lower Upper
85 100
87 22.0 15.8 47.4

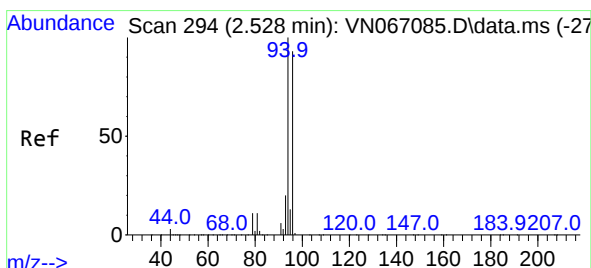
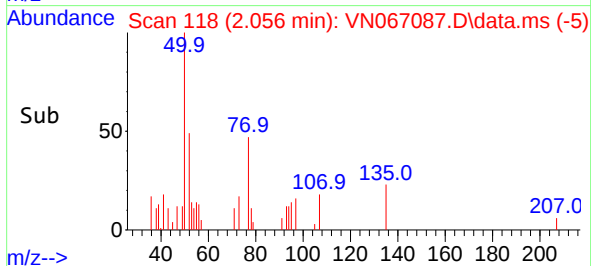
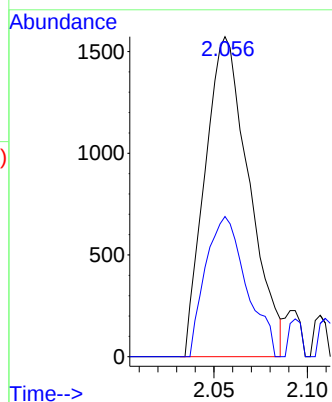
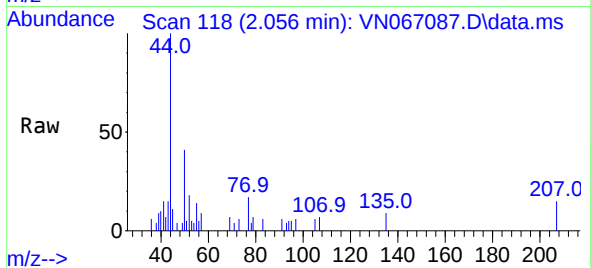




#3
Chloromethane
Concen: 0.39 ug/l
RT: 2.056 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

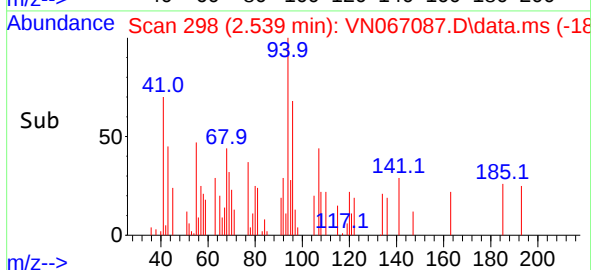
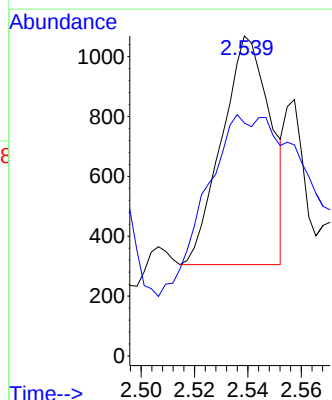
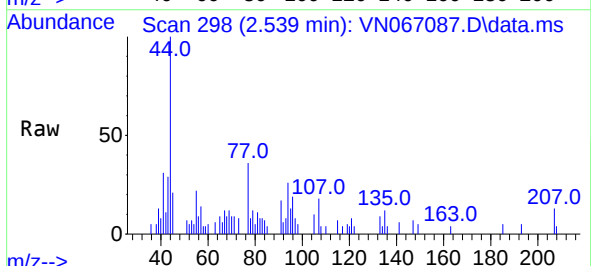
Instrument :
MSVOA_N
ClientSampled :
IBLK

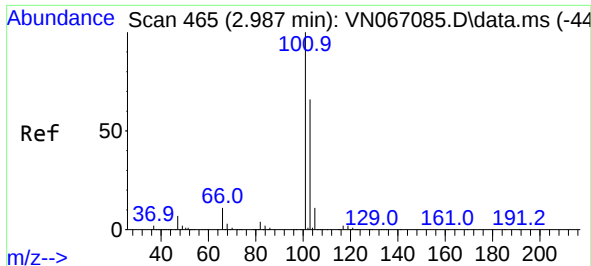
Tgt Ion: 50 Resp: 2571
Ion Ratio Lower Upper
50 100
52 43.8 26.5 39.7#



#5
Bromomethane
Concen: 0.21 ug/l
RT: 2.539 min Scan# 298
Delta R.T. 0.011 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 94 Resp: 967
Ion Ratio Lower Upper
94 100
96 63.9 74.4 111.6#

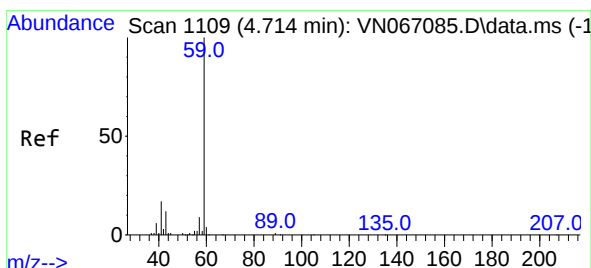
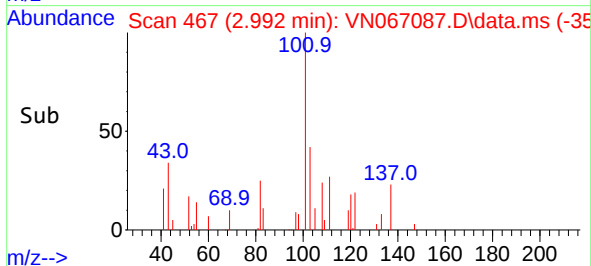
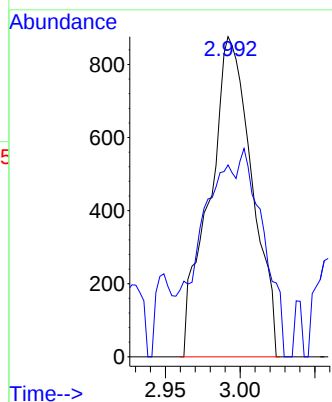
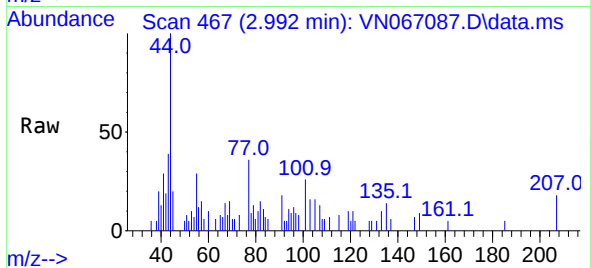




#7
Trichlorofluoromethane
Concen: 0.20 ug/l
RT: 2.992 min Scan# 467
Delta R.T. 0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

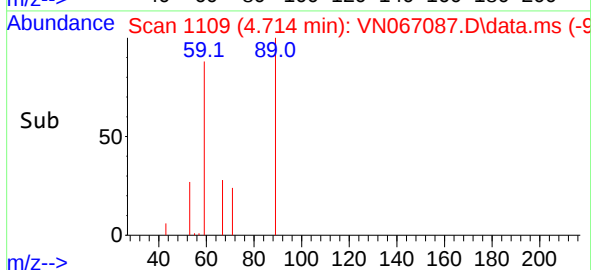
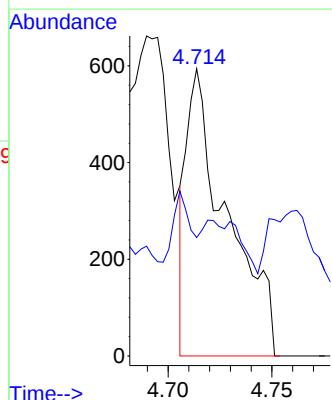
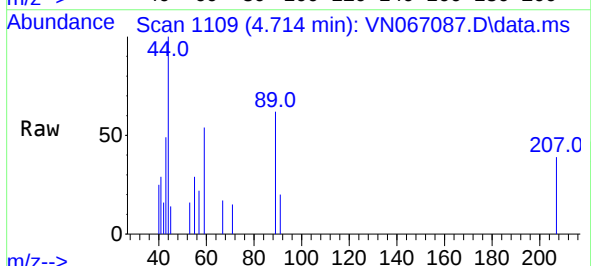
Instrument :
MSVOA_N
ClientSampled :
IBLK

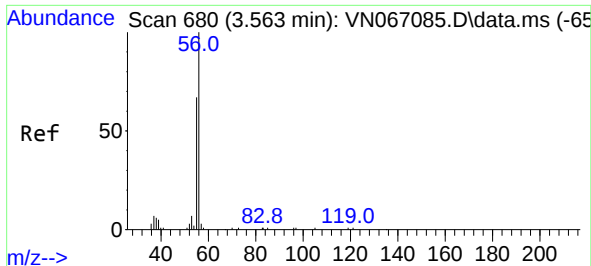
Tgt Ion:101 Resp: 1731
Ion Ratio Lower Upper
101 100
103 39.7 53.2 79.8#



#11
Tert butyl alcohol
Concen: 0.74 ug/l
RT: 4.714 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 59 Resp: 806
Ion Ratio Lower Upper
59 100
57 9.9 3.5 5.3#

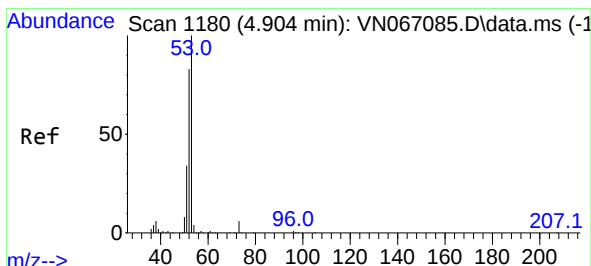
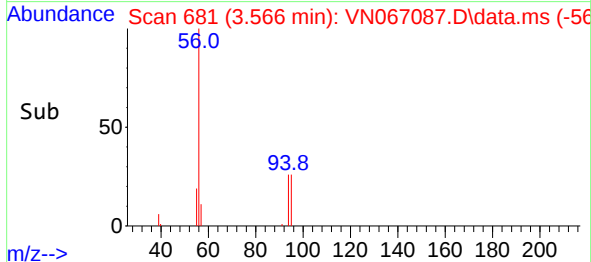
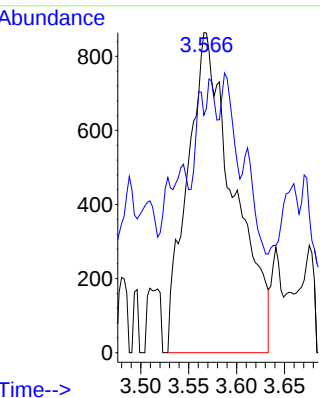
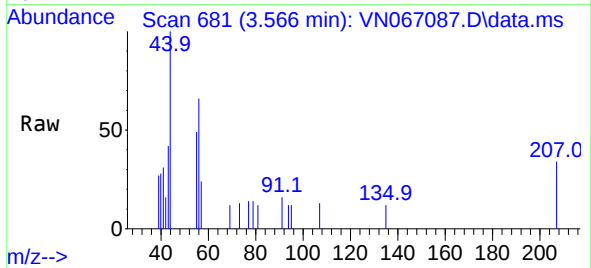




#13
Acrolein
Concen: 7.24 ug/l
RT: 3.566 min Scan# 681
Delta R.T. 0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

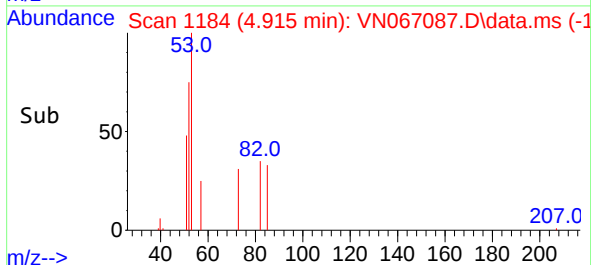
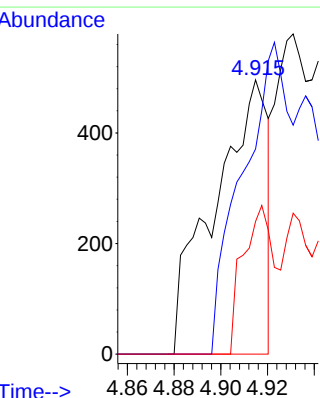
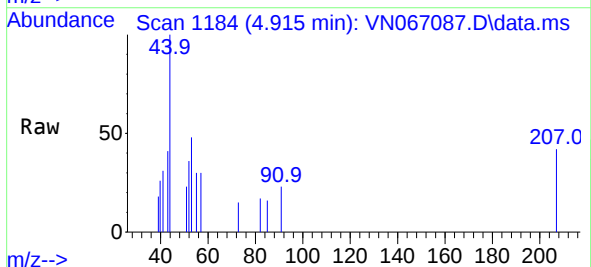
Instrument :
MSVOA_N
ClientSampled :
IBLK

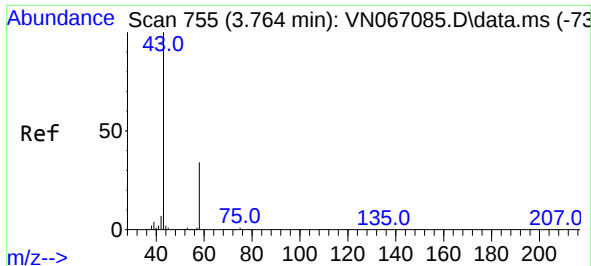
Tgt Ion: 56 Resp: 2906
Ion Ratio Lower Upper
56 100
55 5.2 53.8 80.6#



#15
Acrylonitrile
Concen: 0.32 ug/l
RT: 4.915 min Scan# 1184
Delta R.T. 0.011 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 53 Resp: 781
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 32.7 28.6 42.8

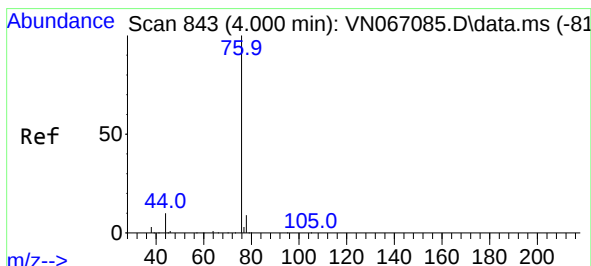
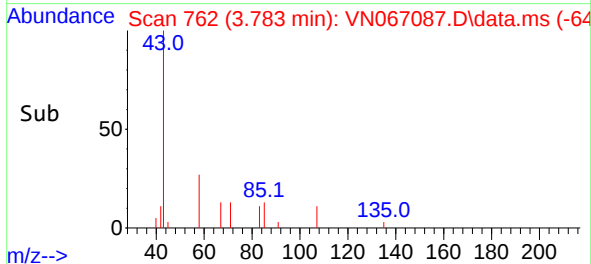
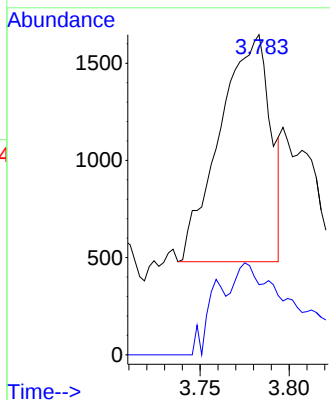
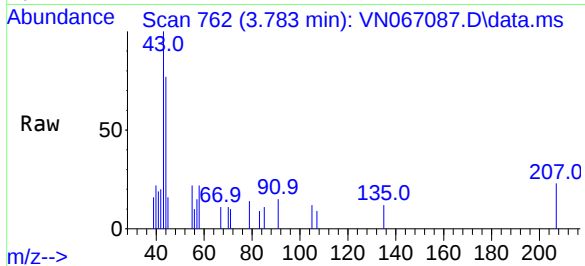




#16
Acetone
Concen: 1.13 ug/l
RT: 3.783 min Scan# 762
Delta R.T. 0.019 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

