

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065902.D
 Acq On : 17 Feb 2021 15:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 18 01:45:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	179672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	298371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	268536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	95981	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	114653	45.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.26%
35) Dibromofluoromethane	7.550	113	89030	48.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.42%
50) Toluene-d8	10.058	98	373854	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%
62) 4-Bromofluorobenzene	12.373	95	123138	43.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.54%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	820	0.35	ug/l	93
4) Vinyl Chloride	2.181	62	672	0.23	ug/l	98
5) Bromomethane	2.544	94	923	0.52	ug/l #	68
7) Trichlorofluoromethane	2.997	101	847	0.23	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.721	101	685	0.36	ug/l #	52
10) Methyl Iodide	3.917	142	749	0.25	ug/l #	74
12) 1,1-Dichloroethene	3.692	96	426	0.21	ug/l #	60
13) Acrolein	3.576	56	535	1.67	ug/l	92
15) Acrylonitrile	4.952	53	247	0.25	ug/l #	6
17) Carbon Disulfide	4.013	76	6955	1.21	ug/l #	94
21) trans-1,2-Dichloroethene	5.004	96	481	0.23	ug/l	88
25) 2-Butanone	6.820	43	249	0.20	ug/l #	46
29) Tetrahydrofuran	7.187	42	198	0.23	ug/l #	32
31) Cyclohexane	7.627	56	4934	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.749	75	1221	0.42	ug/l #	58
38) Carbon Tetrachloride	7.624	117	17665	6.46	ug/l #	17
39) Methylcyclohexane	9.045	83	1712	0.52	ug/l	94
44) Trichloroethene	8.801	130	886	0.40	ug/l	70
51) 4-Methyl-2-Pentanone	9.958	43	1719	0.67	ug/l #	76
52) Toluene	10.122	92	1352	0.24	ug/l	94
53) t-1,3-Dichloropropene	10.357	75	677	2.16	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.666	63	626	0.42	ug/l #	47
59) 2-Hexanone	10.730	43	1759	0.96	ug/l	83
64) Tetrachloroethene	10.605	164	1048	0.51	ug/l	94
65) Chlorobenzene	11.399	112	1896	0.34	ug/l	93
67) Ethyl Benzene	11.482	91	3326	0.33	ug/l	99
68) m/p-Xylenes	11.589	106	2683	0.71	ug/l	93
69) o-Xylene	11.920	106	842	0.23	ug/l	66
70) Styrene	11.939	104	2155	0.36	ug/l	89
71) Bromoform	12.093	173	61	2.54	ug/l #	29
73) Isopropylbenzene	12.222	105	3886	0.50	ug/l	91
74) N-amyl acetate	12.048	43	623	0.23	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.476	83	747	0.32	ug/l #	94
76) 1,2,3-Trichloropropane	12.373	75	58933	25.56	ug/l #	100
77) Bromobenzene	12.492	156	932	0.52	ug/l	62
78) n-propylbenzene	12.563	91	5690	0.64	ug/l	95

