

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011321\
 Data File : VN065498.D
 Acq On : 13 Jan 2021 19:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 14 04:12:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.158	128	43221	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	226507	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	199197	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	82719	30.63	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	102.10%		
60) 4-Bromofluorobenzene	12.376	95	77502	25.69	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.63%		
63) Toluene-d8	10.061	98	267423	30.67	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.23%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	938	0.44	ug/l	96
3) Chloromethane	2.055	50	640	0.24	ug/l	97
4) Vinyl Chloride	2.181	62	633	0.22	ug/l	100
5) Bromomethane	2.544	94	1335	0.64	ug/l	87
7) Trichlorofluoromethane	3.001	101	1094	0.28	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.718	101	603	0.26	ug/l	71
10) 1,1-Dichloroethene	3.708	96	945	0.40	ug/l	89
11) Methyl Iodide	3.923	142	1361	0.36	ug/l #	89
12) Methyl Acetate	4.300	43	924	0.40	ug/l #	50
13) Acrolein	3.583	56	1193	3.03	ug/l #	75
14) Acrylonitrile	4.952	53	709	0.67	ug/l #	53
15) Acetone	3.785	58	105	0.32	ug/l #	1
16) Carbon Disulfide	4.010	76	8739	1.51	ug/l	99
18) Methylene Chloride	4.512	84	783	0.30	ug/l #	82
19) trans-1,2-Dichloroethene	4.994	96	1062	0.44	ug/l	91
22) cis-1,2-Dichloroethene	6.785	96	555	0.20	ug/l #	66
23) tert-Butyl Alcohol	4.705	59	382	1.17	ug/l #	100
26) Cyclohexane	7.611	56	1365	0.39	ug/l #	79
29) 1,1-Dichloropropene	7.753	75	1457	0.45	ug/l	78
30) 2-Butanone	6.811	43	335	0.26	ug/l #	52
37) Trichloroethene	8.801	130	1480	0.50	ug/l	86
38) Methylcyclohexane	9.049	83	1944	0.52	ug/l #	72
40) Dibromomethane	9.180	93	519	0.30	ug/l	96
45) 1,4-Dioxane	9.171	88	128	3.89	ug/l #	39
46) Methyl methacrylate	9.042	41	690	0.30	ug/l	76
48) t-1,3-Dichloropropene	10.354	75	935	0.25	ug/l	94
49) cis-1,3-Dichloropropene	9.811	75	817	0.20	ug/l #	71
55) 2-Chloroethyl vinyl ether	9.672	63	719	0.46	ug/l #	56
58) 4-Methyl-2-Pentanone	9.958	43	1487	0.56	ug/l #	75
59) 2-Hexanone	10.727	43	1599	0.84	ug/l #	80
61) Tetrachloroethene	10.605	164	1971	0.62	ug/l #	80
62) Toluene	10.129	91	2885	0.28	ug/l	99
64) Chlorobenzene	11.405	112	2721	0.40	ug/l	100
66) Ethyl Benzene	11.483	91	4052	0.36	ug/l	99
67) m/p-Xylenes	11.592	106	3363	0.76	ug/l	94
68) o-Xylene	11.926	106	1245	0.29	ug/l	100
69) Styrene	11.936	104	2152	0.30	ug/l	96
70) Isopropylbenzene	12.222	105	4168	0.37	ug/l	99
72) 1,2,3-Trichloropropane	12.531	75	1149	0.38	ug/l	1
73) Bromobenzene	12.499	156	1266	0.39	ug/l	91

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

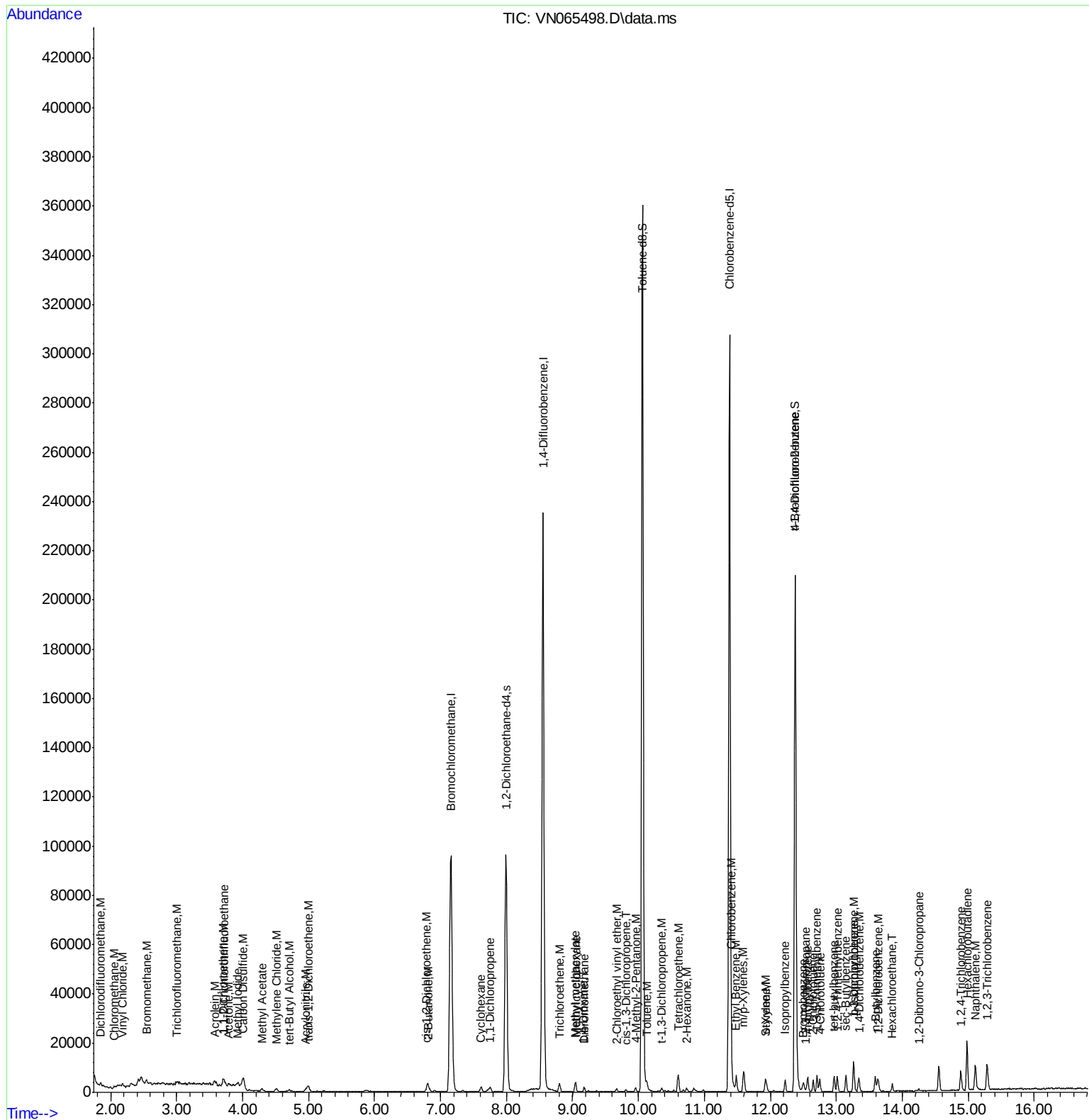
74) n-propylbenzene	12.566	91	6392	0.51	ug/l	96
75) 2-Chlorotoluene	12.646	91	3545	0.47	ug/l	96
76) 1,3,5-Trimethylbenzene	12.708	105	4507	0.47	ug/l	93
77) t-1,4-Dichloro-2-butene	12.376	75	36577	34.31	ug/l #	14
78) 4-Chlorotoluene	12.749	91	3589	0.47	ug/l	97
79) tert-butylbenzene	12.968	119	3988	0.48	ug/l	97
80) 1,2,4-Trimethylbenzene	13.013	105	4444	0.46	ug/l	89
81) sec-Butylbenzene	13.145	105	5576	0.52	ug/l	100
82) p-Isopropyltoluene	13.264	119	5139	0.51	ug/l	99
83) 1,3-Dichlorobenzene	13.261	146	3424	0.64	ug/l	95
84) 1,4-Dichlorobenzene	13.341	146	3464	0.67	ug/l	98
85) n-Butylbenzene	13.589	91	5176	0.66	ug/l	91
86) Hexachloroethane	13.846	117	616	0.37	ug/l	83
87) 1,2-Dichlorobenzene	13.630	146	3281	0.63	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.254	75	176	0.31	ug/l #	47
89) 1,2,4-Trichlorobenzene	14.887	180	3857	8.72	ug/l	97
90) Hexachlorobutadiene	14.984	225	4977	2.71	ug/l	96
91) Naphthalene	15.106	128	11522	10.23	ug/l	97
92) 1,2,3-Trichlorobenzene	15.286	180	5071	1.91	ug/l	98

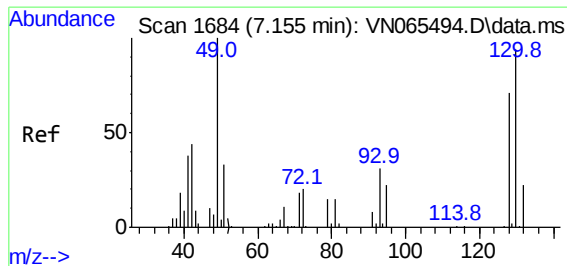
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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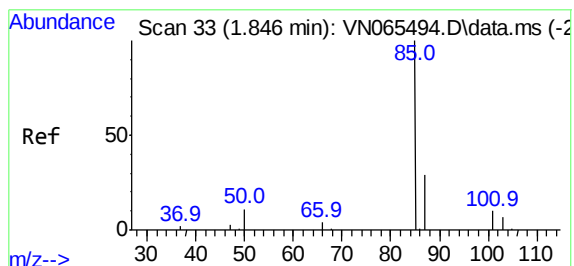
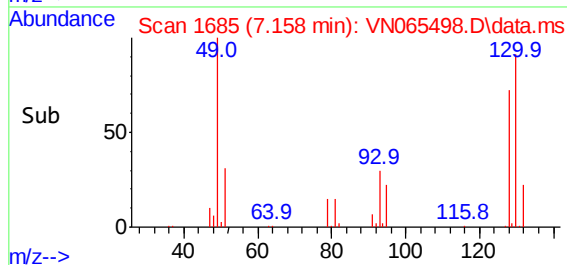
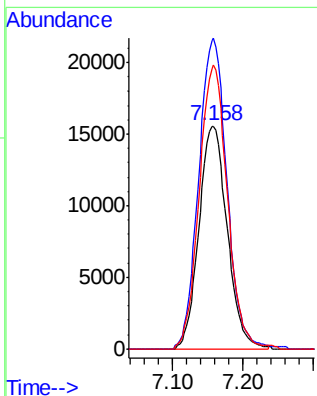
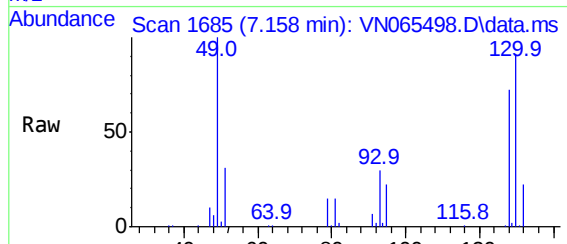




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

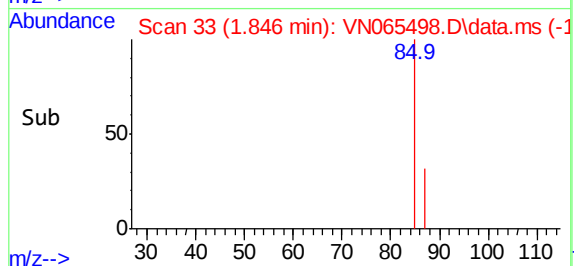
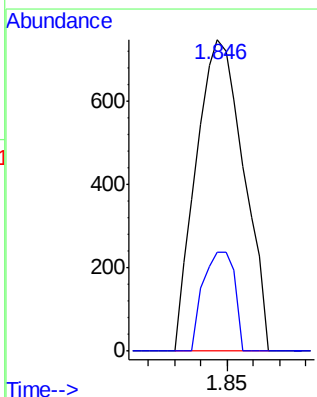
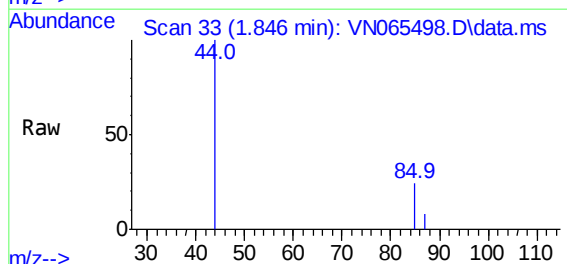
Instrument :
MSVOA_N
ClientSampled :
IBLK

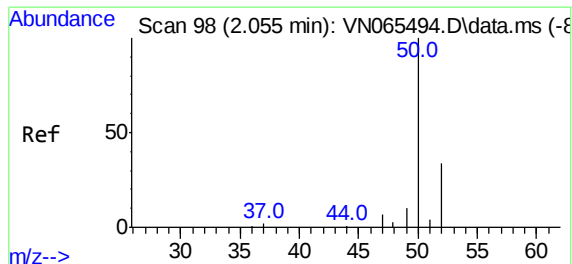
Tgt Ion:128 Resp: 43221
Ion Ratio Lower Upper
128 100
49 139.6 0.0 355.0
130 127.4 0.0 325.5



#2
Dichlorodifluoromethane
Concen: 0.44 ug/l
RT: 1.846 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 85 Resp: 938
Ion Ratio Lower Upper
85 100
87 31.6 14.6 43.8

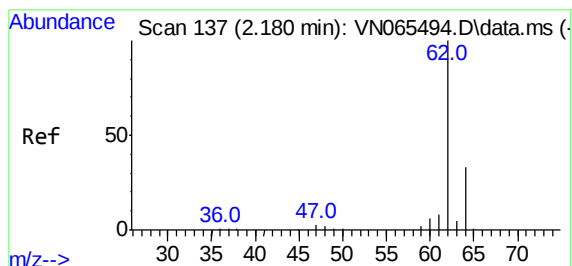
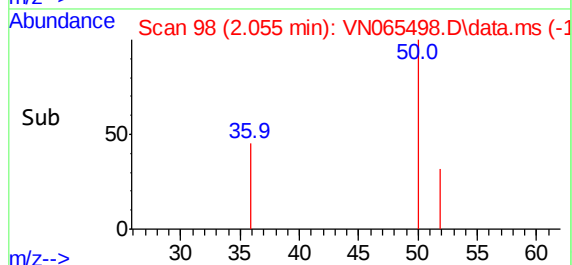
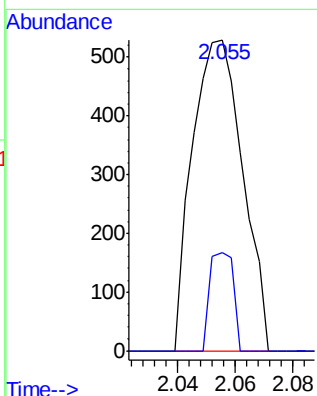
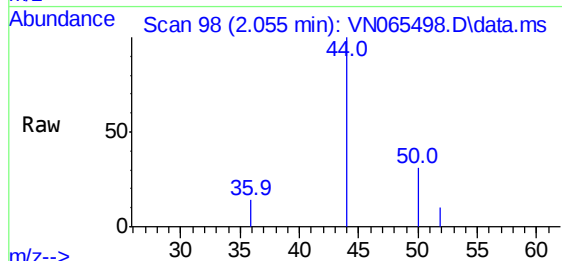




#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

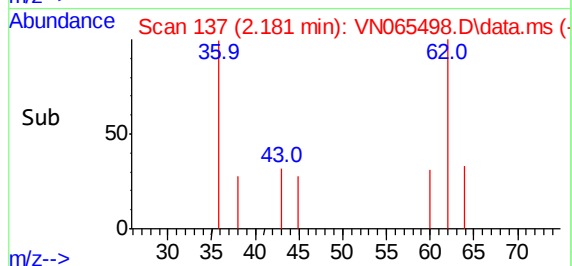
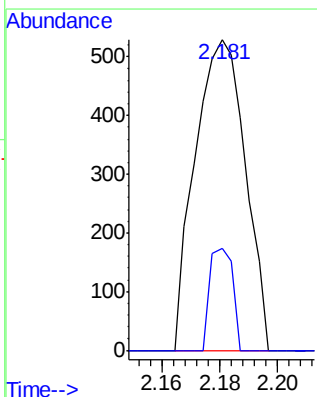
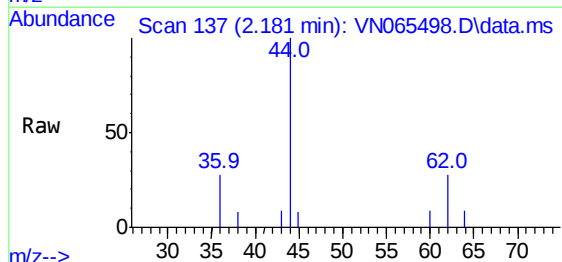
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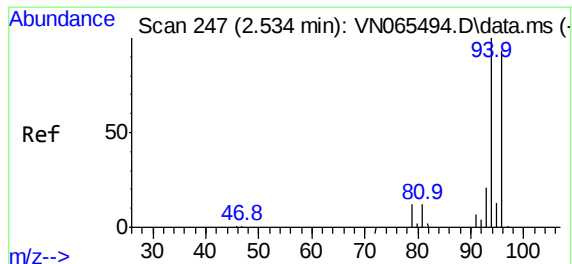
Tgt Ion: 50 Resp: 640
Ion Ratio Lower Upper
50 100
52 31.6 26.8 40.2



#4
Vinyl Chloride
Concen: 0.22 ug/l
RT: 2.181 min Scan# 137
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 62 Resp: 633
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.4

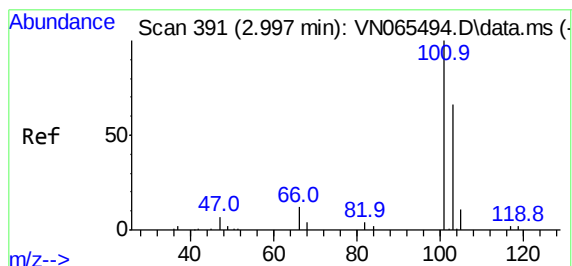
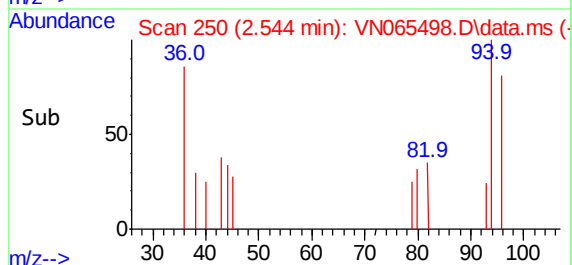
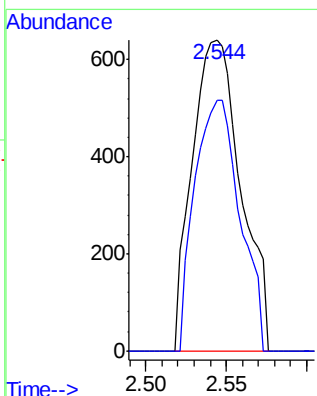
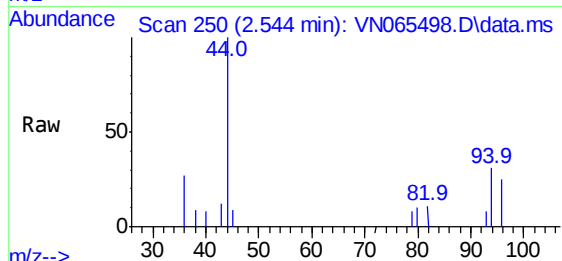