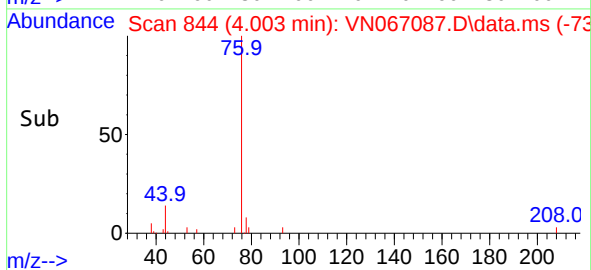
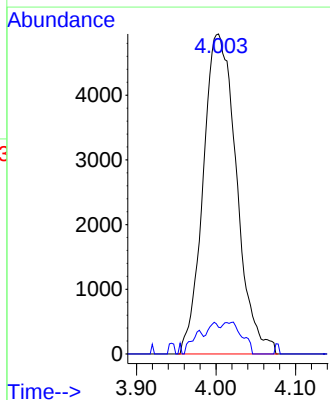
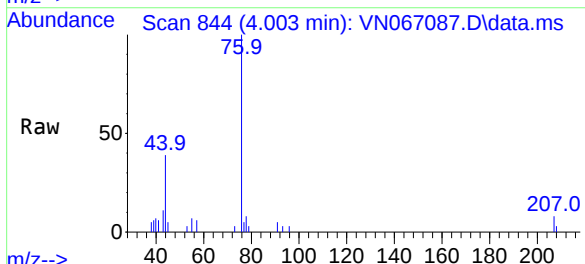
Instrument :
MSVOA_N
ClientSampleId :
IBLK

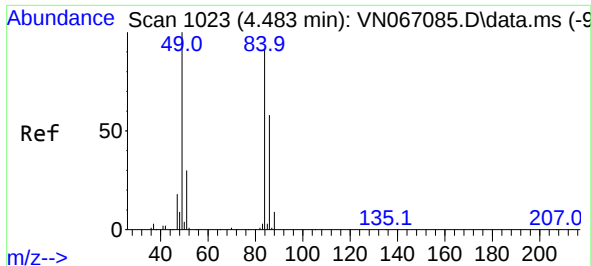
Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
58 30.9 27.2 40.8



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 4.003 min Scan# 844
Delta R.T. 0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 76 Resp: 14385
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



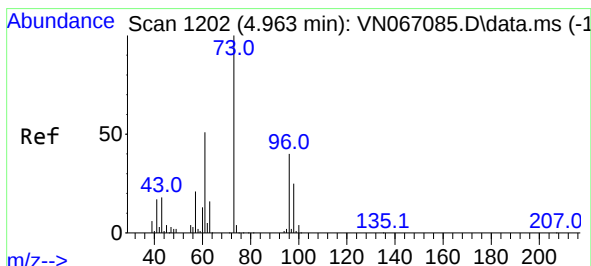
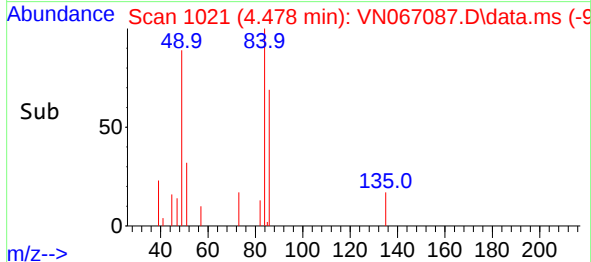
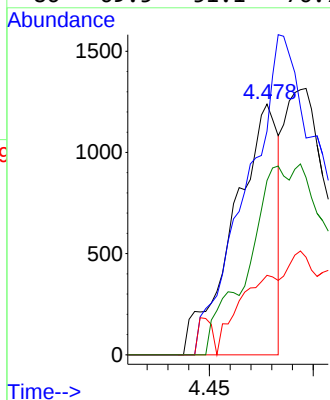
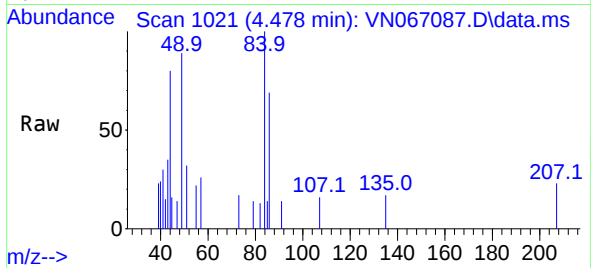


#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 4.478 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1818

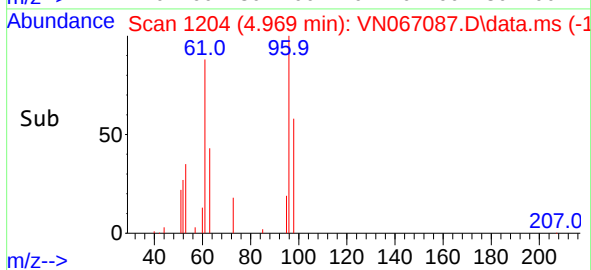
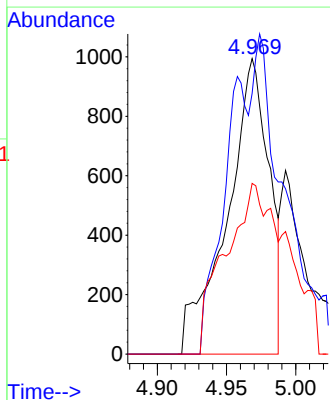
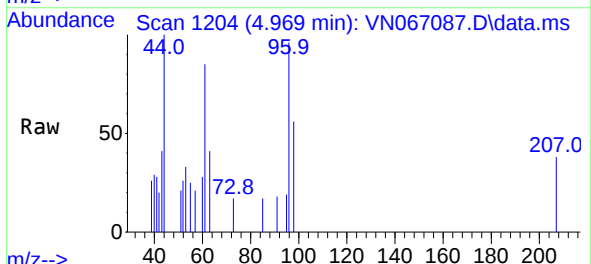
Ion	Ratio	Lower	Upper
84	100		
49	89.2	88.3	132.5
51	31.7	26.7	40.1
86	69.5	51.1	76.7

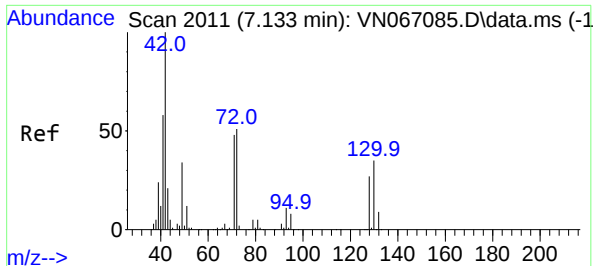


#21
trans-1,2-Dichloroethene
Concen: 0.34 ug/l
RT: 4.969 min Scan# 1204
Delta R.T. 0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 96 Resp: 2093

Ion	Ratio	Lower	Upper
96	100		
61	88.2	103.8	155.6#
98	57.7	49.8	74.8

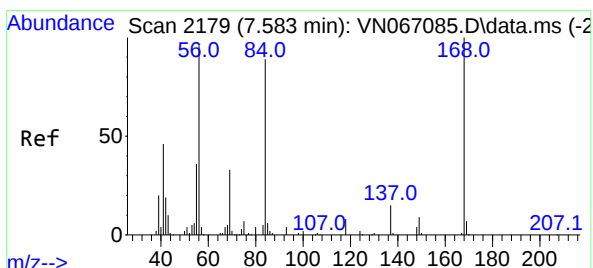
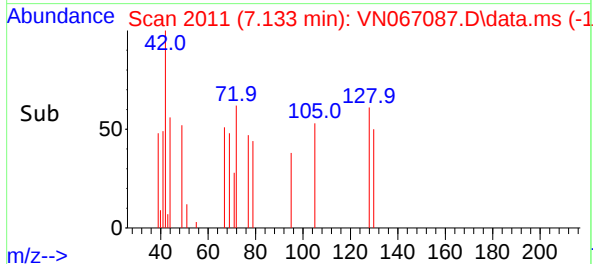
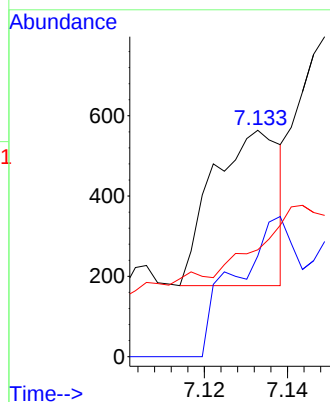
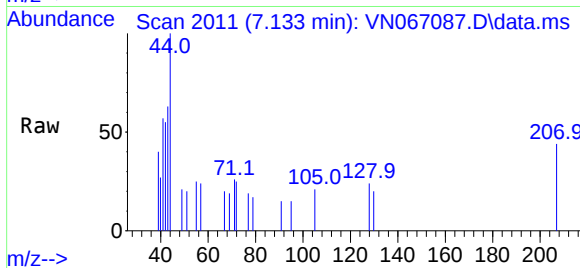




#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.133 min Scan# 2011
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

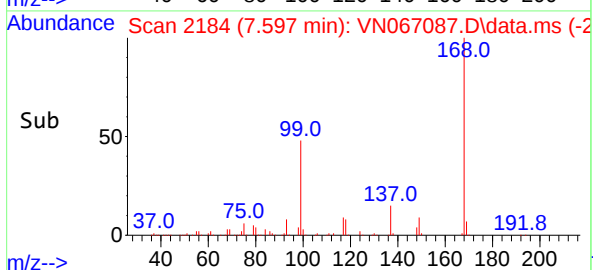
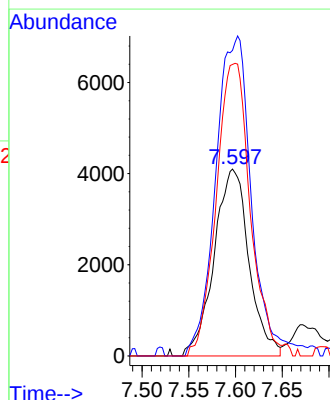
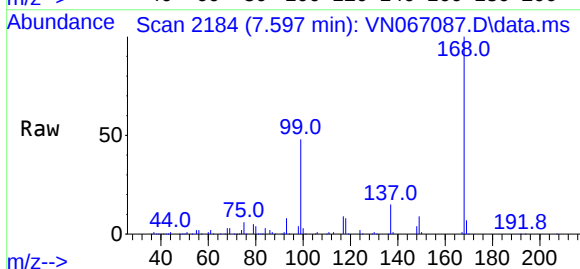
Instrument :
MSVOA_N
ClientSampled :
IBLK

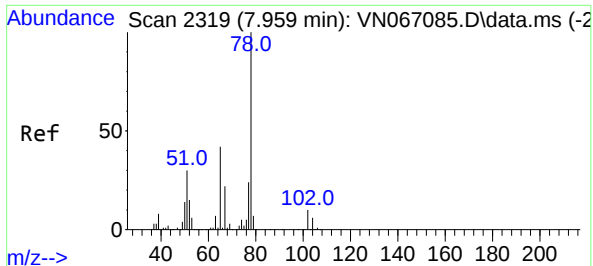
Tgt Ion:	42	Resp:	431
Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.1	60.1#
71	0.0	37.9	56.9#



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.013 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:	56	Resp:	10628
Ion	Ratio	Lower	Upper
56	100		
69	163.5	28.0	42.0#
84	156.0	74.2	111.2#

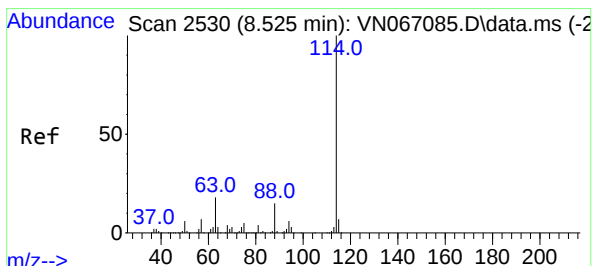
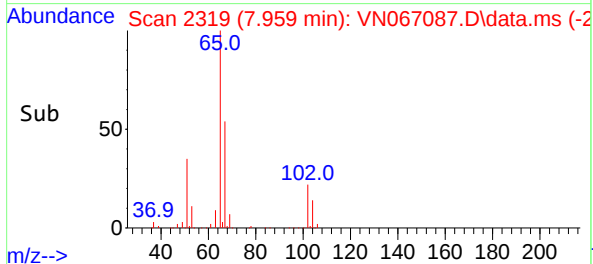
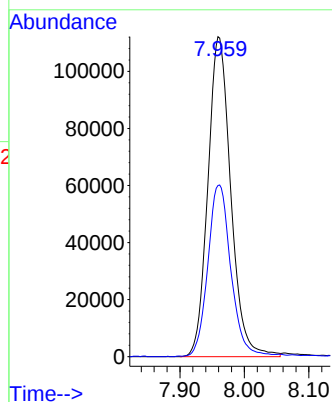
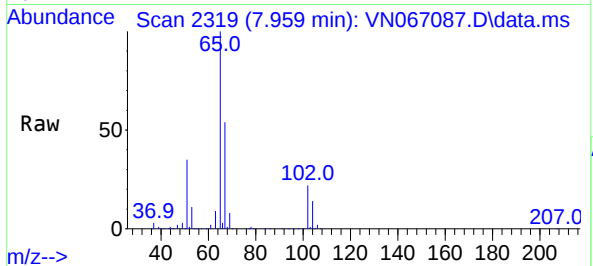




#33
1,2-Dichloroethane-d4
Concen: 42.40 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

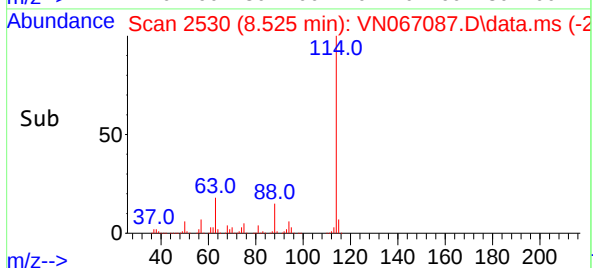
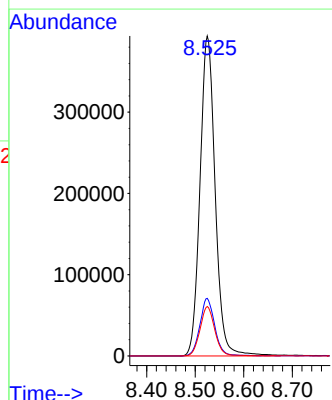
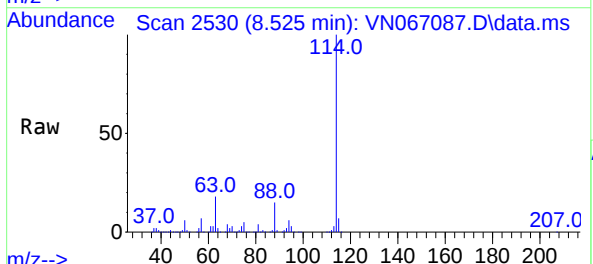
Instrument :
MSVOA_N
ClientSampled :
IBLK

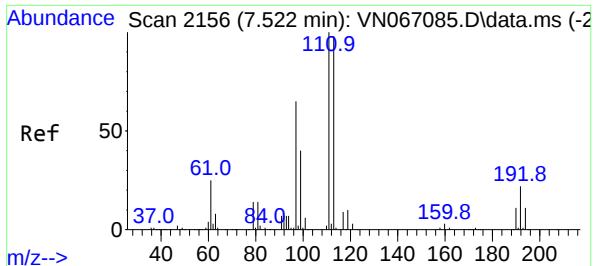
Tgt Ion: 65 Resp: 276929
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 114 Resp: 855427
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.8
88 15.4 0.0 30.4

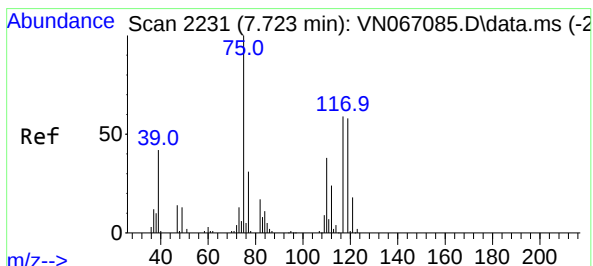
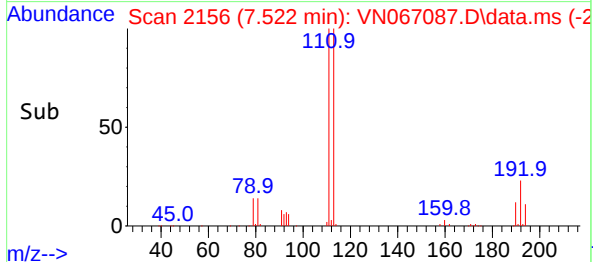
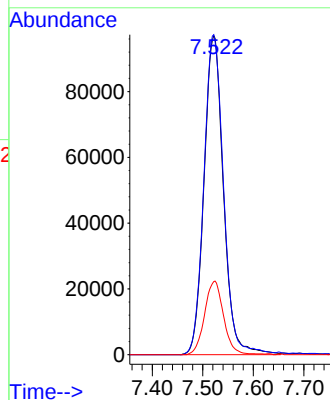
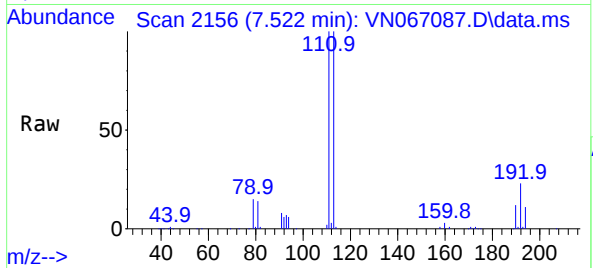