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Instrument :
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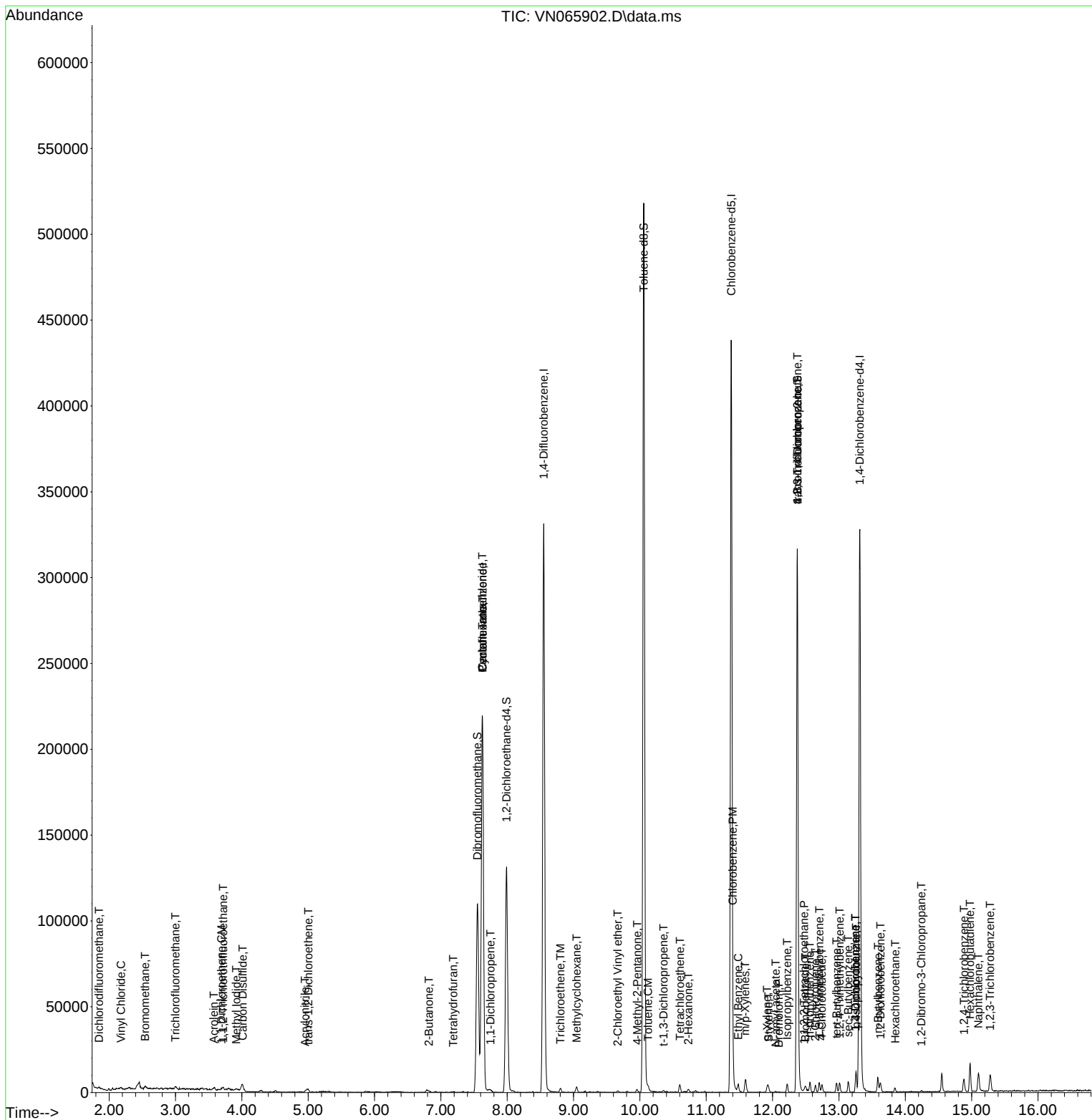
Quant Time: Feb 18 01:45:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
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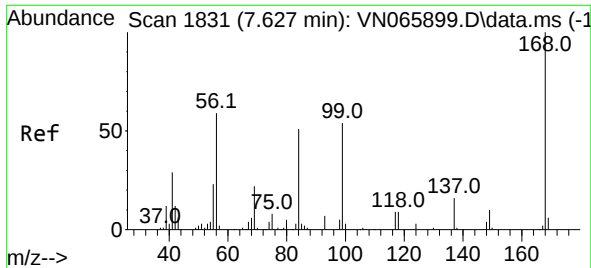
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.643	91	3300	0.59	ug/l	92
80) 1,3,5-Trimethylbenzene	12.704	105	3724	0.56	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	58933	81.46	ug/l #	12
82) 4-Chlorotoluene	12.743	91	3860	0.68	ug/l	89
83) tert-Butylbenzene	12.965	119	3226	0.59	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	4006	0.60	ug/l	91
85) sec-Butylbenzene	13.142	105	5274	0.74	ug/l	94
86) p-Isopropyltoluene	13.260	119	5043	0.78	ug/l	94
87) 1,3-Dichlorobenzene	13.251	146	2843	0.90	ug/l	99
88) 1,4-Dichlorobenzene	13.251	146	2843	0.88	ug/l	98
89) n-Butylbenzene	13.588	91	6220	1.14	ug/l	93
90) Hexachloroethane	13.849	117	542	0.49	ug/l #	44
91) 1,2-Dichlorobenzene	13.627	146	2817	0.89	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.241	75	172	1.22	ug/l #	53
93) 1,2,4-Trichlorobenzene	14.884	180	3121	4.19	ug/l	93
94) Hexachlorobutadiene	14.977	225	3209	4.35	ug/l	99
95) Naphthalene	15.103	128	11600	5.01	ug/l	96
96) 1,2,3-Trichlorobenzene	15.280	180	4594	4.73	ug/l	93