#5
Bromomethane
Concen: 0.64 ug/l
RT: 2.544 min Scan# 250
Delta R.T. 0.010 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

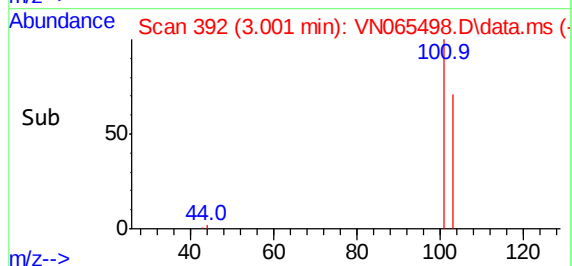
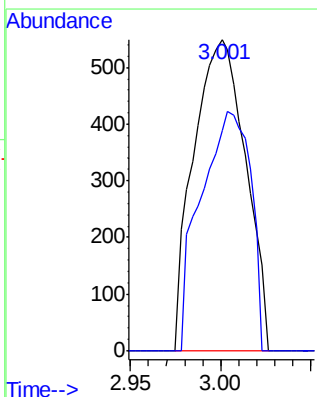
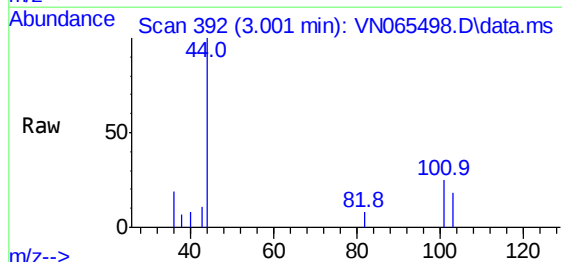
Instrument :
MSVOA_N
ClientSampled :
IBLK

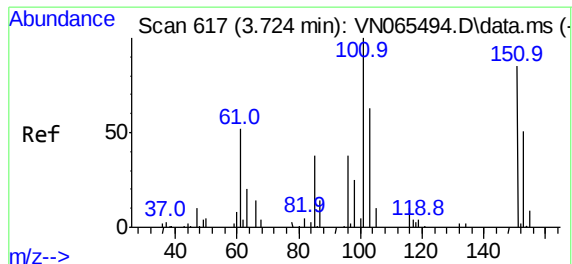
Tgt Ion: 94 Resp: 1335
Ion Ratio Lower Upper
94 100
96 80.8 74.6 111.8



#7
Trichlorofluoromethane
Concen: 0.28 ug/l
RT: 3.001 min Scan# 392
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 101 Resp: 1094
Ion Ratio Lower Upper
101 100
103 70.7 52.6 78.8



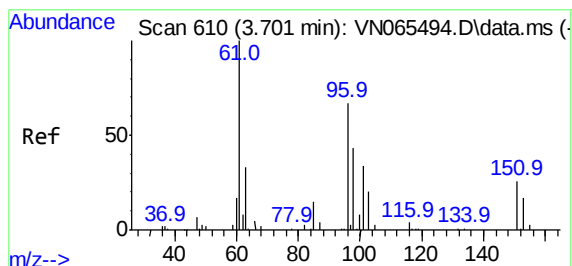
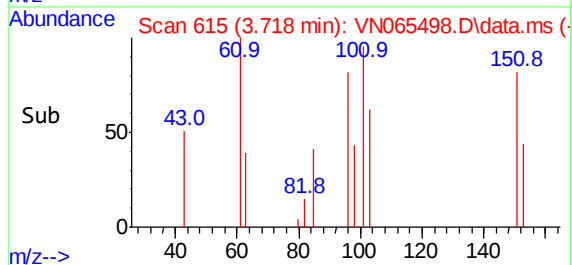
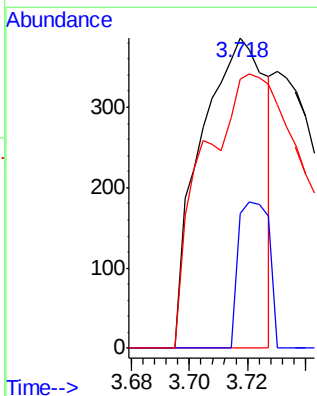
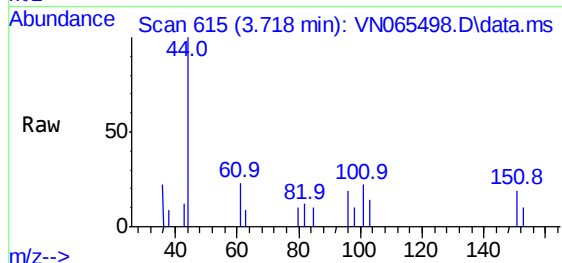


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.26 ug/l
RT: 3.718 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 101 Resp: 603

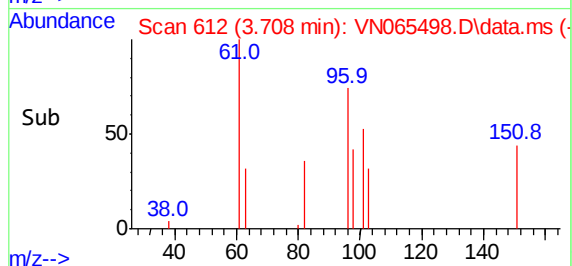
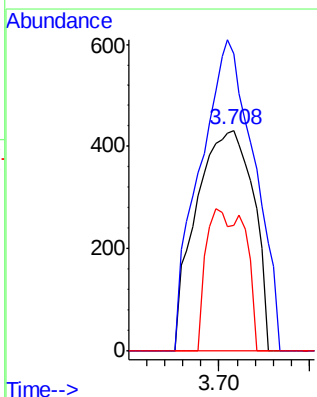
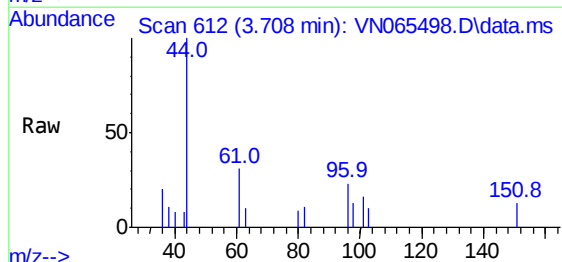
Ion	Ratio	Lower	Upper
101	100		
85	16.9	0.0	80.6
151	61.9	0.0	169.2

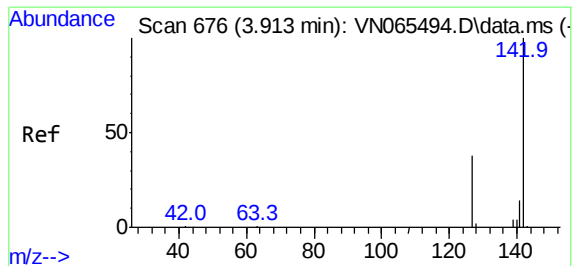


#10
1,1-Dichloroethene
Concen: 0.40 ug/l
RT: 3.708 min Scan# 612
Delta R.T. 0.007 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 96 Resp: 945

Ion	Ratio	Lower	Upper
96	100		
61	134.7	119.9	179.9
98	56.9	51.2	76.8

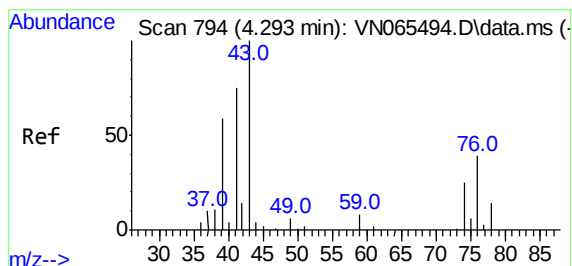
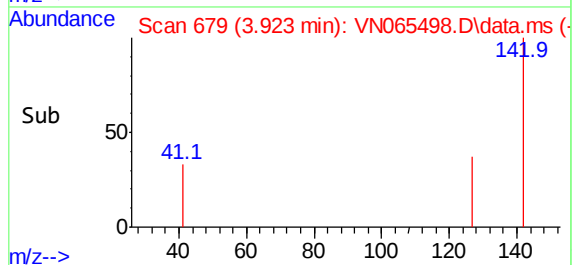
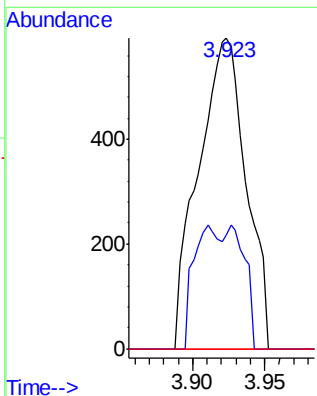
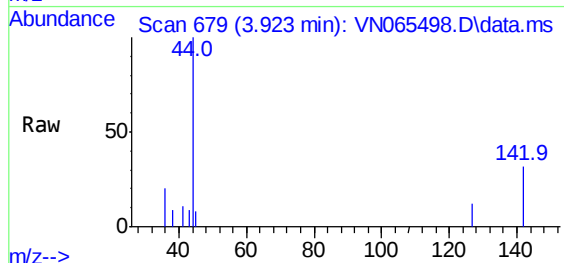




#11
Methyl Iodide
Concen: 0.36 ug/l
RT: 3.923 min Scan# 679
Delta R.T. 0.010 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

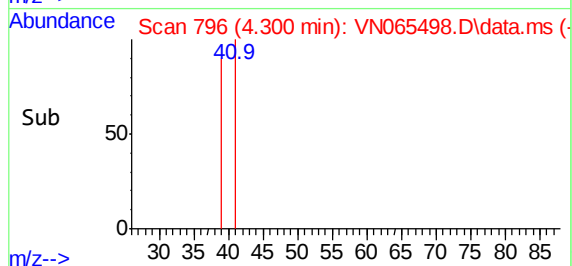
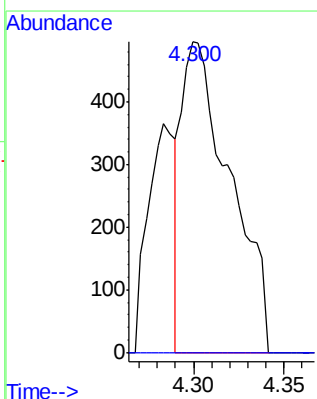
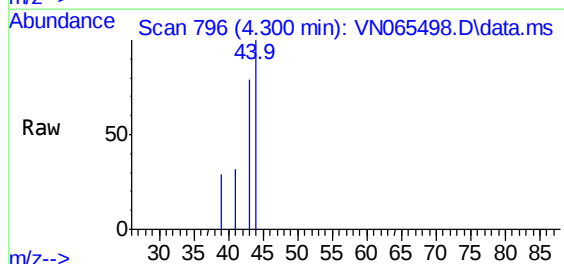
Instrument :
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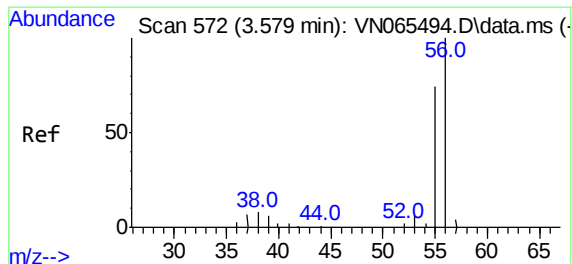
Tgt Ion:142 Resp: 1361
Ion Ratio Lower Upper
142 100
127 36.6 19.1 57.5
141 0.0 7.0 20.9#



#12
Methyl Acetate
Concen: 0.40 ug/l
RT: 4.300 min Scan# 796
Delta R.T. 0.007 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#

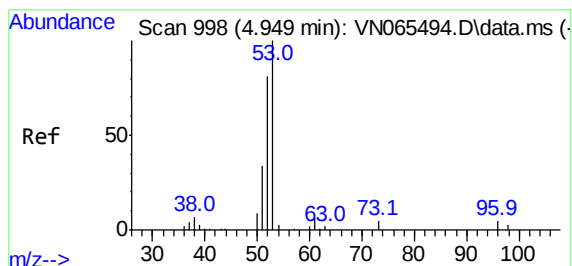
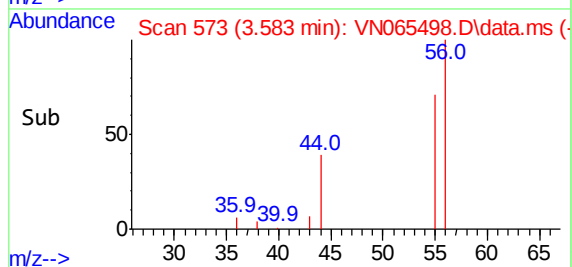
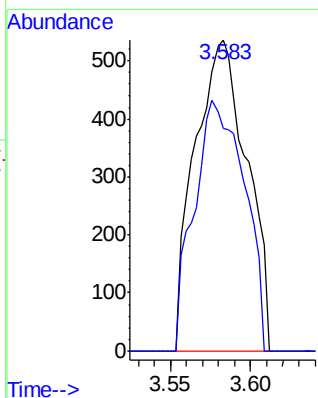
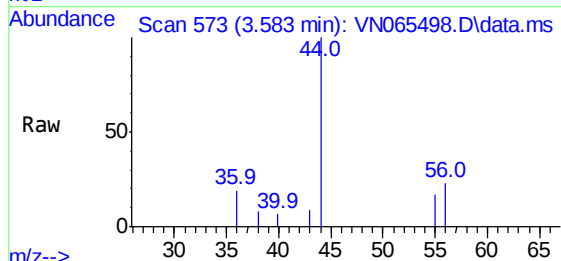




#13
Acrolein
Concen: 3.03 ug/l
RT: 3.583 min Scan# 573
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

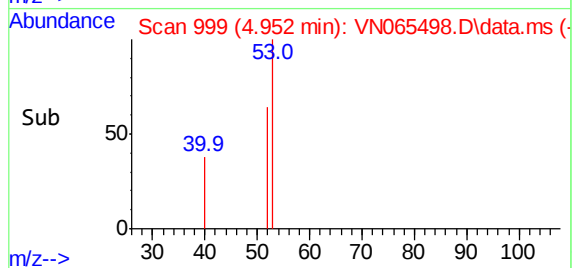
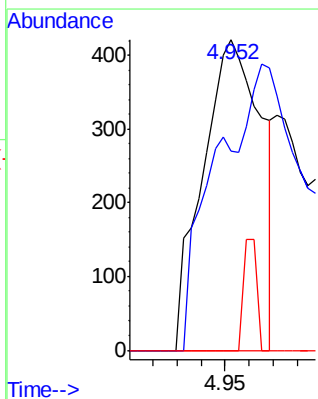
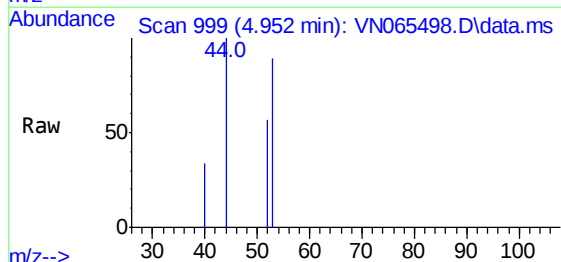
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MSVOA_N
ClientSampled :
IBLK

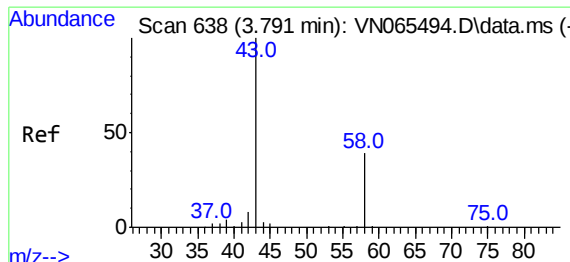
Tgt Ion: 56 Resp: 1193
Ion Ratio Lower Upper
56 100
55 51.2 57.7 86.5#



#14
Acrylonitrile
Concen: 0.67 ug/l
RT: 4.952 min Scan# 999
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 53 Resp: 709
Ion Ratio Lower Upper
53 100
52 45.7 40.7 122.1
51 0.0 18.3 54.8#

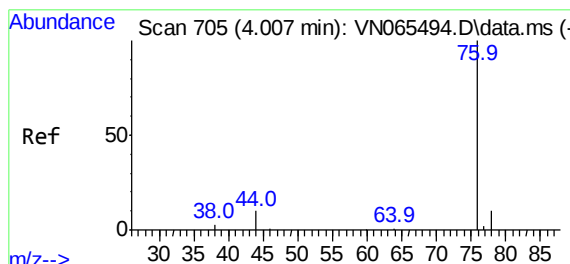
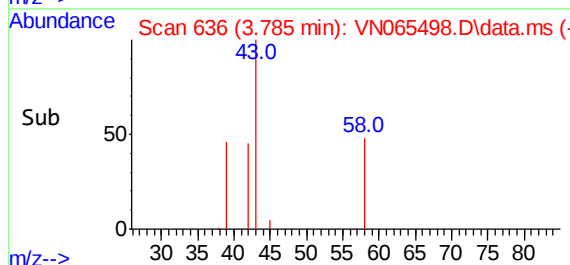
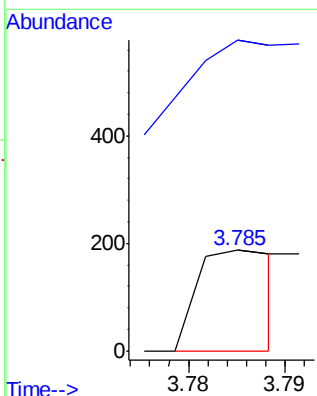
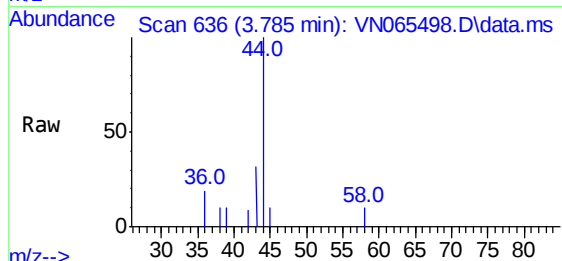




#15
Acetone
Concen: 0.32 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.006 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