#35
Dibromofluoromethane
Concen: 46.12 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

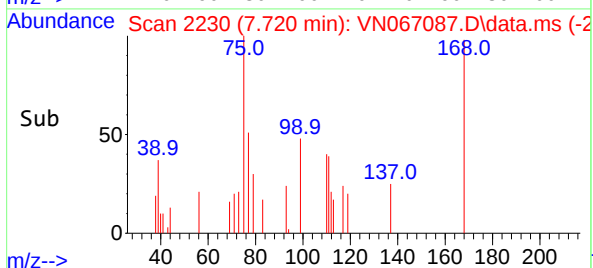
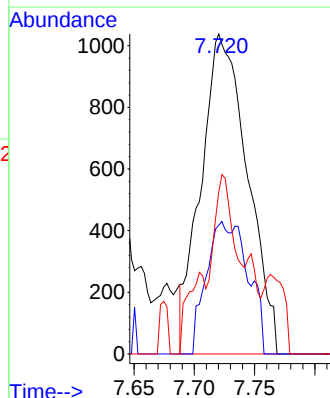
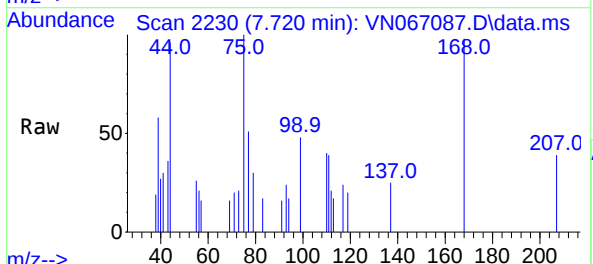
Instrument :
MSVOA_N
ClientSampleId :
IBLK

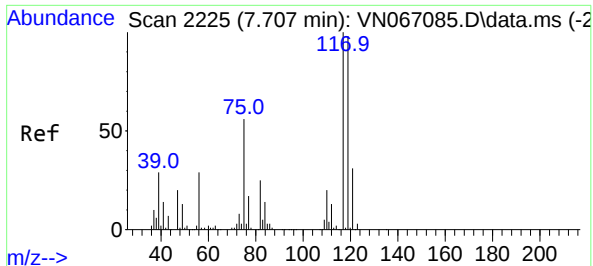
Tgt Ion:113 Resp: 259067
Ion Ratio Lower Upper
113 100
111 100.3 82.6 124.0
192 22.6 18.2 27.4



#36
1,1-Dichloropropene
Concen: 0.36 ug/l
RT: 7.720 min Scan# 2230
Delta R.T. -0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 75 Resp: 2784
Ion Ratio Lower Upper
75 100
110 19.9 19.1 57.3
77 14.9 24.8 37.2#

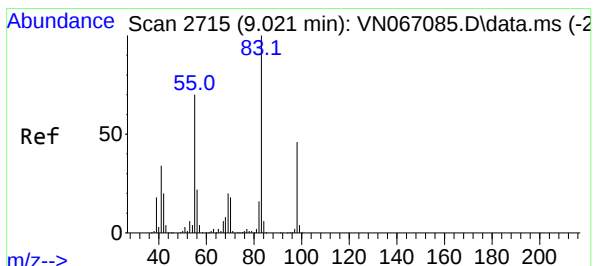
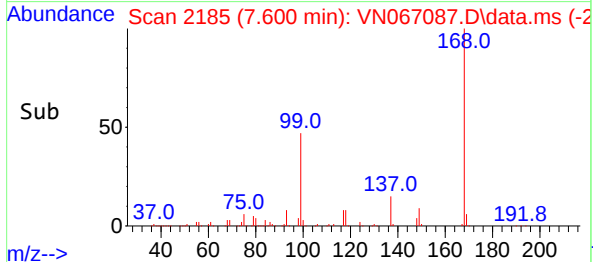
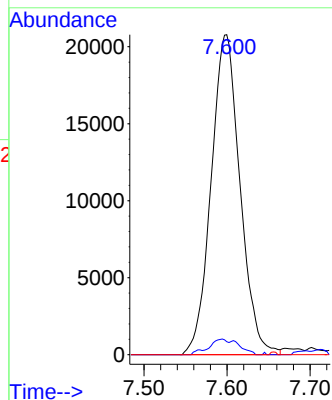
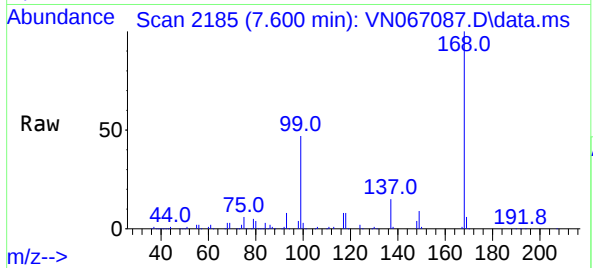




#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.107 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

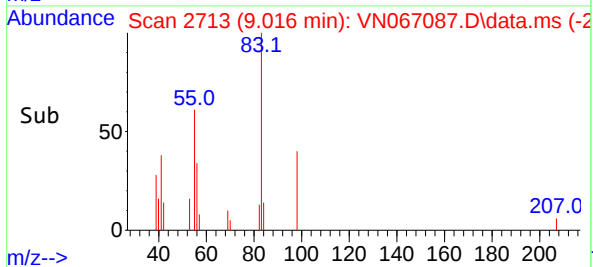
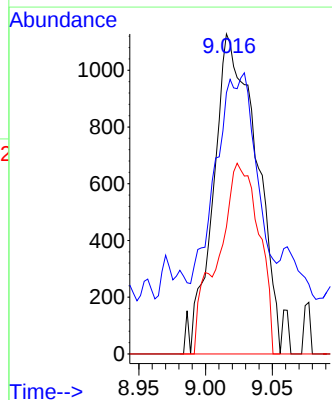
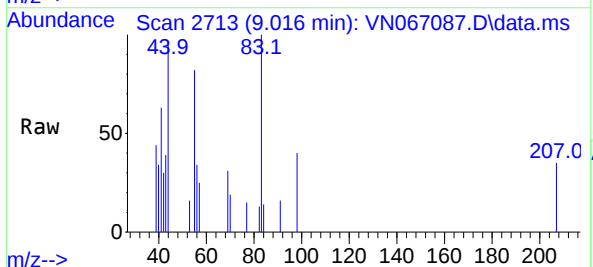
Instrument :
MSVOA_N
ClientSampleId :
IBLK

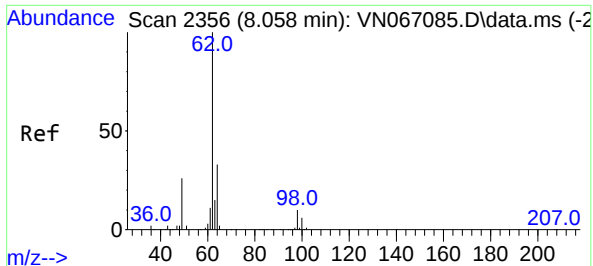
Tgt Ion: 117 Resp: 50257
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 9.016 min Scan# 2713
Delta R.T. -0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 83 Resp: 2531
Ion Ratio Lower Upper
83 100
55 55.5 56.2 84.2#
98 39.7 36.8 55.2





#42

1,2-Dichloroethane

Concen: 0.20 ug/l

RT: 8.058 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN067087.D

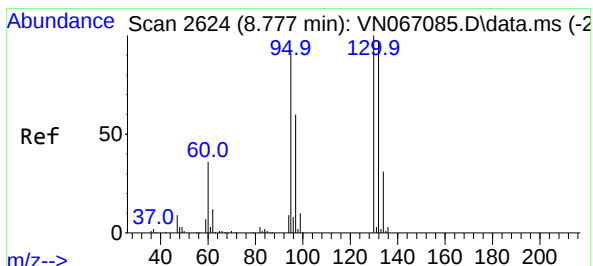
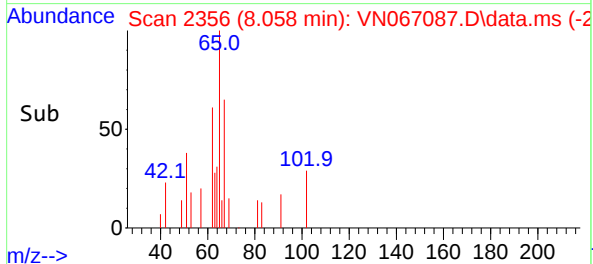
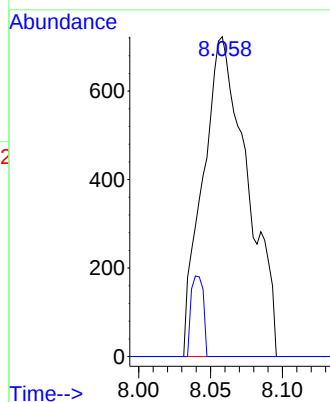
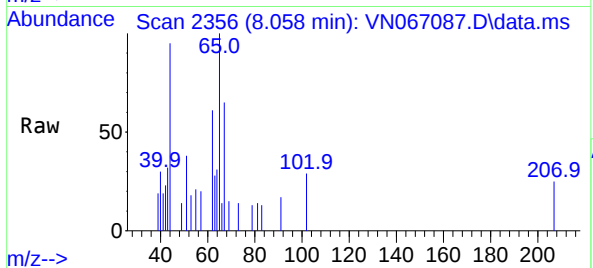
Acq: 14 May 2021 20:28

Tgt Ion: 62 Resp: 1557

Ion Ratio Lower Upper

62 100

98 6.9 0.0 20.2



#44

Trichloroethene

Concen: 0.35 ug/l

RT: 8.780 min Scan# 2625

Delta R.T. 0.003 min

Lab File: VN067087.D

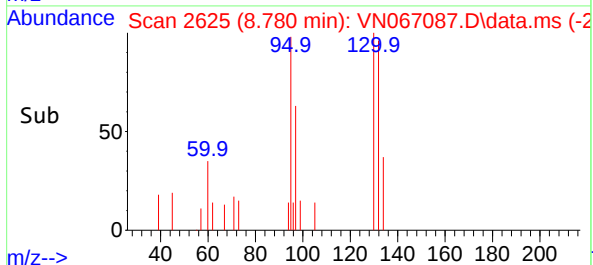
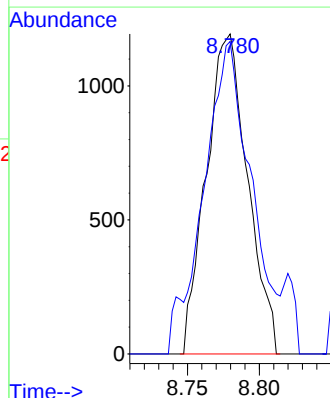
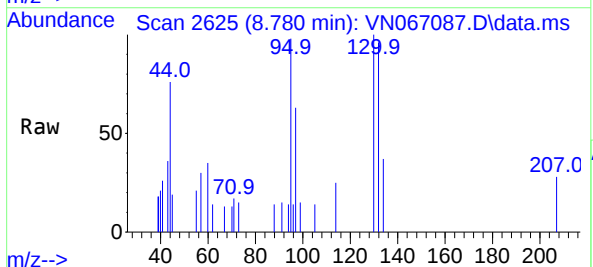
Acq: 14 May 2021 20:28

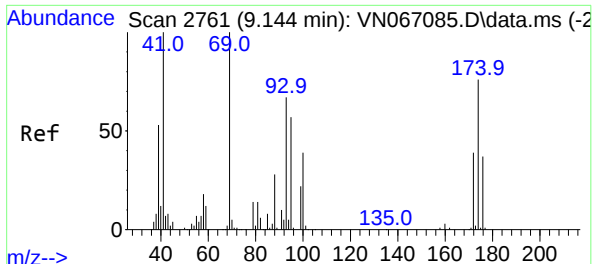
Tgt Ion: 130 Resp: 2390

Ion Ratio Lower Upper

130 100

95 80.6 0.0 182.4

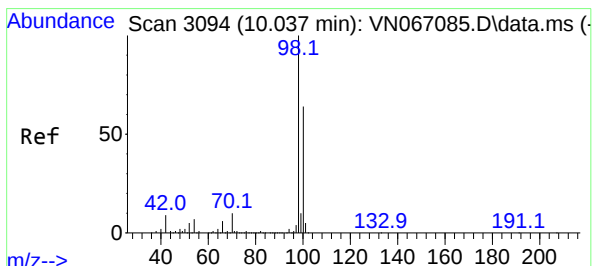
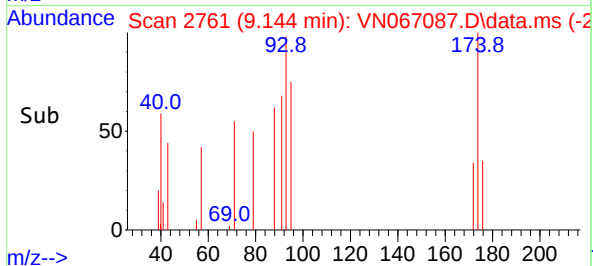
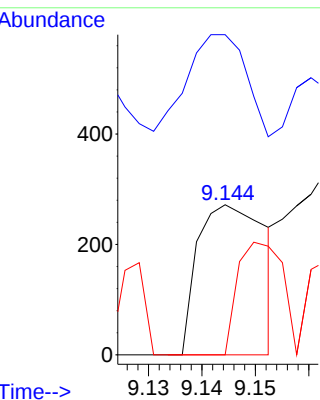
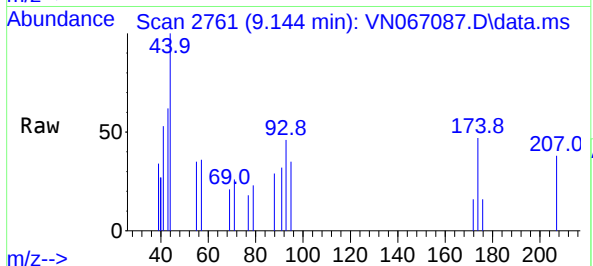




#49
1,4-Dioxane
Concen: 2.90 ug/l
RT: 9.144 min Scan# 2761
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

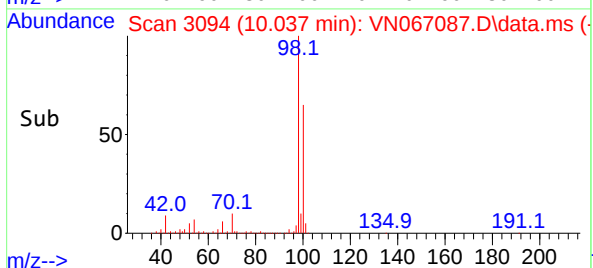
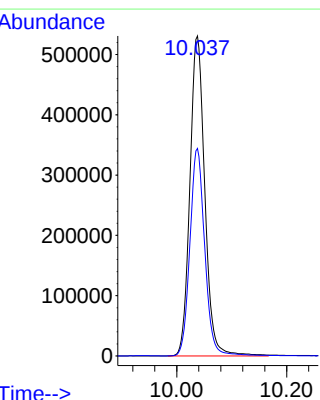
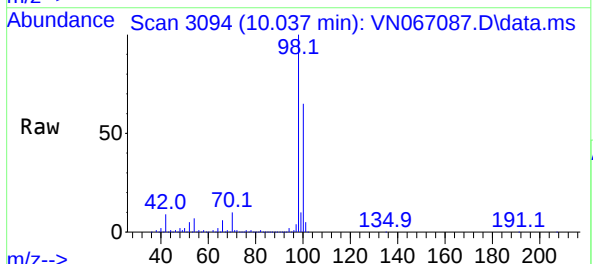
Instrument :
MSVOA_N
ClientSampled :
IBLK

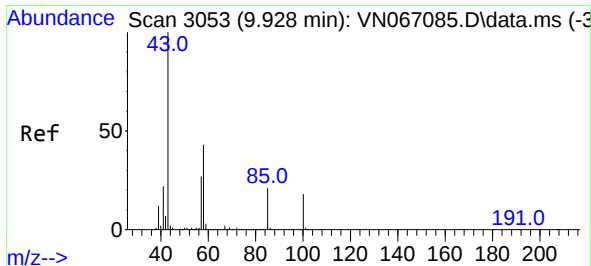
Tgt Ion: 88 Resp: 236
Ion Ratio Lower Upper
88 100
43 59.7 21.8 32.8#
58 50.4 50.8 76.2#



#50
Toluene-d8
Concen: 46.96 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 98 Resp: 999704
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8