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

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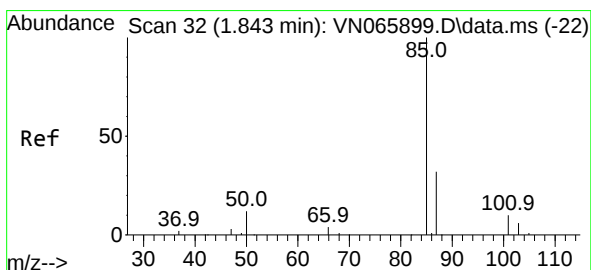
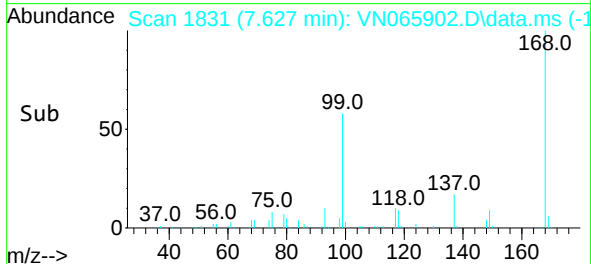
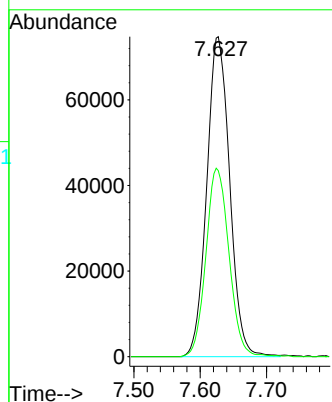
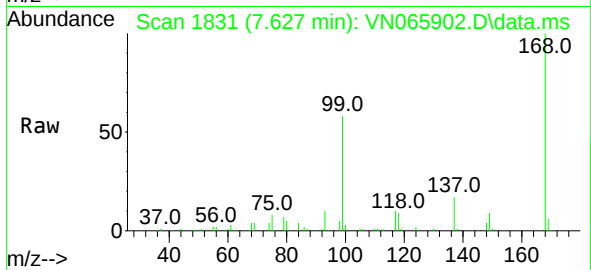




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

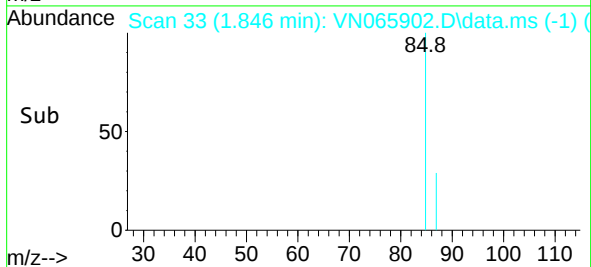
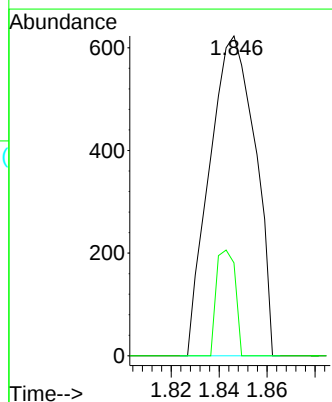
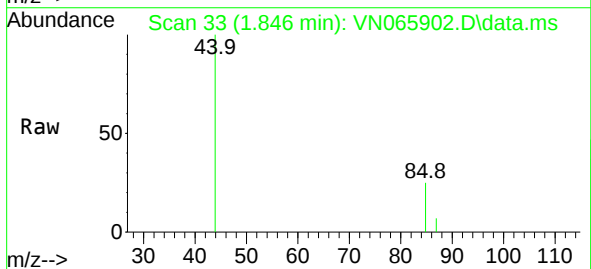
Instrument :
MSVOA_N
ClientSampleId :
IBLK

