

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065198.D
 Acq On : 22 Dec 2020 14:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 22 16:13:25 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	242769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	397993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	415964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	179134	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	145094	52.94	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	105.88%	
35) Dibromofluoromethane	7.553	113	126753	52.79	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	105.58%	
50) Toluene-d8	10.058	98	498546	55.40	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.376	95	200423	55.67	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	111.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.840	85	1109	0.49	ug/l	100
3) Chloromethane	2.049	50	722	0.28	ug/l	94
4) Vinyl Chloride	2.174	62	655	0.25	ug/l	92
5) Bromomethane	2.547	94	1257	0.66	ug/l	96
7) Trichlorofluoromethane	2.994	101	1430	0.36	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.717	101	1055	0.47	ug/l	90
10) Methyl Iodide	3.914	142	1588	0.47	ug/l #	83
12) 1,1-Dichloroethene	3.692	96	720	0.30	ug/l #	72
13) Acrolein	3.573	56	1266	6.54	ug/l #	57
14) Allyl chloride	4.277	41	793	0.20	ug/l #	73
15) Acrylonitrile	4.955	53	1743	1.61	ug/l #	33
17) Carbon Disulfide	4.007	76	9954	1.63	ug/l	99
20) Methylene Chloride	4.499	84	1298	0.49	ug/l #	66
21) trans-1,2-Dichloroethene	4.994	96	1767	0.75	ug/l	97
23) Vinyl Acetate	5.862	43	2534	0.38	ug/l #	71
25) 2-Butanone	6.804	43	907	0.59	ug/l #	49
27) cis-1,2-Dichloroethene	6.785	96	563	0.21	ug/l	56
28) Bromochloromethane	7.155	49	435	0.87	ug/l #	50
29) Tetrahydrofuran	7.187	42	1292	1.30	ug/l #	50
31) Cyclohexane	7.624	56	6257	1.55	ug/l #	40
36) 1,1-Dichloropropene	7.759	75	1719	0.48	ug/l #	82
38) Carbon Tetrachloride	7.740	117	795	0.21	ug/l #	57
39) Methylcyclohexane	9.055	83	2350	0.54	ug/l	86
42) 1,2-Dichloroethane	8.093	62	959	0.24	ug/l #	73
44) Trichloroethene	8.801	130	1413	0.45	ug/l	80
46) Dibromomethane	9.180	93	459	0.24	ug/l #	69
48) Methyl methacrylate	9.174	41	651	0.22	ug/l #	75
51) 4-Methyl-2-Pentanone	9.958	43	1968	0.57	ug/l #	82
52) Toluene	10.126	92	1730	0.25	ug/l	98
53) t-1,3-Dichloropropene	10.357	75	1366	0.30	ug/l #	52
58) 2-Chloroethyl Vinyl ether	9.662	63	871	0.48	ug/l #	46
59) 2-Hexanone	10.727	43	2019	0.79	ug/l	91
61) 1,2-Dibromoethane	10.981	107	581	0.20	ug/l	93
64) Tetrachloroethene	10.601	164	1958	0.48	ug/l	88
65) Chlorobenzene	11.405	112	2725	0.32	ug/l	93
67) Ethyl Benzene	11.486	91	4499	0.29	ug/l	99
68) m/p-Xylenes	11.598	106	3694	0.64	ug/l	98

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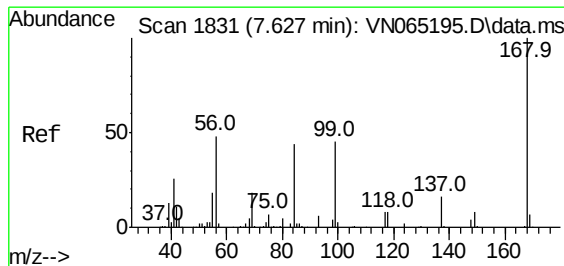
Instrument :
 MSVOA_N
 ClientSampleId :
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 Quant Title : Sw846 8260
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 Response via : Initial Calibration

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

69) o-Xylene	11.920	106	1216	0.22	ug/l	83
70) Styrene	11.939	104	2841	0.31	ug/l	98
73) Isopropylbenzene	12.222	105	4831	0.35	ug/l	97
74) N-aryl acetate	12.048	43	1162	0.21	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.479	83	763	0.21	ug/l #	95
77) Bromobenzene	12.498	156	1473	0.41	ug/l	95
78) n-propylbenzene	12.566	91	7561	0.49	ug/l	99
79) 2-Chlorotoluene	12.650	91	4171	0.46	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	4921	0.42	ug/l	99
82) 4-Chlorotoluene	12.746	91	5668	0.61	ug/l	96
83) tert-Butylbenzene	12.968	119	4177	0.42	ug/l	94
84) 1,2,4-Trimethylbenzene	13.016	105	5133	0.45	ug/l	90
85) sec-Butylbenzene	13.148	105	6515	0.50	ug/l	97
86) p-Isopropyltoluene	13.264	119	6997	0.58	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	3869	0.65	ug/l	97
88) 1,4-Dichlorobenzene	13.257	146	3869	0.65	ug/l	98
89) n-Butylbenzene	13.588	91	7512	0.73	ug/l	99
90) Hexachloroethane	13.849	117	690	0.33	ug/l	85
91) 1,2-Dichlorobenzene	13.630	146	3242	0.57	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.248	75	1211	1.60	ug/l #	34
93) 1,2,4-Trichlorobenzene	14.887	180	4939	4.15	ug/l	98
94) Hexachlorobutadiene	14.981	225	4521	2.00	ug/l	95
95) Naphthalene	15.100	128	16439	5.02	ug/l	97
96) 1,2,3-Trichlorobenzene	15.264	180	6246	5.00	ug/l	93

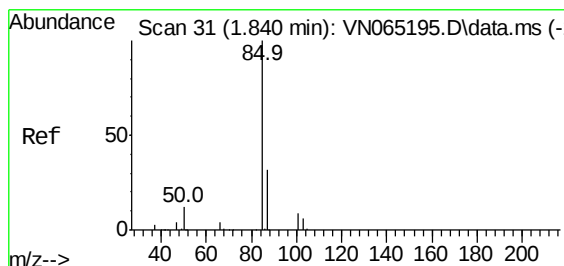
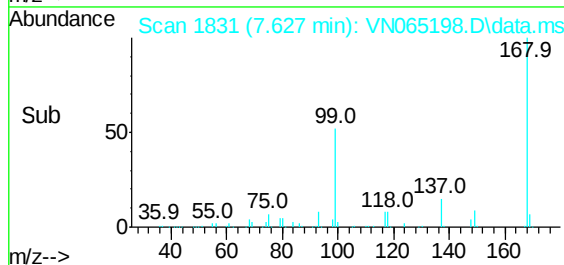
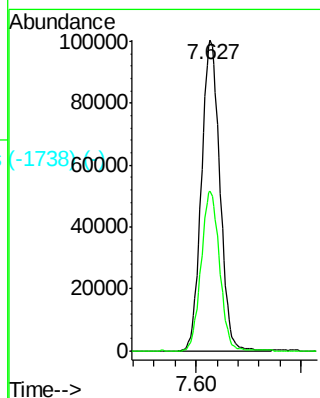
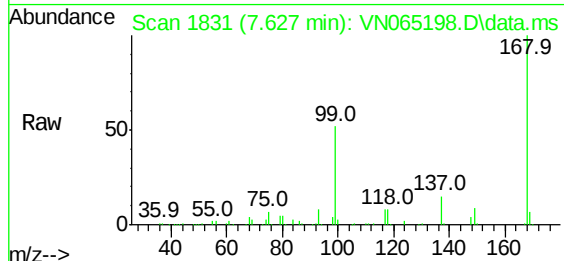
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

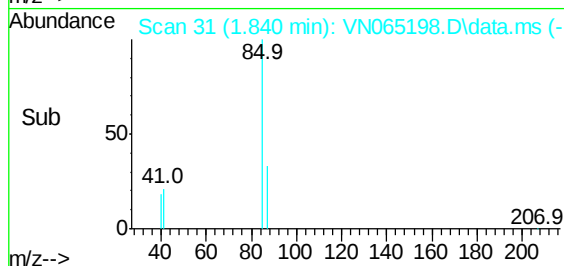
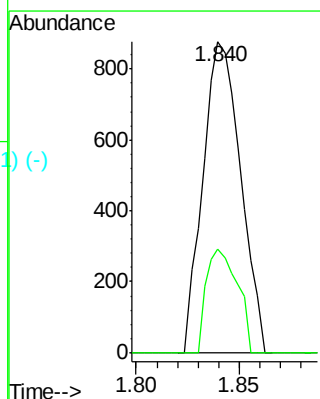
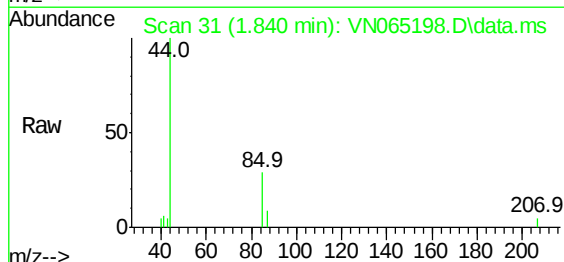
Instrument :
MSVOA_N
ClientSampled :
IBLK

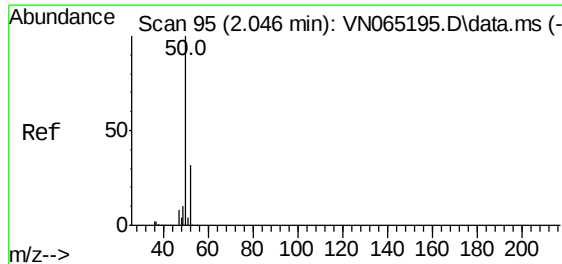
Tgt Ion:168 Resp: 242769
Ion Ratio Lower Upper
168 100
99 51.6 43.0 64.4



Dichlorodifluoromethane
Concen: 0.49 ug/l
RT: 1.840 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 85 Resp: 1109
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.4

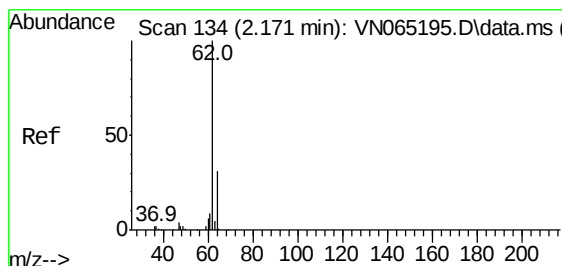
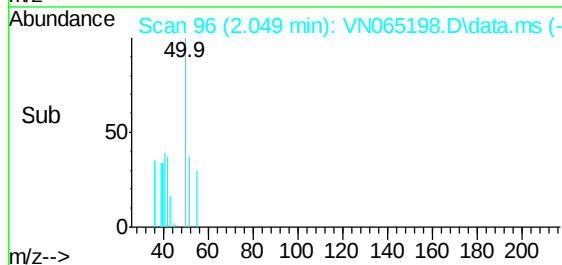
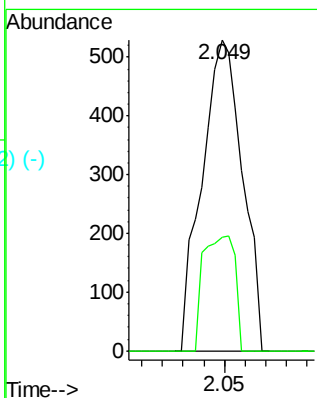
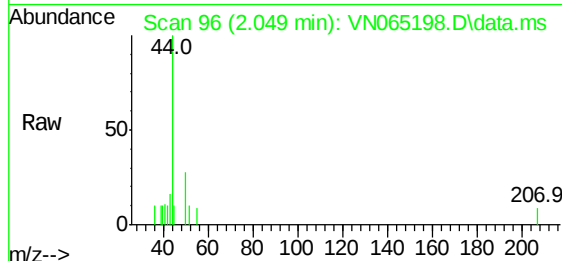




Chloromethane
Concen: 0.28 ug/l
RT: 2.049 min Scan# 96
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

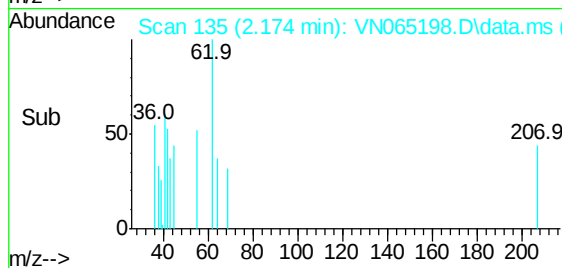
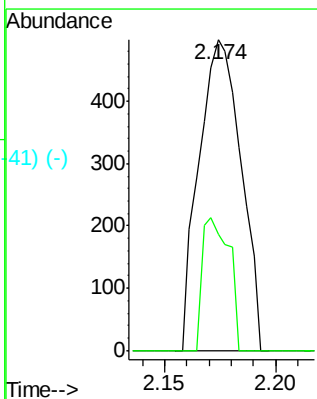
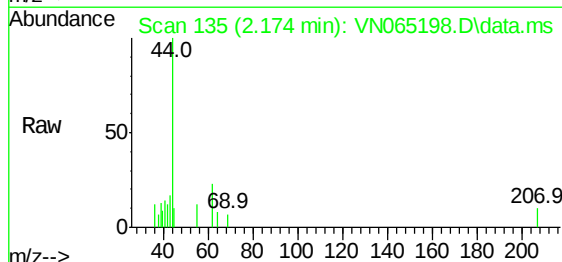
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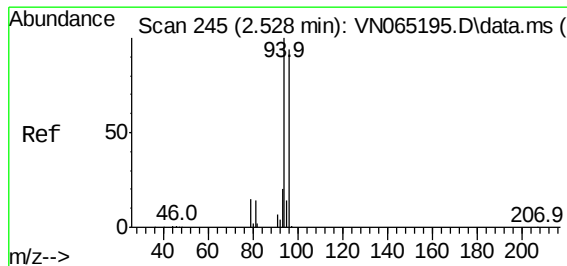
Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 36.7 26.6 39.8



Vinyl Chloride
Concen: 0.25 ug/l
RT: 2.174 min Scan# 135
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 62 Resp: 655
Ion Ratio Lower Upper
62 100
64 37.5 26.5 39.7

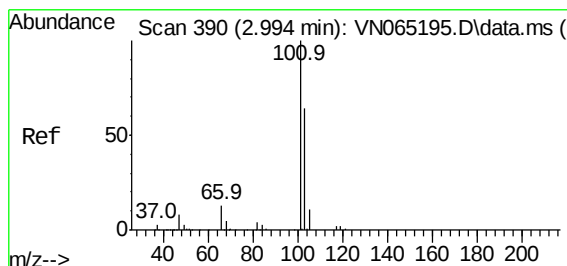
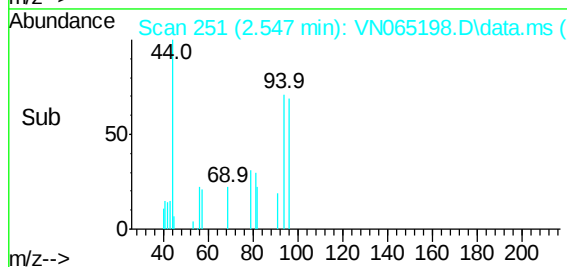
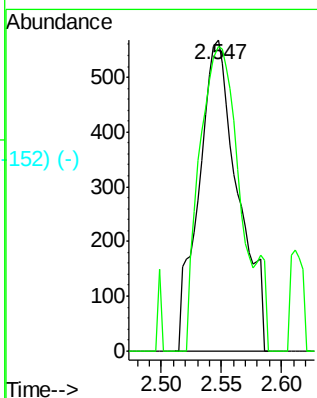
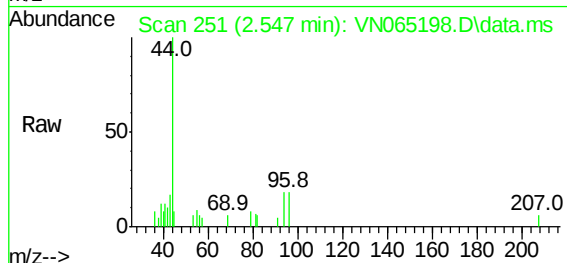




Bromomethane
Concen: 0.66 ug/l
RT: 2.547 min Scan# 251
Delta R.T. 0.019 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

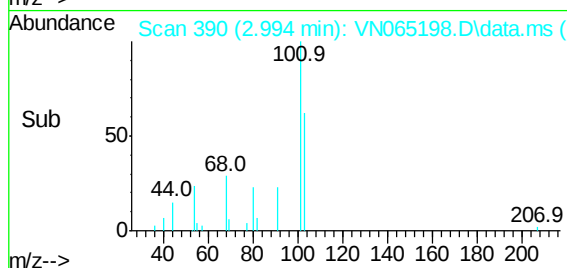
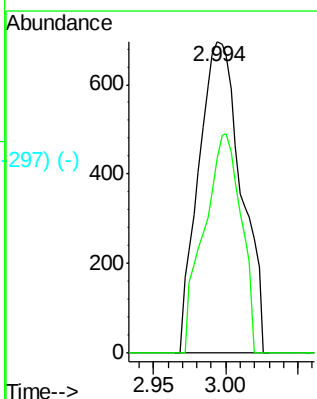
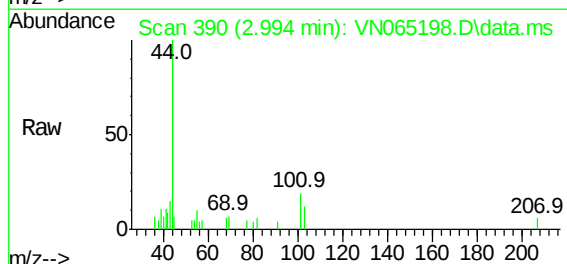
Instrument :
MSVOA_N
ClientSampleId :
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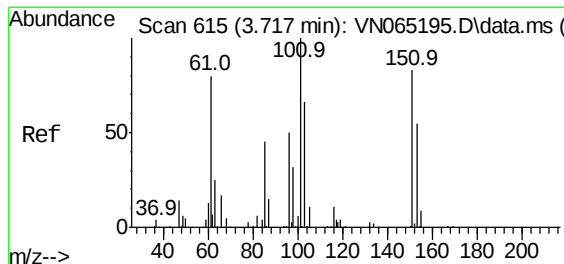
Tgt Ion: 94 Resp: 1257
Ion Ratio Lower Upper
94 100
96 97.9 75.4 113.0



Trichlorofluoromethane
Concen: 0.36 ug/l
RT: 2.994 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 101 Resp: 1430
Ion Ratio Lower Upper
101 100
103 62.5 50.5 75.7