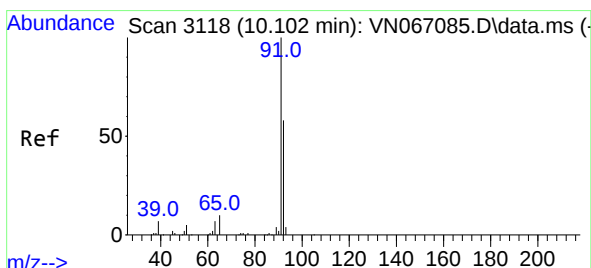
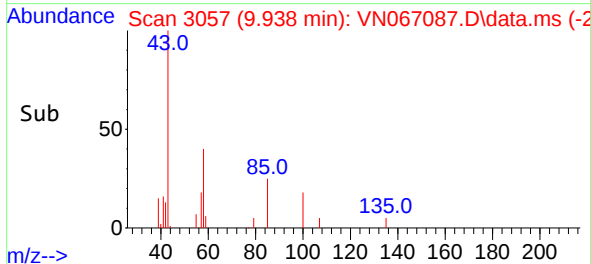
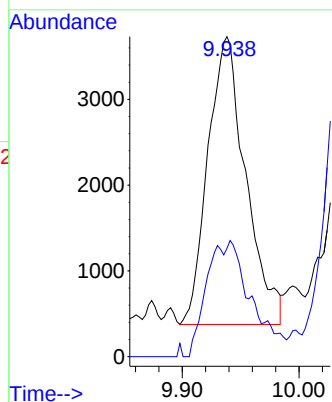
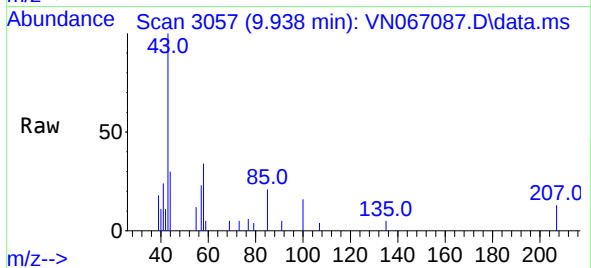




#51
4-Methyl-2-Pentanone
Concen: 1.20 ug/l
RT: 9.938 min Scan# 3057
Delta R.T. 0.011 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

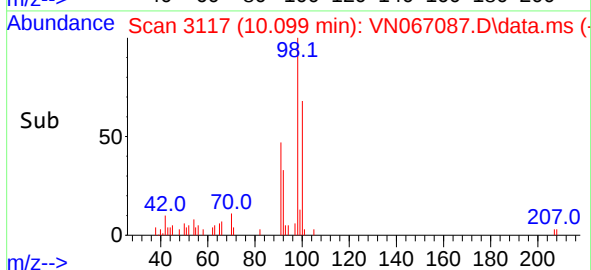
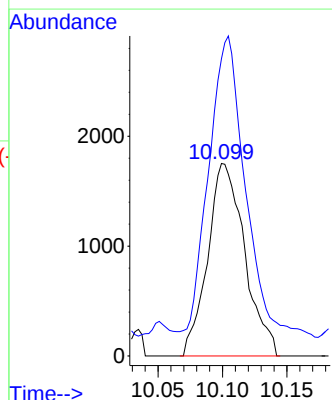
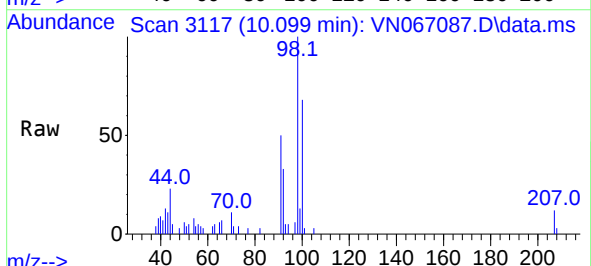
Instrument :
MSVOA_N
ClientSampled :
IBLK

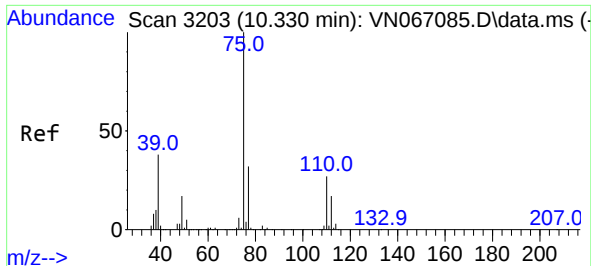
Tgt Ion: 43 Resp: 7547
Ion Ratio Lower Upper
43 100
58 19.8 34.5 51.7#



#52
Toluene
Concen: 0.23 ug/l
RT: 10.099 min Scan# 3117
Delta R.T. -0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 92 Resp: 3497
Ion Ratio Lower Upper
92 100
91 154.4 138.7 208.1

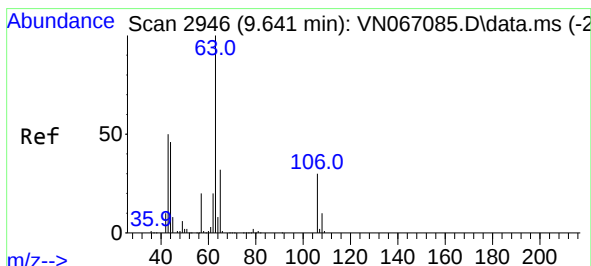
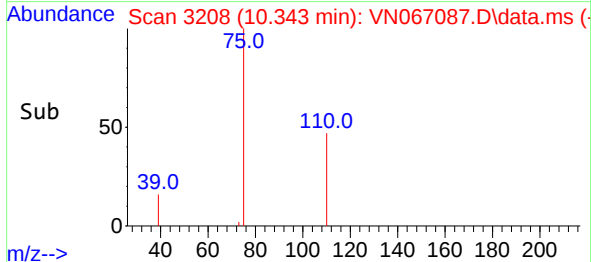
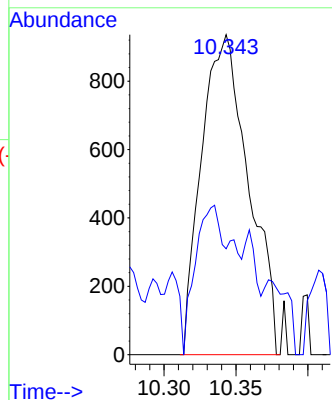
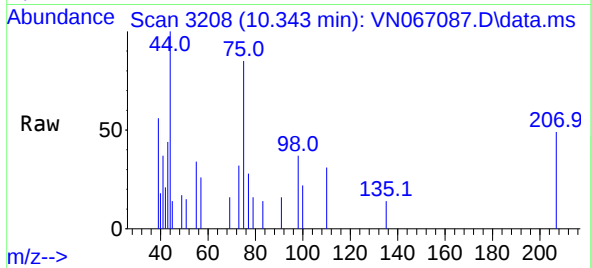




#53
t-1,3-Dichloropropene
Concen: 0.23 ug/l
RT: 10.343 min Scan# 3208
Delta R.T. 0.013 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

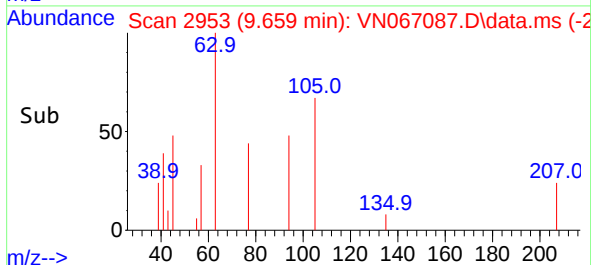
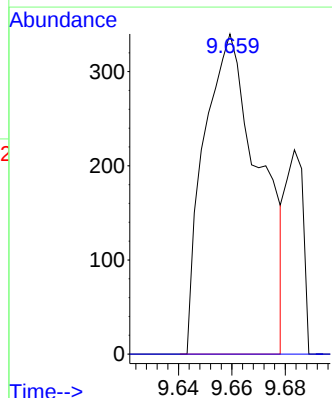
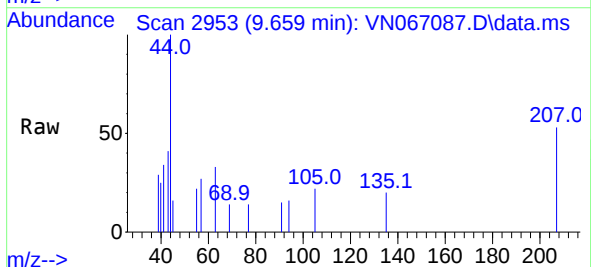
Instrument :
MSVOA_N
ClientSampled :
IBLK

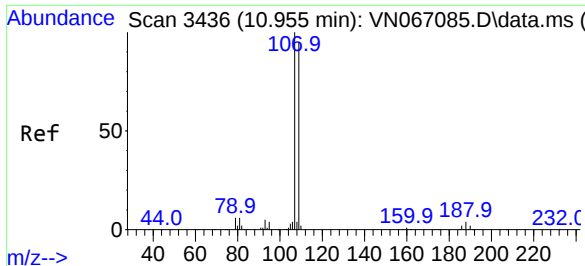
Tgt Ion: 75 Resp: 2131
Ion Ratio Lower Upper
75 100
77 14.9 25.5 38.3#



#58
2-Chloroethyl Vinyl ether
Concen: 0.42 ug/l
RT: 9.659 min Scan# 2953
Delta R.T. 0.019 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 63 Resp: 492
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

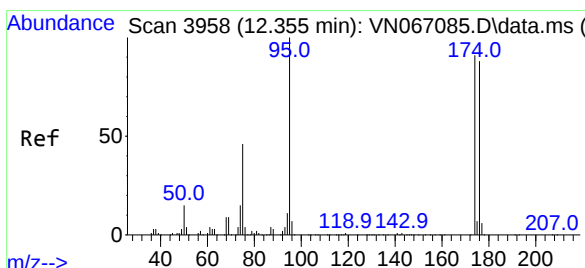
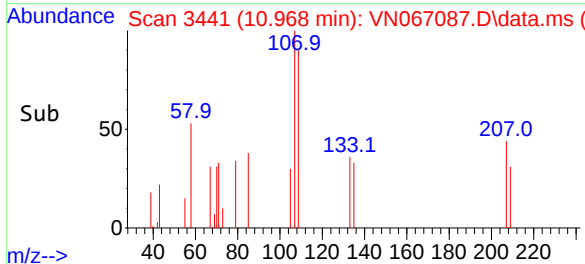
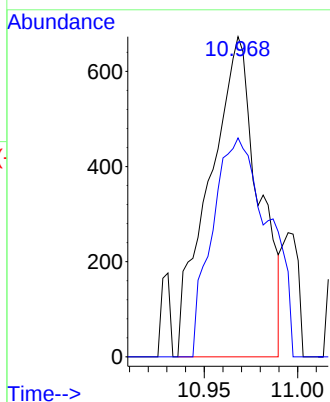
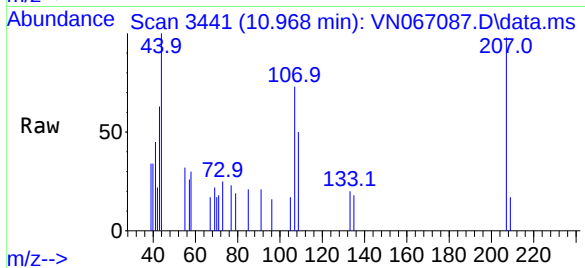




#61
1,2-Dibromoethane
Concen: 0.20 ug/l
RT: 10.968 min Scan# 3441
Delta R.T. 0.013 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

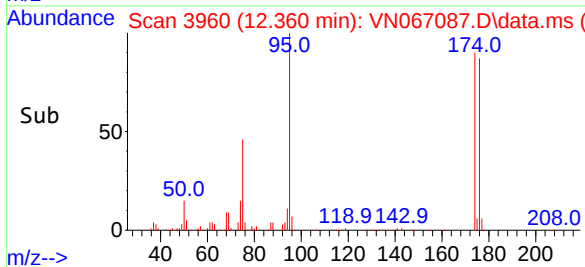
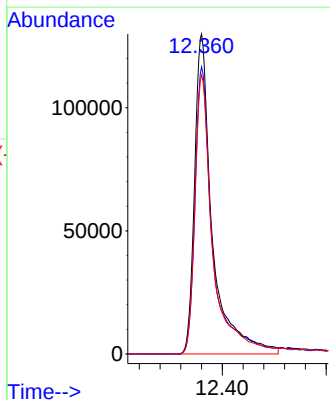
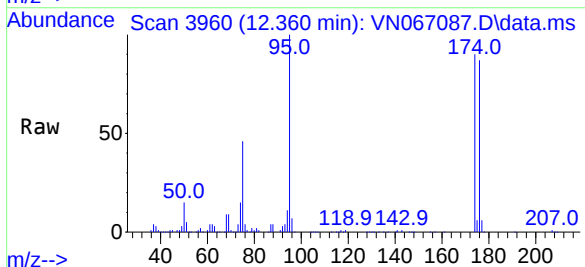
Instrument :
MSVOA_N
ClientSampled :
IBLK

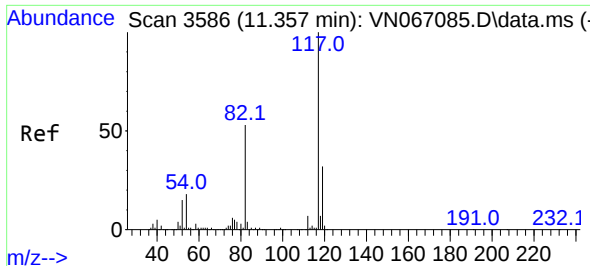
Tgt Ion:107 Resp: 1237
Ion Ratio Lower Upper
107 100
109 77.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 43.42 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 95 Resp: 309603
Ion Ratio Lower Upper
95 100
174 89.2 0.0 182.8
176 86.1 0.0 176.6

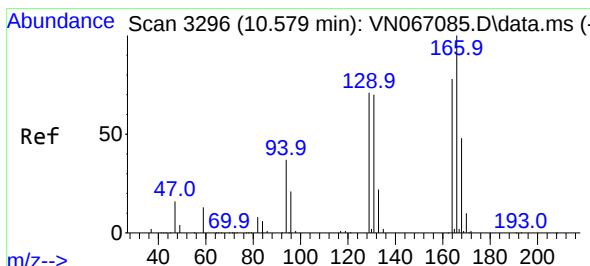
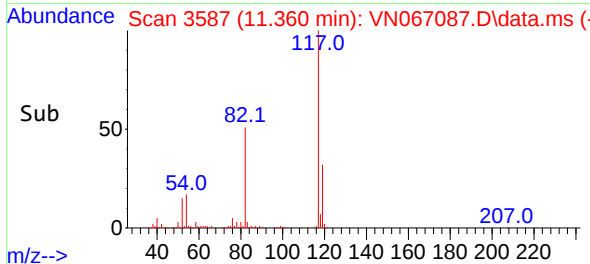
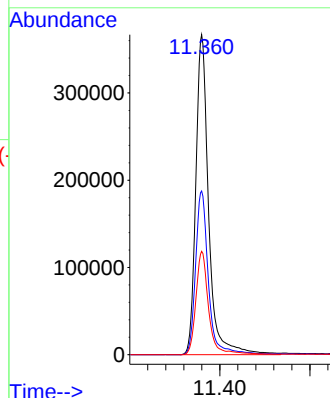
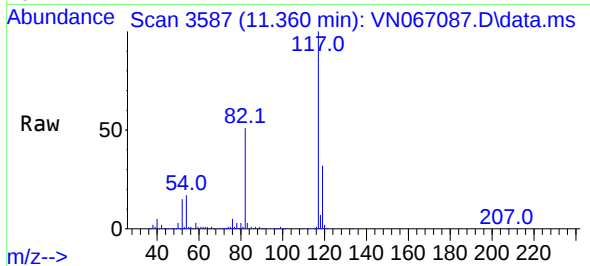




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

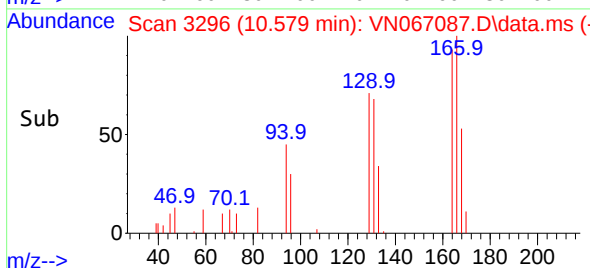
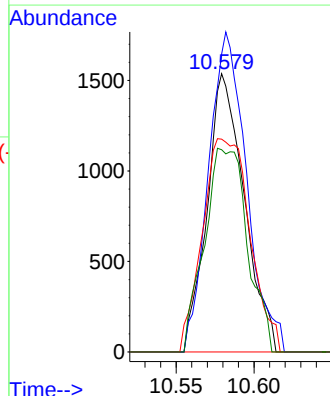
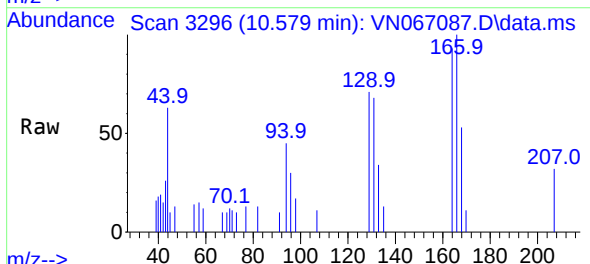
Instrument :
MSVOA_N
ClientSampleId :
IBLK