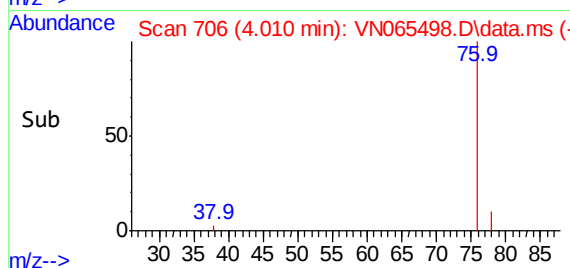
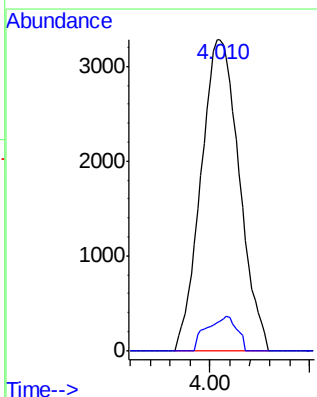
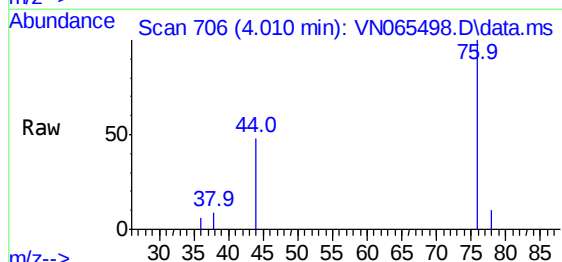
Instrument :
MSVOA_N
ClientSampled :
IBLK

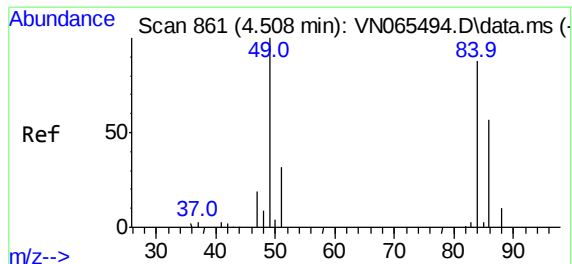
Tgt Ion: 58 Resp: 105
Ion Ratio Lower Upper
58 100
43 56.7 203.4 305.0#



#16
Carbon Disulfide
Concen: 1.51 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 76 Resp: 8739
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8



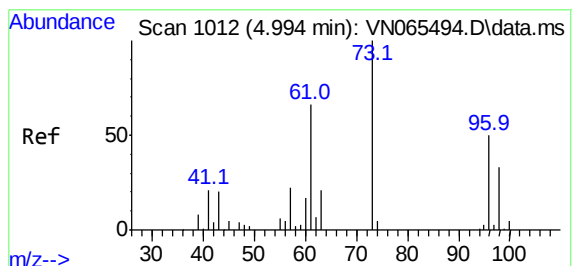
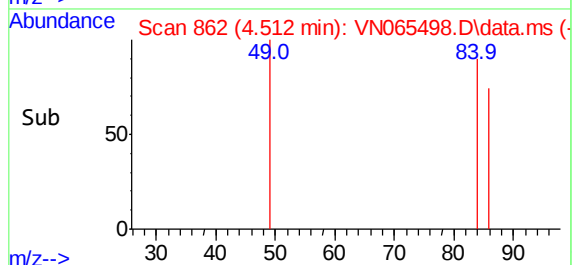
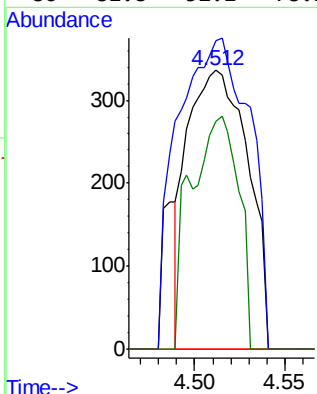
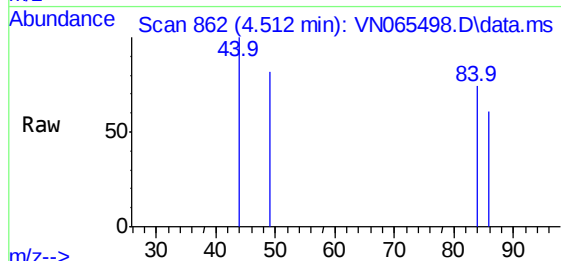


#18
Methylene Chloride
Concen: 0.30 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 783

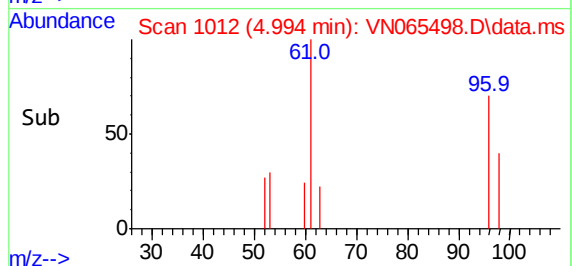
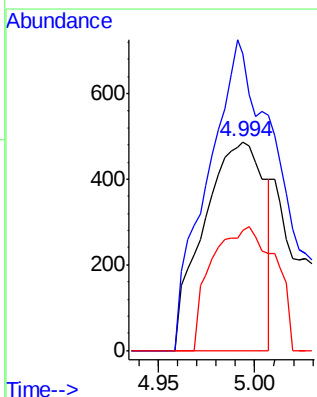
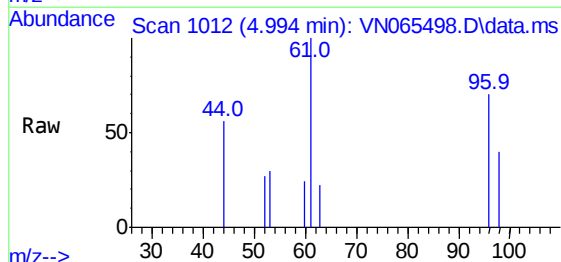
Ion	Ratio	Lower	Upper
84	100		
49	110.7	91.3	136.9
51	0.0	28.8	43.2#
86	81.8	52.1	78.1#

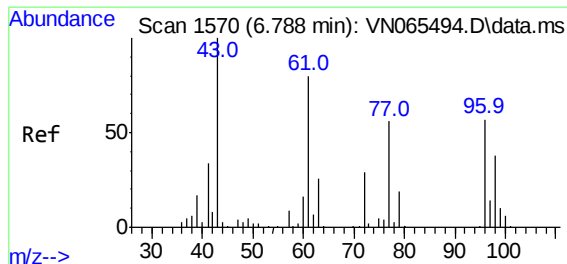


#19
trans-1,2-Dichloroethene
Concen: 0.44 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 96 Resp: 1062

Ion	Ratio	Lower	Upper
96	100		
61	142.0	106.2	159.2
98	57.2	52.4	78.6

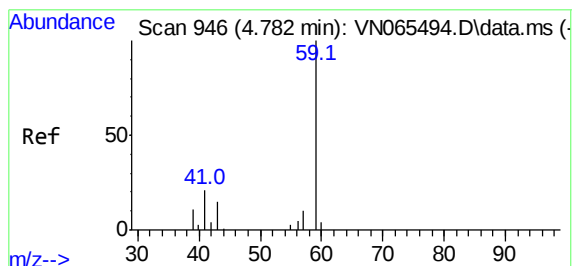
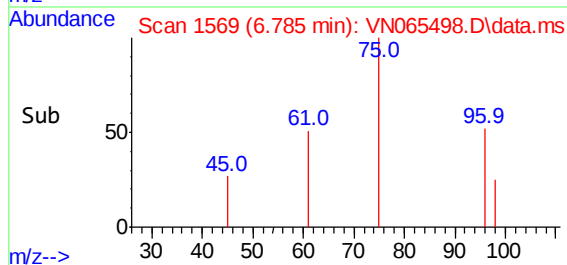
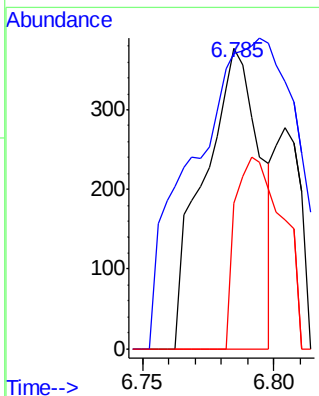
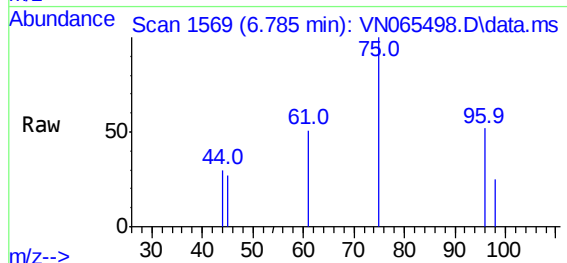




#22
 cis-1,2-Dichloroethene
 Concen: 0.20 ug/l
 RT: 6.785 min Scan# 1569
 Delta R.T. -0.003 min
 Lab File: VN065498.D
 Acq: 13 Jan 2021 19:58

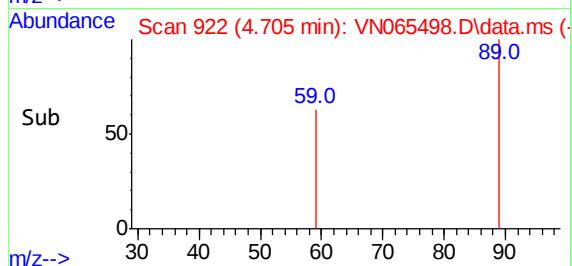
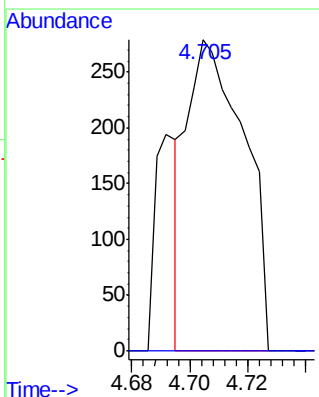
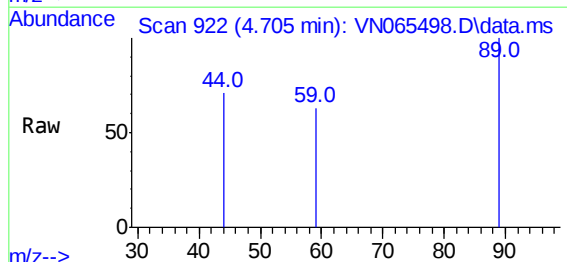
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

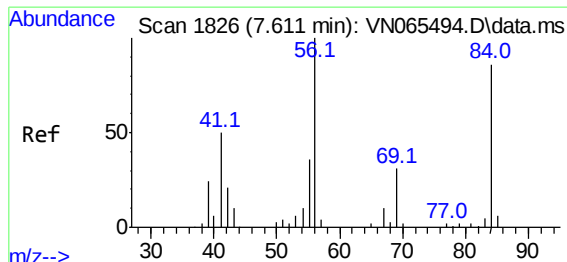
Tgt Ion: 96 Resp: 555
 Ion Ratio Lower Upper
 96 100
 61 190.3 112.5 168.7#
 98 49.0 52.2 78.2#



#23
 tert-Butyl Alcohol
 Concen: 1.17 ug/l
 RT: 4.705 min Scan# 922
 Delta R.T. -0.077 min
 Lab File: VN065498.D
 Acq: 13 Jan 2021 19:58

Tgt Ion: 59 Resp: 382
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

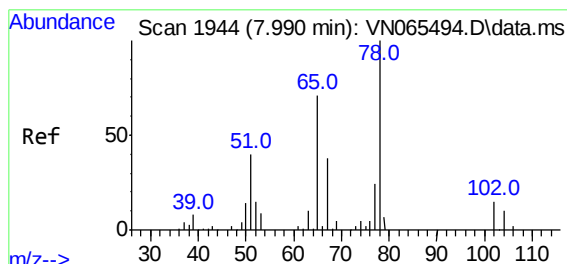
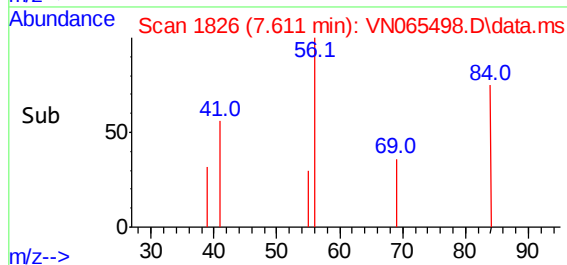
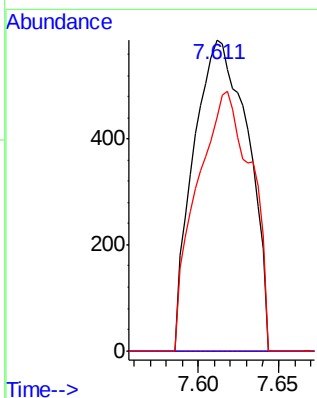
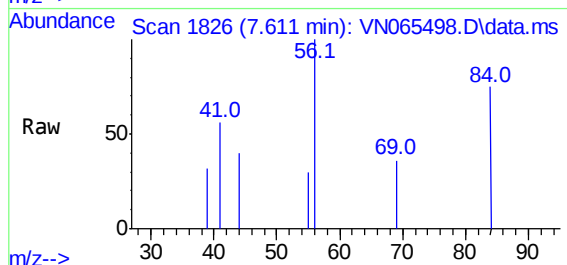




#26
Cyclohexane
Concen: 0.39 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

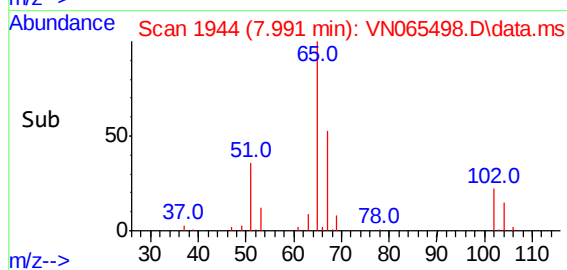
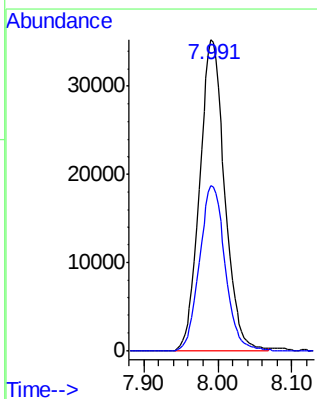
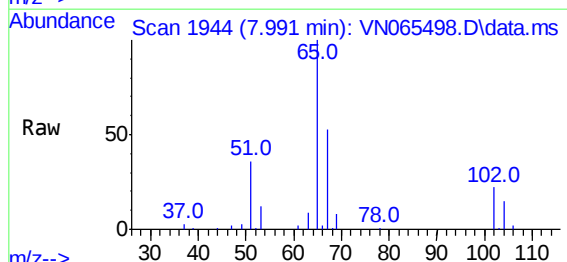
Instrument :
MSVOA_N
ClientSampled :
IBLK

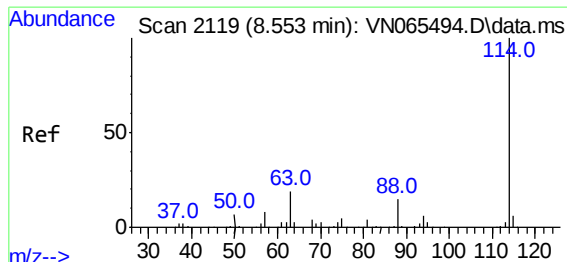
Tgt Ion: 56 Resp: 1365
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 71.1 72.8 109.2#



#27
1,2-Dichloroethane-d4
Concen: 30.63 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 65 Resp: 82719
Ion Ratio Lower Upper
65 100
67 54.1 42.8 64.2

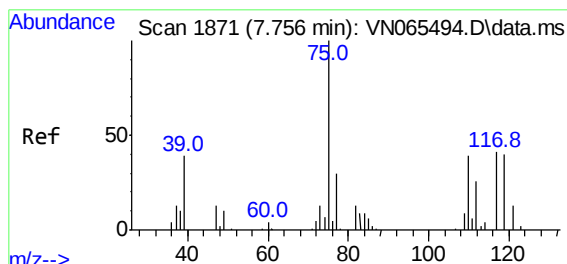
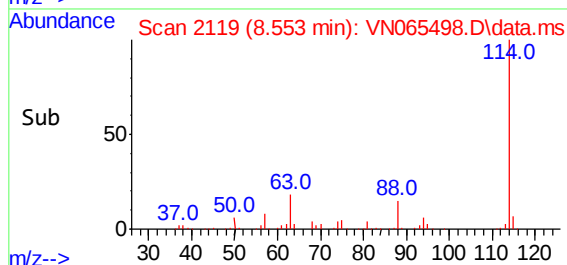
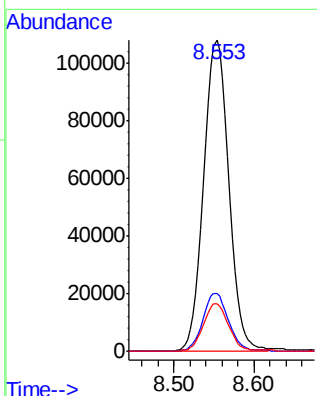
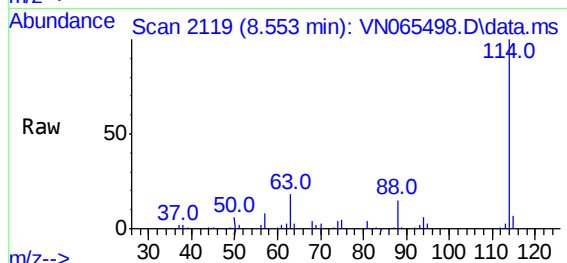




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

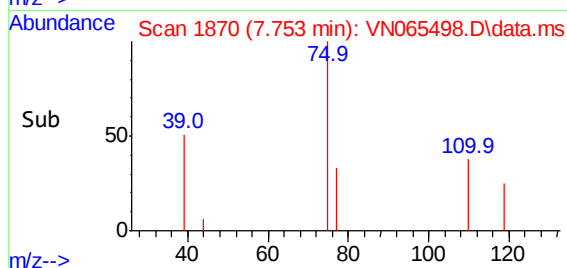
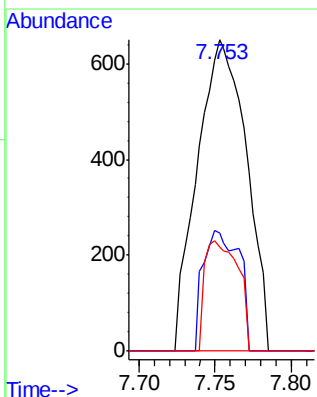
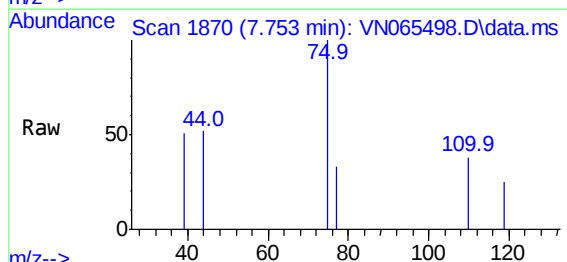
Instrument :
MSVOA_N
ClientSampled :
IBLK