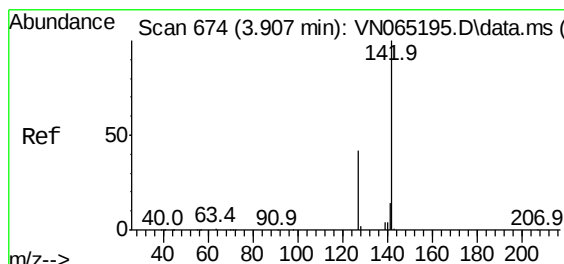
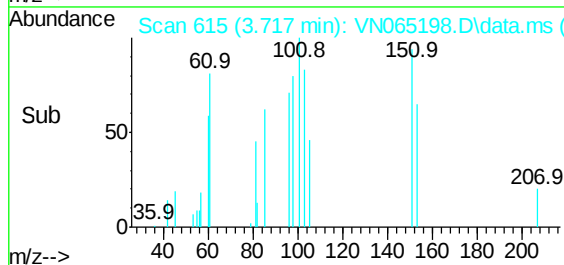
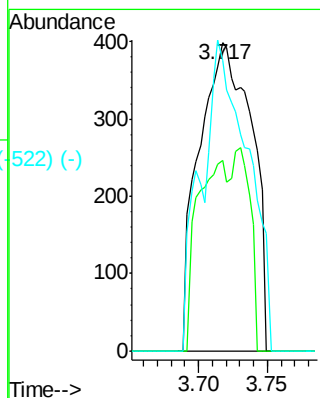
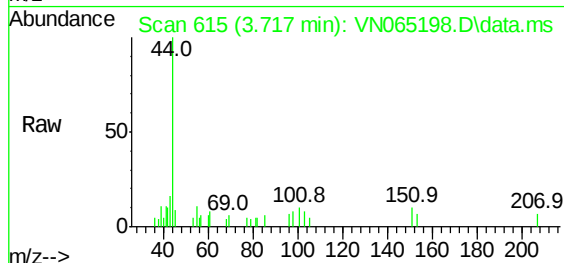




1,1,2-Trichlorotrifluoroethane
Concen: 0.47 ug/l
RT: 3.717 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

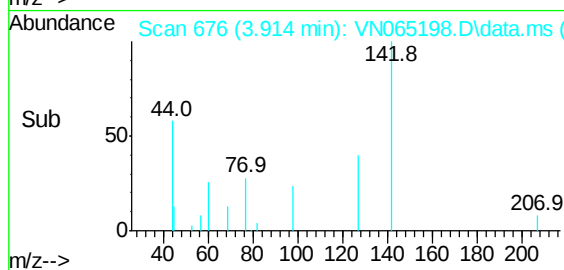
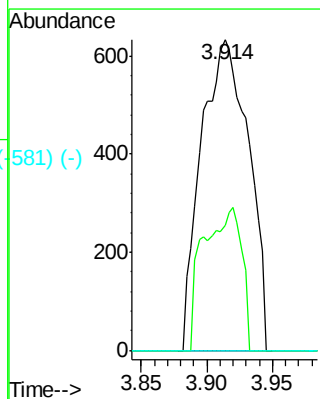
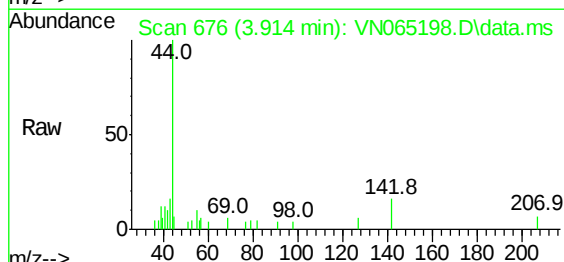
Instrument :
MSVOA_N
ClientSampled :
IBLK

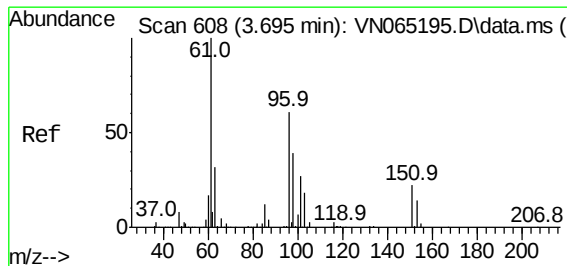
Tgt Ion:	101	Resp:	1055
Ion	Ratio	Lower	Upper
101	100		
85	35.5	34.4	51.6
151	71.5	64.0	96.0



Methyl Iodide
Concen: 0.47 ug/l
RT: 3.914 min Scan# 676
Delta R.T. 0.007 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion:	142	Resp:	1588
Ion	Ratio	Lower	Upper
142	100		
127	36.9	35.0	52.6
141	0.0	11.8	17.6#

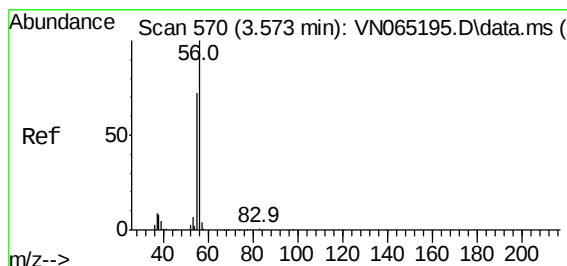
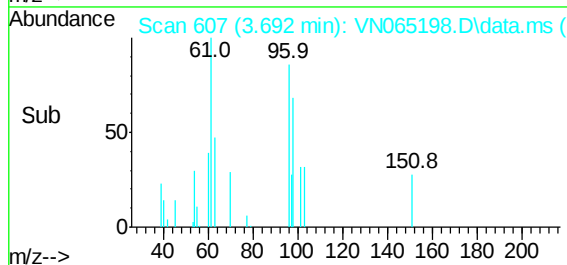
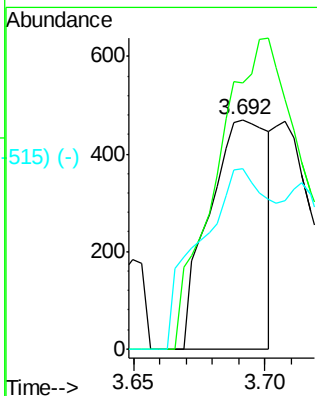
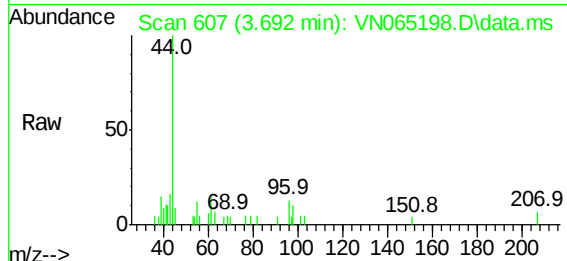




1,1-Dichloroethene
Concen: 0.30 ug/l
RT: 3.692 min Scan# 607
Delta R.T. -0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

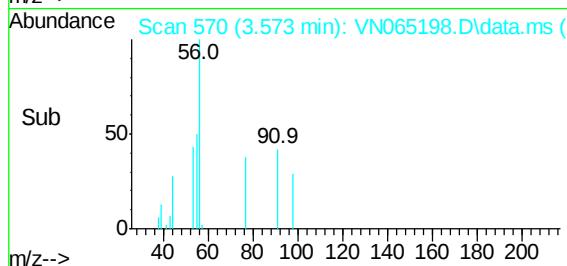
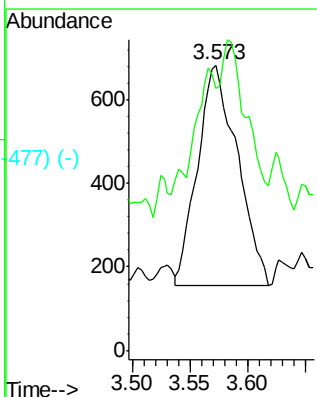
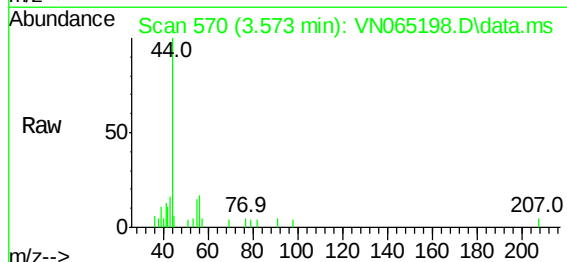
Instrument :
MSVOA_N
ClientSampled :
IBLK

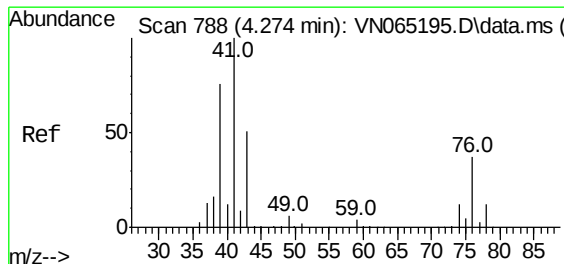
Tgt Ion: 96 Resp: 720
Ion Ratio Lower Upper
96 100
61 115.7 123.4 185.2#
98 43.9 49.8 74.8#



Acrolein
Concen: 6.54 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 56 Resp: 1266
Ion Ratio Lower Upper
56 100
55 35.3 56.5 84.7#



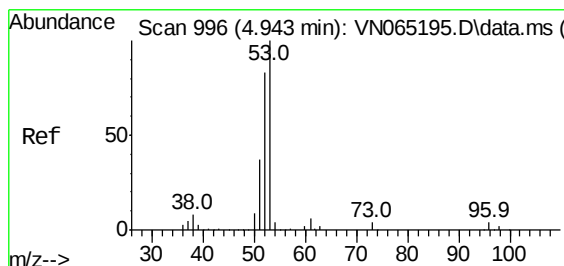
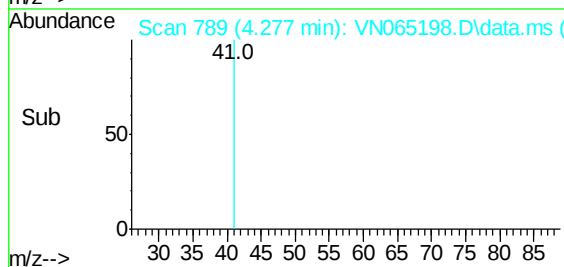
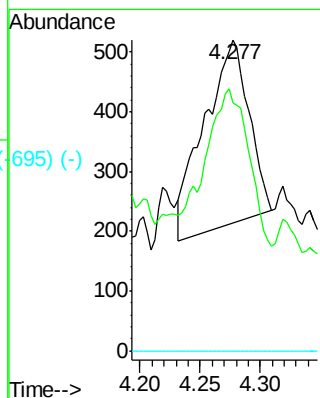
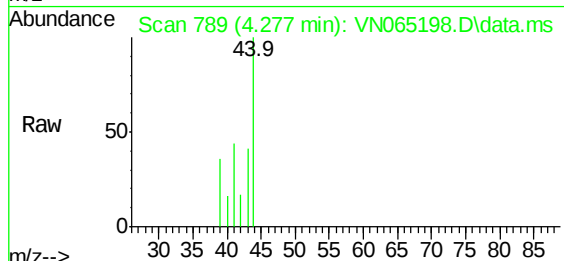


Allyl chloride
Concen: 0.20 ug/l
RT: 4.277 min Scan# 789
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 41 Resp: 793

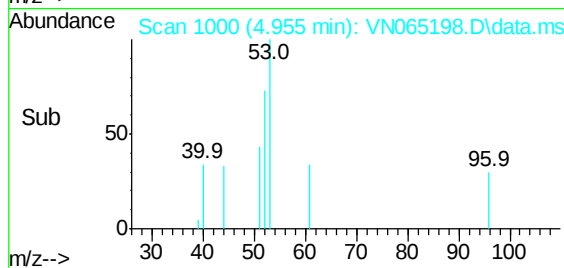
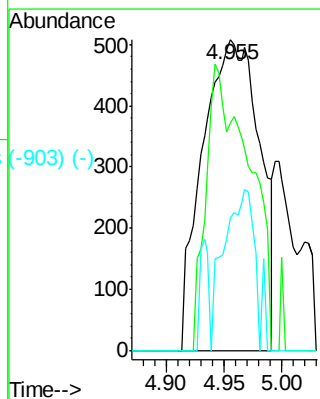
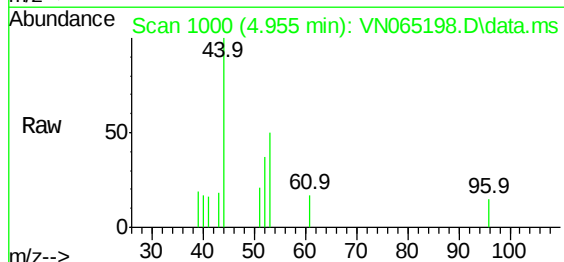
Ion	Ratio	Lower	Upper
41	100		
39	69.9	50.9	76.3
76	0.0	29.0	43.4#

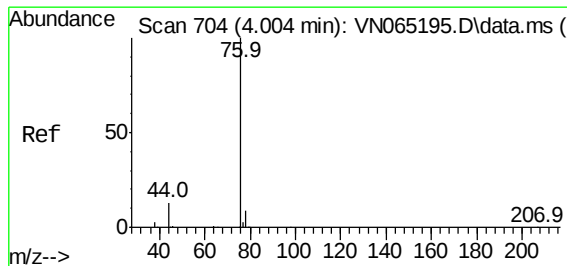


Acrylonitrile
Concen: 1.61 ug/l
RT: 4.955 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 53 Resp: 1743

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.5	98.3#
51	28.6	28.6	43.0#

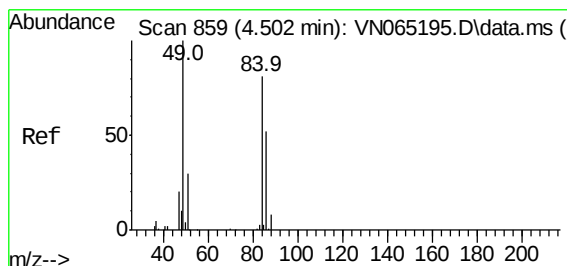
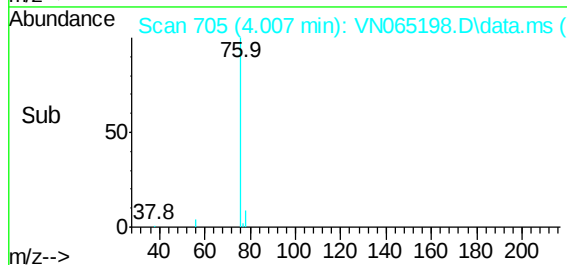
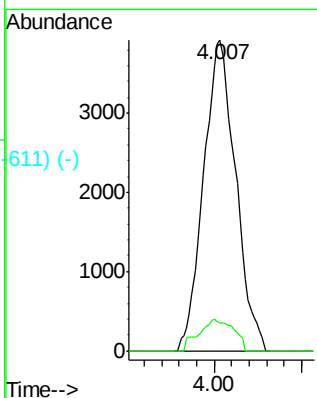
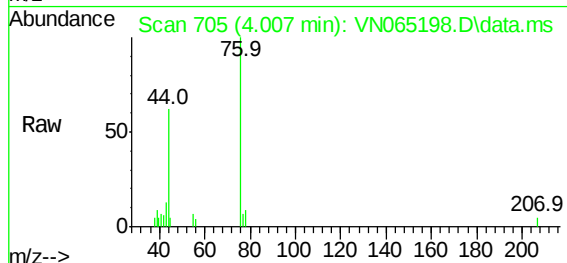




Carbon Disulfide
Concen: 1.63 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

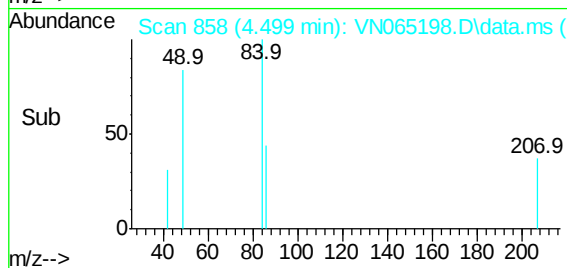
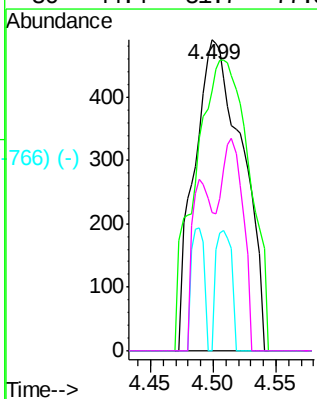
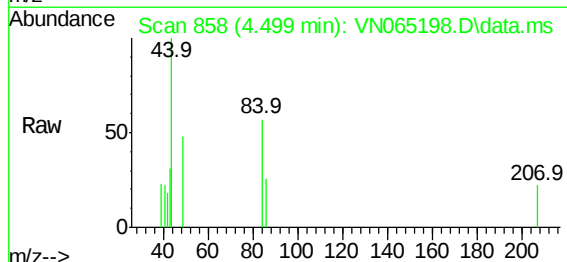
Instrument :
MSVOA_N
ClientSampled :
IBLK

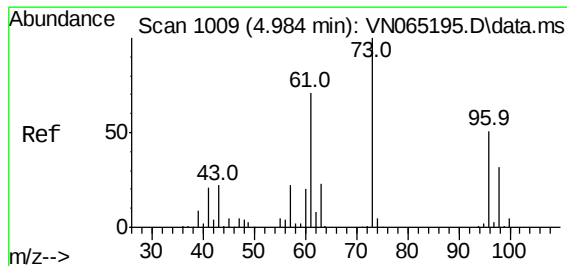
Tgt Ion: 76 Resp: 9954
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



Methylene Chloride
Concen: 0.49 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 84 Resp: 1298
Ion Ratio Lower Upper
84 100
49 83.5 93.4 140.0#
51 0.0 28.2 42.4#
86 44.4 51.7 77.5#

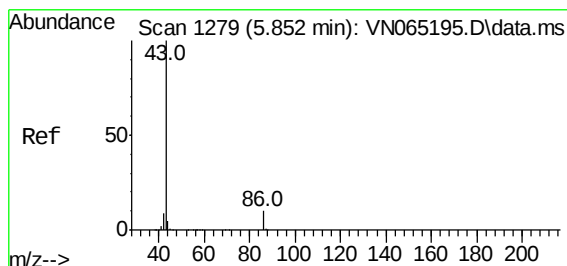
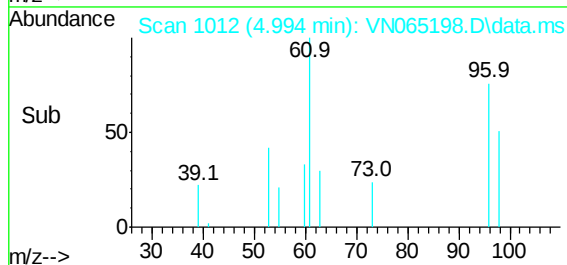
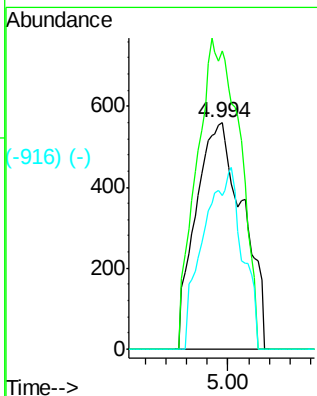
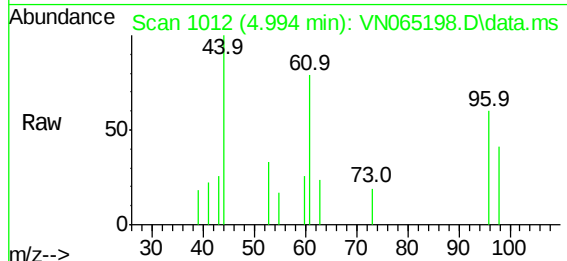




(-921) (-)
trans-1,2-Dichloroethene
Concen: 0.75 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. 0.010 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