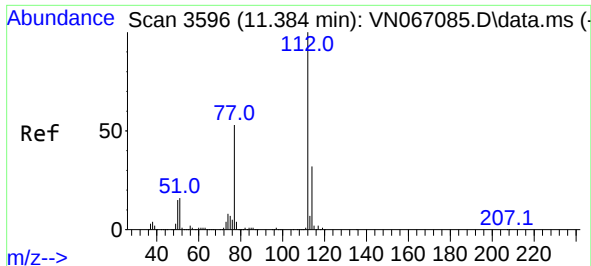
Tgt Ion:117 Resp: 726136
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.2
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 10.579 min Scan# 3296
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:164 Resp: 2548
Ion Ratio Lower Upper
164 100
166 107.1 103.0 154.6
129 76.5 73.3 109.9
131 72.7 72.0 108.0

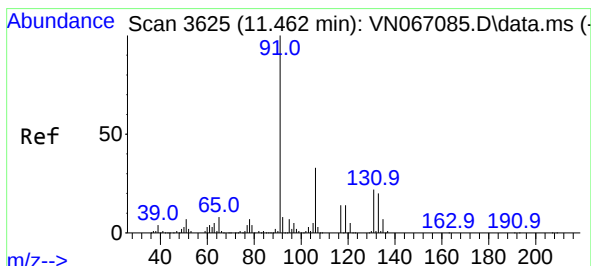
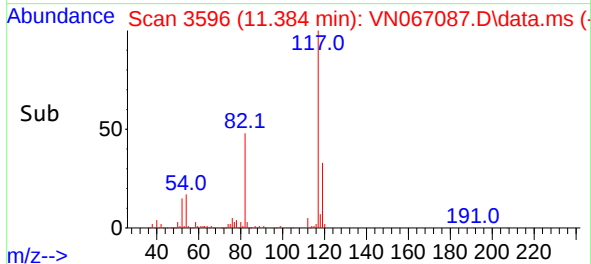
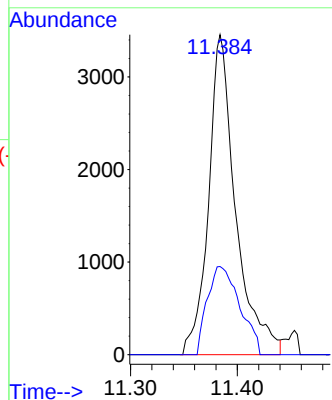
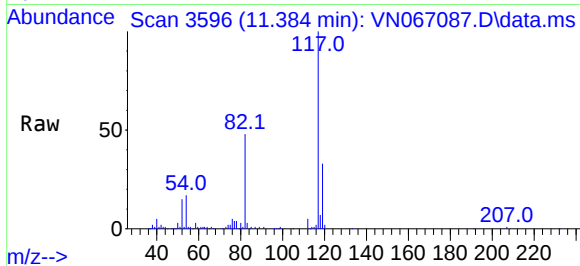




#65
Chlorobenzene
Concen: 0.38 ug/l
RT: 11.384 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

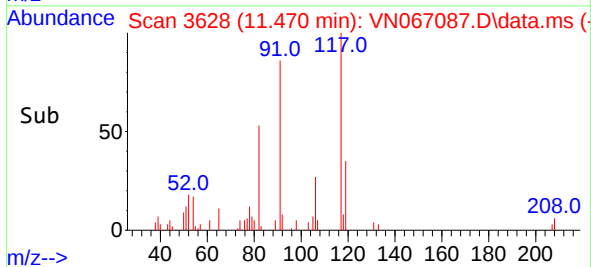
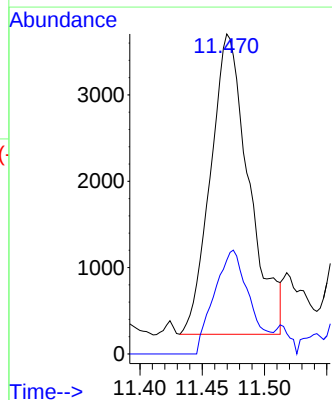
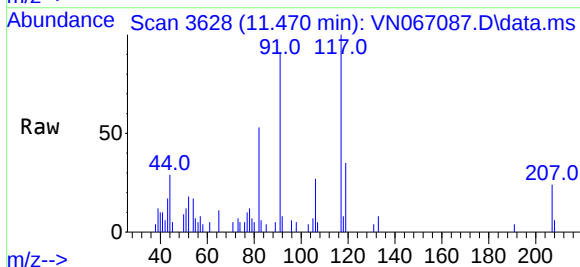
Instrument :
MSVOA_N
ClientSampled :
IBLK

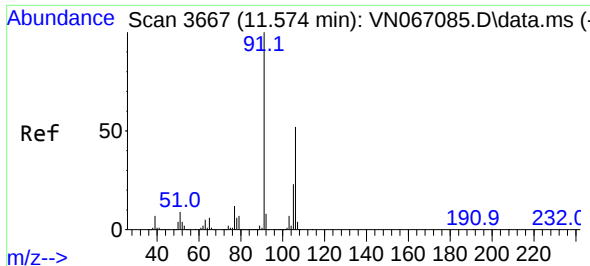
Tgt Ion:112 Resp: 6093
Ion Ratio Lower Upper
112 100
114 27.6 25.6 38.4



#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 11.470 min Scan# 3628
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 91 Resp: 7437
Ion Ratio Lower Upper
91 100
106 31.2 26.2 39.2

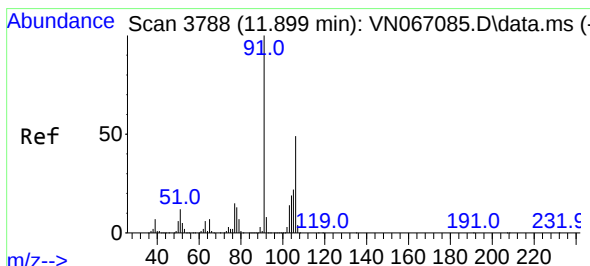
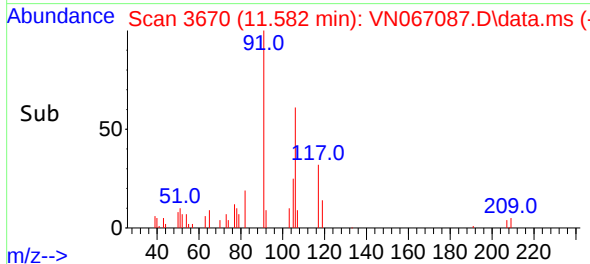
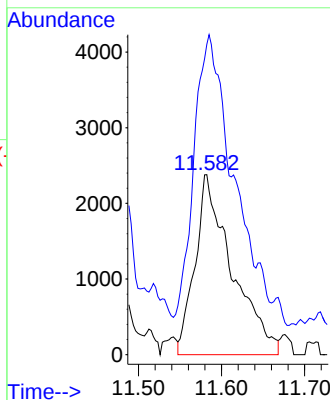
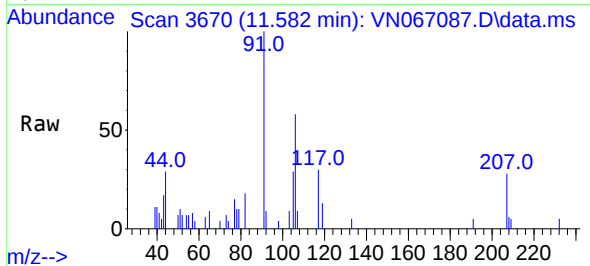




#68
m/p-Xylenes
Concen: 0.70 ug/l
RT: 11.582 min Scan# 3670
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

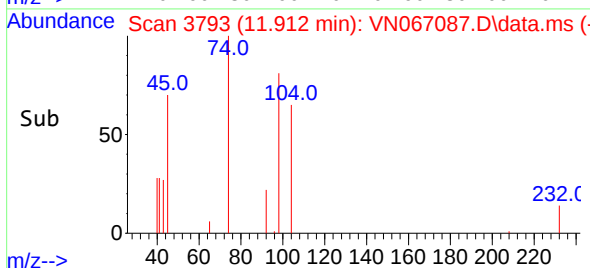
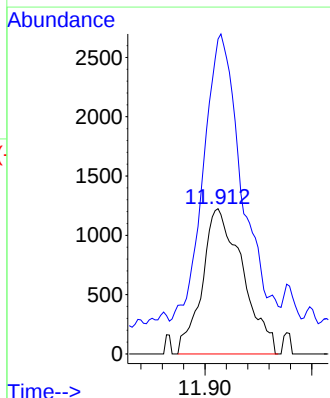
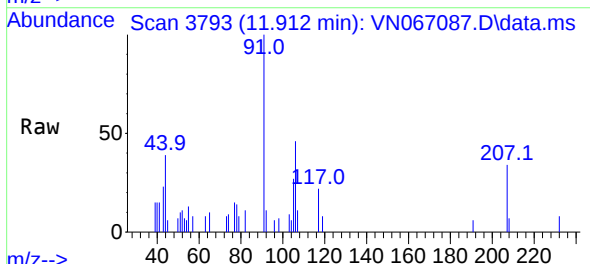
Instrument :
MSVOA_N
ClientSampled :
IBLK

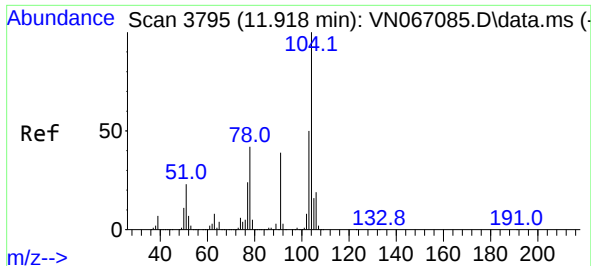
Tgt Ion:106 Resp: 7348
Ion Ratio Lower Upper
106 100
91 157.3 155.2 232.8



#69
o-Xylene
Concen: 0.30 ug/l
RT: 11.912 min Scan# 3793
Delta R.T. 0.013 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:106 Resp: 3216
Ion Ratio Lower Upper
106 100
91 185.0 102.3 306.8

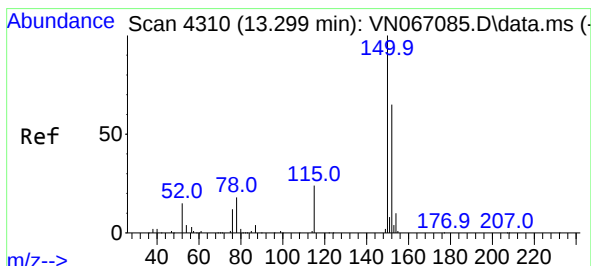
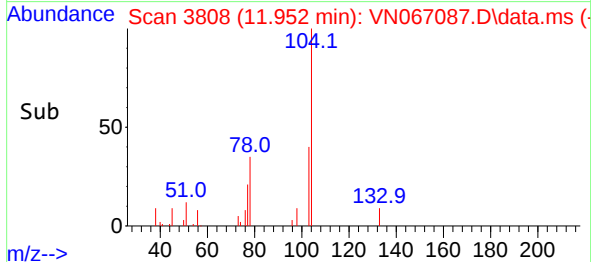
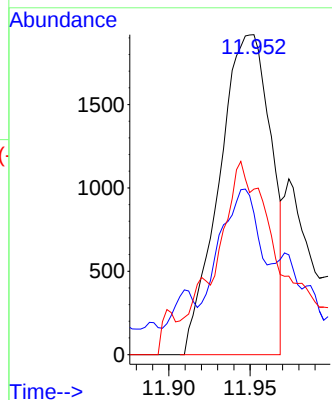
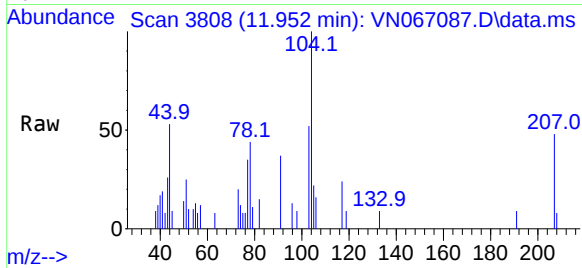




#70
Styrene
Concen: 0.26 ug/l
RT: 11.952 min Scan# 3808
Delta R.T. 0.035 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

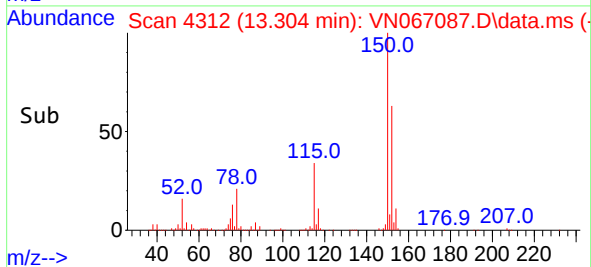
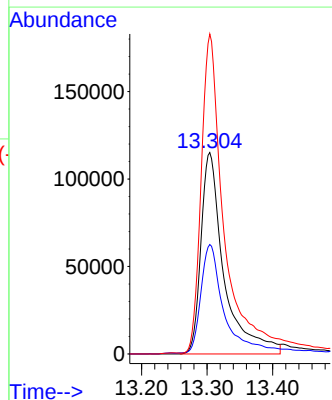
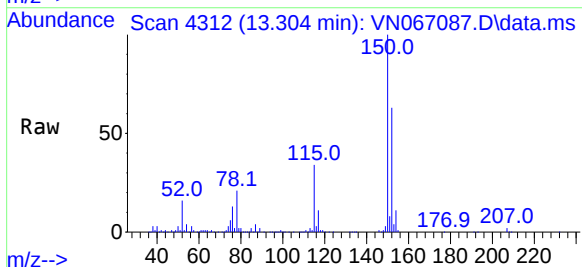
Instrument :
MSVOA_N
ClientSampled :
IBLK

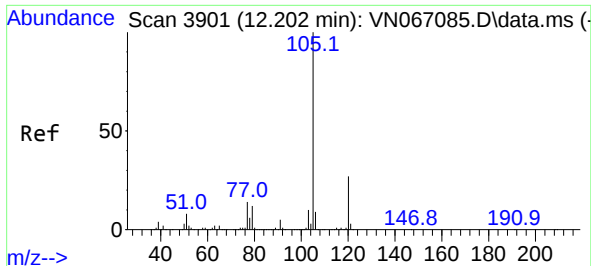
Tgt Ion:104 Resp: 4256
Ion Ratio Lower Upper
104 100
78 26.8 37.7 56.5#
103 69.7 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:152 Resp: 281800
Ion Ratio Lower Upper
152 100
115 54.7 27.0 80.8
150 162.7 0.0 350.2

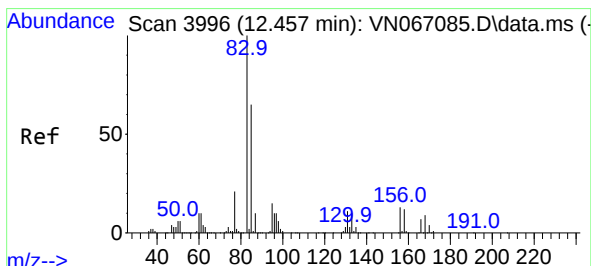
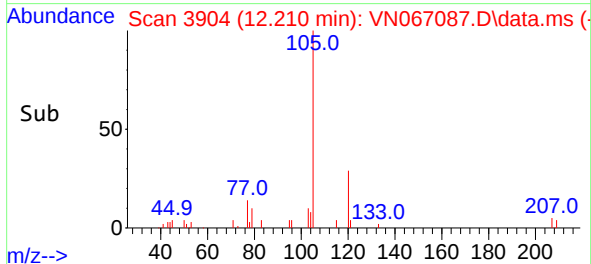
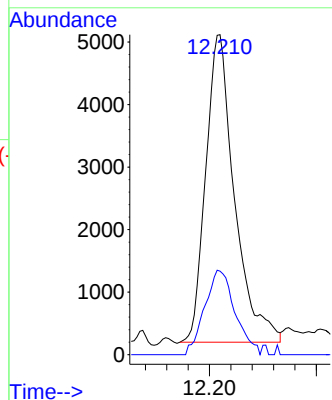
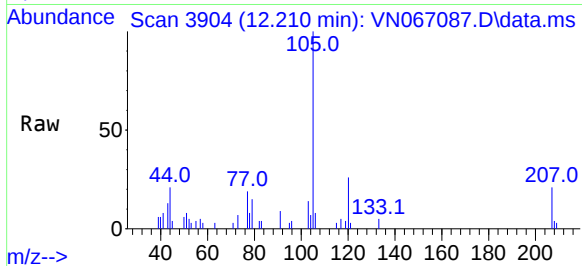