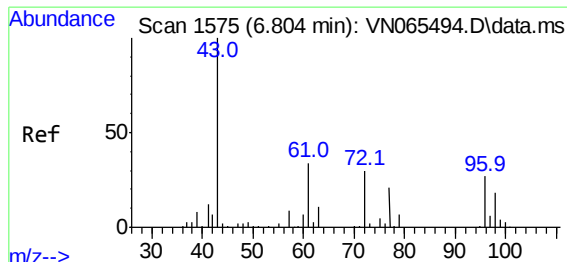
Tgt Ion:114 Resp: 226507
Ion Ratio Lower Upper
114 100
63 18.5 14.7 22.1
88 15.0 11.7 17.5



#29
1,1-Dichloropropene
Concen: 0.45 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 75 Resp: 1457
Ion Ratio Lower Upper
75 100
110 19.8 0.0 74.2
77 23.5 0.0 61.0

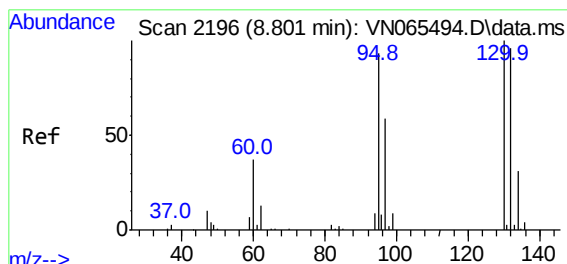
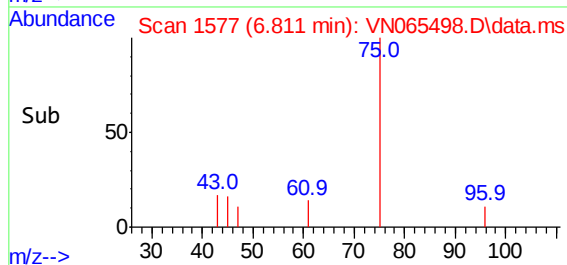
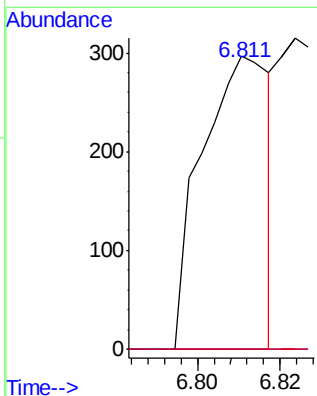
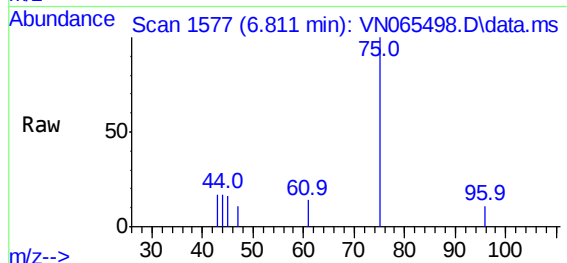




#30
2-Butanone
Concen: 0.26 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.007 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

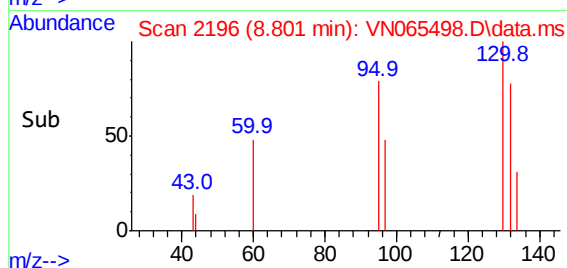
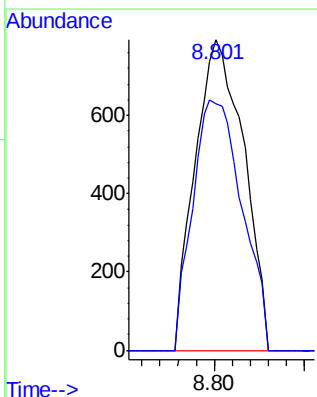
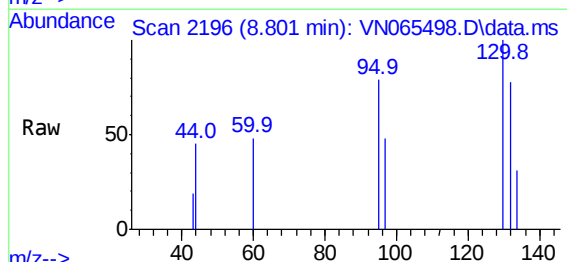
Instrument :
MSVOA_N
ClientSampled :
IBLK

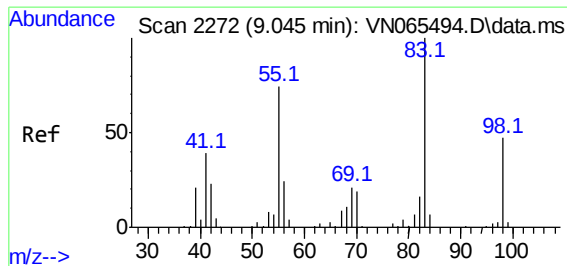
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
57 0.0 7.0 10.4#
72 0.0 23.6 35.4#



#37
Trichloroethene
Concen: 0.50 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:130 Resp: 1480
Ion Ratio Lower Upper
130 100
95 79.3 74.0 111.0

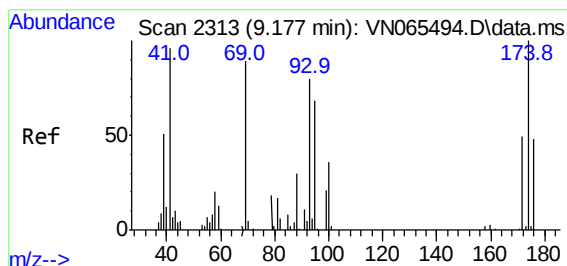
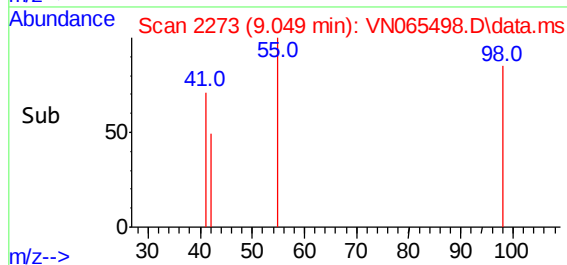
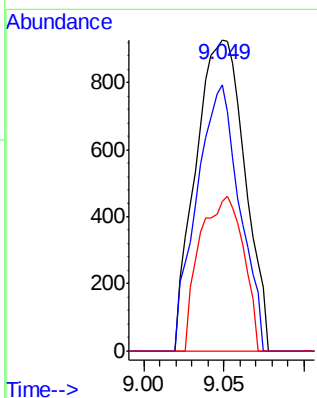
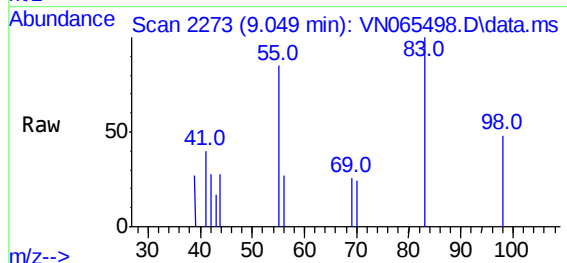




#38
Methylcyclohexane
Concen: 0.52 ug/l
RT: 9.049 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

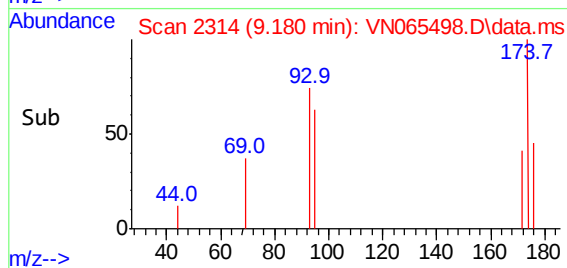
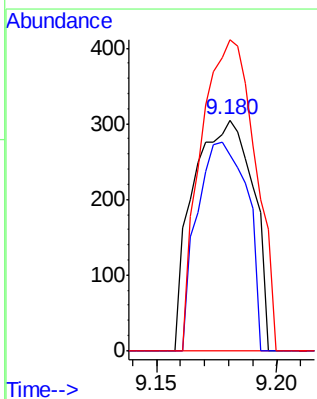
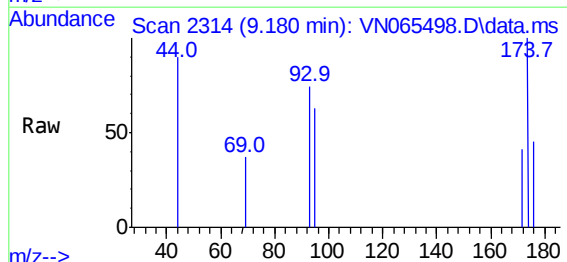
Instrument :
MSVOA_N
ClientSampled :
IBLK

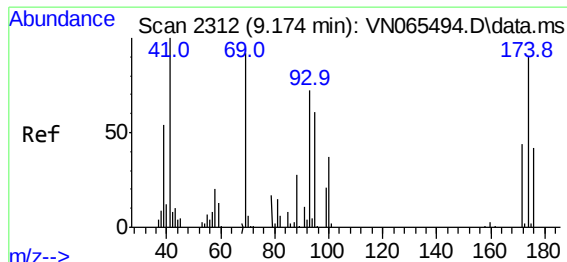
Tgt Ion: 83 Resp: 1944
Ion Ratio Lower Upper
83 100
55 74.4 37.2 111.6
98 0.0 23.8 71.4#



#40
Dibromomethane
Concen: 0.30 ug/l
RT: 9.180 min Scan# 2314
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

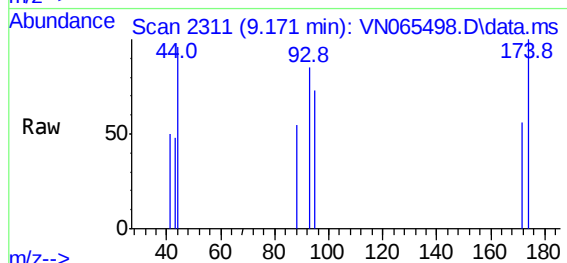
Tgt Ion: 93 Resp: 519
Ion Ratio Lower Upper
93 100
95 75.3 0.0 168.6
174 122.5 0.0 246.4





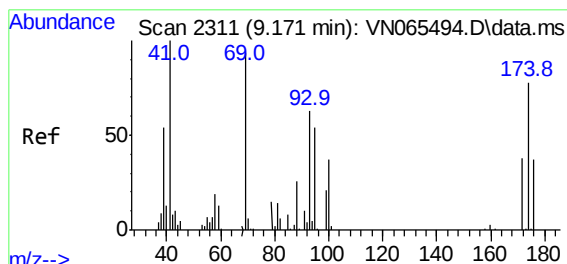
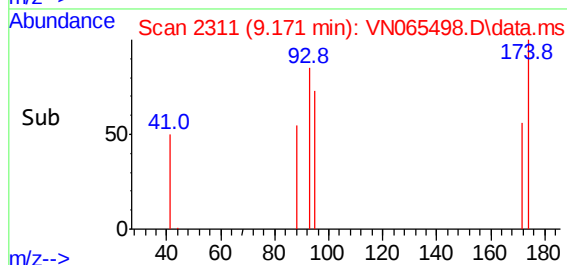
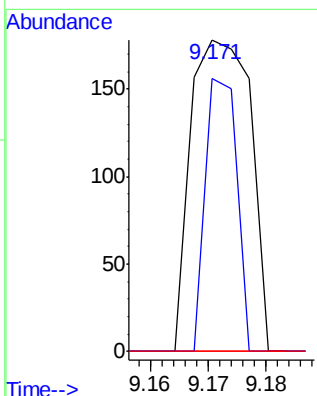
#45
1,4-Dioxane
Concen: 3.89 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Instrument :
MSVOA_N
ClientSampled :
IBLK



Tgt Ion: 88 Resp: 128

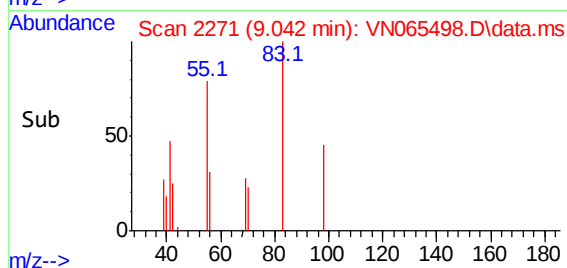
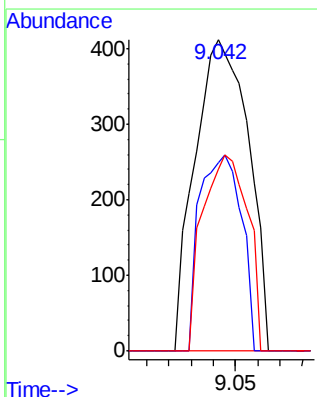
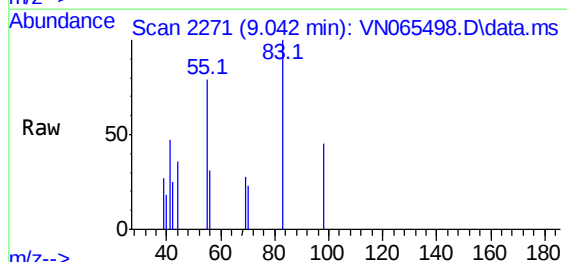
Ion	Ratio	Lower	Upper
88	100		
43	46.1	28.3	42.5#
58	0.0	53.8	80.6#

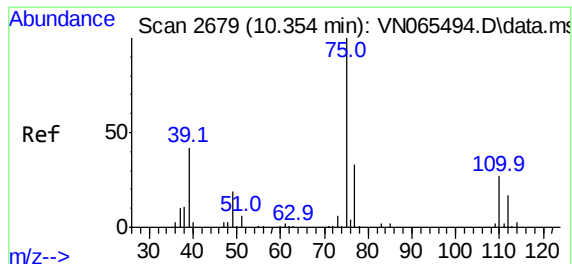


#46
Methyl methacrylate
Concen: 0.30 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. -0.128 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 41 Resp: 690

Ion	Ratio	Lower	Upper
41	100		
69	60.4	46.3	138.8
39	58.5	26.8	80.3

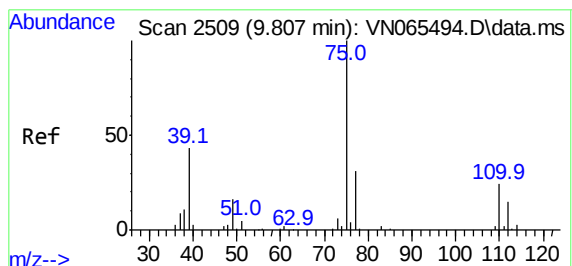
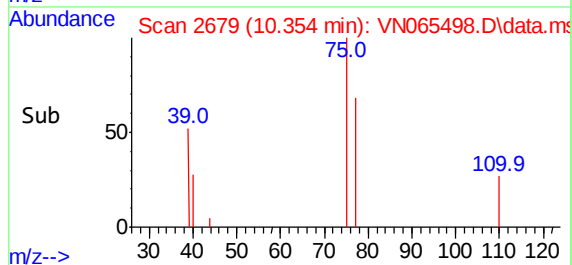
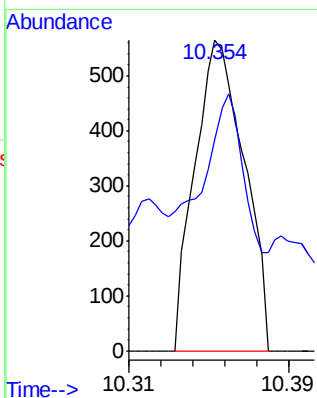
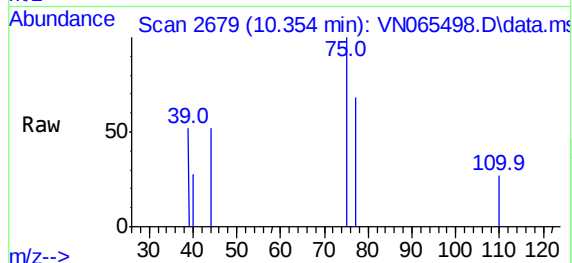




#48
t-1,3-Dichloropropene
Concen: 0.25 ug/l
RT: 10.354 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

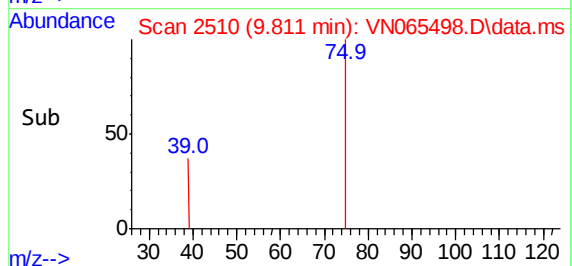
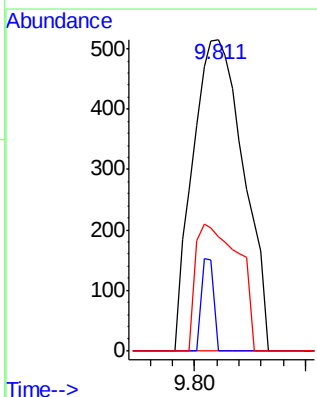
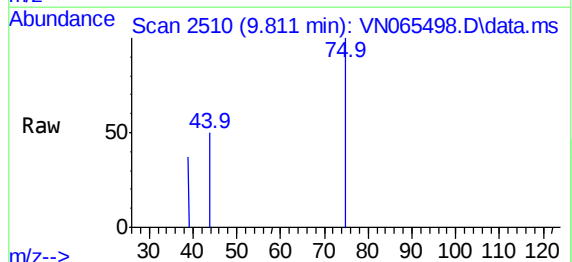
Instrument :
MSVOA_N
ClientSampled :
IBLK

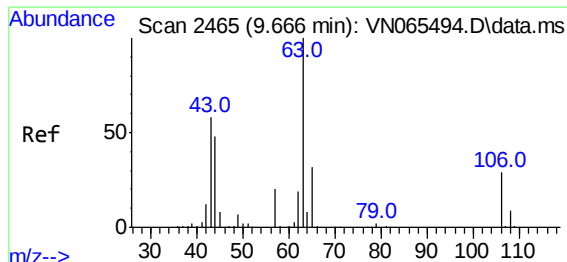
Tgt Ion: 75 Resp: 935
Ion Ratio Lower Upper
75 100
77 36.3 26.5 39.7



#49
cis-1,3-Dichloropropene
Concen: 0.20 ug/l
RT: 9.811 min Scan# 2510
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 75 Resp: 817
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 36.7 34.4 51.6