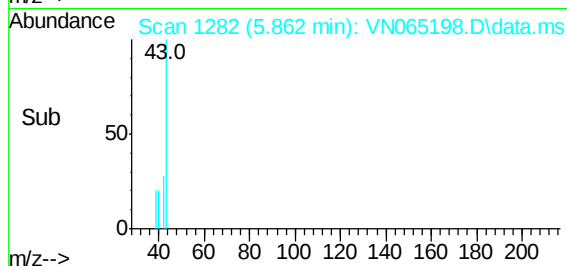
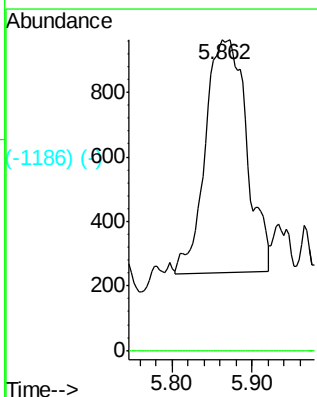
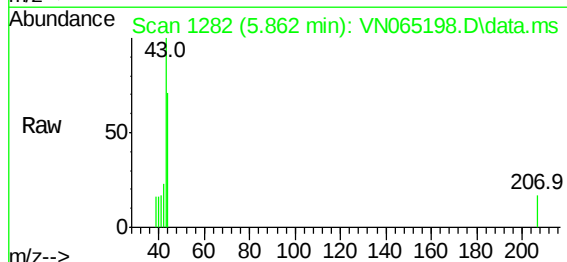
Instrument :
MSVOA_N
ClientSampleId :
IBLK

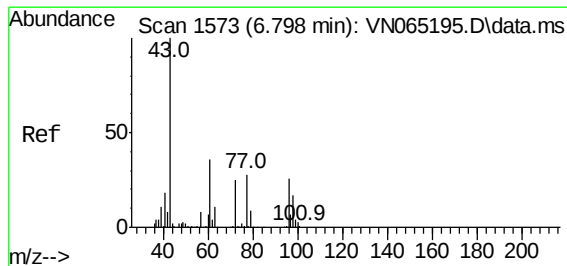
Tgt Ion: 96 Resp: 1767
Ion Ratio Lower Upper
96 100
61 132.2 108.4 162.6
98 67.6 51.3 76.9



(-1231) (-)
Vinyl Acetate
Concen: 0.38 ug/l
RT: 5.862 min Scan# 1282
Delta R.T. 0.010 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
86 0.0 8.9 13.3#

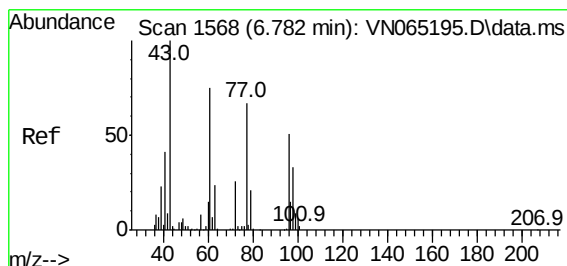
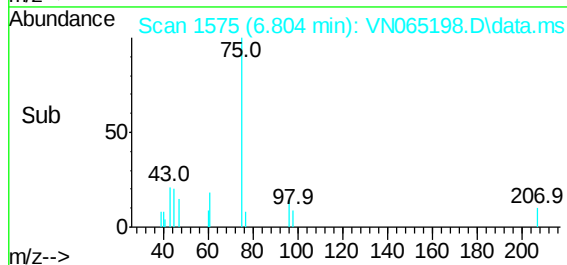
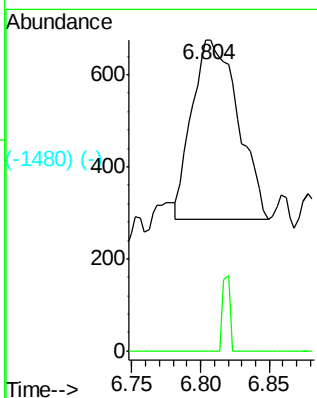
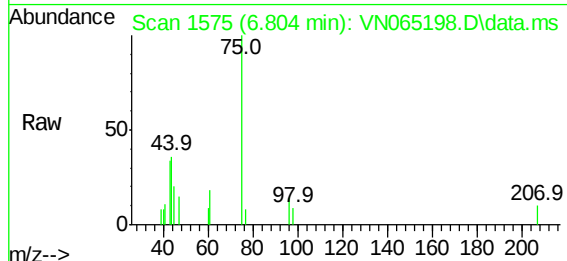




#157 (-)
2-Butanone
Concen: 0.59 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

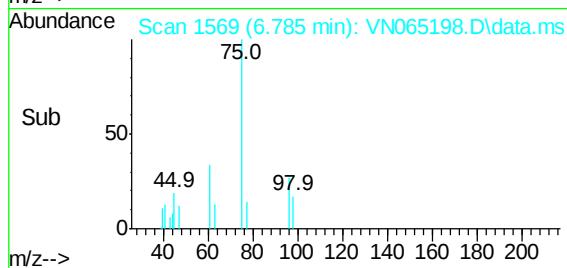
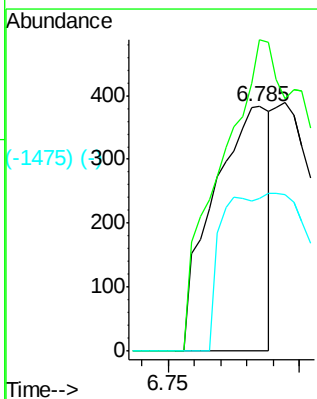
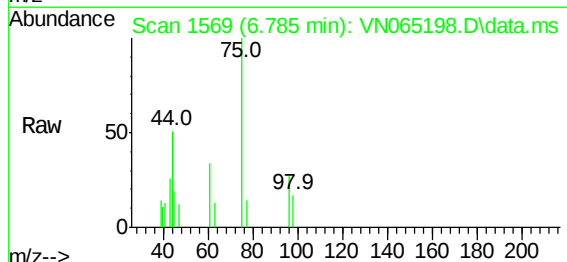
Instrument :
MSVOA_N
ClientSampleId :
IBLK

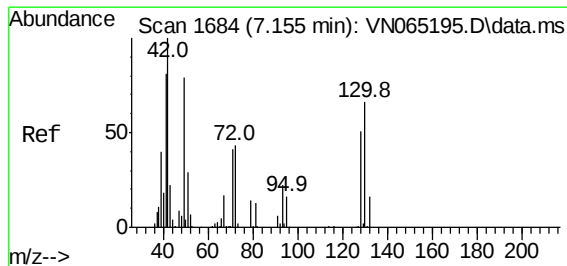
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#1576 (-)
cis-1,2-Dichloroethene
Concen: 0.21 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 96 Resp: 563
Ion Ratio Lower Upper
96 100
61 202.3 0.0 285.8
98 38.5 0.0 130.6

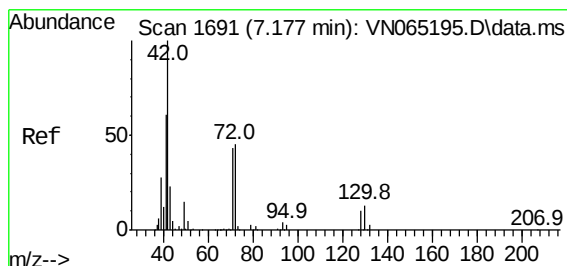
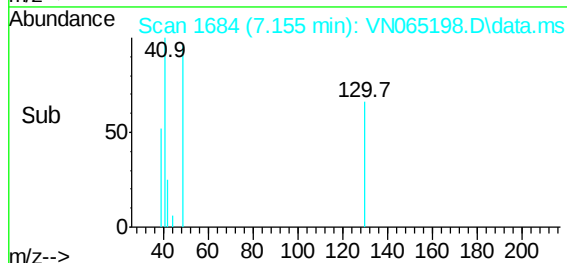
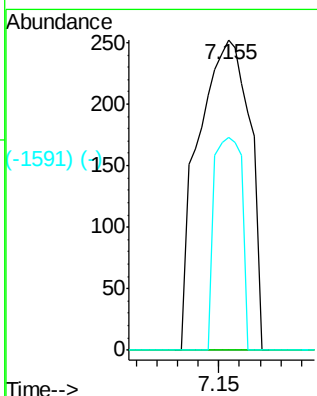
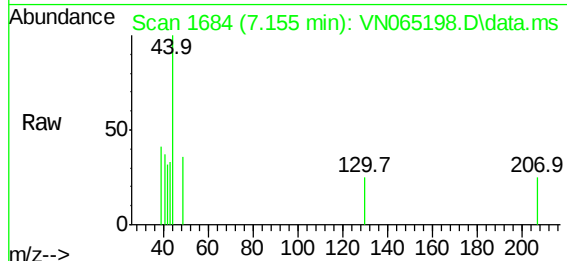




#268 (-)
Bromochloromethane
Concen: 0.87 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

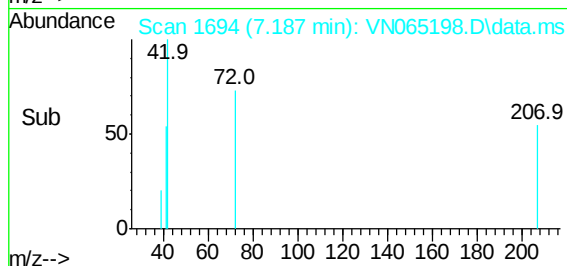
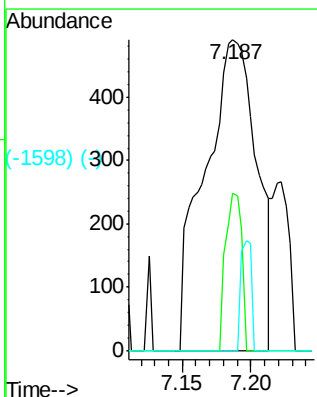
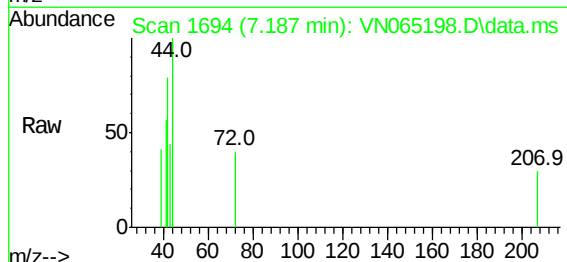
Instrument :
MSVOA_N
ClientSampleId :
IBLK

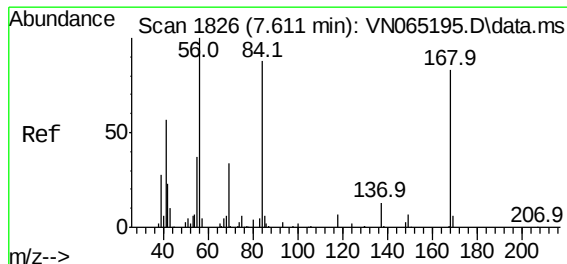
Tgt Ion: 49 Resp: 435
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 36.8 66.2 99.2#



#269 (-)
Tetrahydrofuran
Concen: 1.30 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.010 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 42 Resp: 1292
Ion Ratio Lower Upper
42 100
72 15.5 36.6 54.8#
71 7.5 33.6 50.4#

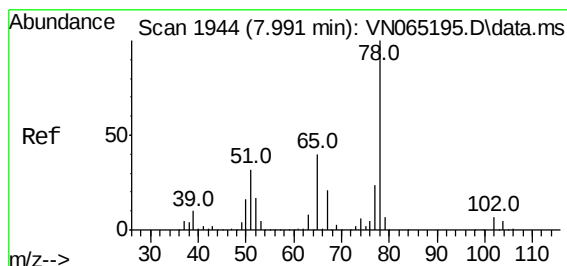
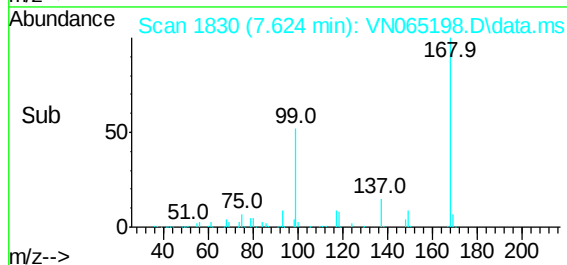
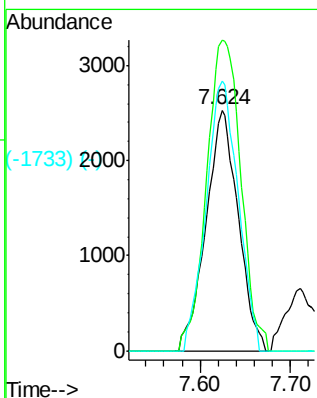
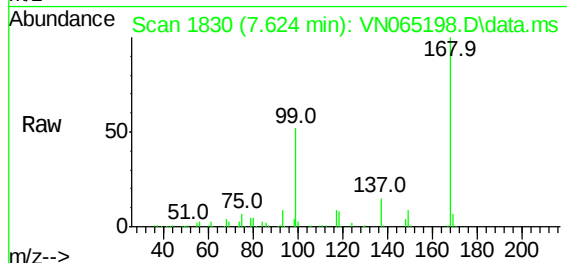




#1826 (-)
Cyclohexane
Concen: 1.55 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

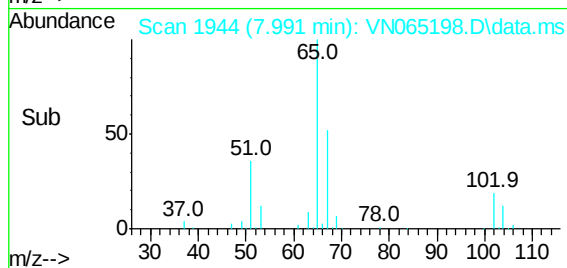
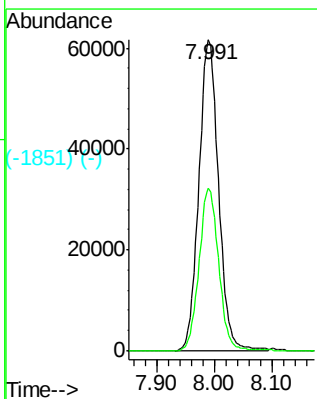
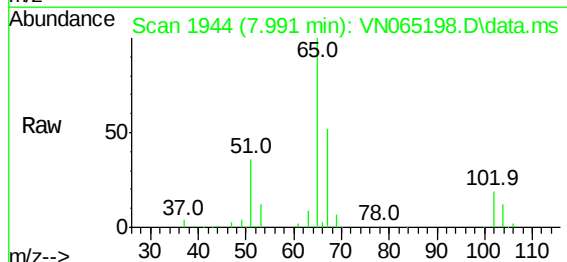
Instrument :
MSVOA_N
ClientSampleId :
IBLK

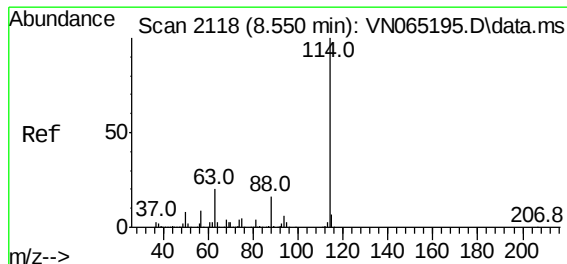
Tgt Ion: 56 Resp: 6257
Ion Ratio Lower Upper
56 100
69 129.1 27.5 41.3#
84 112.4 73.9 110.9#



#1944 (-)
1,2-Dichloroethane-d4
Concen: 52.94 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 65 Resp: 145094
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.2



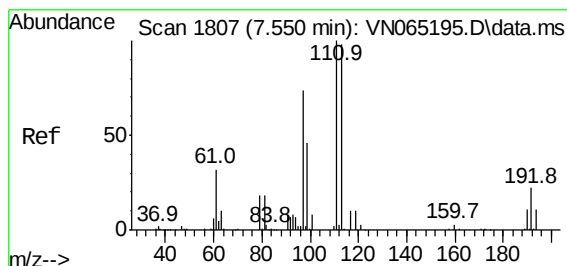
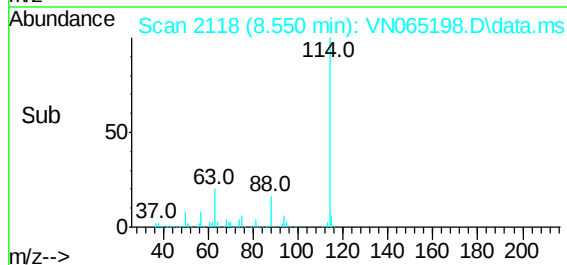
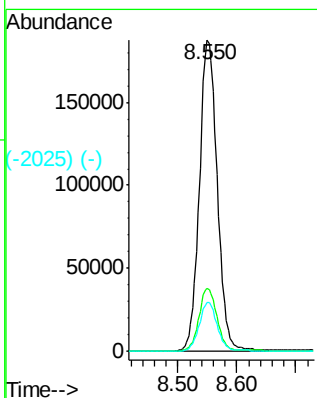
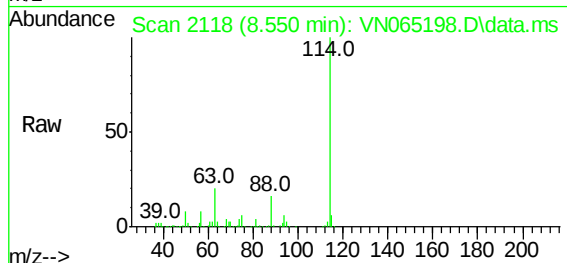


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 397993

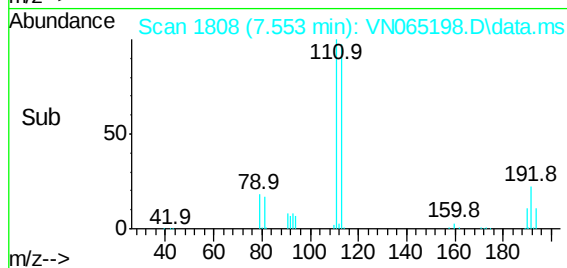
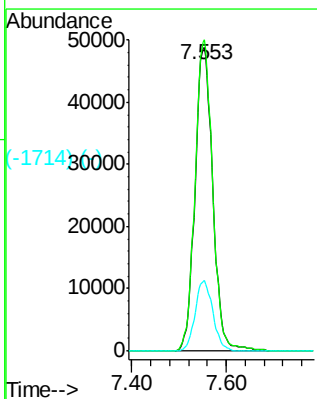
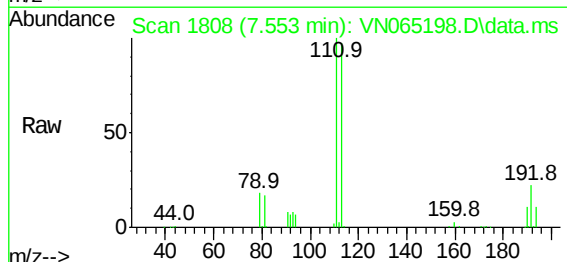
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.6
88	15.5	0.0	32.6

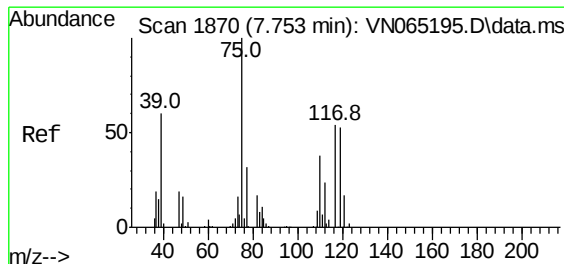


Dibromofluoromethane
Concen: 52.79 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion:113 Resp: 126753