#73
Isopropylbenzene
Concen: 0.39 ug/l
RT: 12.210 min Scan# 3904
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

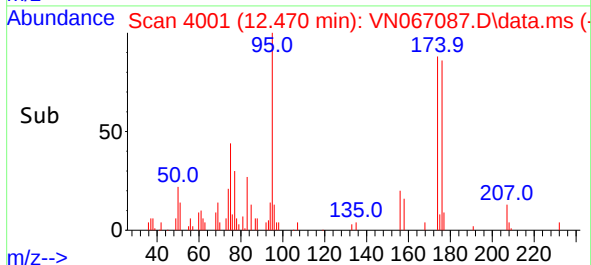
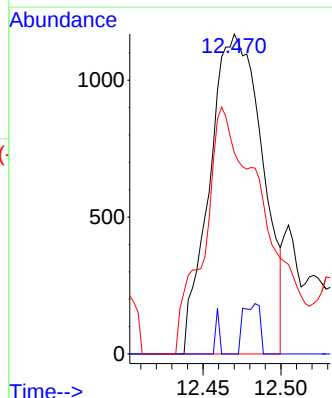
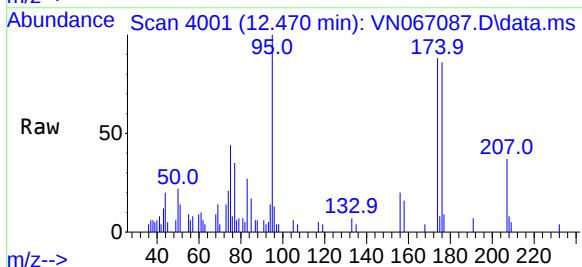
Instrument :
MSVOA_N
ClientSampled :
IBLK

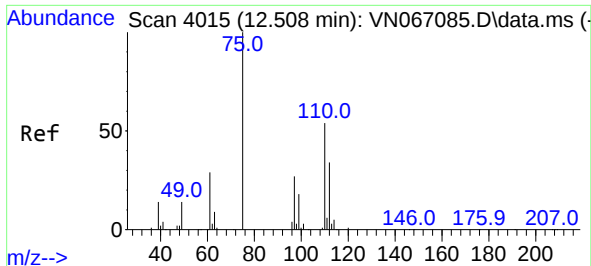
Tgt Ion:105 Resp: 9195
Ion Ratio Lower Upper
105 100
120 29.0 13.7 41.0



#75
1,1,2,2-Tetrachloroethane
Concen: 0.39 ug/l
RT: 12.470 min Scan# 4001
Delta R.T. 0.013 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 83 Resp: 2757
Ion Ratio Lower Upper
83 100
131 1.0 5.3 16.1#
85 89.2 32.6 97.8

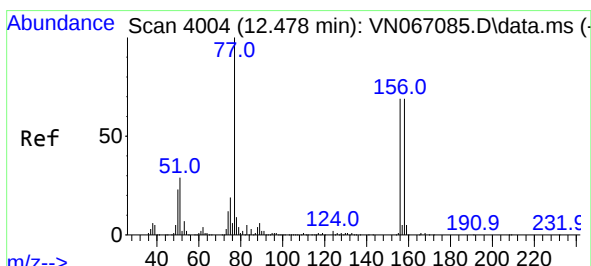
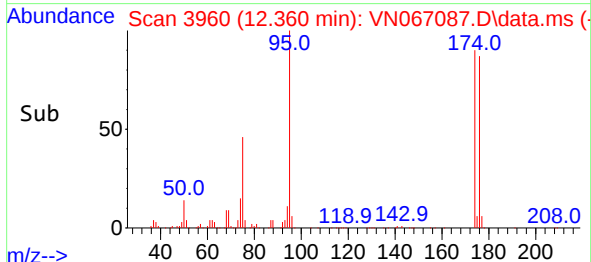
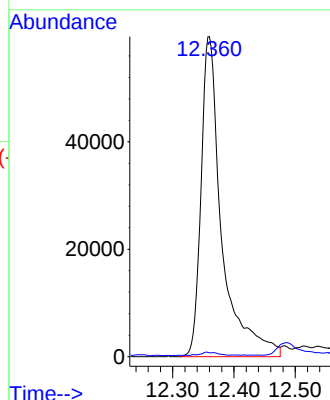
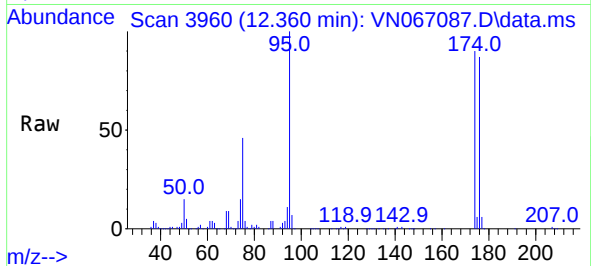




#76
1,2,3-Trichloropropane
Concen: 23.92 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. -0.148 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

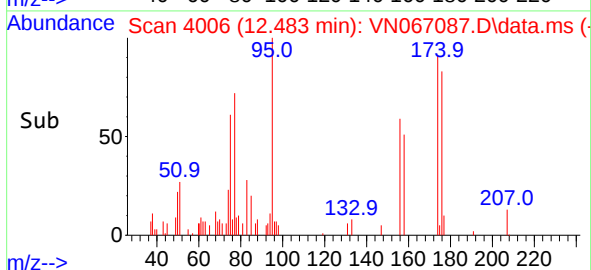
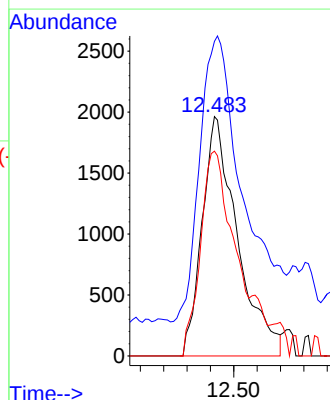
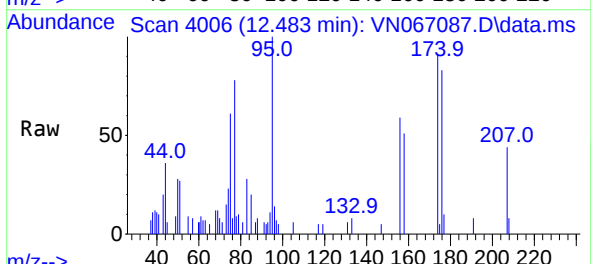
Instrument :
MSVOA_N
ClientSampled :
IBLK

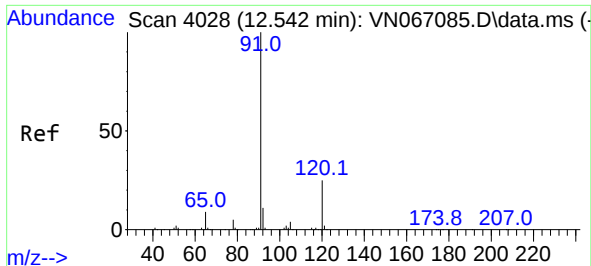
Tgt Ion: 75 Resp: 140185
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#77
Bromobenzene
Concen: 0.70 ug/l
RT: 12.483 min Scan# 4006
Delta R.T. 0.005 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:156 Resp: 4112
Ion Ratio Lower Upper
156 100
77 146.6 87.9 263.8
158 89.4 49.0 147.2

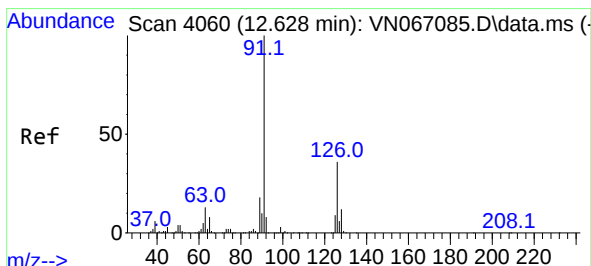
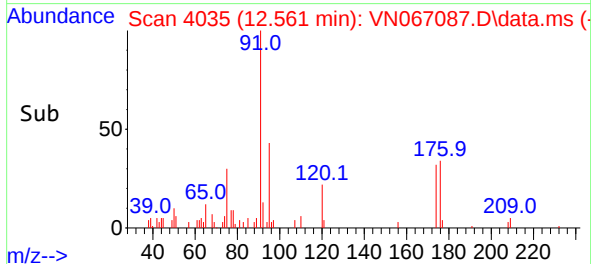
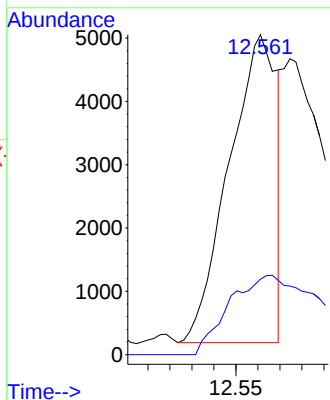
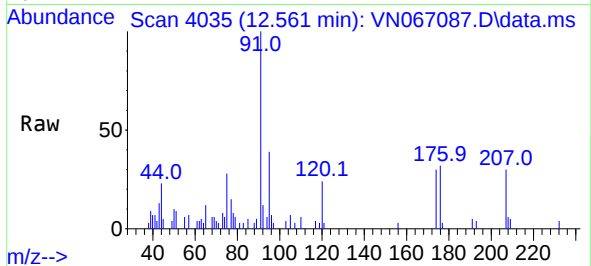




#78
n-propylbenzene
Concen: 0.31 ug/l
RT: 12.561 min Scan# 4035
Delta R.T. 0.019 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

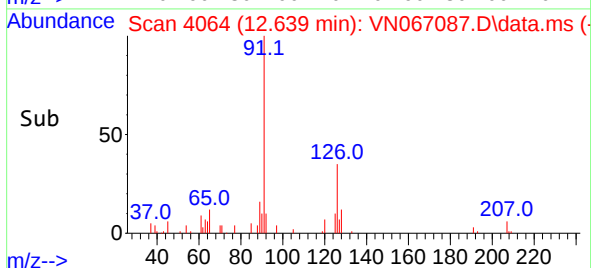
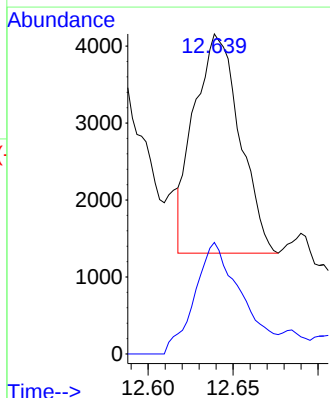
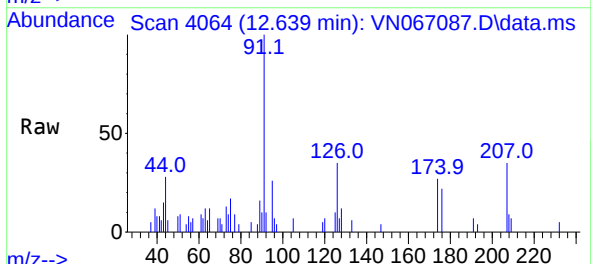
Instrument :
MSVOA_N
ClientSampled :
IBLK

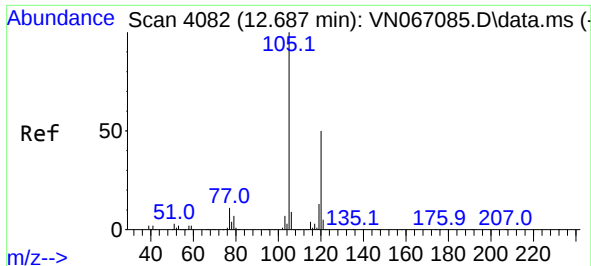
Tgt Ion: 91 Resp: 7292
Ion Ratio Lower Upper
91 100
120 58.7 12.7 38.0#



#79
2-Chlorotoluene
Concen: 0.37 ug/l
RT: 12.639 min Scan# 4064
Delta R.T. 0.011 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 91 Resp: 5317
Ion Ratio Lower Upper
91 100
126 52.3 18.3 54.8

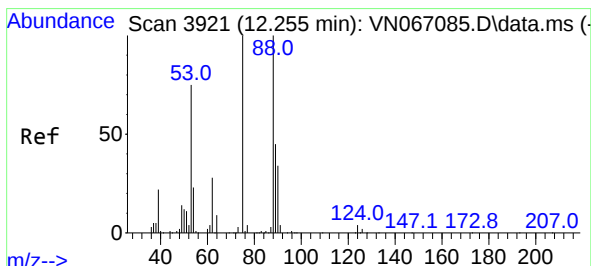
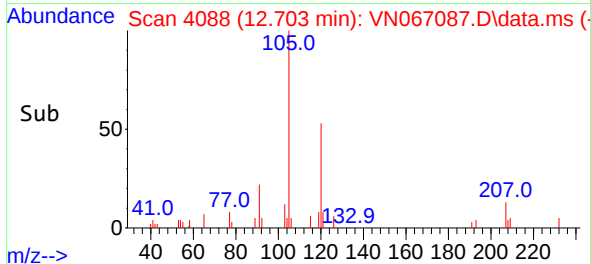
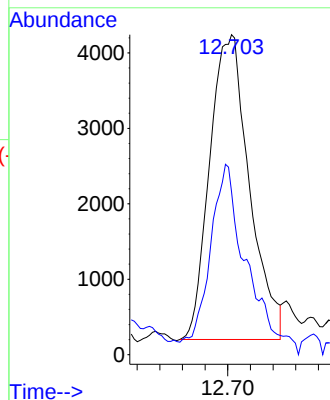
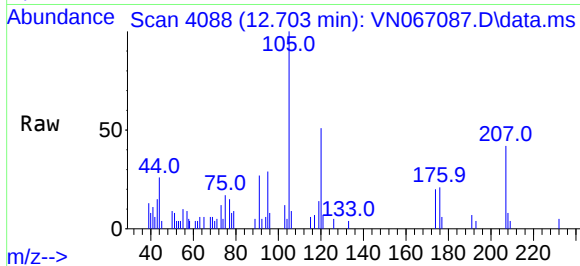




#80
1,3,5-Trimethylbenzene
Concen: 0.50 ug/l
RT: 12.703 min Scan# 4088
Delta R.T. 0.016 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

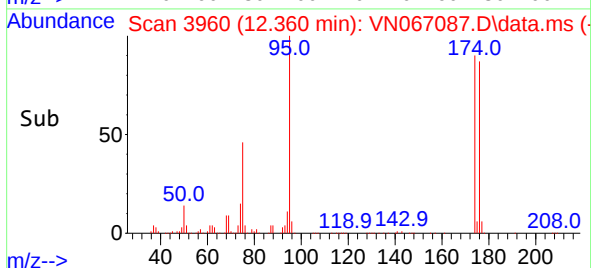
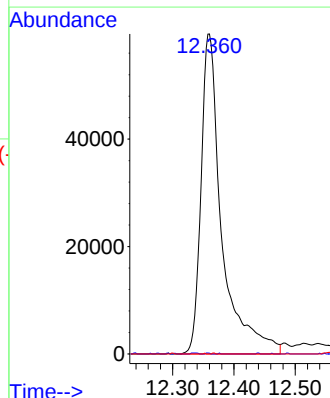
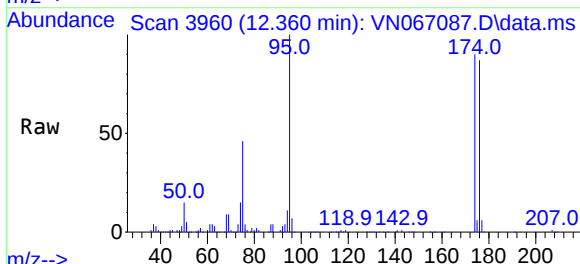
Instrument :
MSVOA_N
ClientSampled :
IBLK

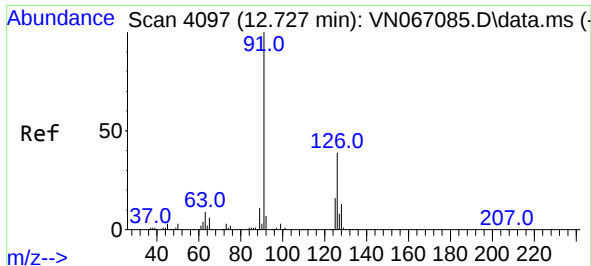
Tgt Ion:105 Resp: 9807
Ion Ratio Lower Upper
105 100
120 58.9 25.0 75.0