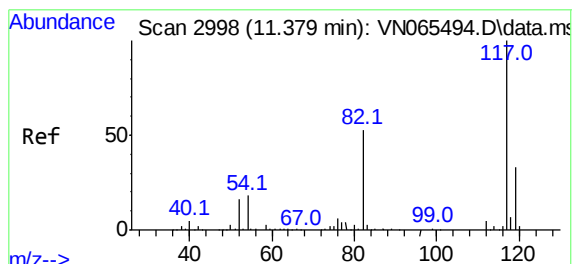
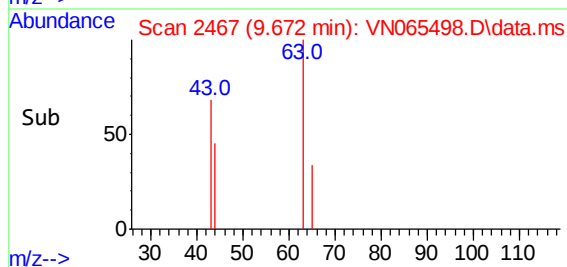
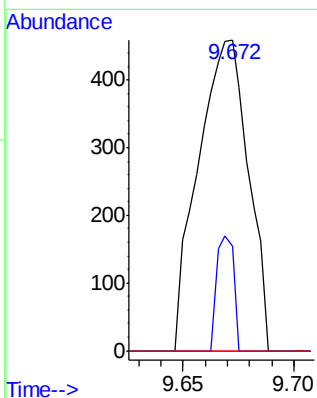
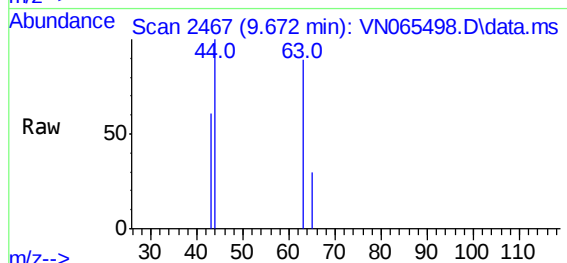




#55
2-Chloroethyl vinyl ether
Concen: 0.46 ug/l
RT: 9.672 min Scan# 2467
Delta R.T. 0.007 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

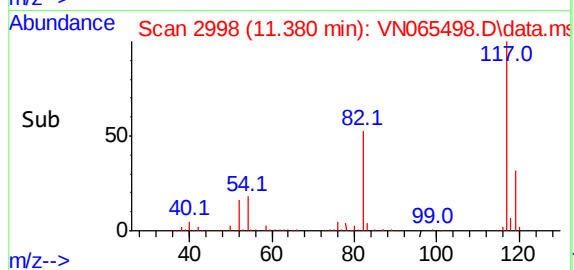
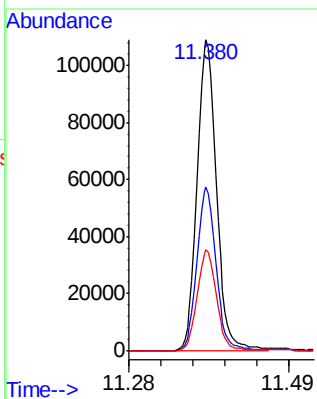
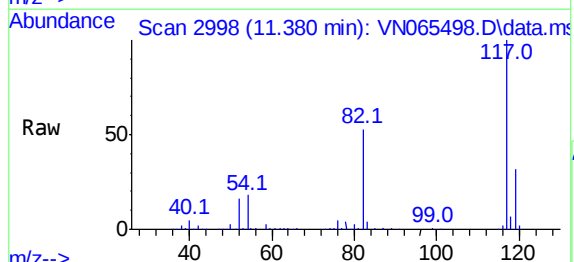
Instrument :
MSVOA_N
ClientSampleId :
IBLK

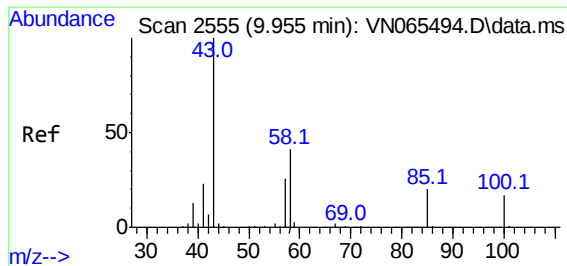
Tgt Ion: 63 Resp: 719
Ion Ratio Lower Upper
63 100
65 12.8 25.7 38.5#
106 0.0 23.1 34.7#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 117 Resp: 199197
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.1 25.7 38.5



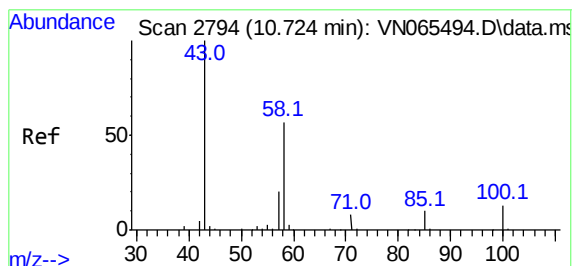
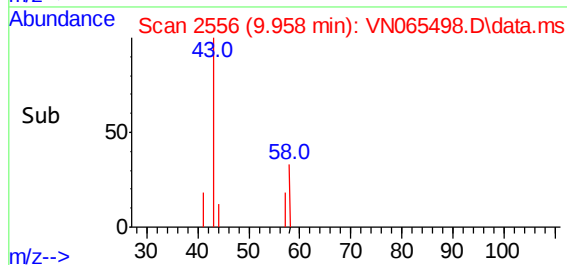
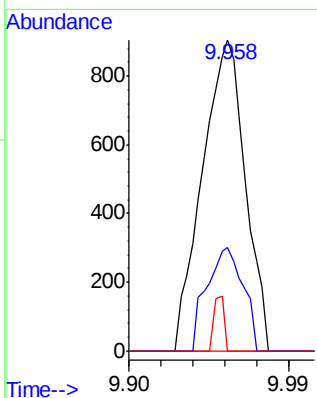
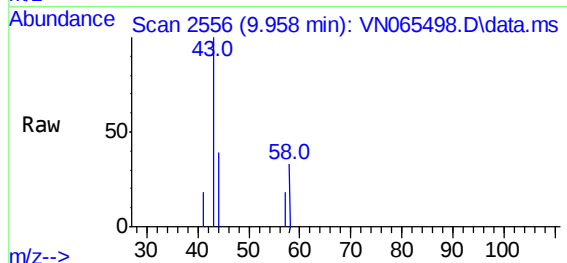


#58
 4-Methyl-2-Pentanone
 Concen: 0.56 ug/l
 RT: 9.958 min Scan# 2556
 Delta R.T. 0.003 min
 Lab File: VN065498.D
 Acq: 13 Jan 2021 19:58

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

Tgt Ion: 43 Resp: 1487

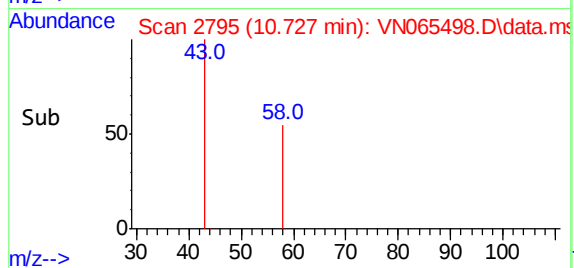
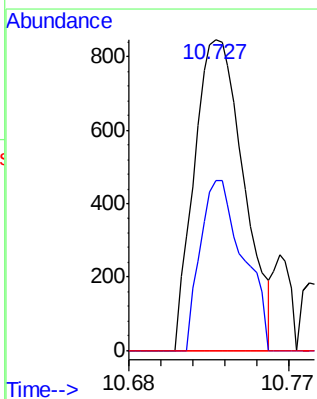
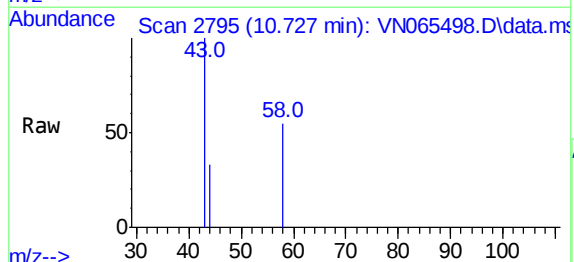
Ion	Ratio	Lower	Upper
43	100		
58	28.0	32.7	49.1#
85	4.0	16.0	24.0#

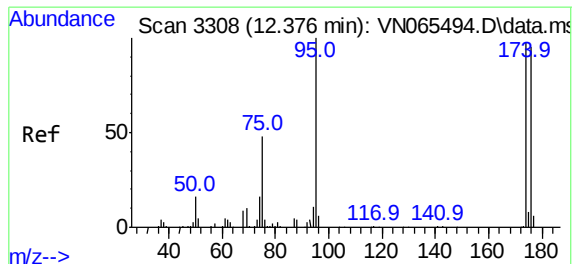


#59
 2-Hexanone
 Concen: 0.84 ug/l
 RT: 10.727 min Scan# 2795
 Delta R.T. 0.003 min
 Lab File: VN065498.D
 Acq: 13 Jan 2021 19:58

Tgt Ion: 43 Resp: 1599

Ion	Ratio	Lower	Upper
43	100		
58	47.6	45.4	68.0
57	0.0	15.8	23.8#

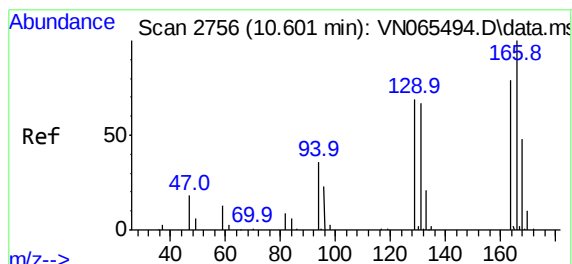
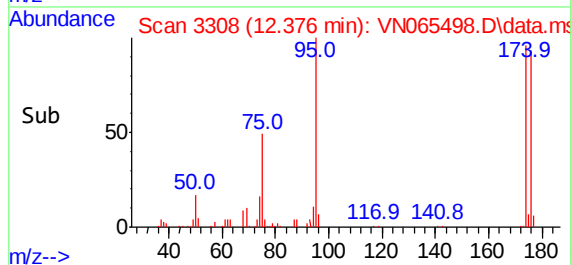
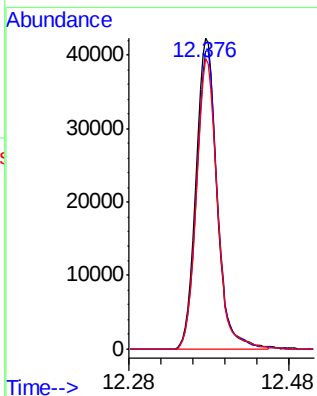
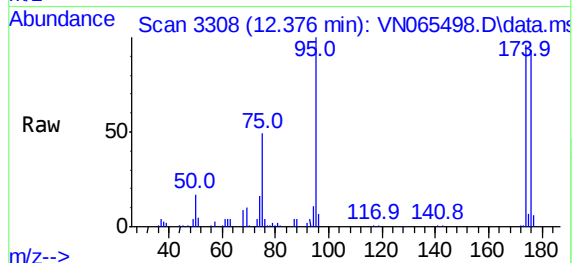




#60
4-Bromofluorobenzene
Concen: 25.69 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

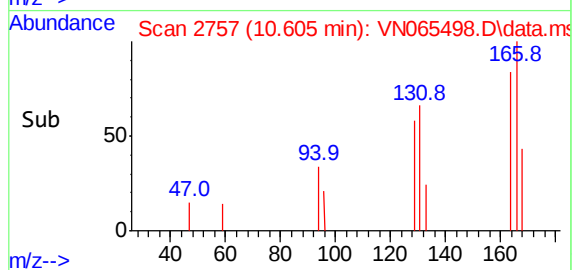
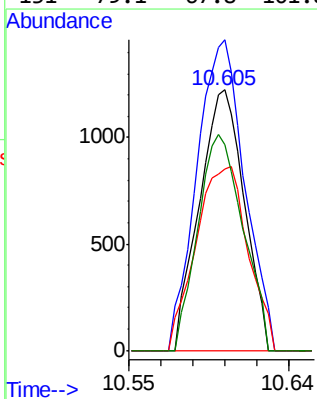
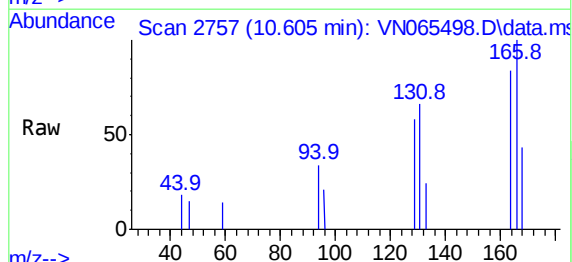
Instrument :
MSVOA_N
ClientSampled :
IBLK

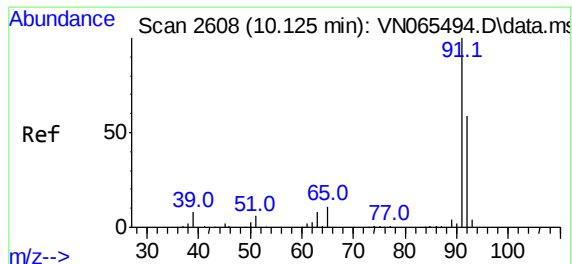
Tgt Ion: 95 Resp: 77502
Ion Ratio Lower Upper
95 100
174 96.6 77.0 115.6
176 93.5 75.8 113.6



#61
Tetrachloroethene
Concen: 0.62 ug/l
RT: 10.605 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 164 Resp: 1971
Ion Ratio Lower Upper
164 100
166 102.8 101.2 151.8
129 57.0 69.7 104.5#
131 79.1 67.8 101.8

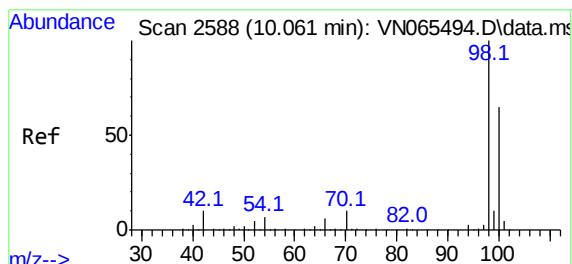
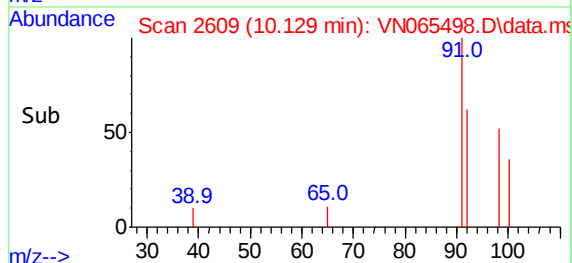
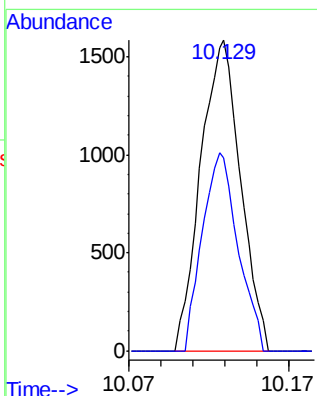
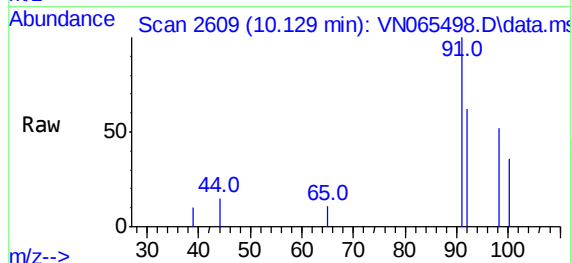




#62
Toluene
Concen: 0.28 ug/l
RT: 10.129 min Scan# 2609
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

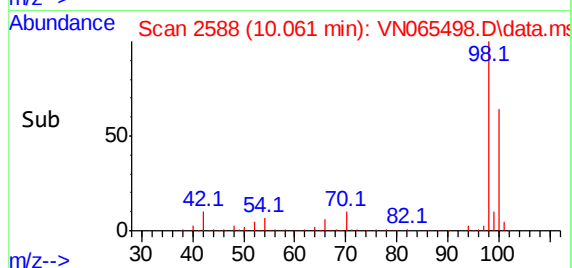
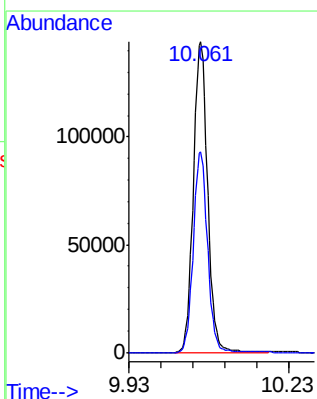
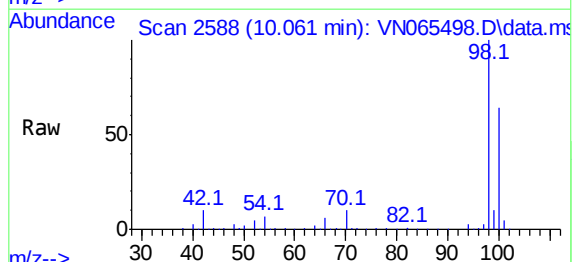
Instrument :
MSVOA_N
ClientSampled :
IBLK

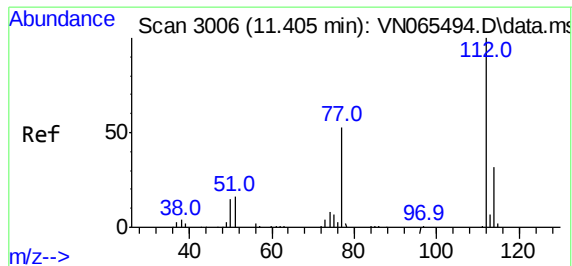
Tgt Ion: 91 Resp: 2885
Ion Ratio Lower Upper
91 100
92 57.2 46.2 69.4



#63
Toluene-d8
Concen: 30.67 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 98 Resp: 267423
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

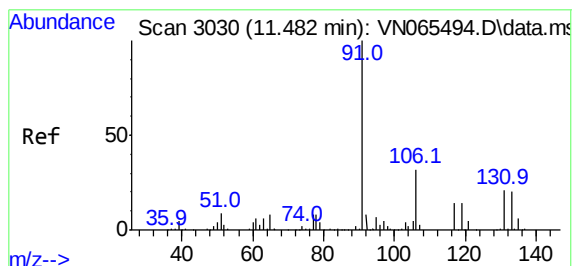
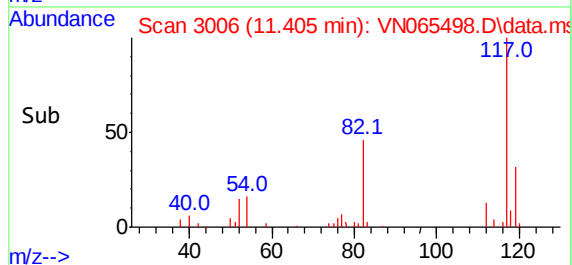
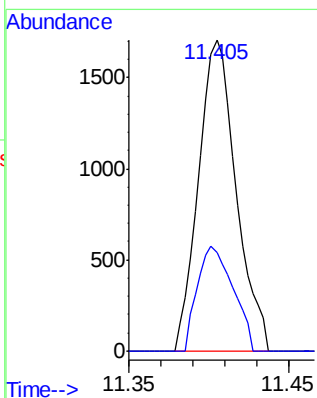
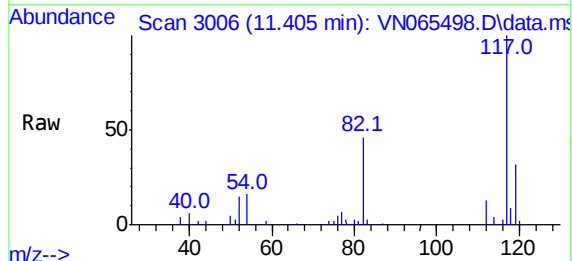