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	22.8	16.2	24.2

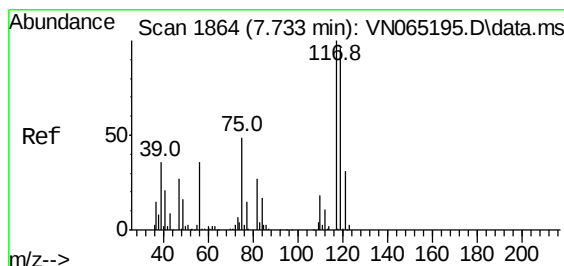
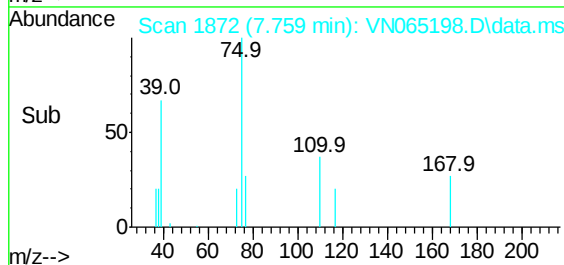
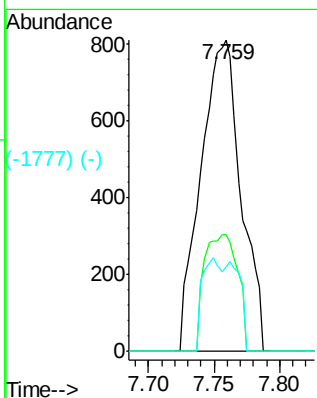
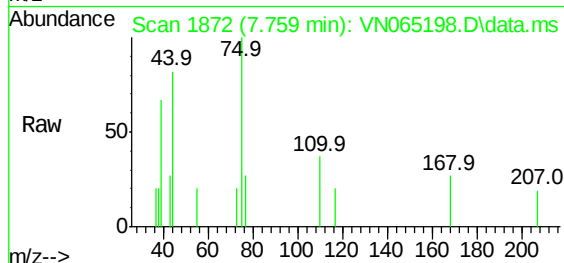




#1867 (-)
1,1-Dichloropropene
Concen: 0.48 ug/l
RT: 7.759 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

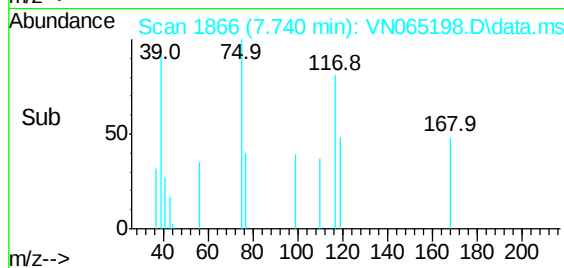
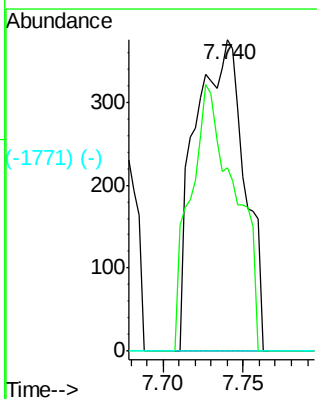
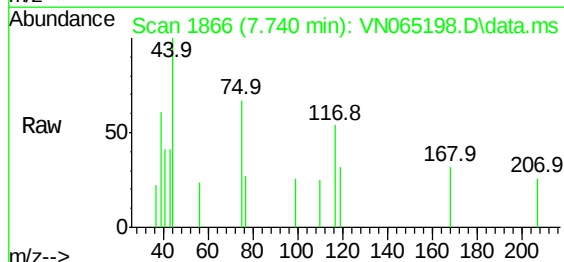
Instrument :
MSVOA_N
ClientSampleId :
IBLK

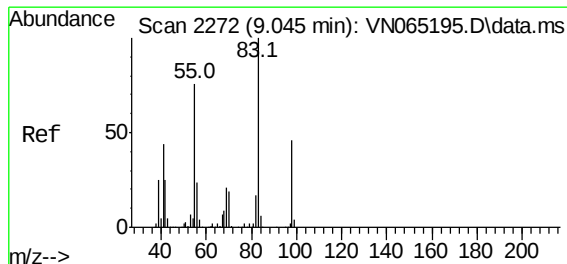
Tgt Ion: 75 Resp: 1719
Ion Ratio Lower Upper
75 100
110 30.9 17.8 53.3
77 14.5 25.0 37.4#



#1866 (-)
Carbon Tetrachloride
Concen: 0.21 ug/l
RT: 7.740 min Scan# 1866
Delta R.T. 0.007 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 117 Resp: 795
Ion Ratio Lower Upper
117 100
119 59.0 76.7 115.1#
121 0.0 25.4 38.2#

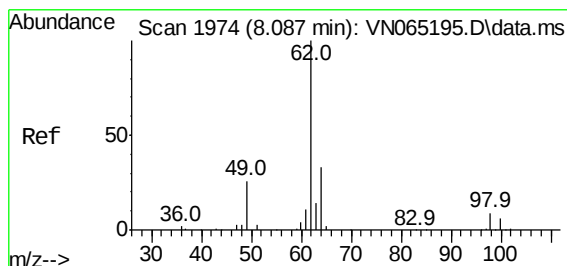
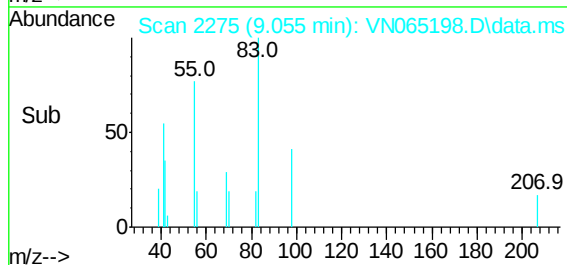
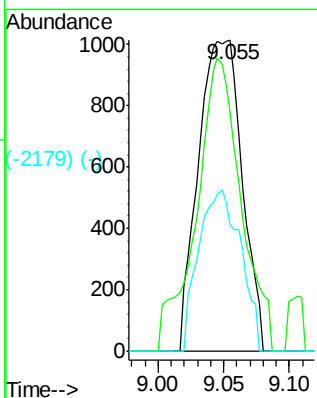
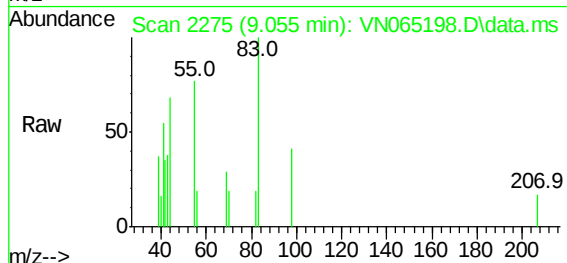




#225 (-)
Methylcyclohexane
Concen: 0.54 ug/l
RT: 9.055 min Scan# 2275
Delta R.T. 0.010 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

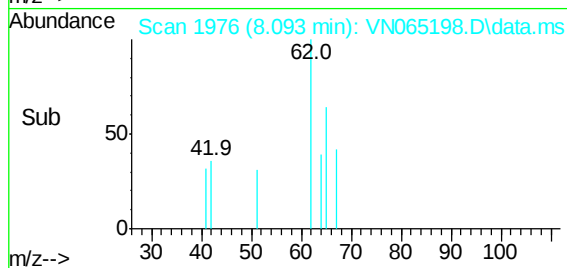
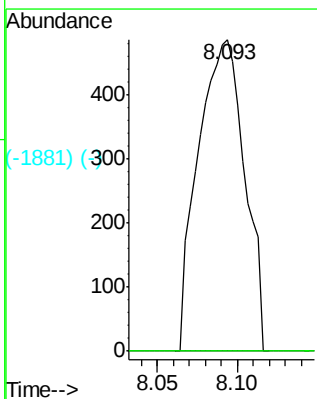
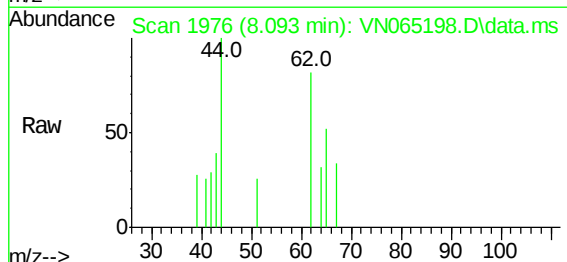
Instrument :
MSVOA_N
ClientSampleId :
IBLK

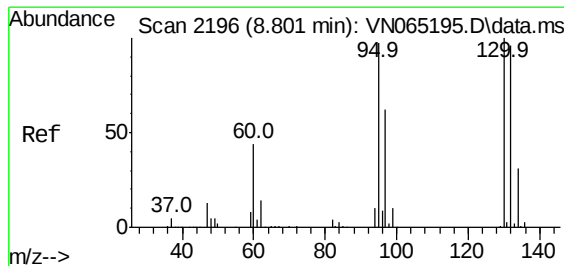
Tgt Ion: 83 Resp: 2350
Ion Ratio Lower Upper
83 100
55 60.6 60.2 90.2
98 40.7 37.4 56.2



#198 (-)
1,2-Dichloroethane
Concen: 0.24 ug/l
RT: 8.093 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 62 Resp: 959
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6

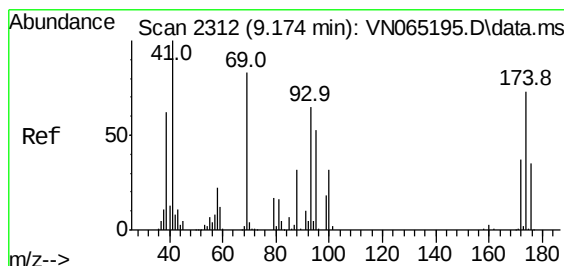
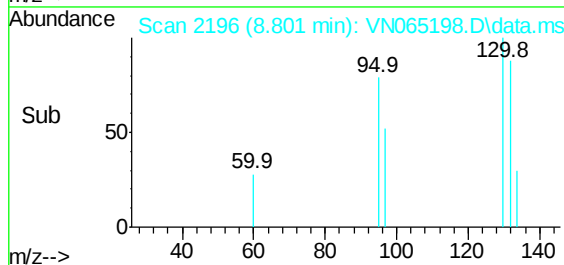
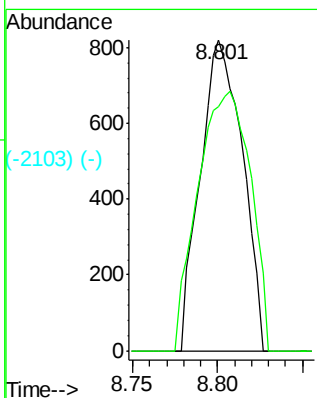
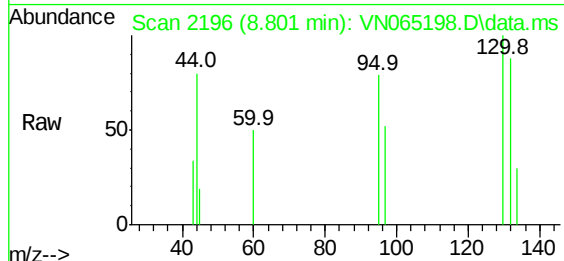




(-2140) (-)
 Trichloroethene
 Concen: 0.45 ug/l
 RT: 8.801 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

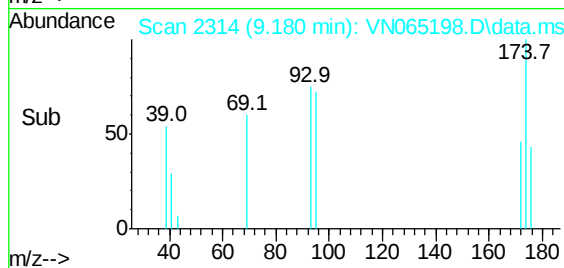
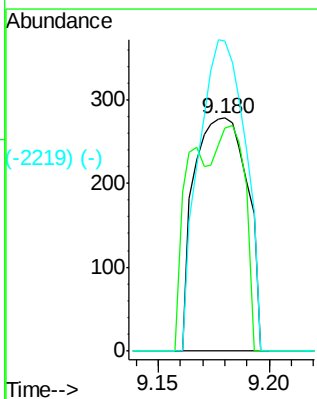
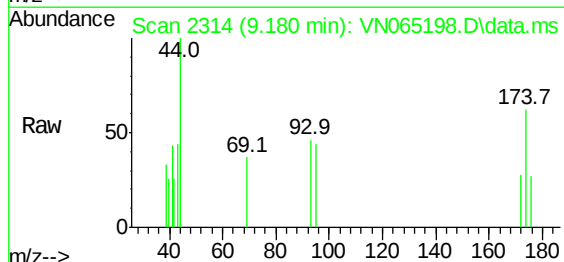
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

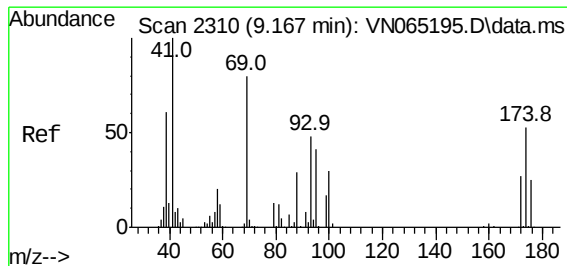
Tgt Ion:130 Resp: 1413
 Ion Ratio Lower Upper
 130 100
 95 78.8 0.0 197.8



(-2146) (-)
 Dibromomethane
 Concen: 0.24 ug/l
 RT: 9.180 min Scan# 2314
 Delta R.T. 0.006 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

Tgt Ion: 93 Resp: 459
 Ion Ratio Lower Upper
 93 100
 95 37.5 68.8 103.2#
 174 117.2 83.1 124.7

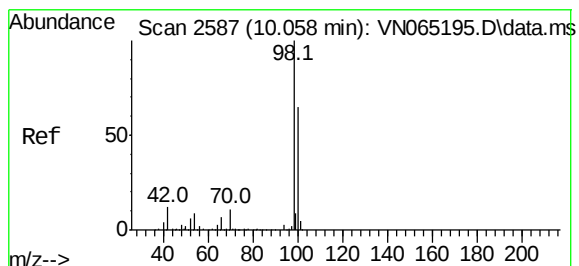
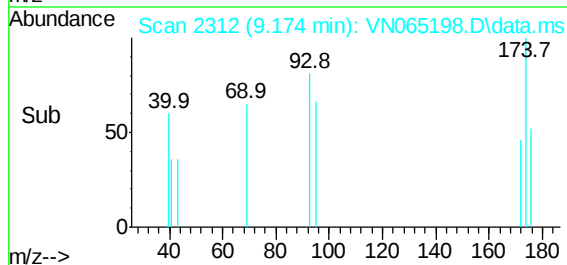
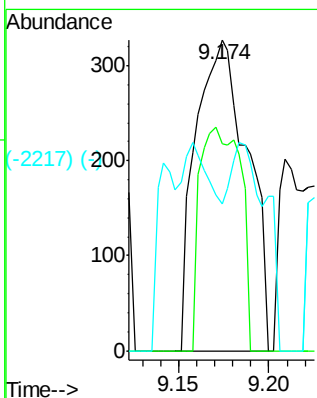
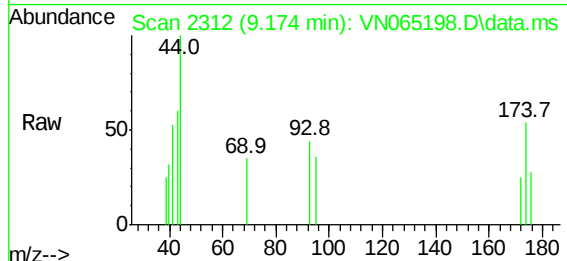




#468 (-)
Methyl methacrylate
Concen: 0.22 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. 0.007 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

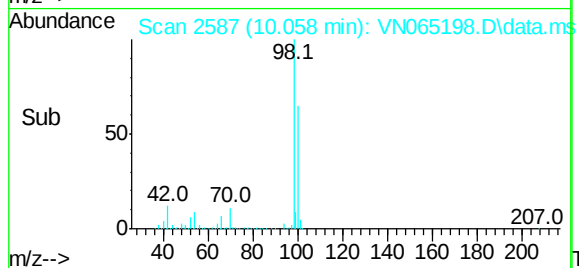
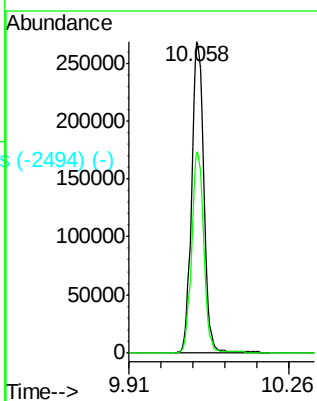
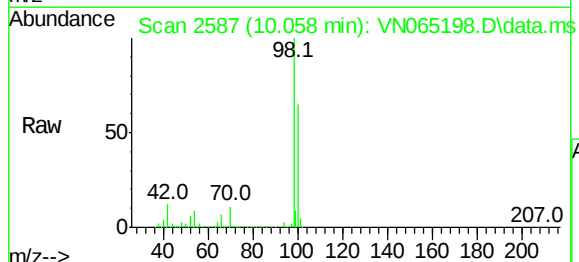
Instrument :
MSVOA_N
ClientSampleId :
IBLK

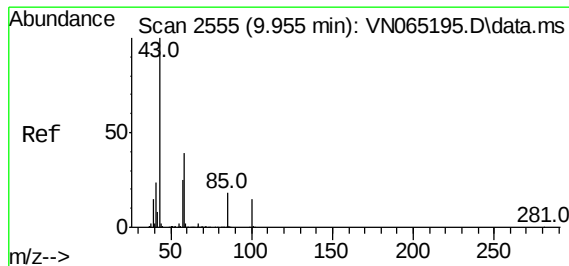
Tgt Ion: 41 Resp: 651
Ion Ratio Lower Upper
41 100
69 56.2 71.8 107.8#
39 48.7 44.1 66.1



#5971 (-)
Toluene-d8
Concen: 55.40 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 98 Resp: 498546
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

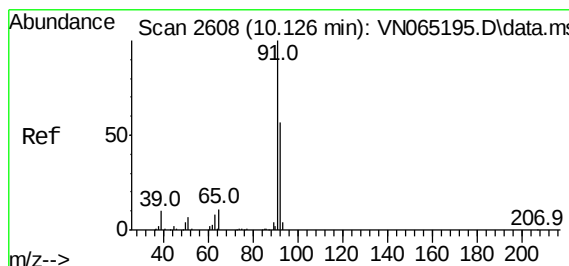
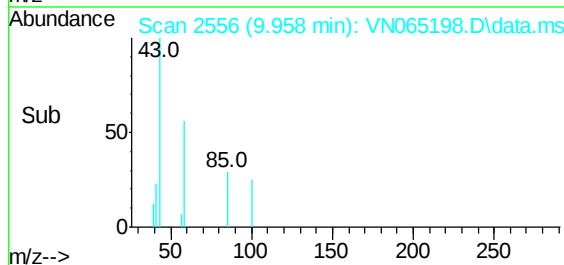
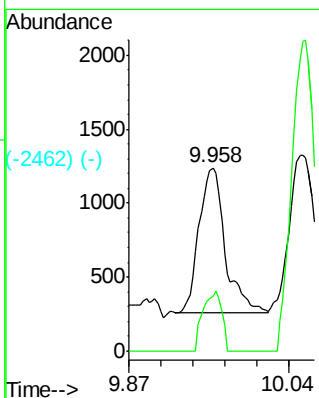
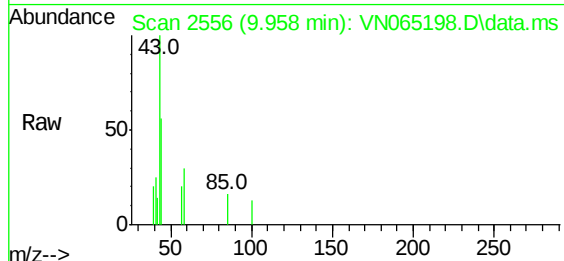