#81
trans-1,4-Dichloro-2-butene
Concen: 83.03 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.105 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 75 Resp: 140185
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.0 39.5 59.3#

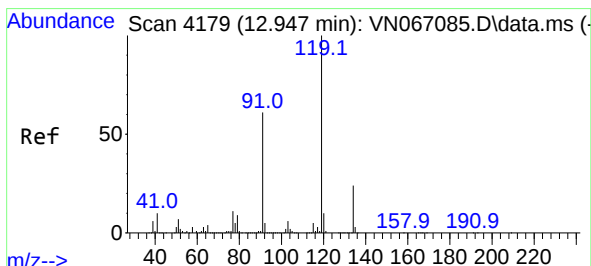
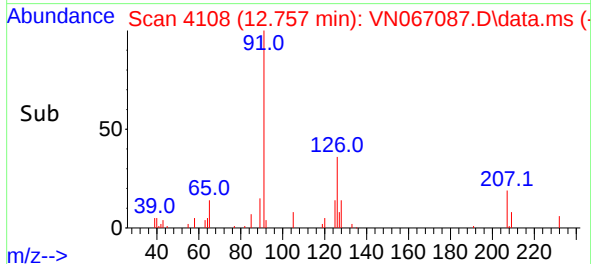
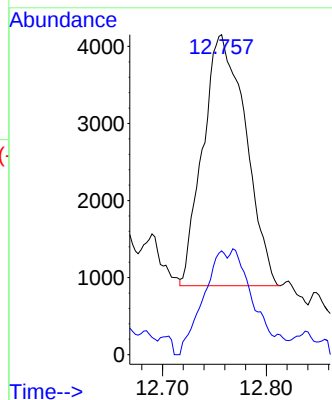
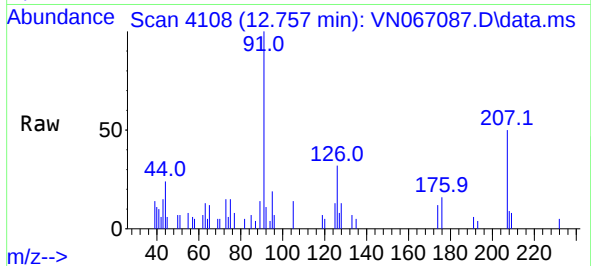




#82
4-Chlorotoluene
Concen: 0.68 ug/l
RT: 12.757 min Scan# 4108
Delta R.T. 0.029 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

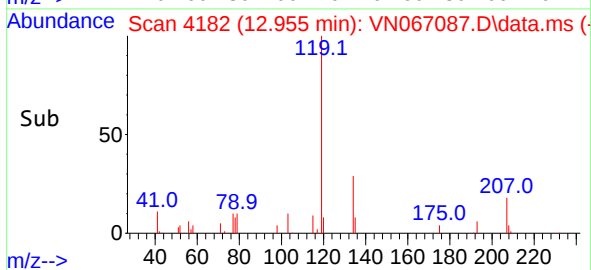
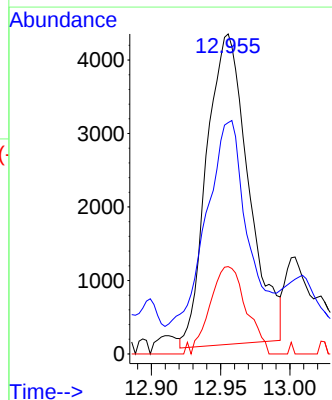
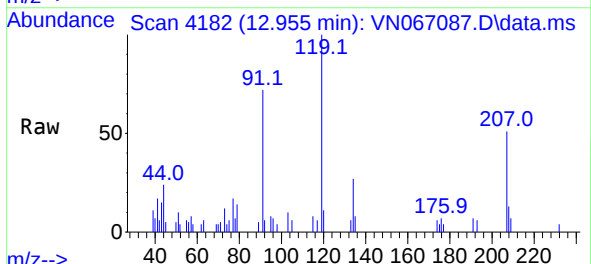
Instrument :
MSVOA_N
ClientSampled :
IBLK

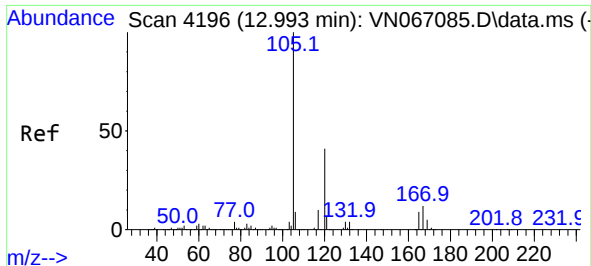
Tgt Ion: 91 Resp: 9313
Ion Ratio Lower Upper
91 100
126 23.4 17.7 53.1



#83
tert-Butylbenzene
Concen: 0.48 ug/l
RT: 12.955 min Scan# 4182
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion: 119 Resp: 8873
Ion Ratio Lower Upper
119 100
91 63.3 30.2 90.6
134 24.5 13.0 39.0

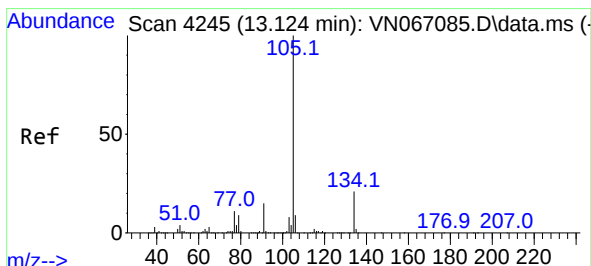
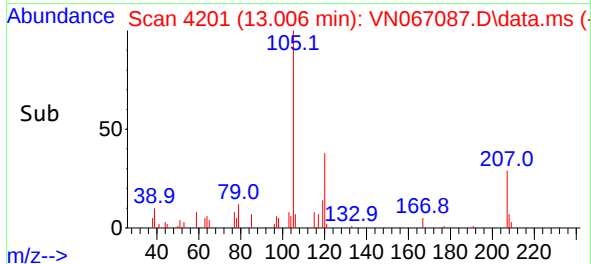
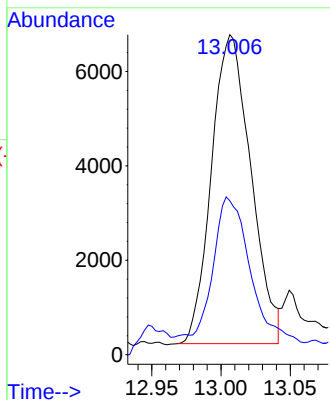
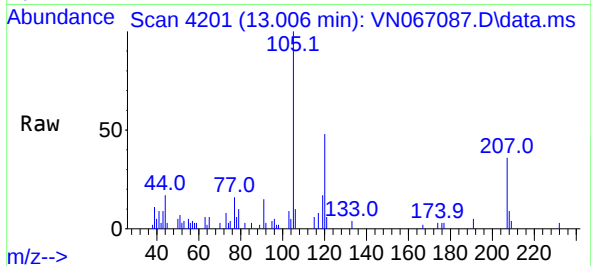




#84
1,2,4-Trimethylbenzene
Concen: 0.72 ug/l
RT: 13.006 min Scan# 4201
Delta R.T. 0.013 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

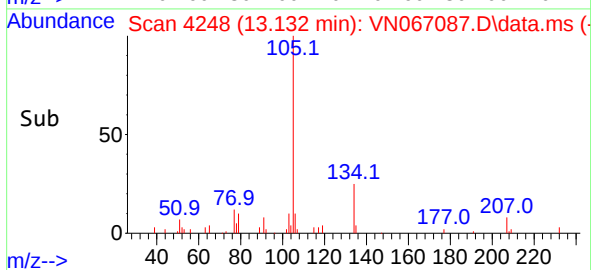
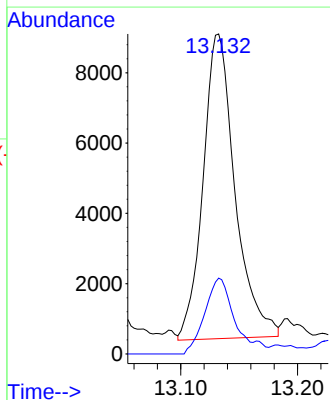
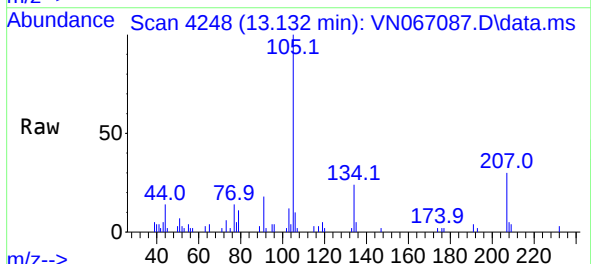
Instrument :
MSVOA_N
ClientSampled :
IBLK

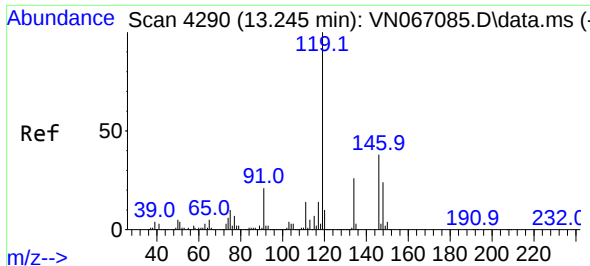
Tgt Ion:105 Resp: 12978
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.2



#85
sec-Butylbenzene
Concen: 0.74 ug/l
RT: 13.132 min Scan# 4248
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:105 Resp: 16488
Ion Ratio Lower Upper
105 100
134 22.2 10.5 31.5

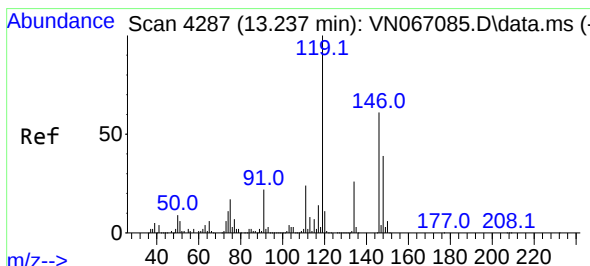
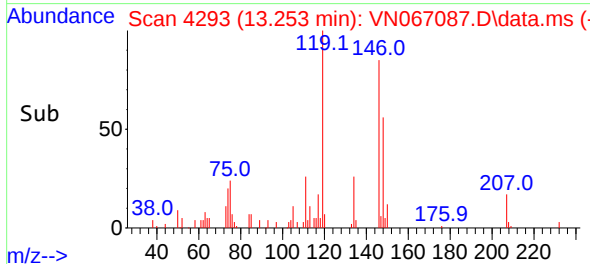
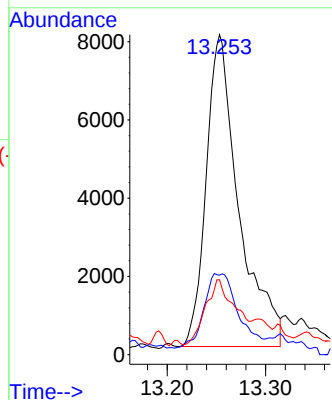
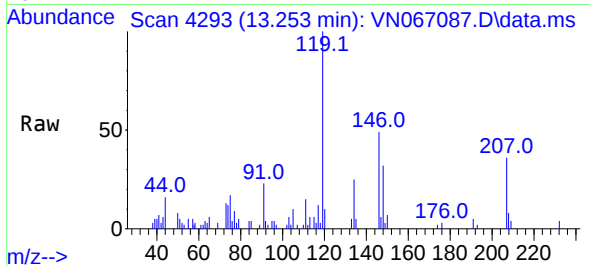




#86
p-Isopropyltoluene
Concen: 0.96 ug/l
RT: 13.253 min Scan# 4293
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

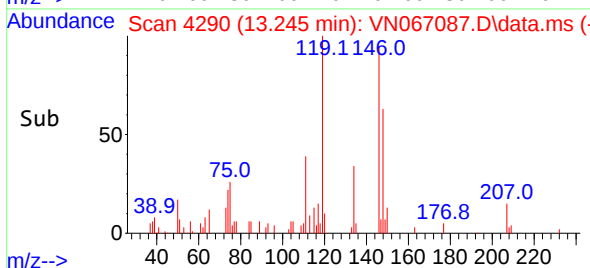
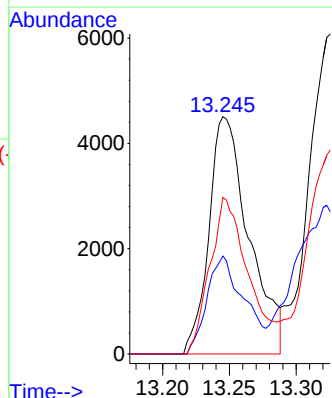
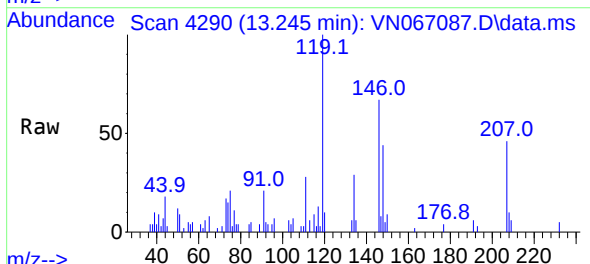
Instrument :
MSVOA_N
ClientSampled :
IBLK

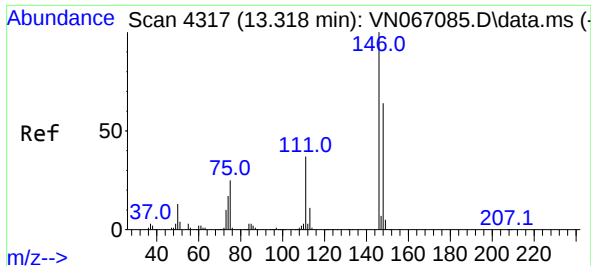
Tgt Ion:	119	Resp:	18395
Ion Ratio	Lower	Upper	
119	100		
134	24.3	13.3	39.9
91	19.2	10.7	32.1



#87
1,3-Dichlorobenzene
Concen: 0.99 ug/l
RT: 13.245 min Scan# 4290
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:	146	Resp:	9387
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.3	57.8
148	63.3	32.0	96.2

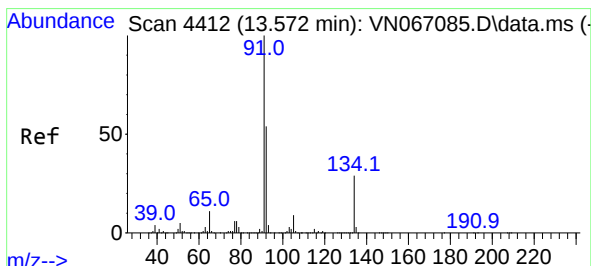
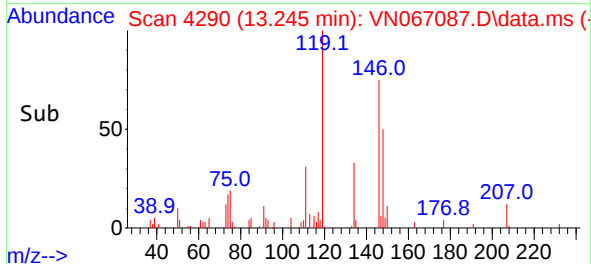
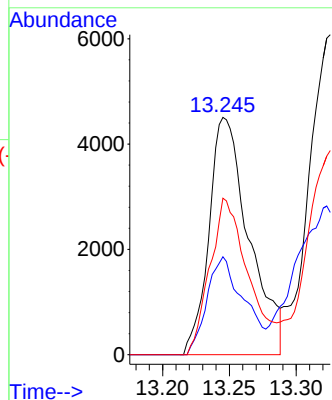
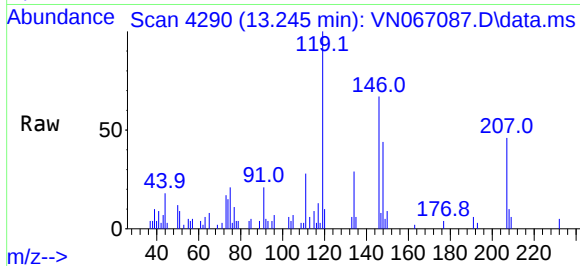




#88
1,4-Dichlorobenzene
Concen: 0.95 ug/l
RT: 13.245 min Scan# 4290
Delta R.T. -0.072 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