#64
Chlorobenzene
Concen: 0.40 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

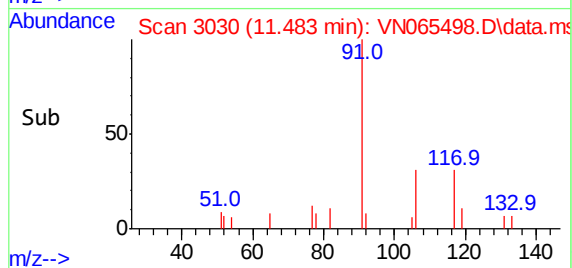
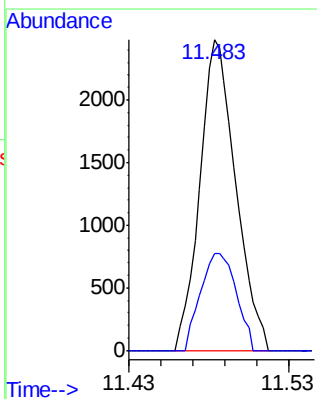
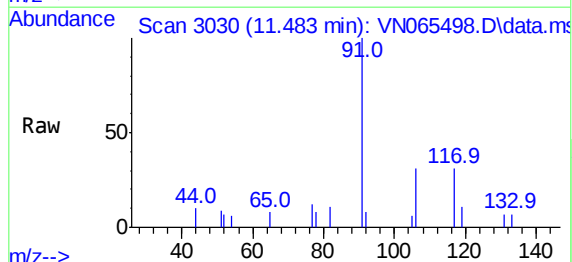
Instrument :
MSVOA_N
ClientSampleId :
IBLK

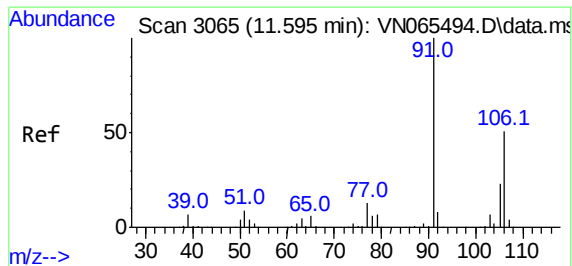
Tgt Ion: 112 Resp: 2721
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
Ethyl Benzene
Concen: 0.36 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 91 Resp: 4052
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

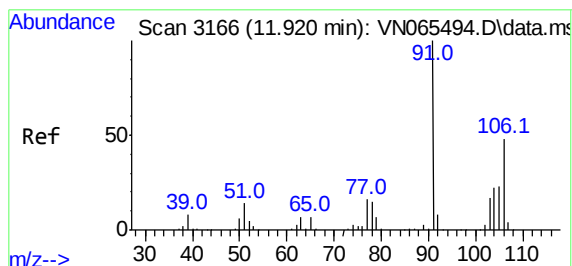
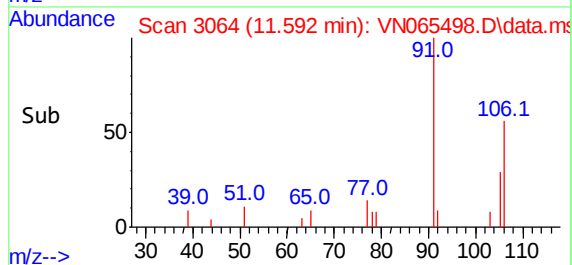
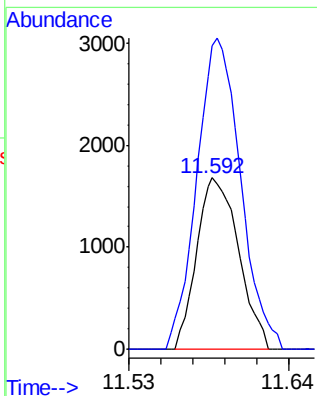
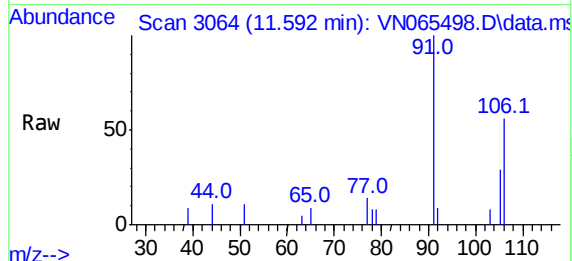




#67
m/p-Xylenes
Concen: 0.76 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

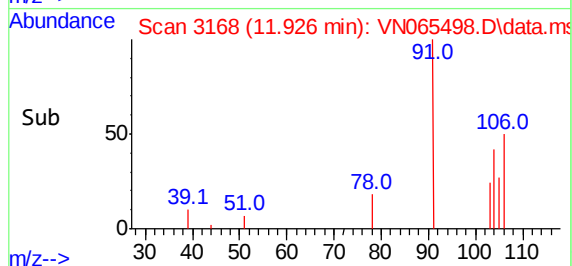
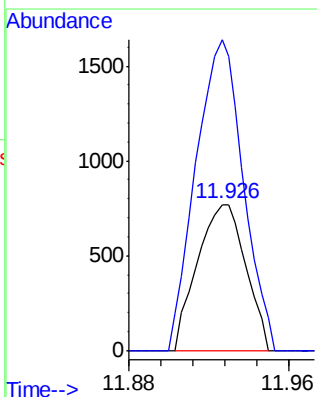
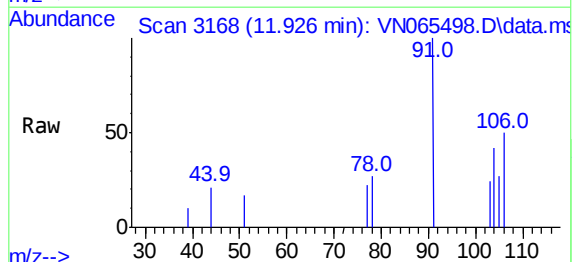
Instrument :
MSVOA_N
ClientSampled :
IBLK

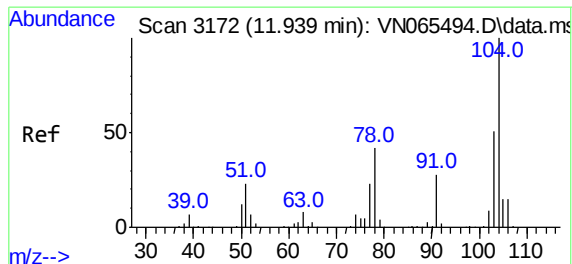
Tgt Ion:106 Resp: 3363
Ion Ratio Lower Upper
106 100
91 190.4 159.0 238.6



#68
o-Xylene
Concen: 0.29 ug/l
RT: 11.926 min Scan# 3168
Delta R.T. 0.007 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:106 Resp: 1245
Ion Ratio Lower Upper
106 100
91 209.1 104.7 313.9

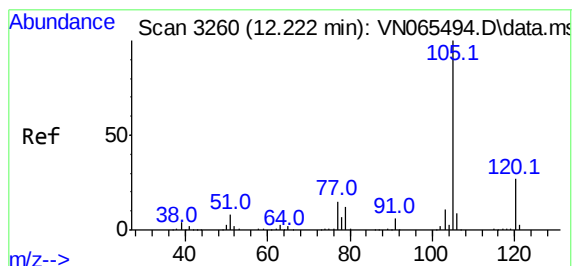
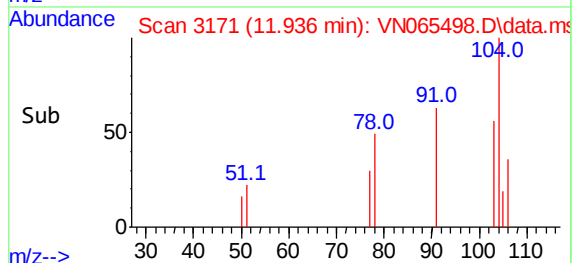
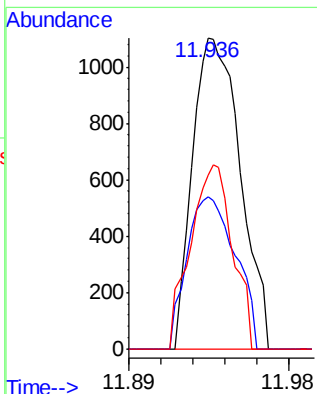
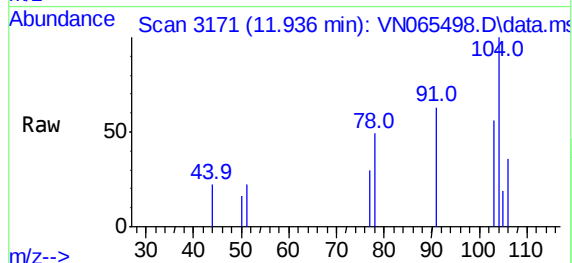




#69
Styrene
Concen: 0.30 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

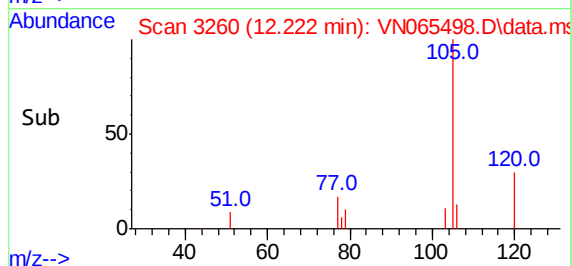
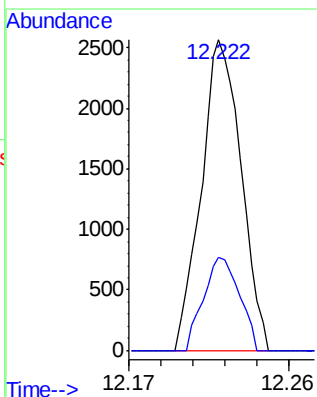
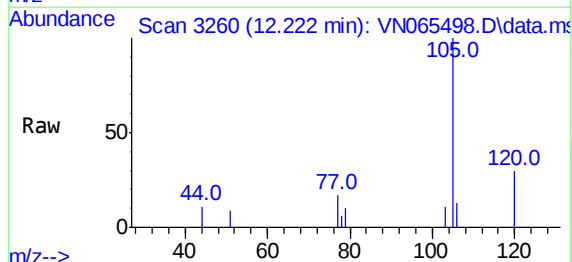
Instrument :
MSVOA_N
ClientSampleId :
IBLK

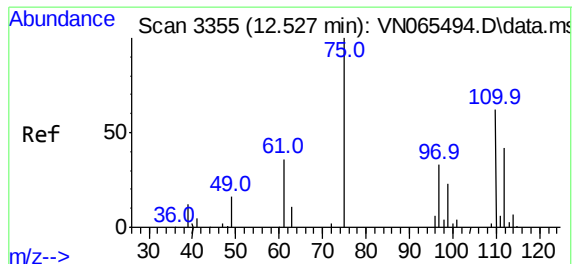
Tgt Ion:104 Resp: 2152
Ion Ratio Lower Upper
104 100
78 49.7 38.0 57.0
103 52.1 44.3 66.5



#70
Isopropylbenzene
Concen: 0.37 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:105 Resp: 4168
Ion Ratio Lower Upper
105 100
120 27.1 19.3 35.9

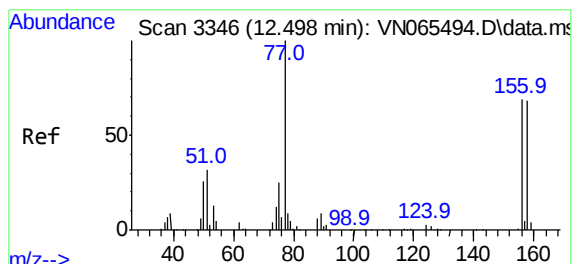
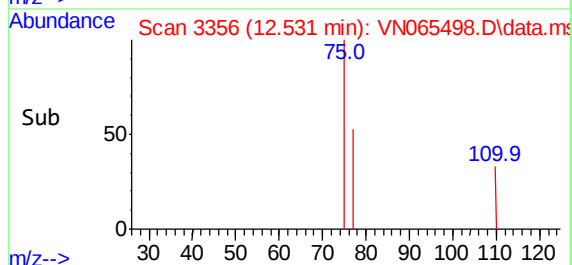
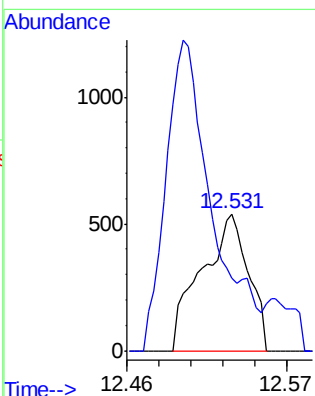
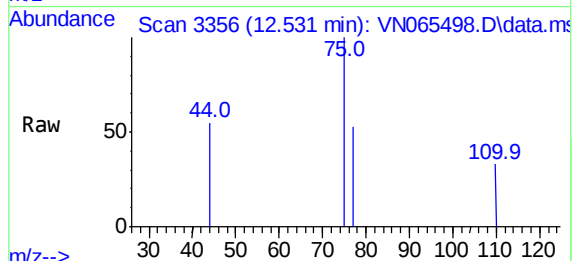




#72
1,2,3-Trichloropropane
Concen: 0.38 ug/l
RT: 12.531 min Scan# 3356
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

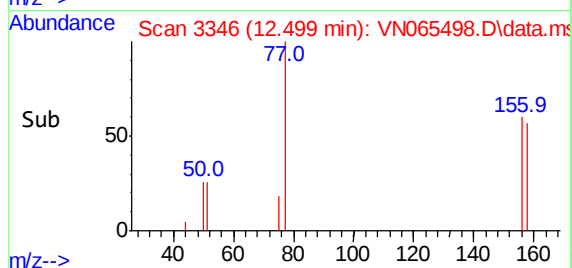
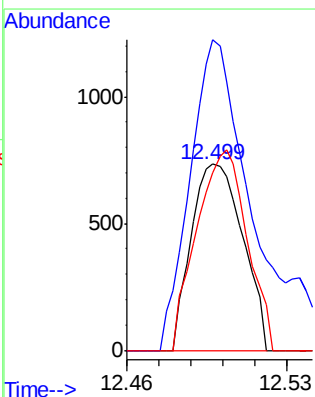
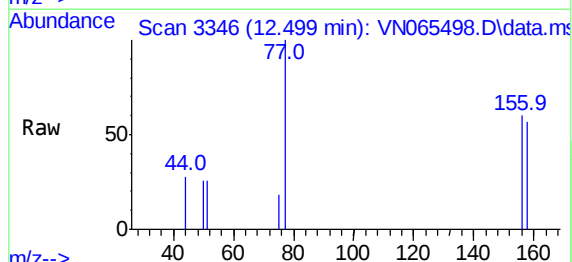
Instrument :
MSVOA_N
ClientSampled :
IBLK

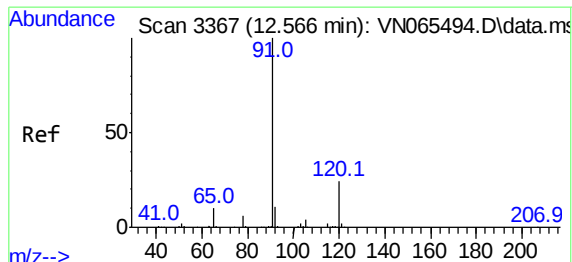
Tgt Ion: 75 Resp: 1149
Ion Ratio Lower Upper
75 100
77 3.7 0.0 366.4



#73
Bromobenzene
Concen: 0.39 ug/l
RT: 12.499 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:156 Resp: 1266
Ion Ratio Lower Upper
156 100
77 186.4 0.0 348.8
158 105.6 0.0 194.8

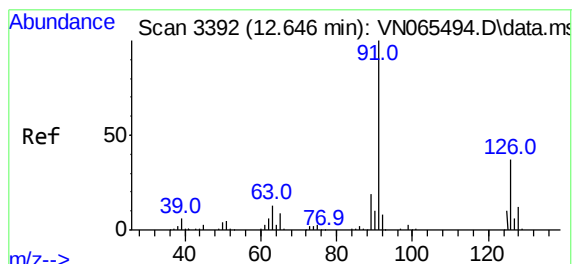
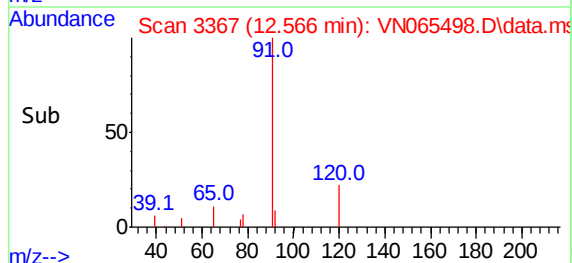
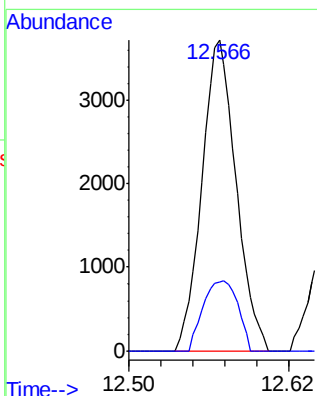
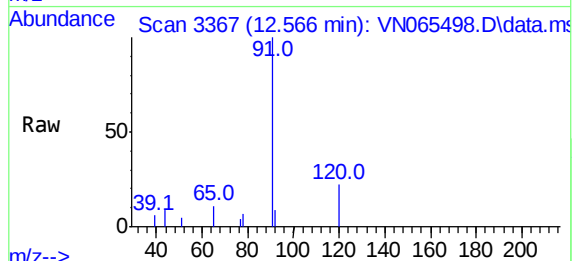




#74
n-propylbenzene
Concen: 0.51 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