#518 (-)
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

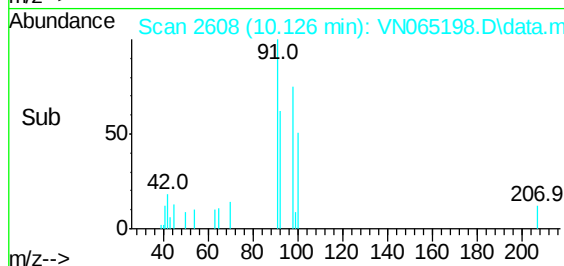
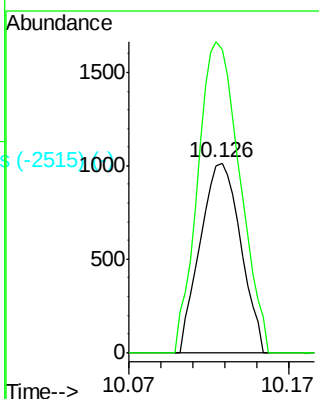
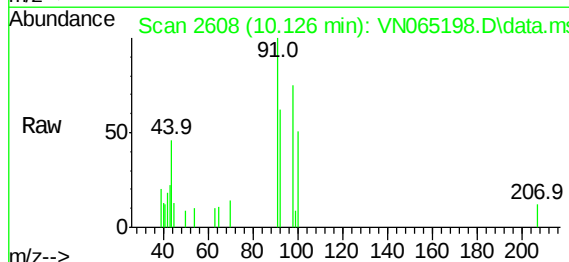
Instrument :
MSVOA_N
ClientSampled :
IBLK

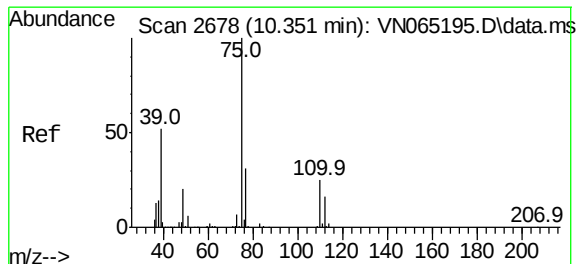
Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
58 29.2 32.4 48.6#



#519 (-)
Toluene
Concen: 0.25 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 92 Resp: 1730
Ion Ratio Lower Upper
92 100
91 171.4 139.1 208.7

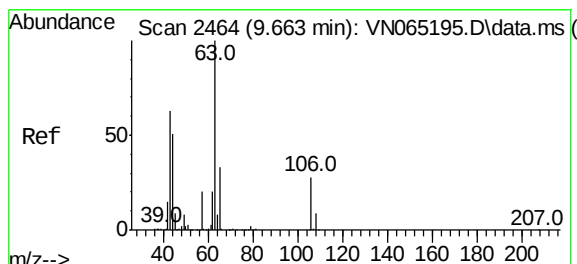
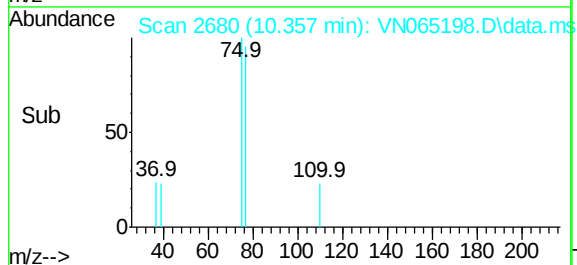
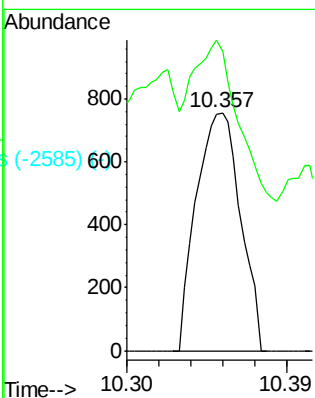
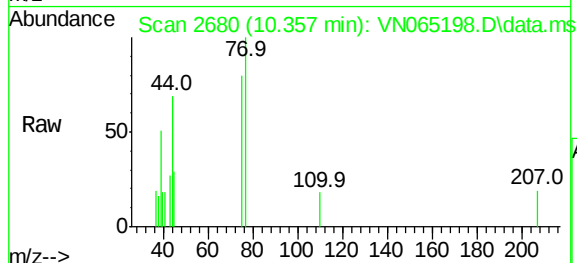




t-1,3-Dichloropropene
 Concen: 0.30 ug/l
 RT: 10.357 min Scan# 2680
 Delta R.T. 0.006 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

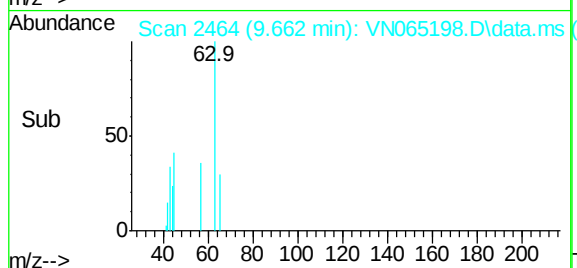
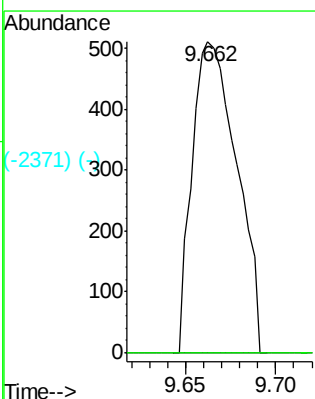
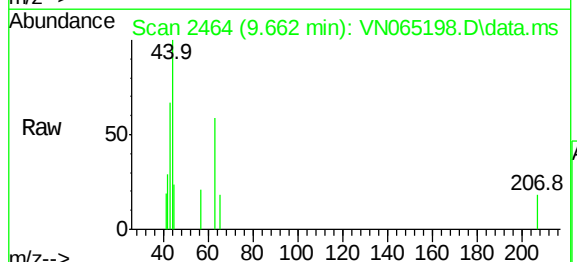
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

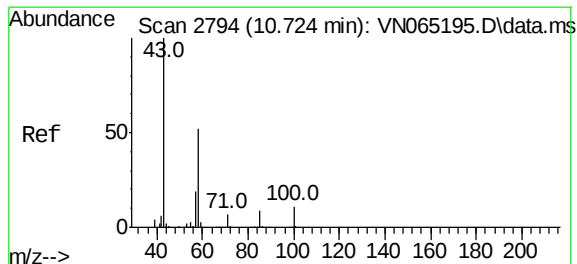
Tgt Ion: 75 Resp: 1366
 Ion Ratio Lower Upper
 75 100
 77 59.0 25.8 38.6#



2-Chloroethyl Vinyl ether
 Concen: 0.48 ug/l
 RT: 9.662 min Scan# 2464
 Delta R.T. -0.001 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

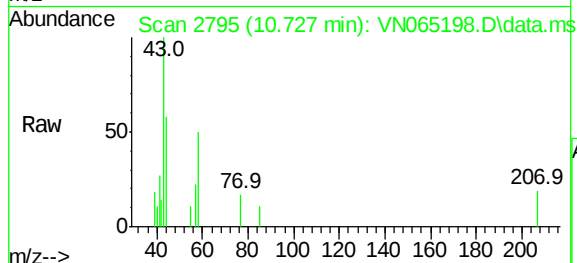
Tgt Ion: 63 Resp: 871
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#



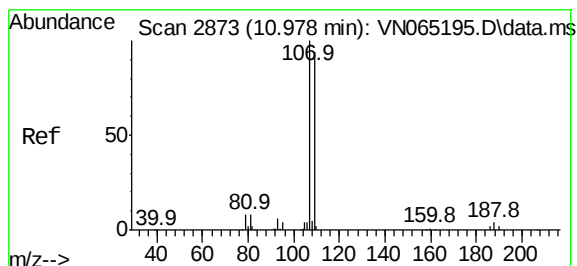
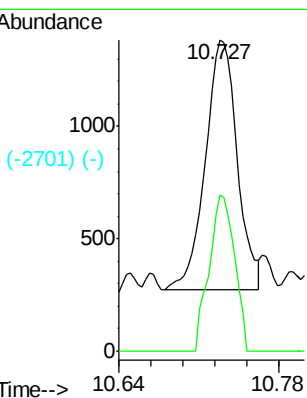
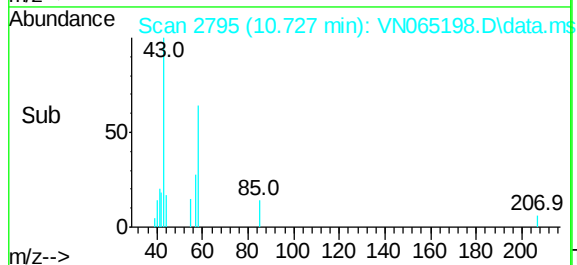


#5977 (-)
2-Hexanone
Concen: 0.79 ug/l
RT: 10.727 min Scan# 2795
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

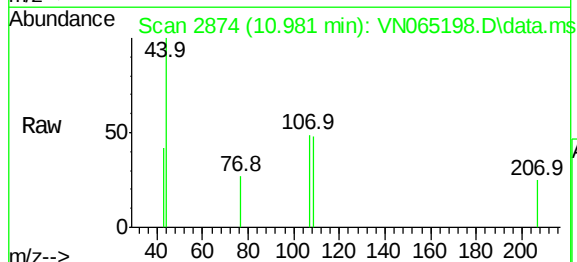
Instrument :
MSVOA_N
ClientSampled :
IBLK



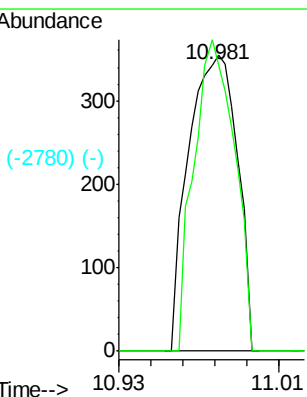
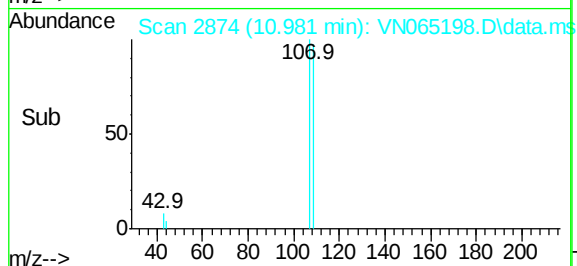
Tgt Ion: 43 Resp: 2019
Ion Ratio Lower Upper
43 100
58 49.7 28.3 84.9

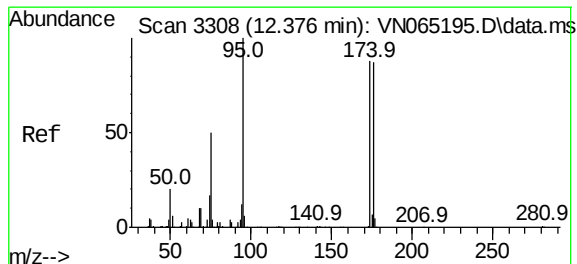


#6058 (-)
1,2-Dibromoethane
Concen: 0.20 ug/l
RT: 10.981 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15



Tgt Ion: 107 Resp: 581
Ion Ratio Lower Upper
107 100
109 87.8 76.0 114.0

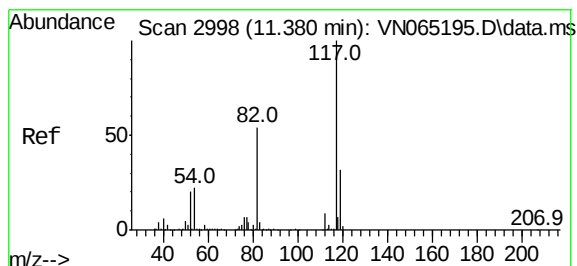
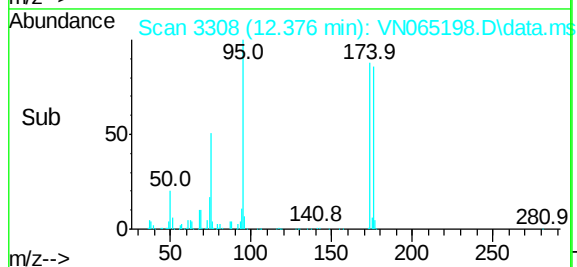
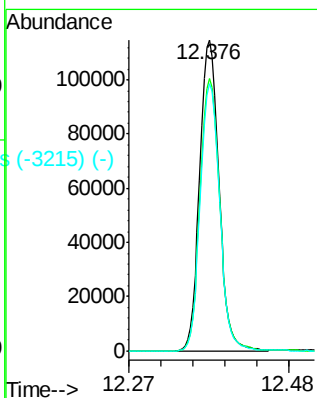
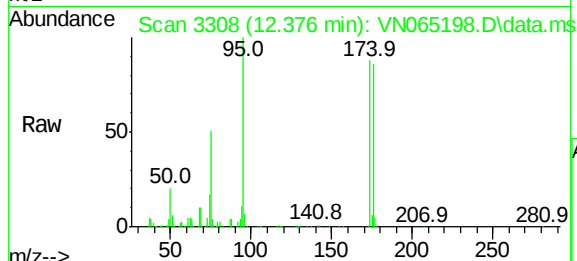




#6294 (-)
4-Bromofluorobenzene
Concen: 55.67 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

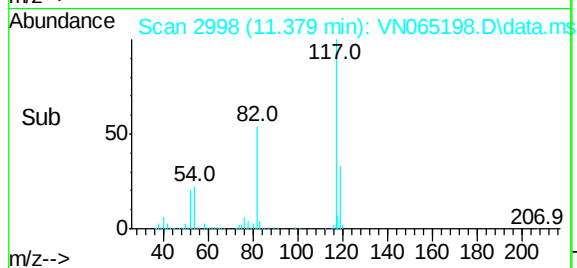
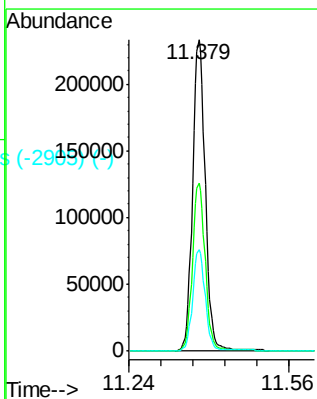
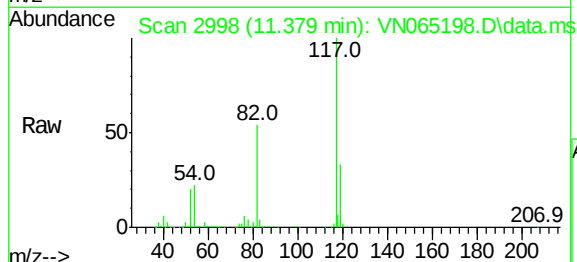
Instrument :
MSVOA_N
ClientSampleId :
IBLK

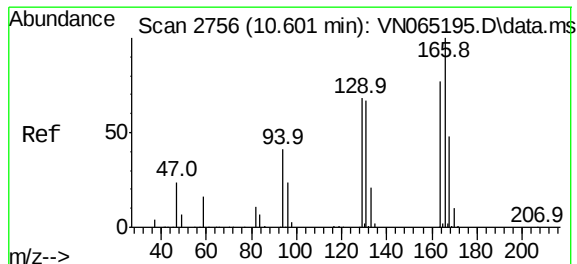
Tgt Ion:	95	Resp:	200423
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	160.4
176	87.0	0.0	158.4



#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

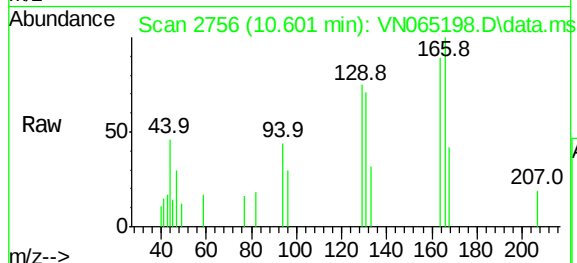
Tgt Ion:	117	Resp:	415964
Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	32.5	25.8	38.6





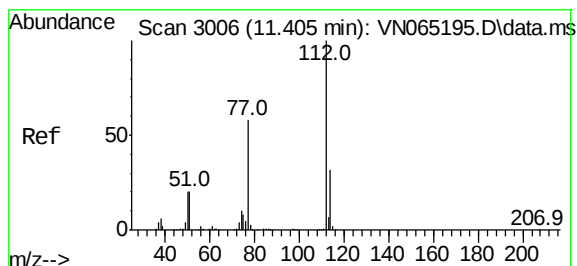
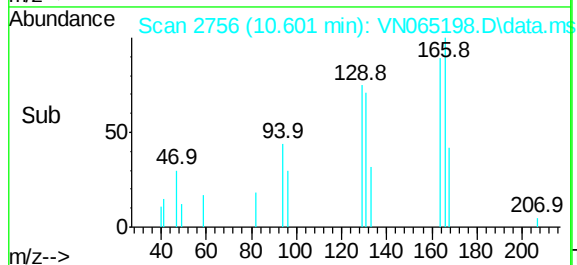
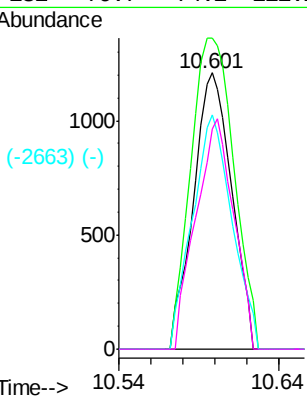
#642 (-)
Tetrachloroethene
Concen: 0.48 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

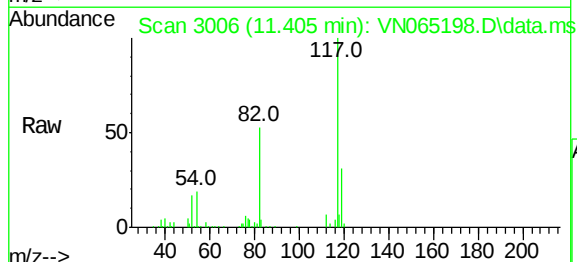


Tgt Ion:164 Resp: 1958

Ion	Ratio	Lower	Upper
164	100		
166	112.7	101.4	152.0
129	84.9	76.1	114.1
131	79.7	74.2	111.2

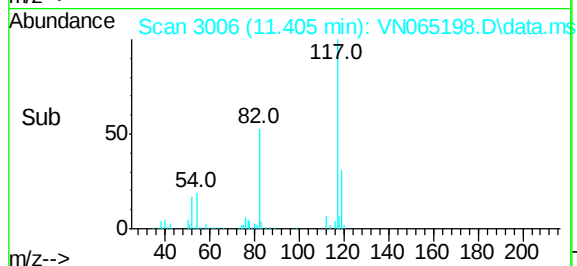
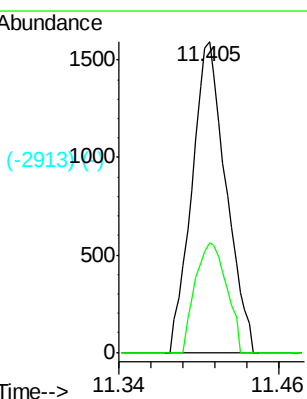


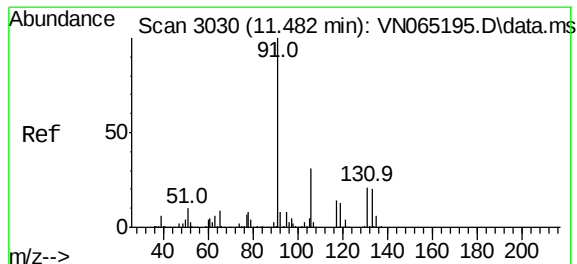
#651 (-)
Chlorobenzene
Concen: 0.32 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15