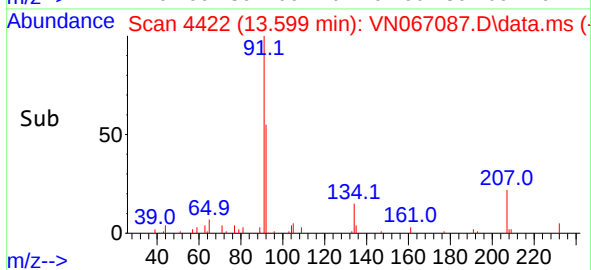
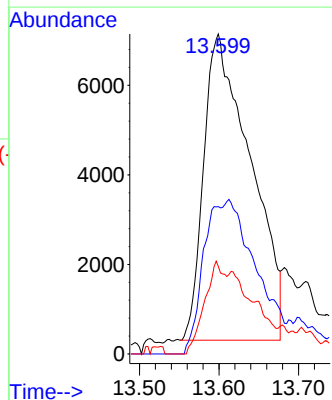
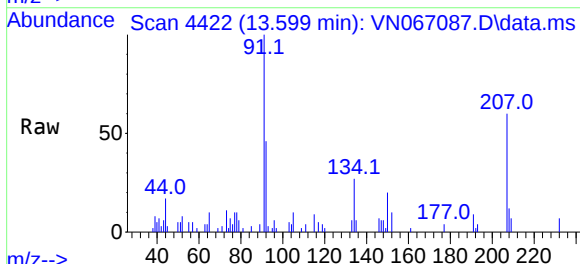
Instrument :
MSVOA_N
ClientSampled :
IBLK

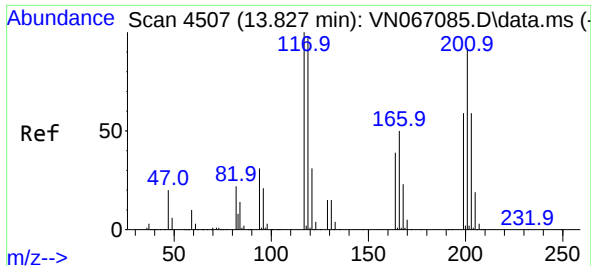
Tgt Ion:	146	Resp:	9387
Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.5	55.5
148	63.3	31.4	94.3



#89
n-Butylbenzene
Concen: 2.00 ug/l
RT: 13.599 min Scan# 4422
Delta R.T. 0.027 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:	91	Resp:	27990
Ion	Ratio	Lower	Upper
91	100		
92	19.2	26.5	79.5#
134	13.4	14.3	42.9#

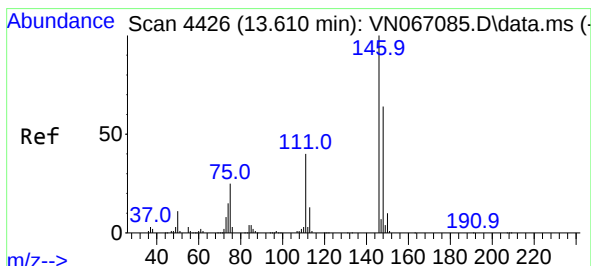
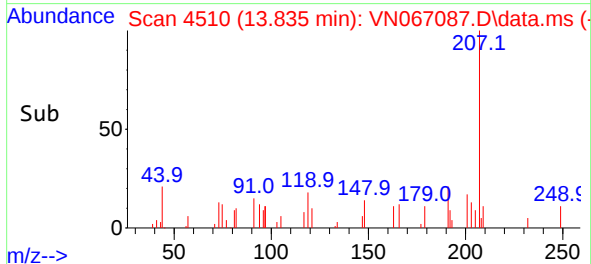
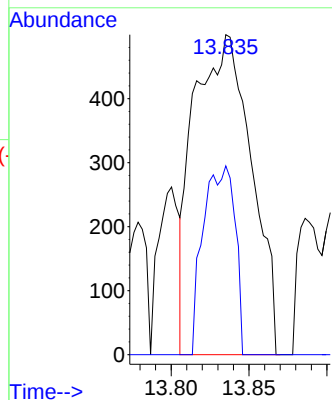
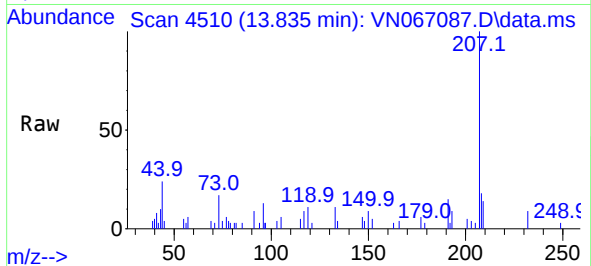




#90
Hexachloroethane
Concen: 0.37 ug/l
RT: 13.835 min Scan# 4510
Delta R.T. 0.008 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

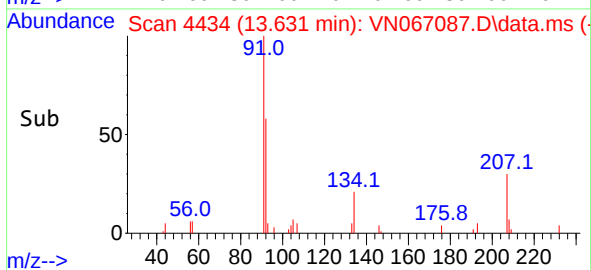
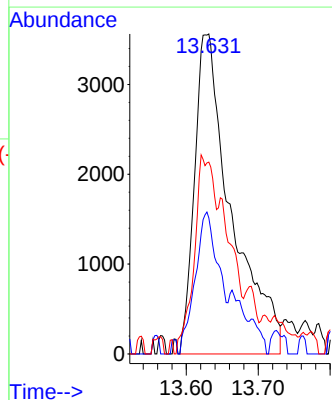
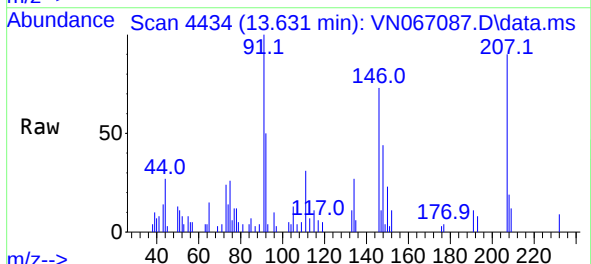
Instrument :
MSVOA_N
ClientSampled :
IBLK

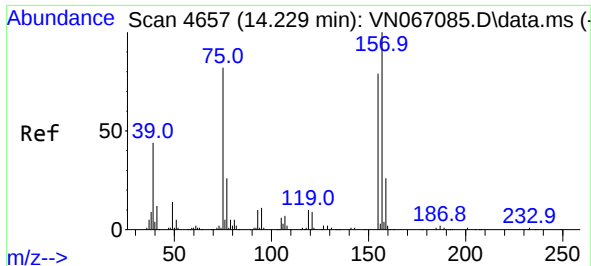
Tgt Ion:117 Resp: 1284
Ion Ratio Lower Upper
117 100
201 17.0 45.5 136.5#



#91
1,2-Dichlorobenzene
Concen: 1.32 ug/l
RT: 13.631 min Scan# 4434
Delta R.T. 0.021 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:146 Resp: 12708
Ion Ratio Lower Upper
146 100
111 28.8 19.8 59.3
148 34.1 31.7 95.1

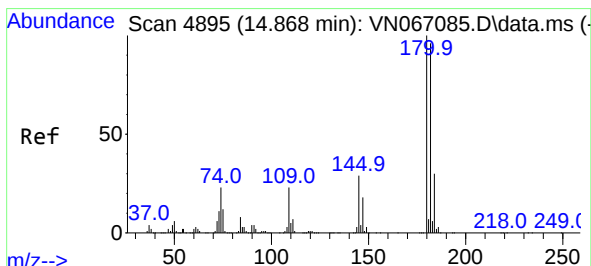
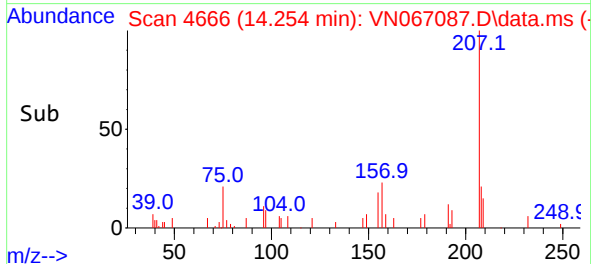
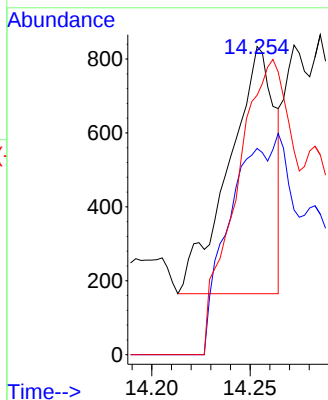
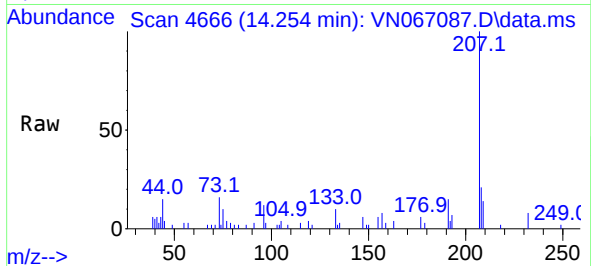




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.02 ug/l
RT: 14.254 min Scan# 4666
Delta R.T. 0.024 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

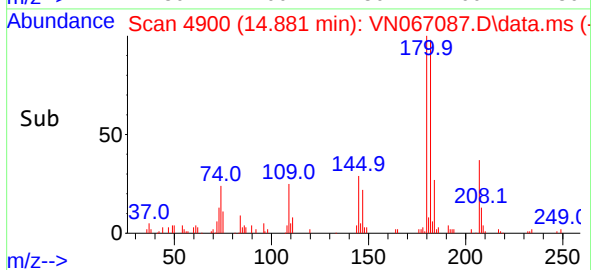
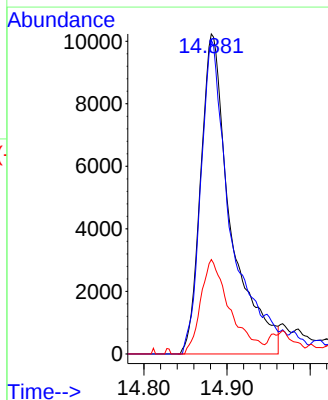
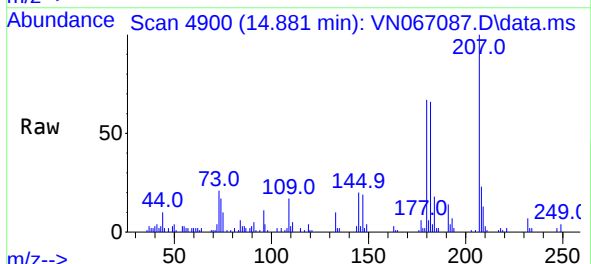
Instrument :
MSVOA_N
ClientSampled :
IBLK

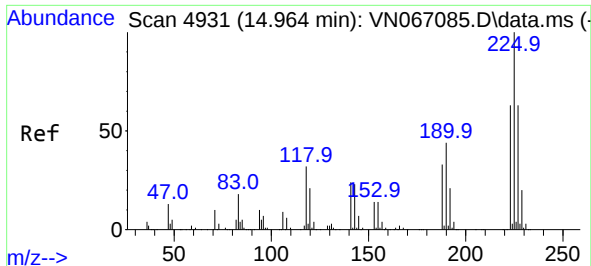
Tgt Ion: 75 Resp: 1076
Ion Ratio Lower Upper
75 100
155 75.7 49.9 149.7
157 146.7 63.8 191.4



#93
1,2,4-Trichlorobenzene
Concen: 5.13 ug/l
RT: 14.881 min Scan# 4900
Delta R.T. 0.013 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:180 Resp: 25639
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.8
145 29.1 14.0 42.0

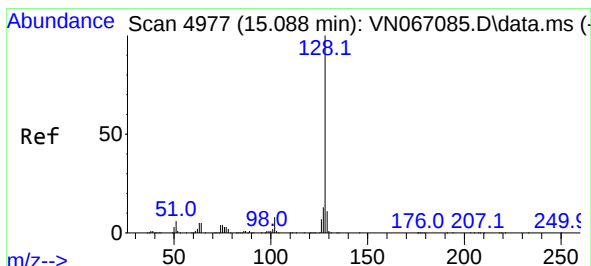
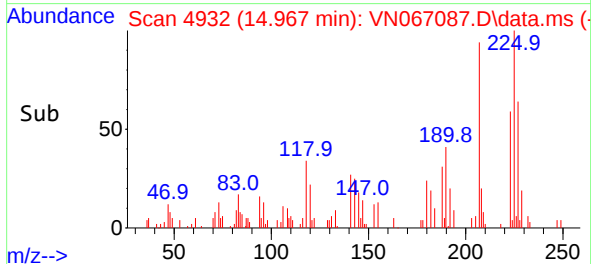
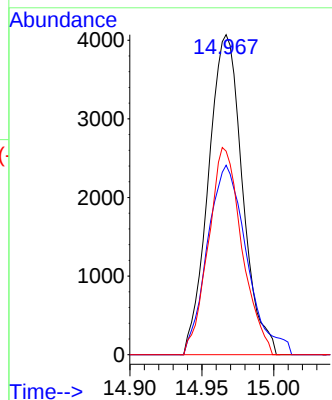
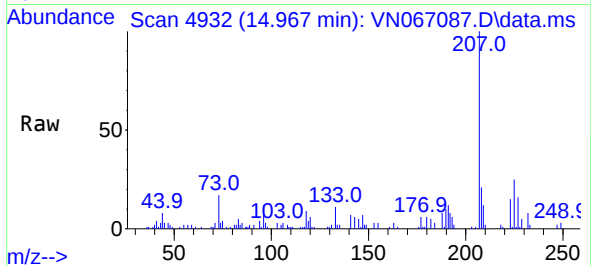




#94
Hexachlorobutadiene
Concen: 1.95 ug/l
RT: 14.967 min Scan# 4932
Delta R.T. 0.003 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

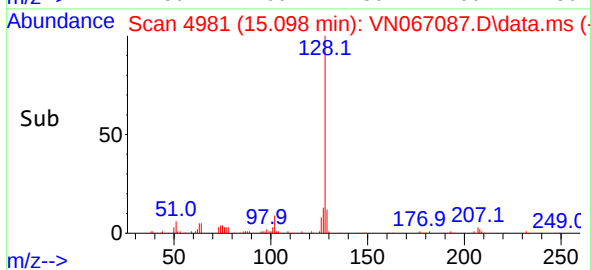
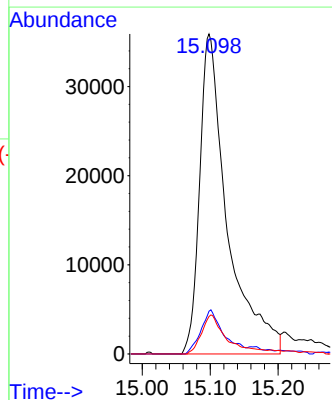
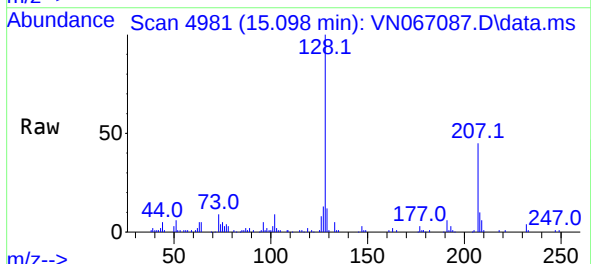
Instrument :
MSVOA_N
ClientSampled :
IBLK

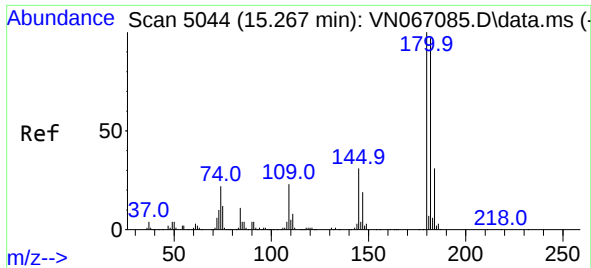
Tgt Ion:	225	Resp:	6704
Ion	Ratio	Lower	Upper
225	100		
223	68.3	31.7	95.1
227	63.9	31.7	95.1



#95
Naphthalene
Concen: 10.17 ug/l
RT: 15.098 min Scan# 4981
Delta R.T. 0.011 min
Lab File: VN067087.D
Acq: 14 May 2021 20:28

Tgt Ion:	128	Resp:	101502
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.2
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 7.66 ug/l
 RT: 15.273 min Scan# 5046
 Delta R.T. 0.005 min
 Lab File: VN067087.D
 Acq: 14 May 2021 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	34059
Ion Ratio	Lower	Upper	
180	100		
182	98.0	48.5	145.6
145	30.0	15.4	46.2