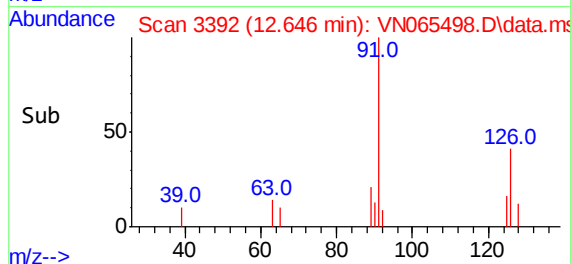
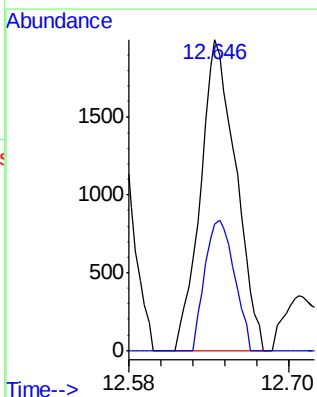
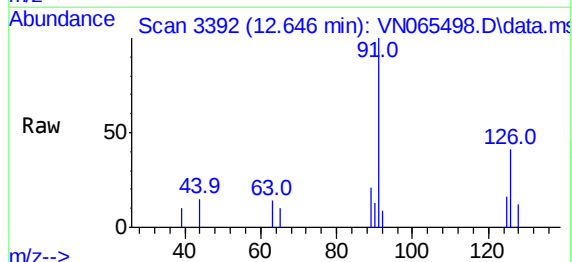
Instrument :
MSVOA_N
ClientSampled :
IBLK

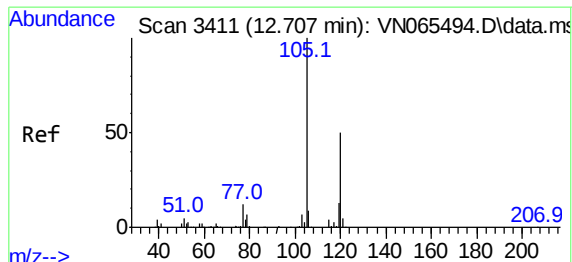
Tgt Ion: 91 Resp: 6392
Ion Ratio Lower Upper
91 100
120 22.7 0.0 49.4



#75
2-Chlorotoluene
Concen: 0.47 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

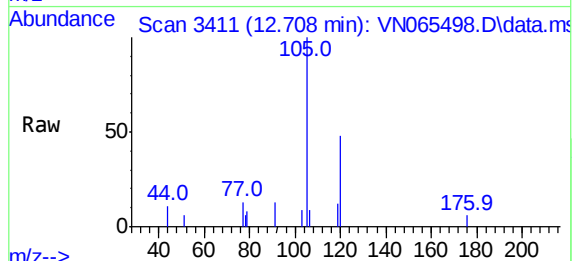
Tgt Ion: 91 Resp: 3545
Ion Ratio Lower Upper
91 100
126 34.8 0.0 74.2



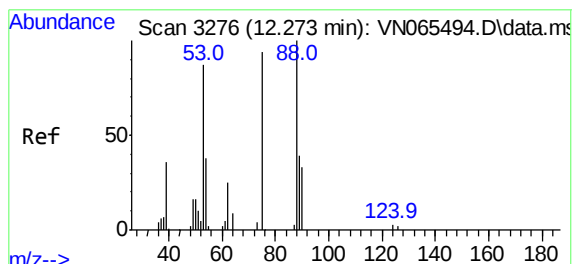
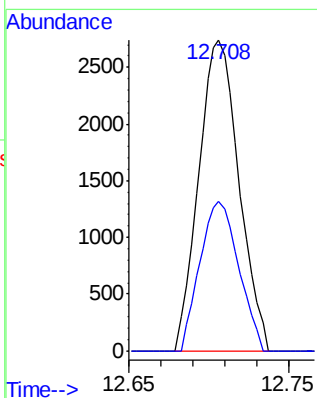
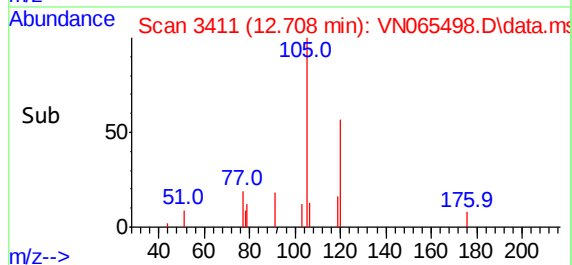


#76
1,3,5-Trimethylbenzene
Concen: 0.47 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

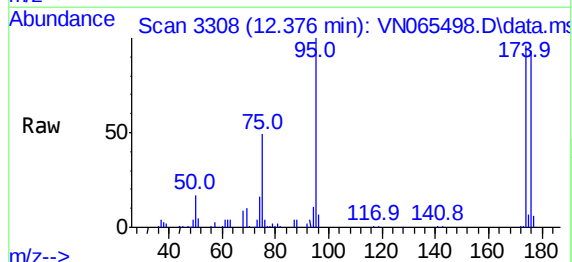
Instrument :
MSVOA_N
ClientSampleId :
IBLK



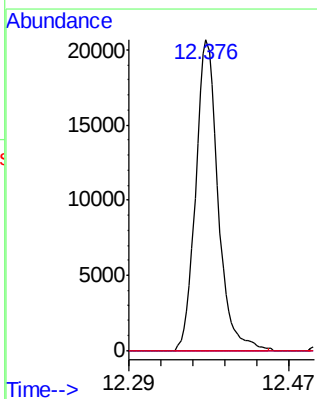
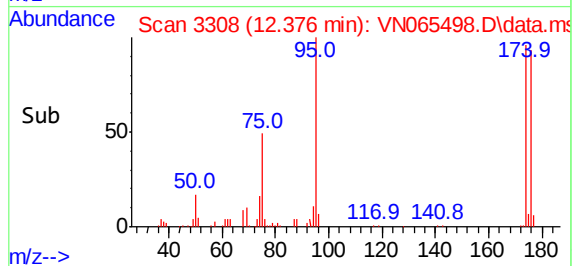
Tgt Ion:105 Resp: 4507
Ion Ratio Lower Upper
105 100
120 46.3 0.0 101.6

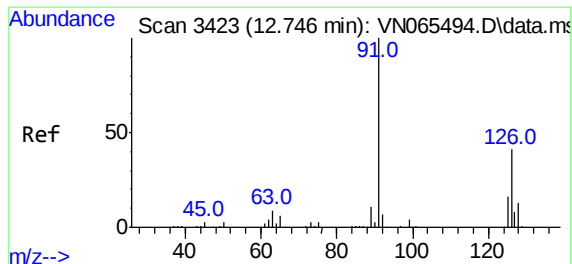


#77
t-1,4-Dichloro-2-butene
Concen: 34.31 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58



Tgt Ion: 75 Resp: 36577
Ion Ratio Lower Upper
75 100
53 0.0 44.9 134.5#
89 0.0 21.3 64.0#

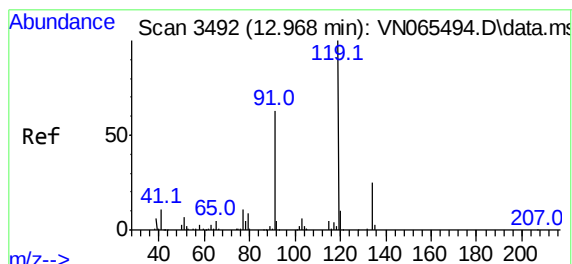
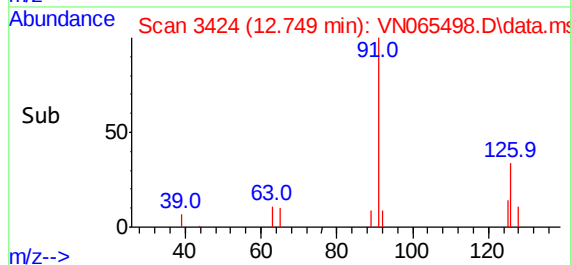
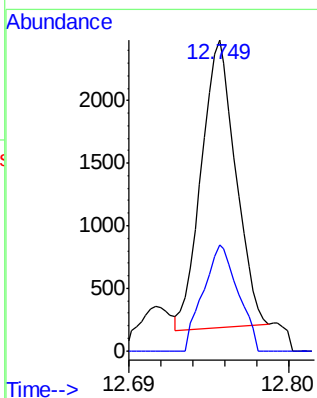
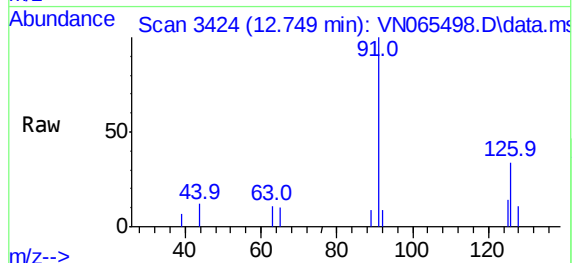




#78
4-Chlorotoluene
Concen: 0.47 ug/l
RT: 12.749 min Scan# 3424
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

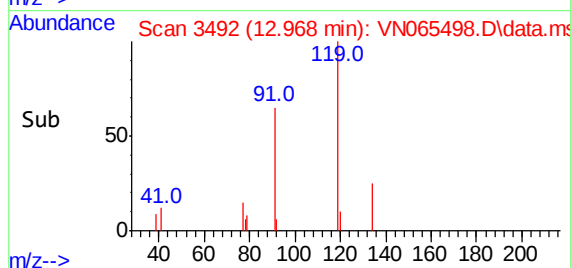
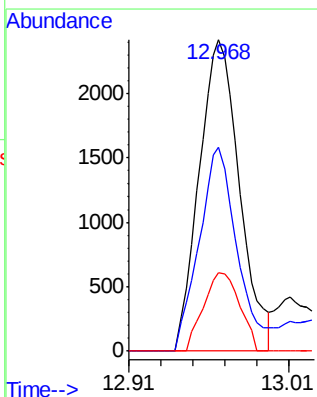
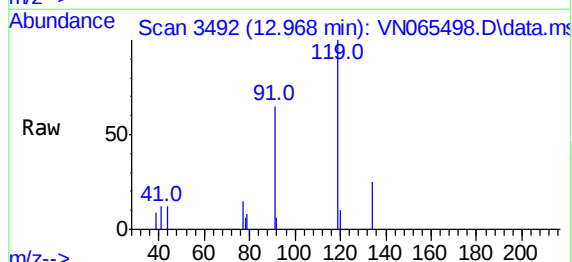
Instrument :
MSVOA_N
ClientSampleId :
IBLK

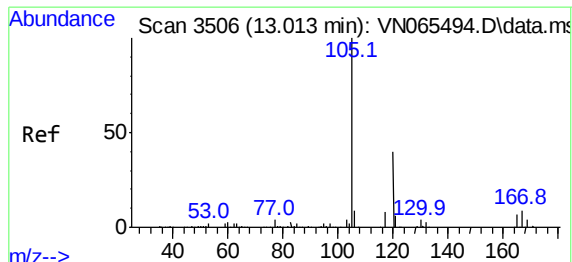
Tgt Ion: 91 Resp: 3589
Ion Ratio Lower Upper
91 100
126 37.4 0.0 71.4



#79
tert-butylbenzene
Concen: 0.48 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 119 Resp: 3988
Ion Ratio Lower Upper
119 100
91 61.2 0.0 126.0
134 22.4 0.0 51.2

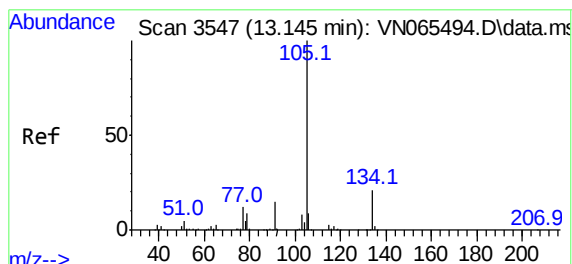
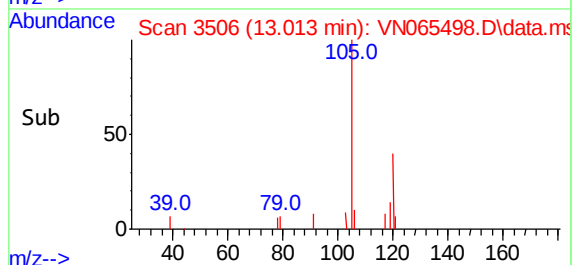
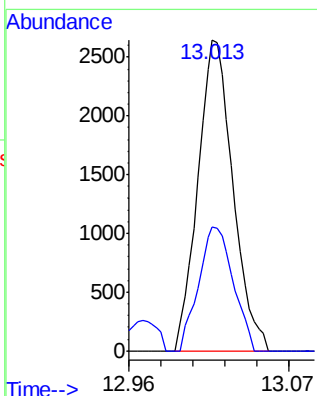
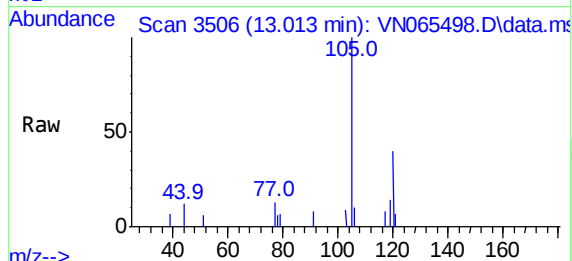




#80
1,2,4-Trimethylbenzene
Concen: 0.46 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

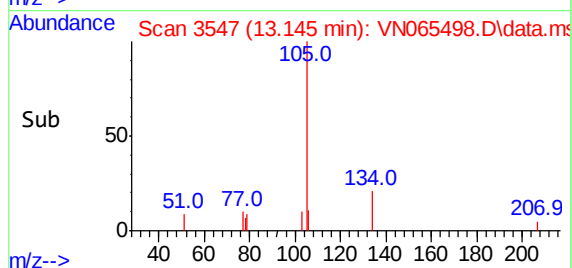
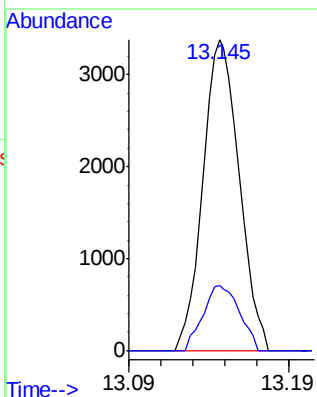
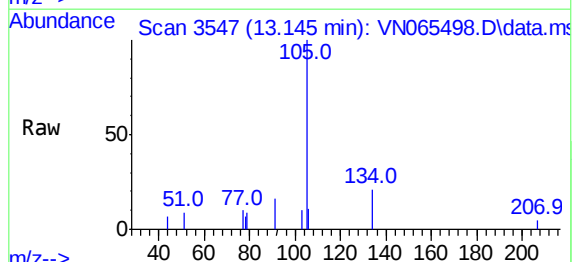
Instrument :
MSVOA_N
ClientSampled :
IBLK

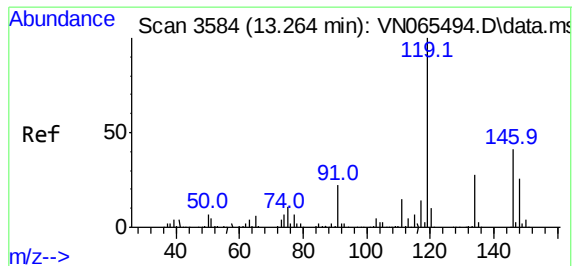
Tgt Ion:105 Resp: 4444
Ion Ratio Lower Upper
105 100
120 39.4 0.0 93.6



#81
sec-Butylbenzene
Concen: 0.52 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:105 Resp: 5576
Ion Ratio Lower Upper
105 100
134 21.0 0.0 42.2

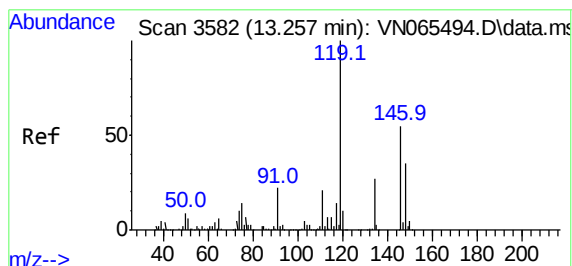
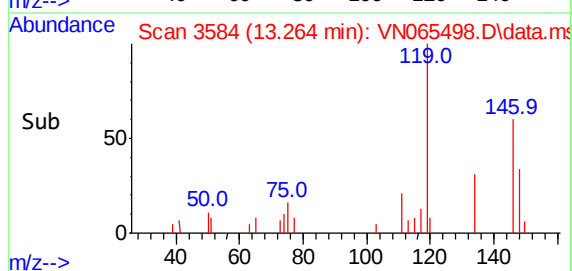
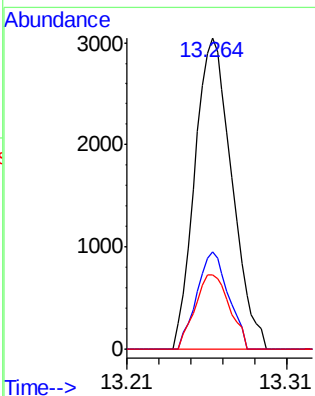
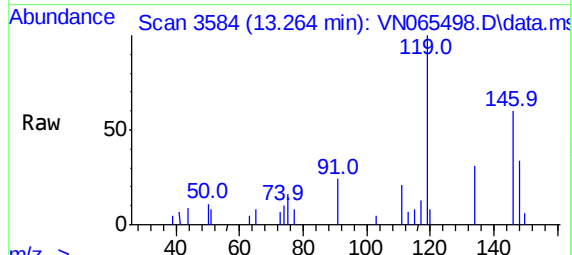




#82
p-Isopropyltoluene
Concen: 0.51 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

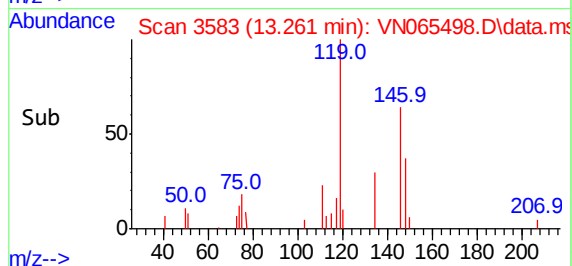
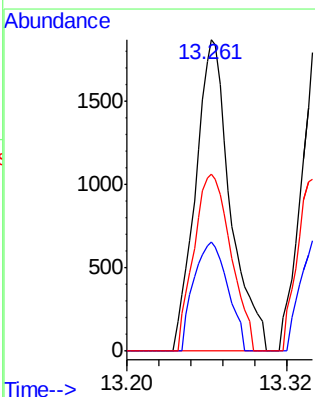
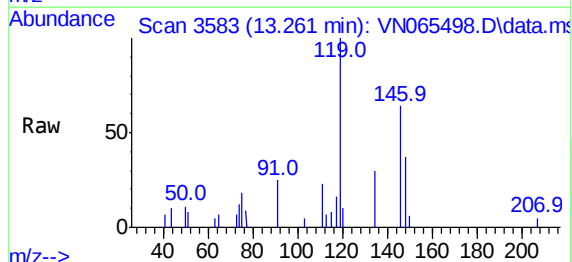
Instrument :
MSVOA_N
ClientSampleId :
IBLK