Tgt Ion:112 Resp: 2725

Ion	Ratio	Lower	Upper
112	100		
114	35.1	25.1	37.7

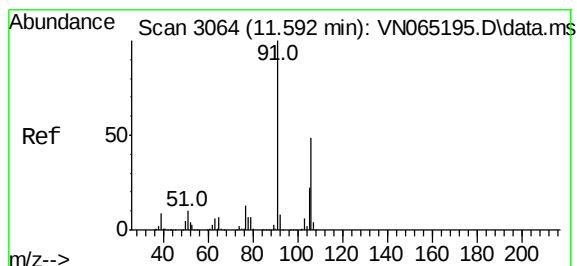
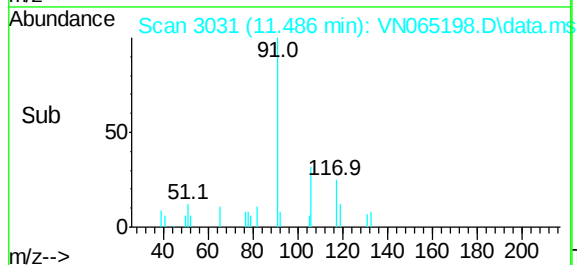
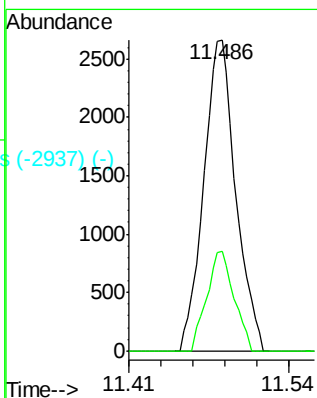
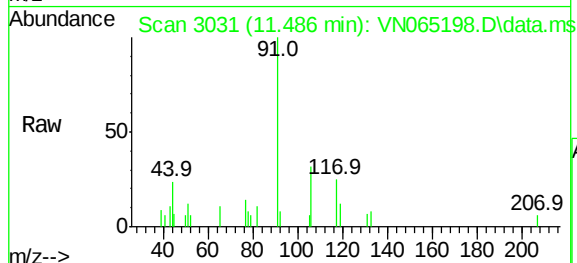




#6715 (-)
Ethyl Benzene
Concen: 0.29 ug/l
RT: 11.486 min Scan# 3031
Delta R.T. 0.004 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

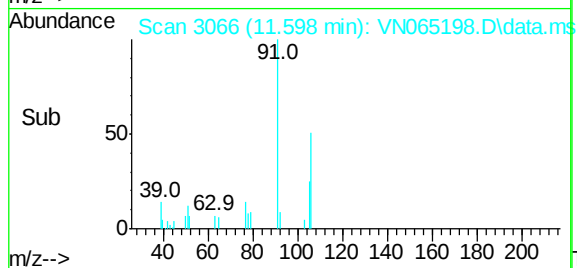
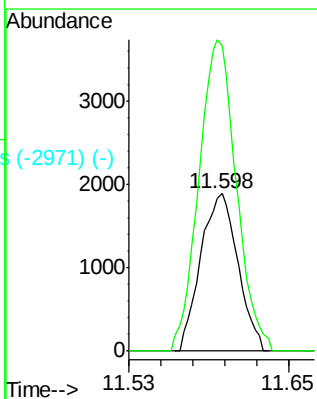
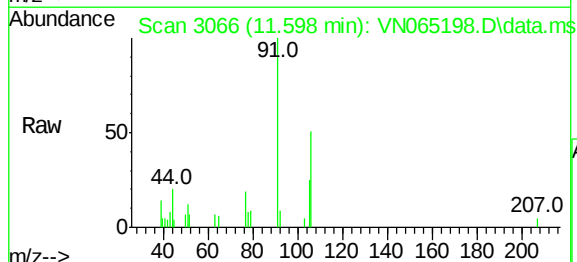
Instrument :
MSVOA_N
ClientSampleId :
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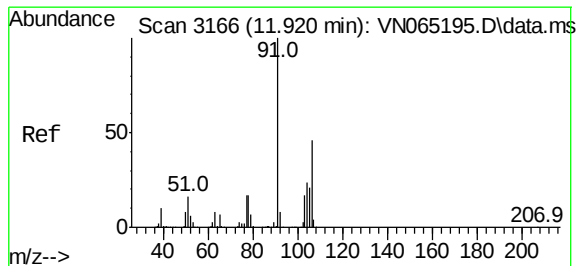
Tgt Ion: 91 Resp: 4499
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#6048 (-)
m/p-Xylenes
Concen: 0.64 ug/l
RT: 11.598 min Scan# 3066
Delta R.T. 0.006 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion: 106 Resp: 3694
Ion Ratio Lower Upper
106 100
91 198.9 161.0 241.4

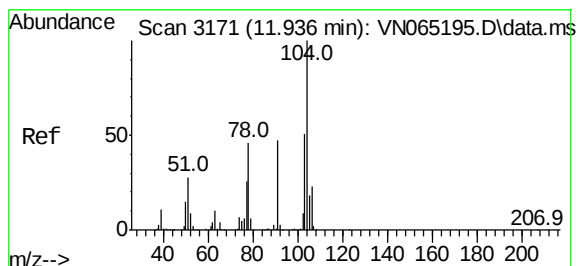
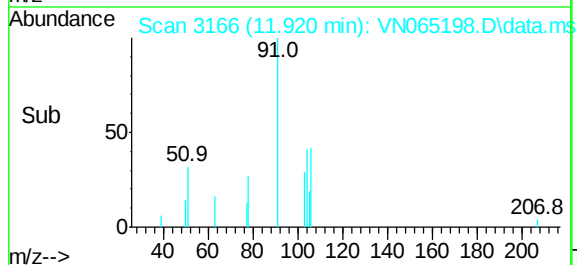
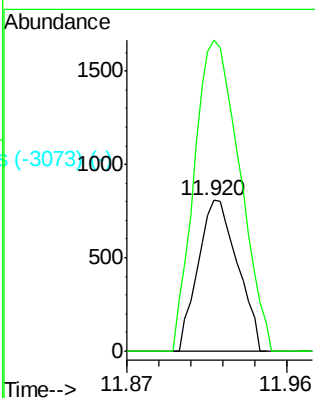
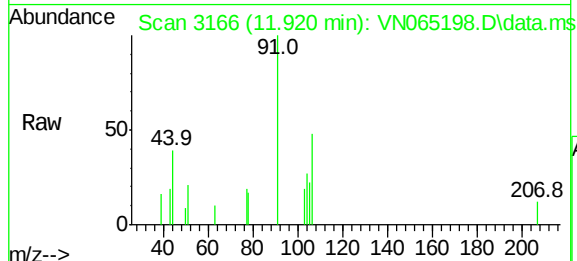




#3166 (-)
o-Xylene
Concen: 0.22 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

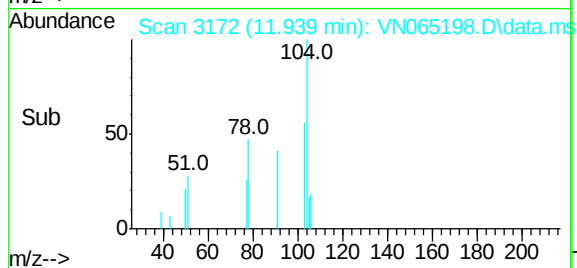
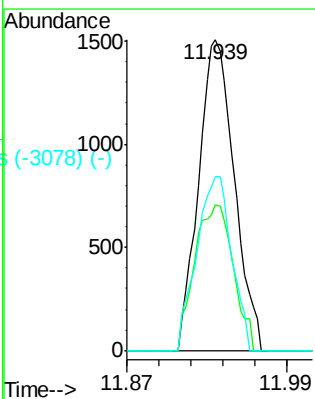
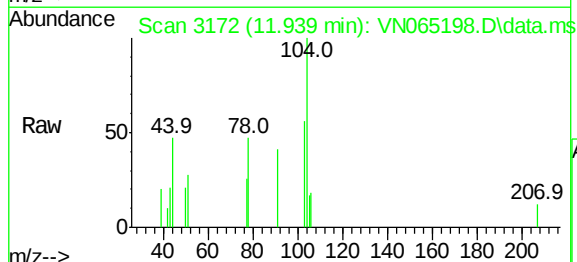
Instrument :
MSVOA_N
ClientSampleId :
IBLK

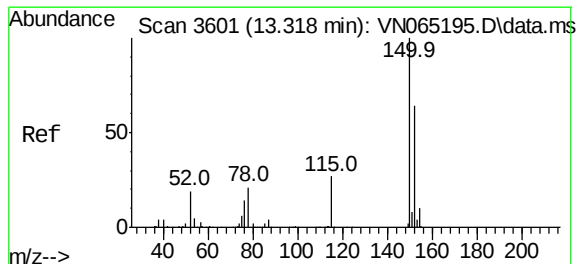
Tgt Ion:106 Resp: 1216
Ion Ratio Lower Upper
106 100
91 237.6 105.5 316.5



#3172 (-)
Styrene
Concen: 0.31 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion:104 Resp: 2841
Ion Ratio Lower Upper
104 100
78 50.5 39.0 58.6
103 54.8 44.3 66.5

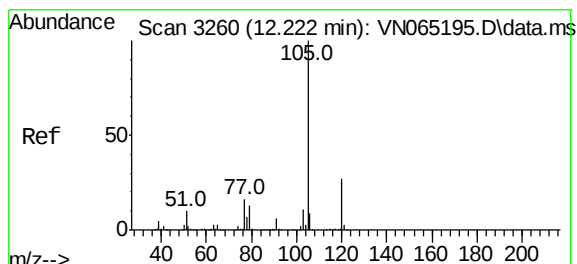
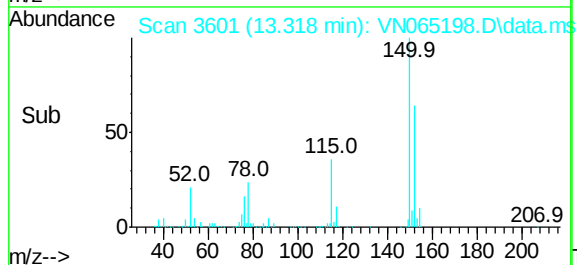
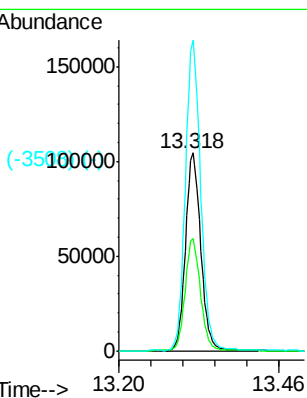
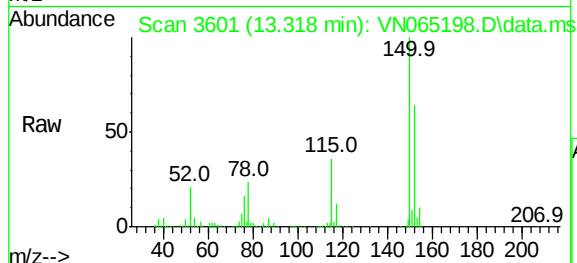




#337 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

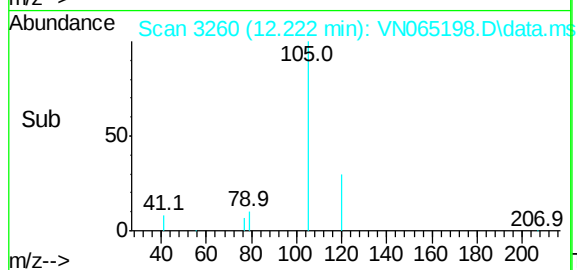
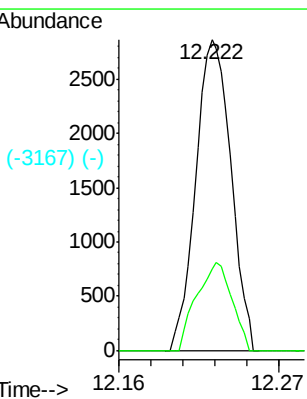
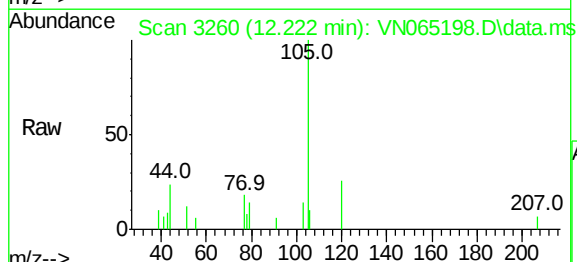
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

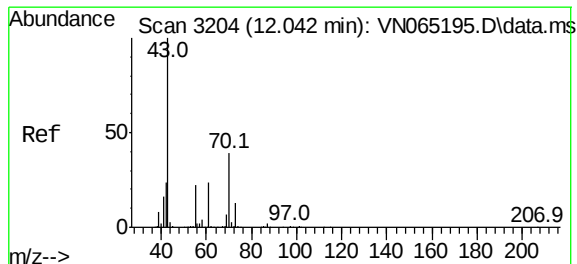
Tgt Ion:	152	Resp:	179134
Ion Ratio	Lower	Upper	
152	100		
115	56.2	29.7	89.1
150	156.9	0.0	350.6



#3245 (-)
 Isopropylbenzene
 Concen: 0.35 ug/l
 RT: 12.222 min Scan# 3260
 Delta R.T. -0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

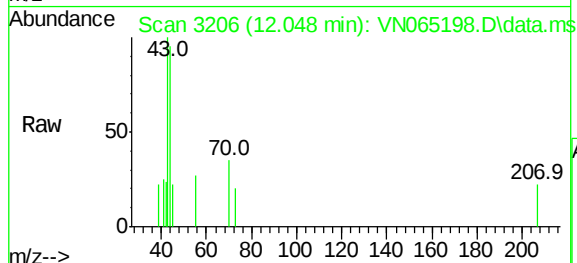
Tgt Ion:	105	Resp:	4831
Ion Ratio	Lower	Upper	
105	100		
120	28.3	13.3	39.9



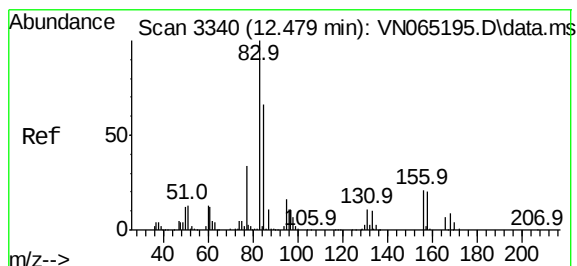
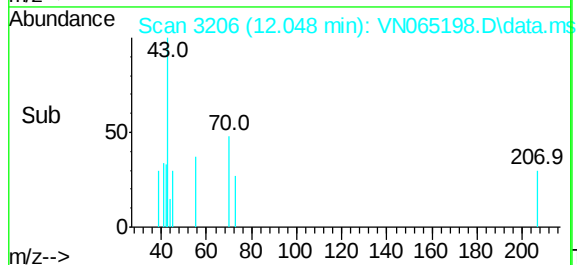
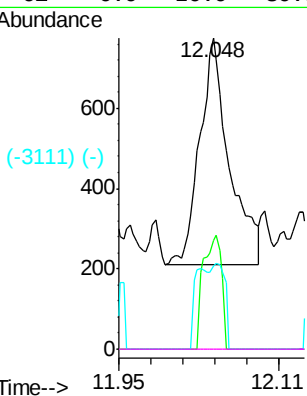


#3190 (-)
N-amy1 acetate
Concen: 0.21 ug/l
RT: 12.048 min Scan# 3206
Delta R.T. 0.006 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Instrument :
MSVOA_N
ClientSampled :
IBLK

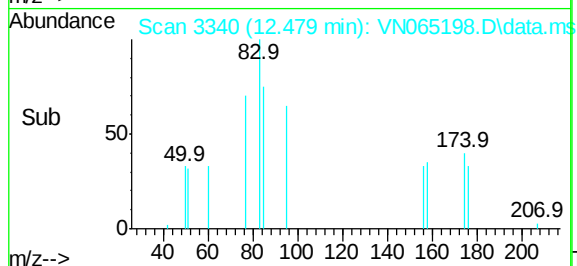
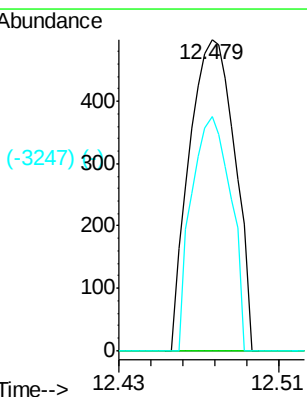
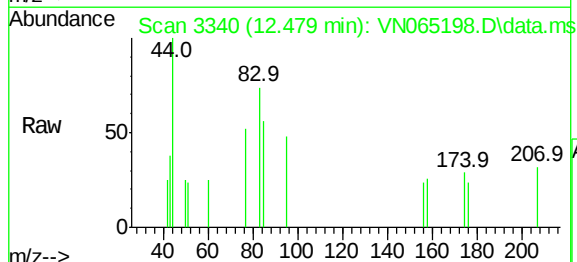


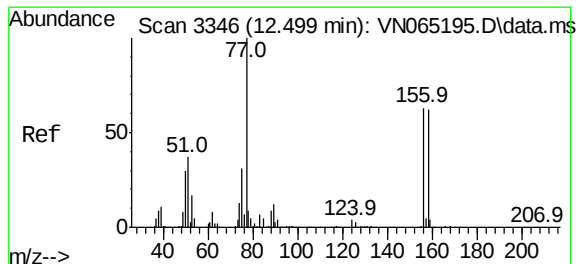
Tgt Ion:	43	Resp:	1162
Ion	Ratio	Lower	Upper
43	100		
70	30.9	34.5	51.7#
55	15.9	20.4	30.6#
61	0.0	20.0	30.0#



#3325 (-)
1,1,2,2-Tetrachloroethane
Concen: 0.21 ug/l
RT: 12.479 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

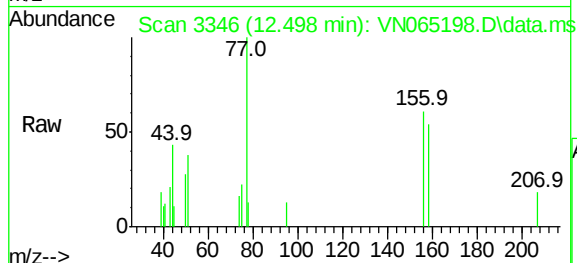
Tgt Ion:	83	Resp:	763
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	65.1	33.0	99.0



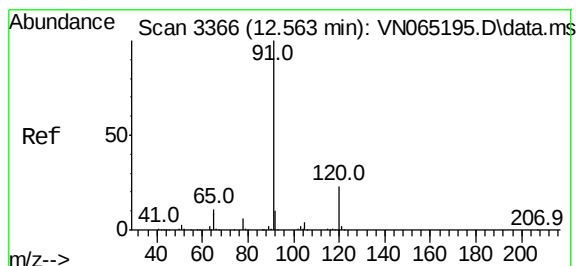
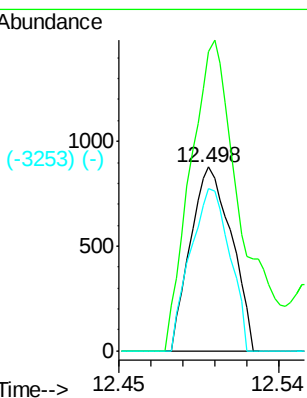
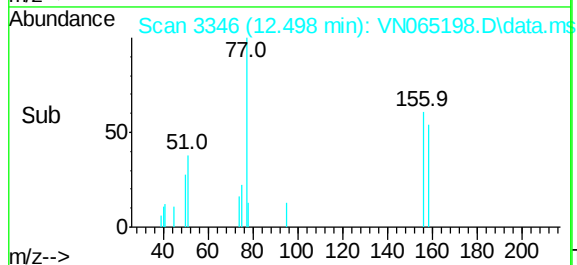


#332 (-)
Bromobenzene
Concen: 0.41 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.001 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

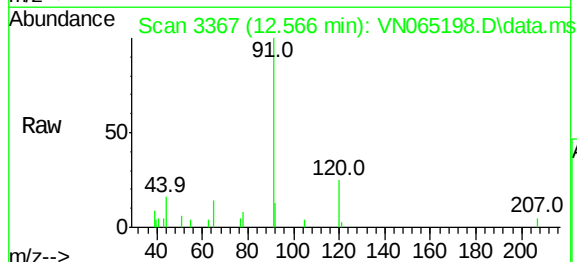
Instrument :
MSVOA_N
ClientSampleId :
IBLK



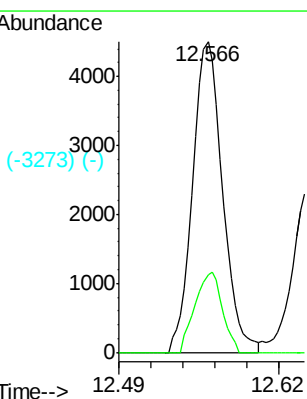
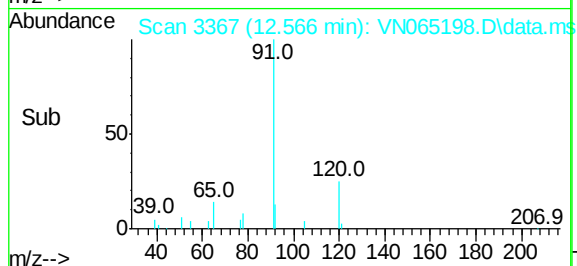
Tgt Ion:156 Resp: 1473
Ion Ratio Lower Upper
156 100
77 205.4 101.3 303.7
158 84.9 48.2 144.6

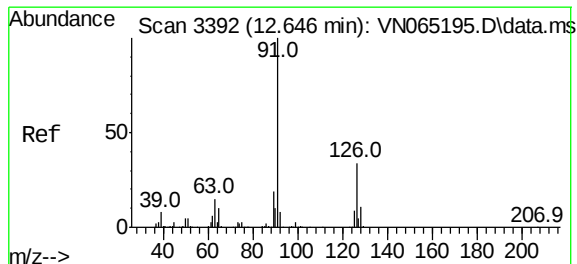


#335 (-)
n-propylbenzene
Concen: 0.49 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15



Tgt Ion: 91 Resp: 7561
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.7

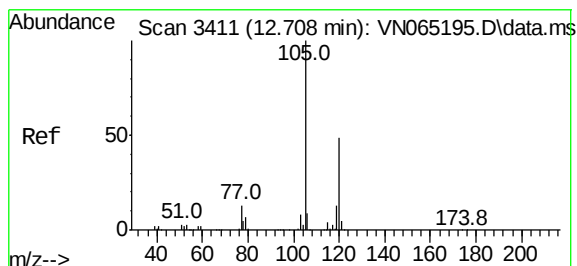
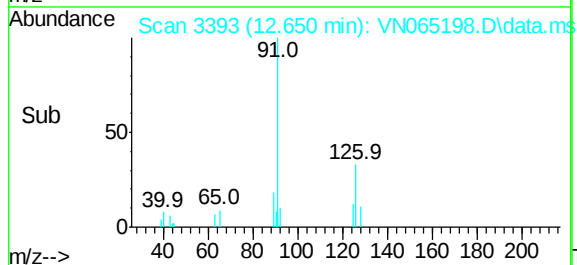
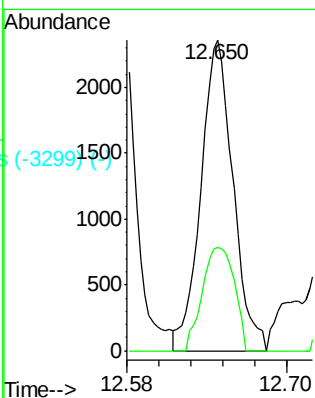
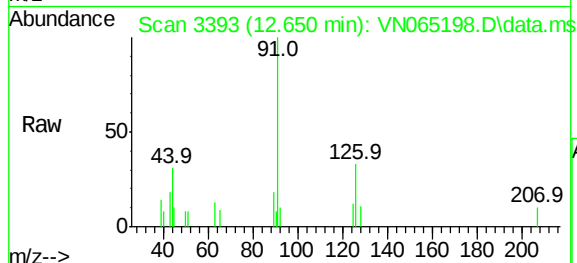




2-Chlorotoluene
 Concen: 0.46 ug/l
 RT: 12.650 min Scan# 3393
 Delta R.T. 0.004 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

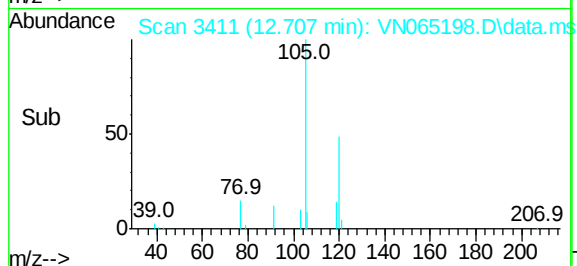
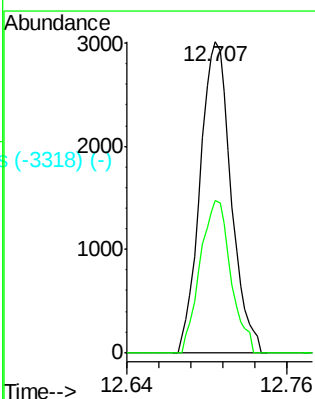
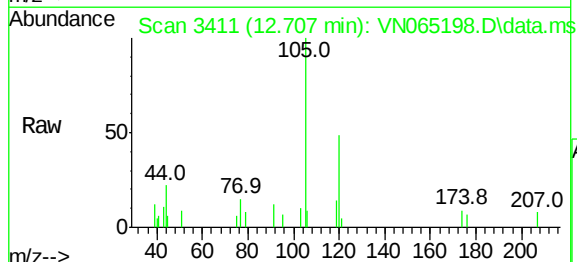
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

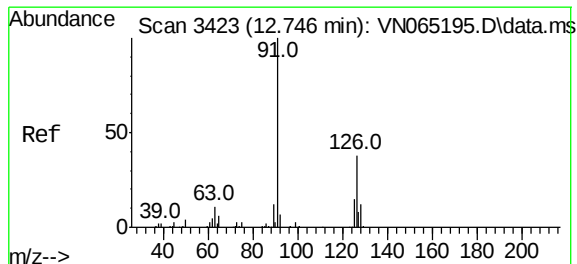
Tgt Ion: 91 Resp: 4171
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.2 51.6



1,3,5-Trimethylbenzene
 Concen: 0.42 ug/l
 RT: 12.707 min Scan# 3411
 Delta R.T. -0.001 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

Tgt Ion: 105 Resp: 4921
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.6 73.6

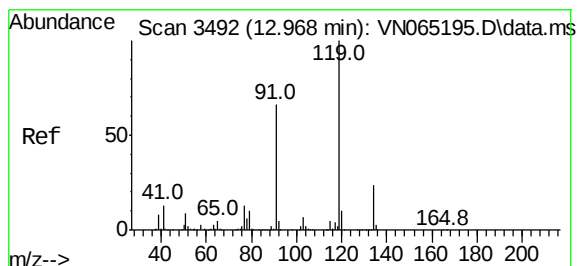
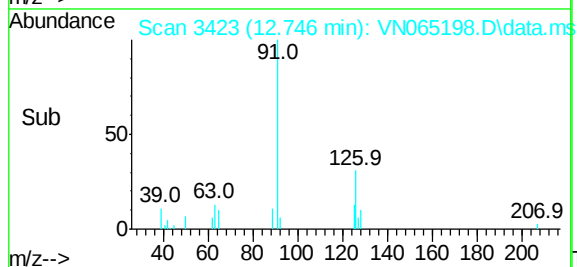
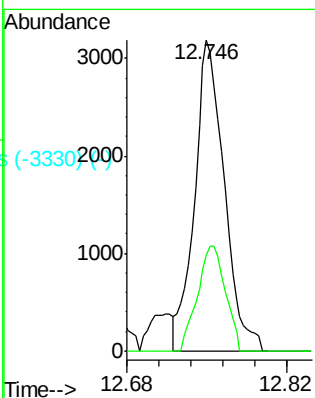
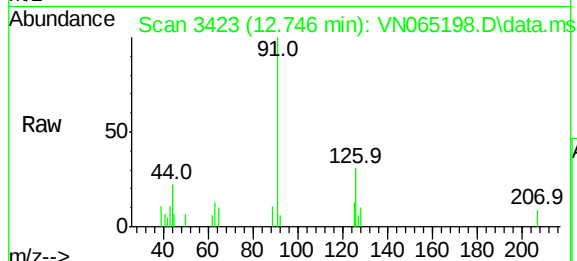




4-Chlorotoluene
 Concen: 0.61 ug/l
 RT: 12.746 min Scan# 3423
 Delta R.T. -0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

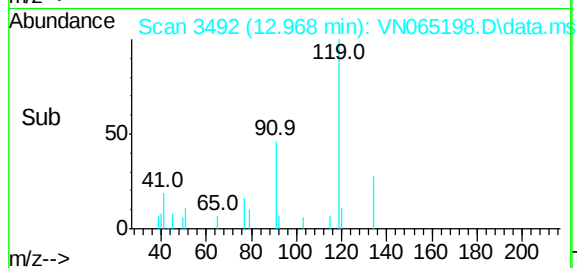
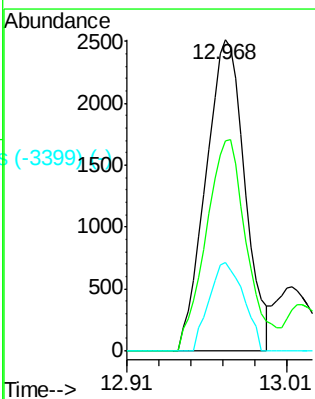
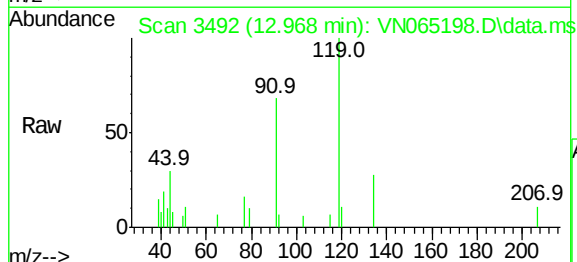
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

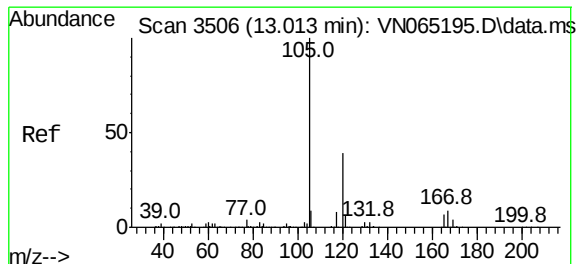
Tgt Ion:	91	Resp:	5668
Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.9	50.7



tert-Butylbenzene
 Concen: 0.42 ug/l
 RT: 12.968 min Scan# 3492
 Delta R.T. -0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

Tgt Ion:	119	Resp:	4177
Ion	Ratio	Lower	Upper
119	100		
91	70.7	32.3	96.8
134	25.0	12.6	37.6

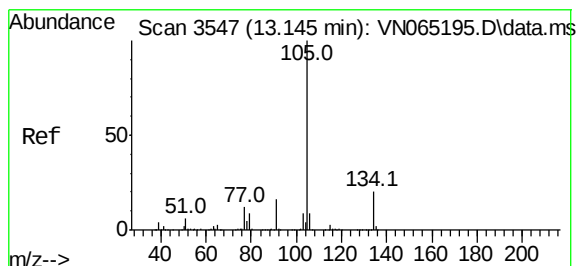
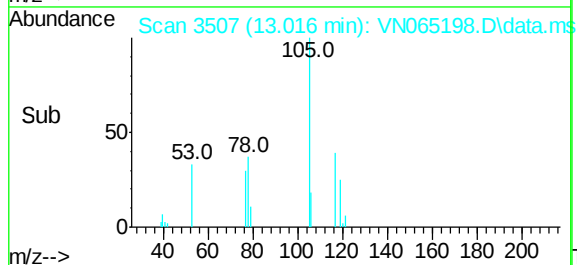
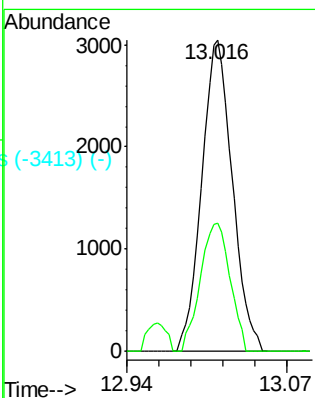
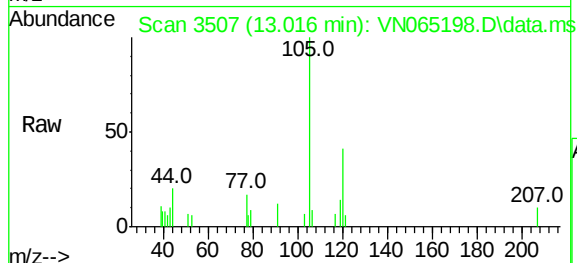




#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 0.45 ug/l
 RT: 13.016 min Scan# 3507
 Delta R.T. 0.003 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

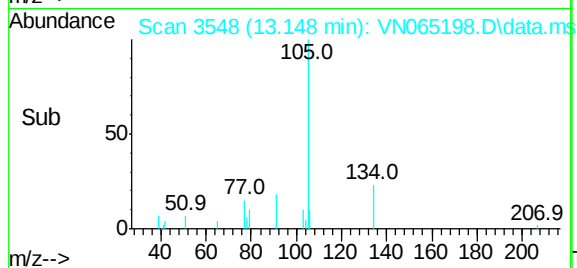
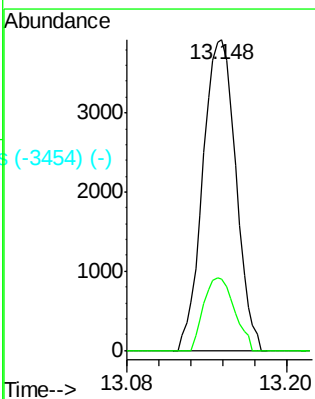
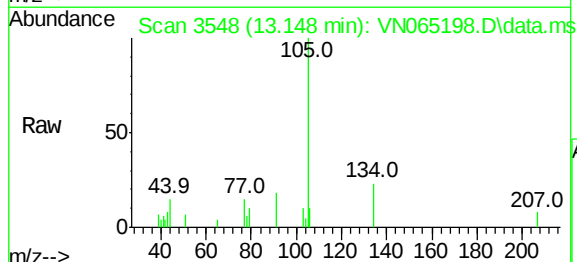
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

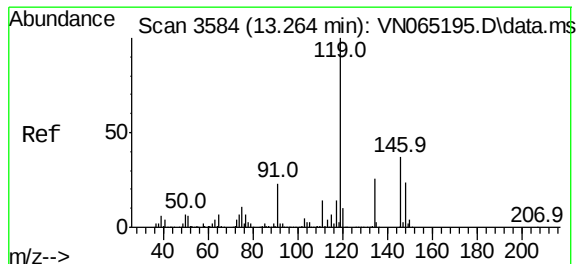
Tgt Ion:105 Resp: 5133
 Ion Ratio Lower Upper
 105 100
 120 39.8 23.1 69.2



#8532 (-)
 sec-Butylbenzene
 Concen: 0.50 ug/l
 RT: 13.148 min Scan# 3548
 Delta R.T. 0.003 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

Tgt Ion:105 Resp: 6515
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.1 30.1

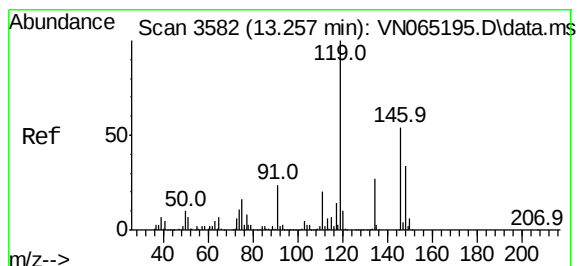
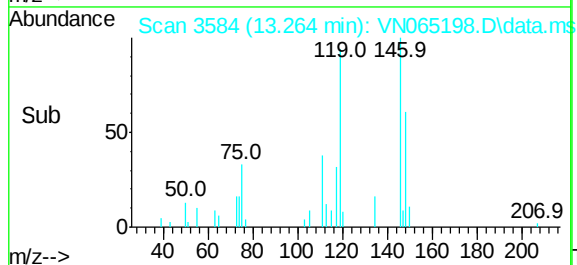
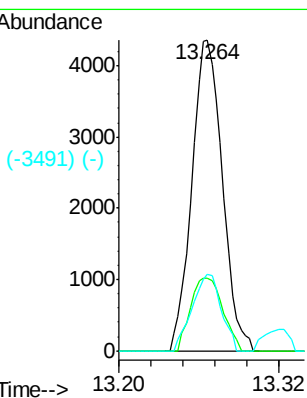
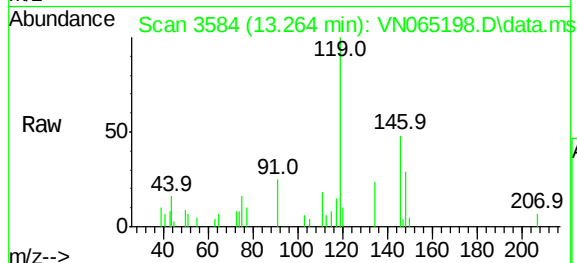




#8670 (-)
 p-Isopropyltoluene
 Concen: 0.58 ug/l
 RT: 13.264 min Scan# 3584
 Delta R.T. -0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

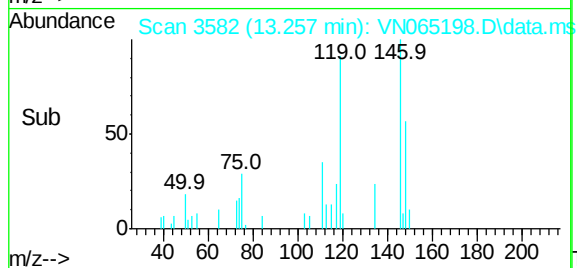
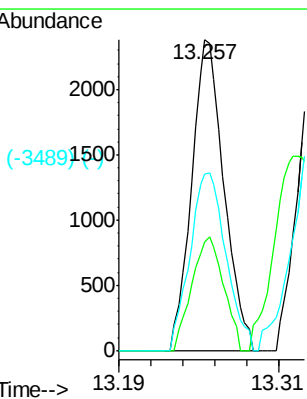
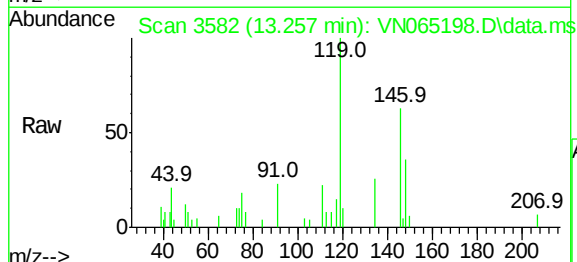
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