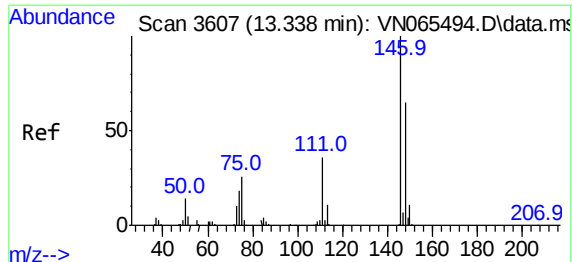
Tgt Ion:119 Resp: 5139
Ion Ratio Lower Upper
119 100
134 26.5 0.0 54.8
91 22.1 0.0 44.8



#83
1,3-Dichlorobenzene
Concen: 0.64 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:146 Resp: 3424
Ion Ratio Lower Upper
146 100
111 34.1 18.6 55.8
148 60.2 32.0 96.2

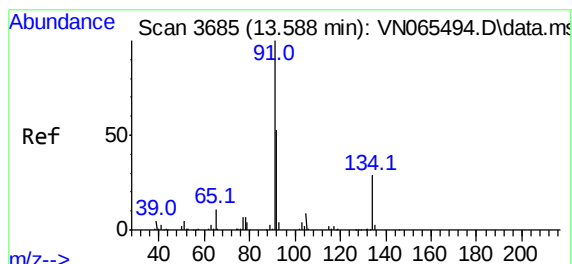
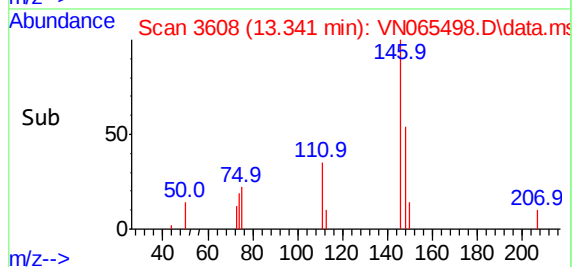
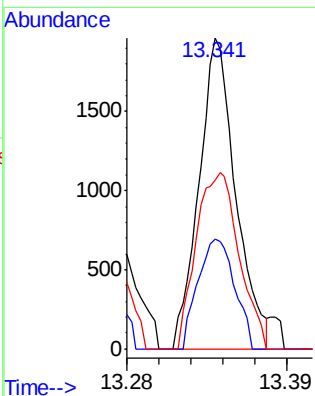
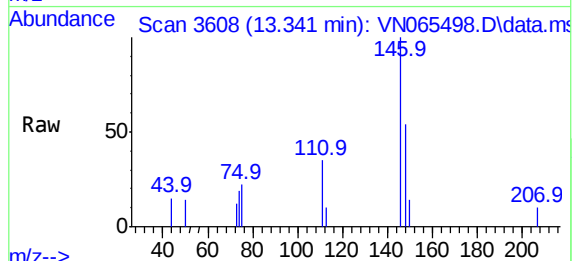




#84
1,4-Dichlorobenzene
Concen: 0.67 ug/l
RT: 13.341 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

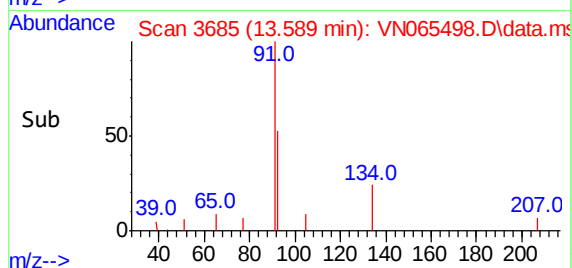
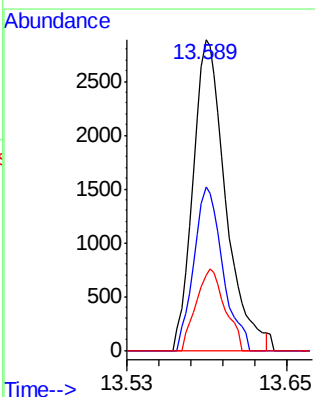
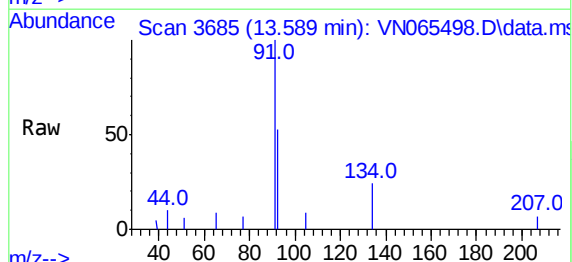
Instrument :
MSVOA_N
ClientSampleId :
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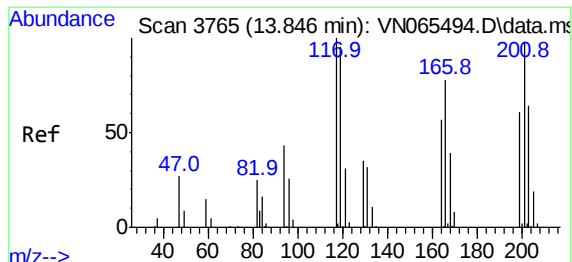
Tgt Ion:146 Resp: 3464
Ion Ratio Lower Upper
146 100
111 35.4 17.9 53.7
148 66.2 31.8 95.4



#85
n-Butylbenzene
Concen: 0.66 ug/l
RT: 13.589 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 91 Resp: 5176
Ion Ratio Lower Upper
91 100
92 46.6 0.0 104.8
134 23.2 0.0 55.8

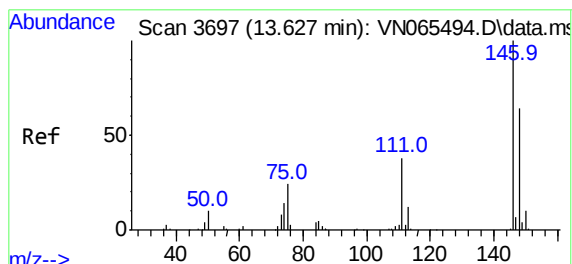
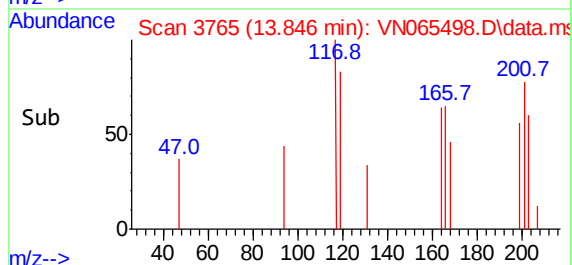
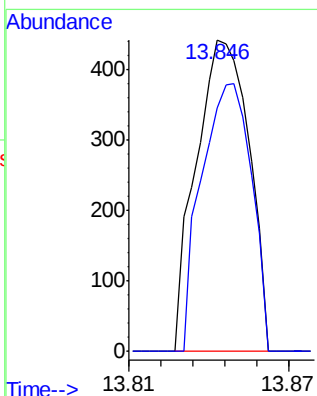
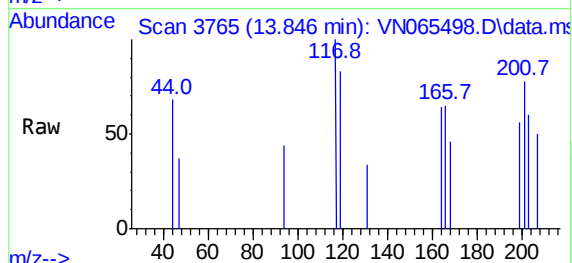




#86
Hexachloroethane
Concen: 0.37 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

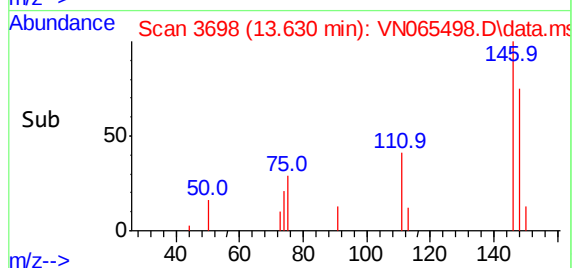
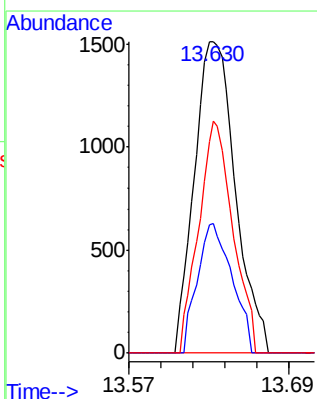
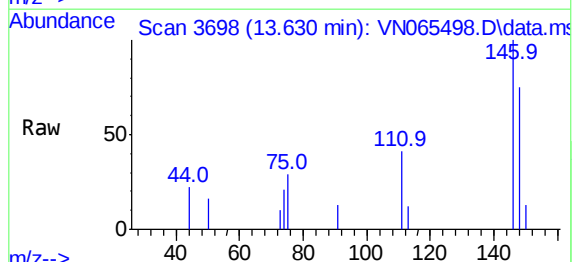
Instrument :
MSVOA_N
ClientSampleId :
IBLK

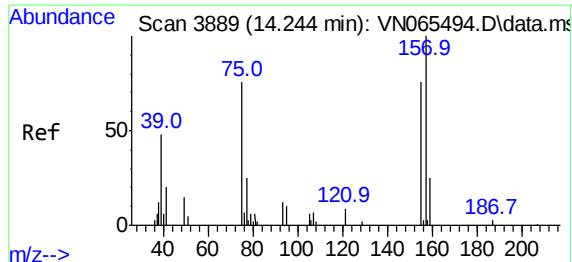
Tgt Ion:117 Resp: 616
Ion Ratio Lower Upper
117 100
201 80.7 48.4 145.3



#87
1,2-Dichlorobenzene
Concen: 0.63 ug/l
RT: 13.630 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:146 Resp: 3281
Ion Ratio Lower Upper
146 100
111 34.9 18.9 56.9
148 61.9 32.3 96.8

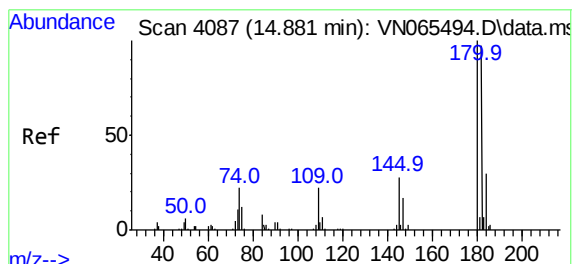
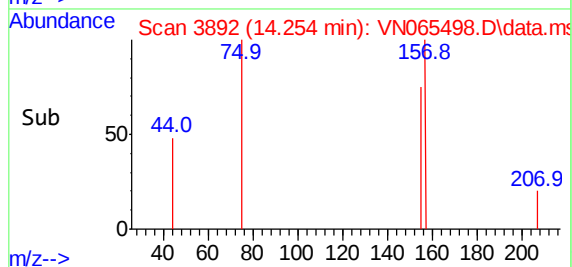
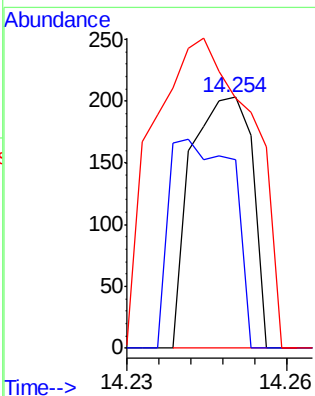
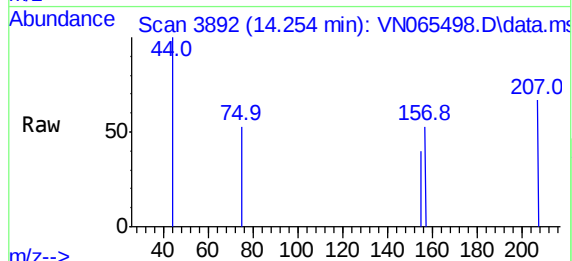




#88
1,2-Dibromo-3-Chloropropane
Concen: 0.31 ug/l
RT: 14.254 min Scan# 3892
Delta R.T. 0.010 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

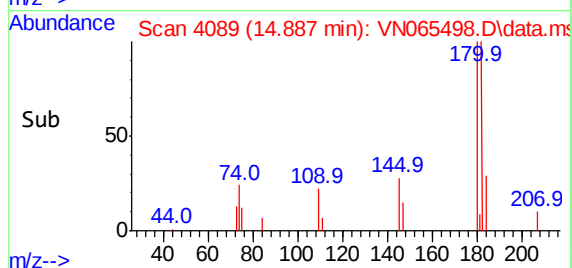
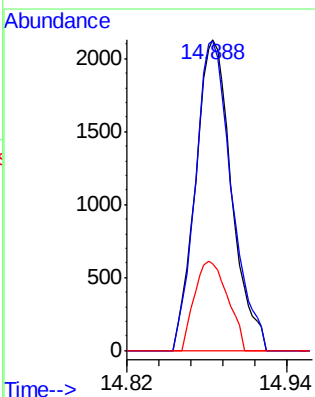
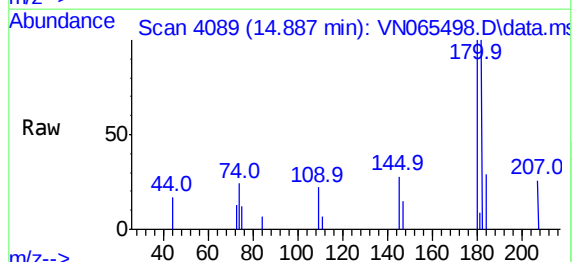
Instrument :
MSVOA_N
ClientSampled :
IBLK

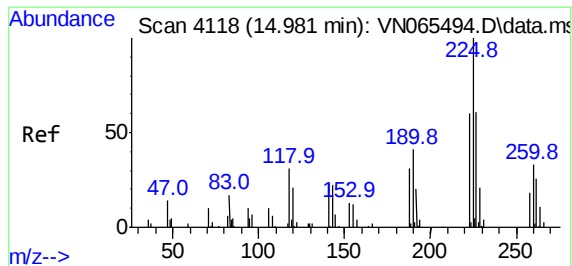
Tgt Ion: 75 Resp: 176
Ion Ratio Lower Upper
75 100
155 53.4 76.9 115.3#
157 201.7 105.8 158.8#



#89
1,2,4-Trichlorobenzene
Concen: 8.72 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion: 180 Resp: 3857
Ion Ratio Lower Upper
180 100
182 100.3 78.5 117.7
145 26.4 23.8 35.6

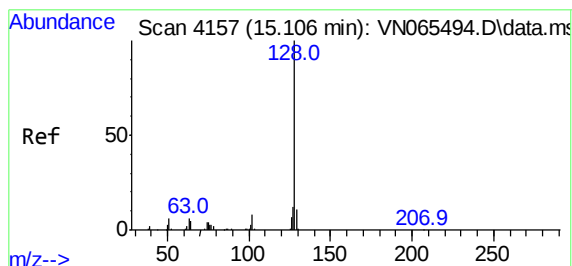
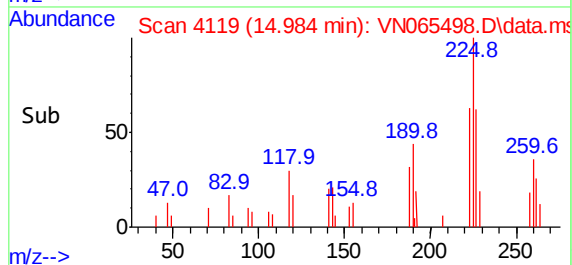
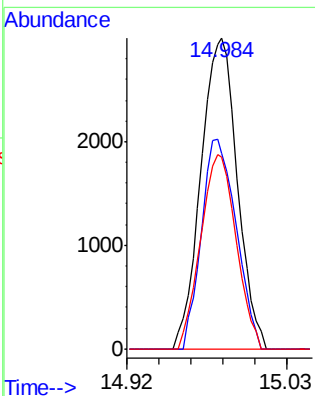
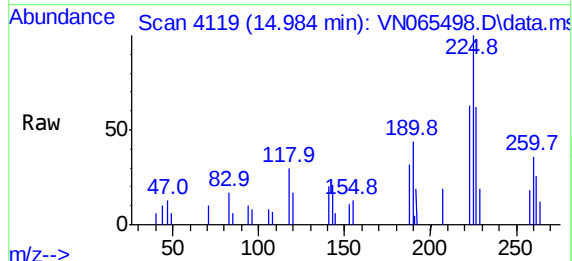




#90
Hexachlorobutadiene
Concen: 2.71 ug/l
RT: 14.984 min Scan# 4119
Delta R.T. 0.003 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

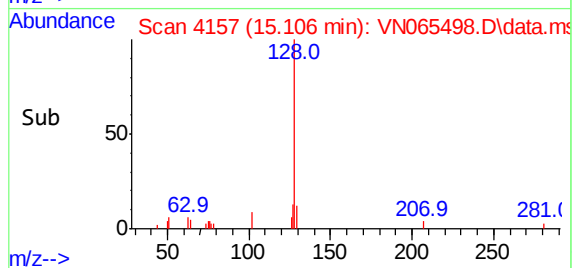
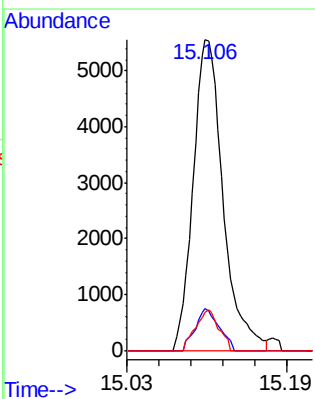
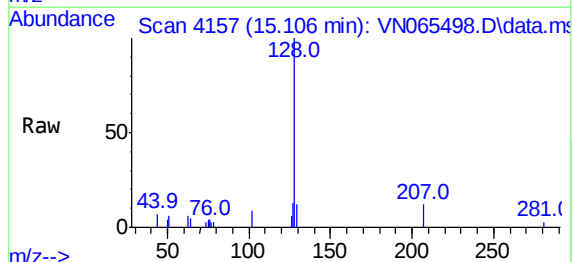
Instrument :
MSVOA_N
ClientSampled :
IBLK

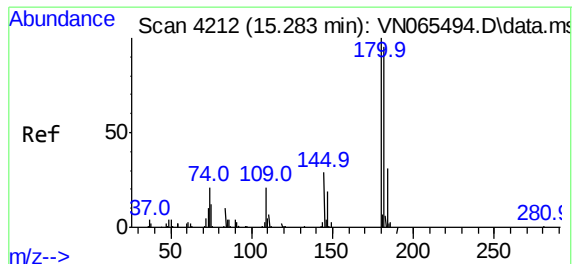
Tgt Ion:225 Resp: 4977
Ion Ratio Lower Upper
225 100
223 64.4 0.0 122.0
227 60.8 0.0 126.4



#91
Naphthalene
Concen: 10.23 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.000 min
Lab File: VN065498.D
Acq: 13 Jan 2021 19:58

Tgt Ion:128 Resp: 11522
Ion Ratio Lower Upper
128 100
127 10.7 10.1 15.1
129 10.2 8.6 12.8





#92
 1,2,3-Trichlorobenzene
 Concen: 1.91 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.003 min
 Lab File: VN065498.D
 Acq: 13 Jan 2021 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 5071

Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	190.4
145	25.8	0.0	57.8