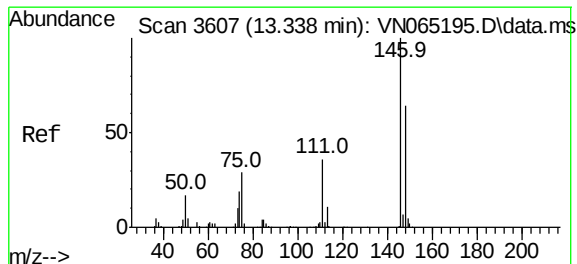
Tgt Ion:	119	Resp:	6997
Ion	Ratio	Lower	Upper
119	100		
134	24.6	13.1	39.1
91	23.5	11.5	34.5



#8671 (-)
 1,3-Dichlorobenzene
 Concen: 0.65 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. 0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

Tgt Ion:	146	Resp:	3869
Ion	Ratio	Lower	Upper
146	100		
111	35.8	20.6	61.9
148	63.7	31.9	95.5

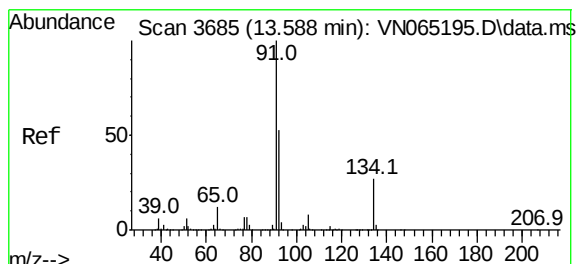
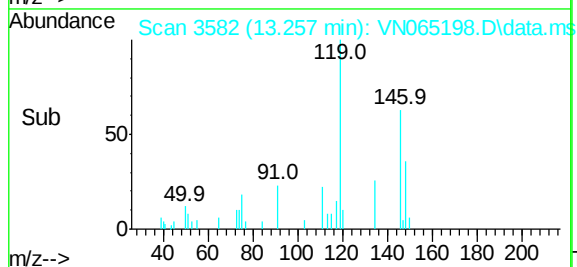
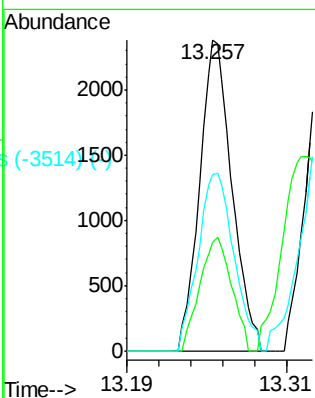
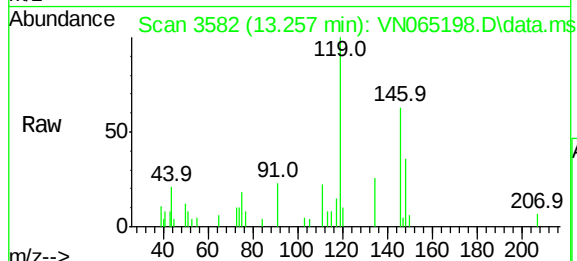




#3595 (-)
1,4-Dichlorobenzene
Concen: 0.65 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. -0.081 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

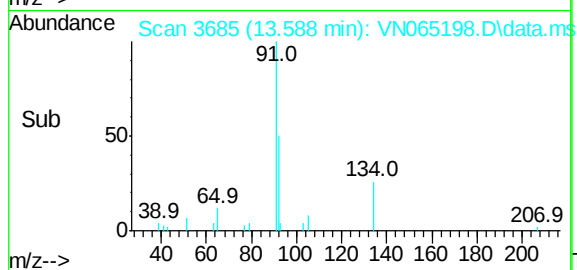
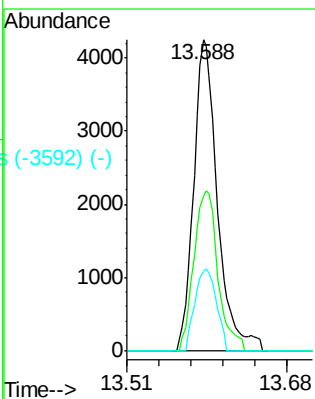
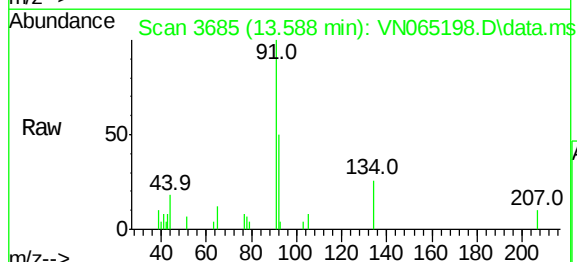
Instrument :
MSVOA_N
ClientSampleId :
IBLK

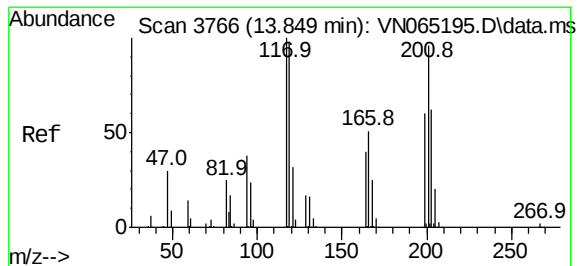
Tgt Ion:	146	Resp:	3869
Ion	Ratio	Lower	Upper
146	100		
111	35.8	19.8	59.3
148	63.7	31.9	95.5



#3571 (-)
n-Butylbenzene
Concen: 0.73 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion:	91	Resp:	7512
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	23.7	12.9	38.6

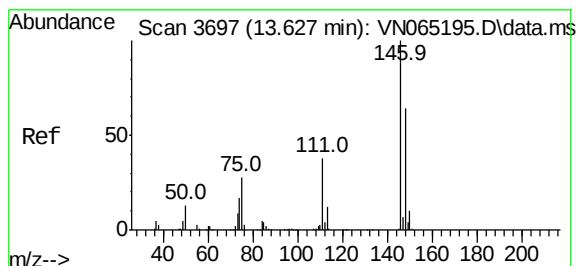
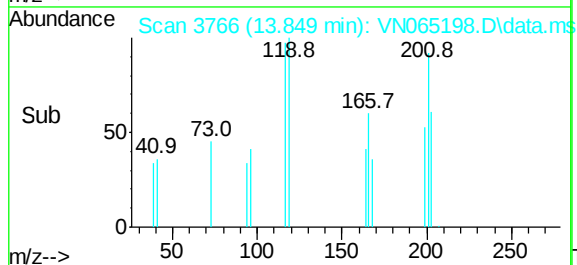
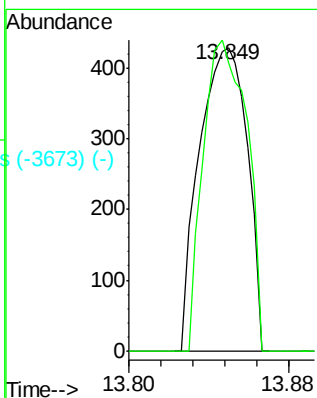
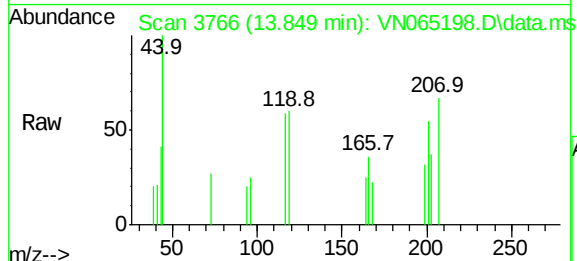




#9052 (-)
Hexachloroethane
Concen: 0.33 ug/l
RT: 13.849 min Scan# 3766
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

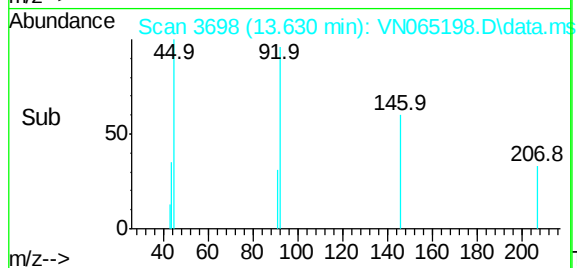
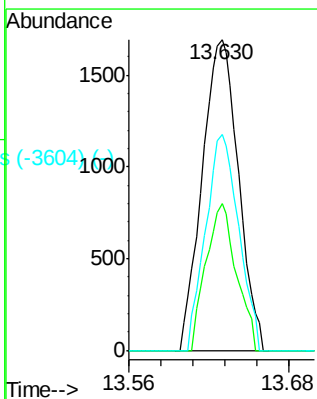
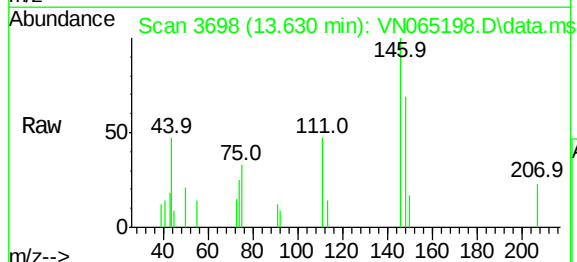
Instrument :
MSVOA_N
ClientSampleId :
IBLK

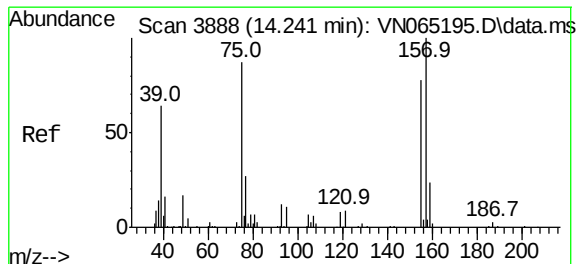
Tgt Ion:117 Resp: 690
Ion Ratio Lower Upper
117 100
201 93.6 40.1 120.3



#9052 (-)
1,2-Dichlorobenzene
Concen: 0.57 ug/l
RT: 13.630 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

Tgt Ion:146 Resp: 3242
Ion Ratio Lower Upper
146 100
111 39.6 21.1 63.1
148 63.4 32.0 96.2

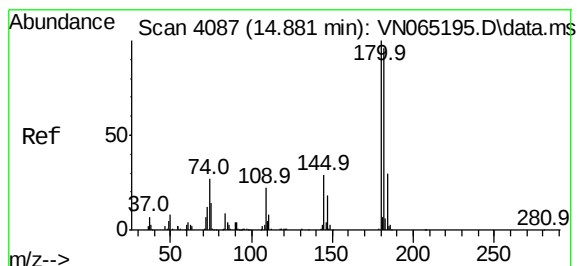
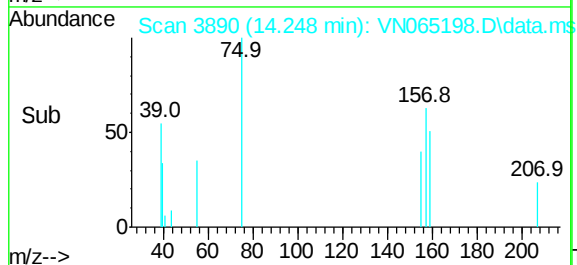
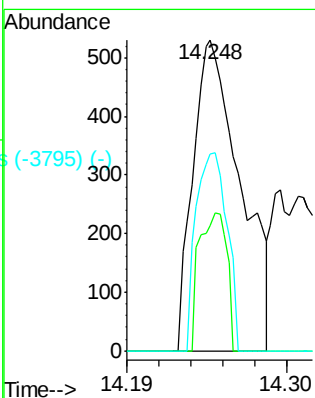
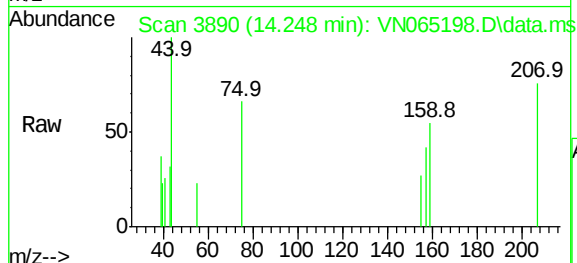




Scan 3888 (14.241 min): VN065195.D\data.ms (#9276) (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 1.60 ug/l
 RT: 14.248 min Scan# 3890
 Delta R.T. 0.007 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

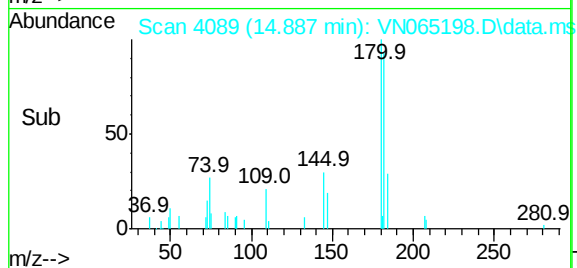
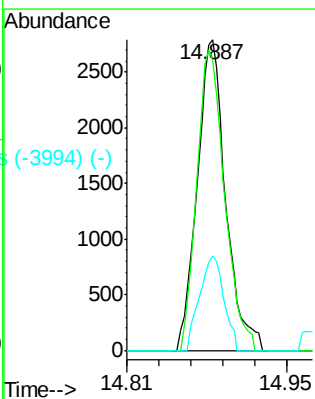
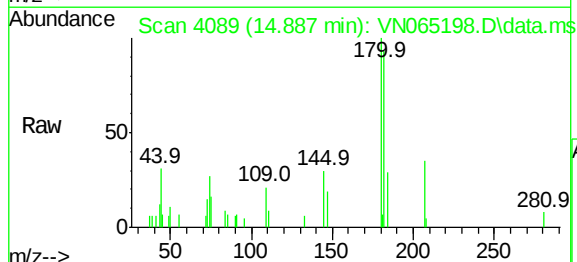
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

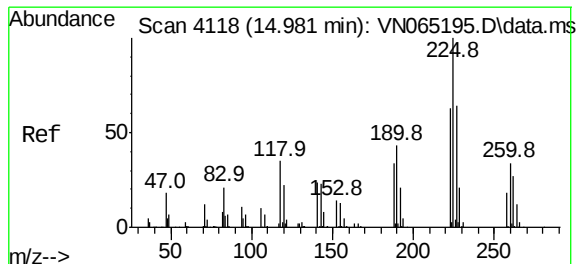
Tgt Ion:	75	Resp:	1211
Ion	Ratio	Lower	Upper
75	100		
155	25.6	42.8	128.3#
157	41.5	56.4	169.1#



Scan 4087 (14.881 min): VN065195.D\data.ms (#9273) (-)
 1,2,4-Trichlorobenzene
 Concen: 4.15 ug/l
 RT: 14.887 min Scan# 4089
 Delta R.T. 0.006 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

Tgt Ion:	180	Resp:	4939
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.9
145	25.8	15.3	45.8

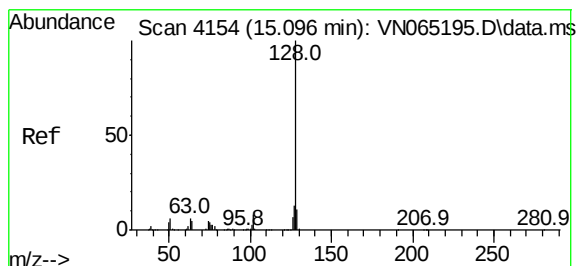
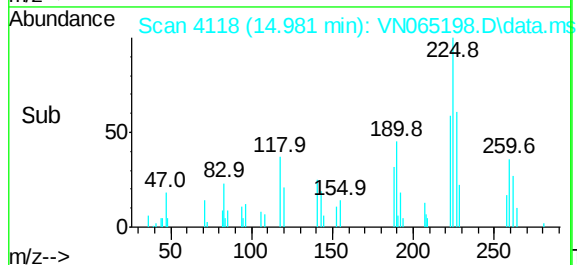
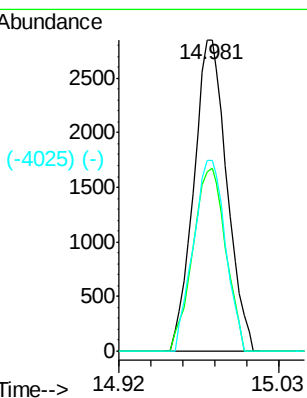
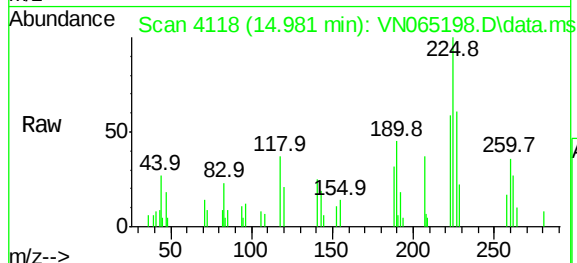




#4104 (-)
Hexachlorobutadiene
Concen: 2.00 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

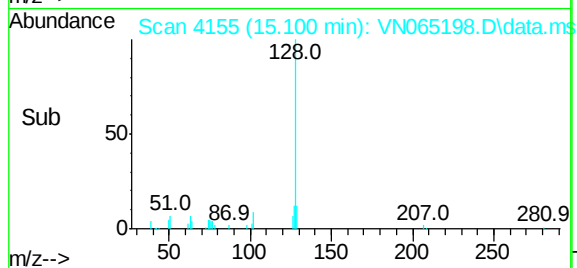
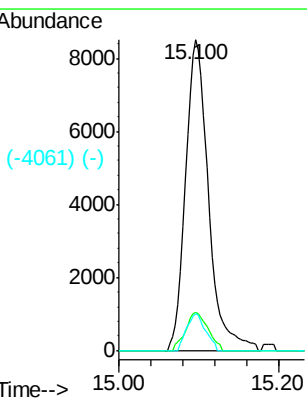
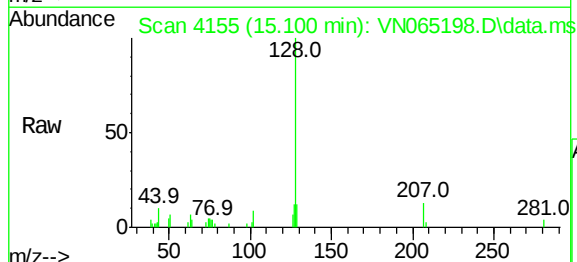
Instrument :
MSVOA_N
ClientSampleId :
IBLK

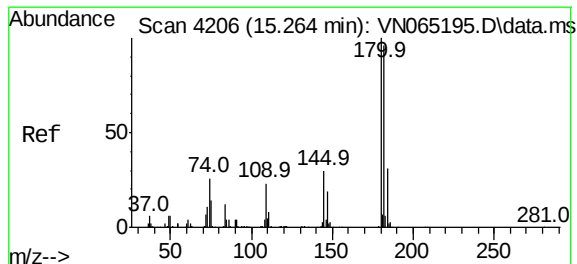
Tgt Ion:	225	Resp:	4521
Ion	Ratio	Lower	Upper
225	100		
223	58.5	31.0	93.0
227	59.5	32.0	96.0



#4139 (-)
Naphthalene
Concen: 5.02 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN065198.D
Acq: 22 Dec 2020 14:15

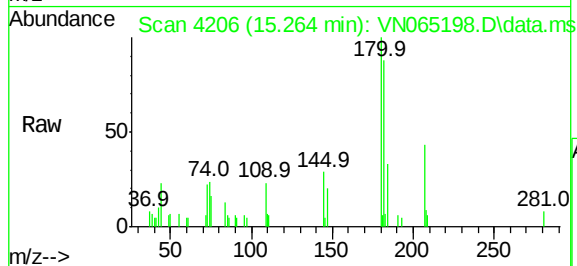
Tgt Ion:	128	Resp:	16439
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	9.7	8.7	13.1





#962 (-)
 1,2,3-Trichlorobenzene
 Concen: 5.00 ug/l
 RT: 15.264 min Scan# 4206
 Delta R.T. -0.000 min
 Lab File: VN065198.D
 Acq: 22 Dec 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 6246

Ion	Ratio	Lower	Upper
180	100		
182	90.3	48.1	144.4
145	27.8	16.4	49.1