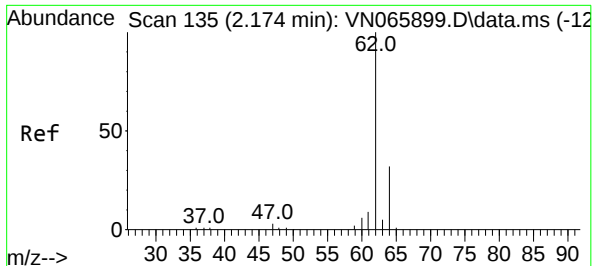
Tgt Ion:168 Resp: 179672
Ion Ratio Lower Upper
168 100
99 58.2 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 0.35 ug/l
RT: 1.846 min Scan# 33
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 85 Resp: 820
Ion Ratio Lower Upper
85 100
87 29.1 16.6 49.8

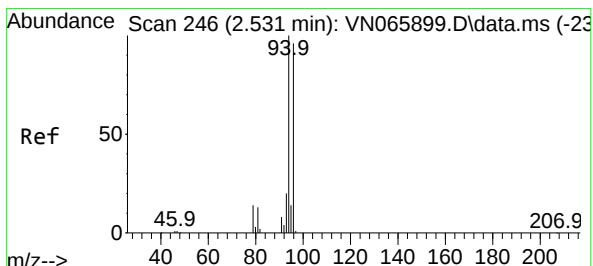
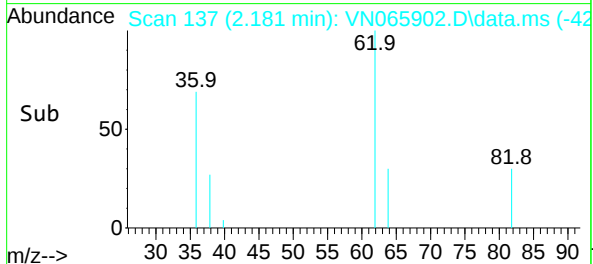
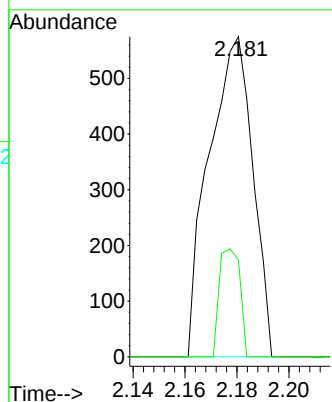
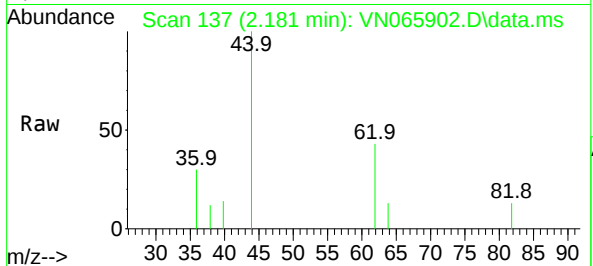




#4
 Vinyl Chloride
 Concen: 0.23 ug/l
 RT: 2.181 min Scan# 137
 Delta R.T. 0.007 min
 Lab File: VN065902.D
 Acq: 17 Feb 2021 15:46

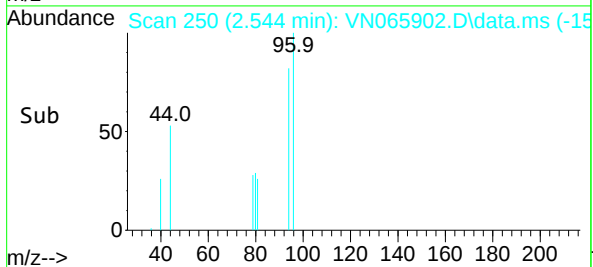
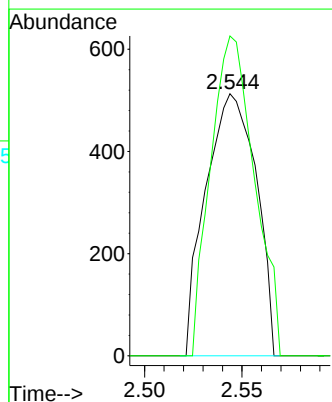
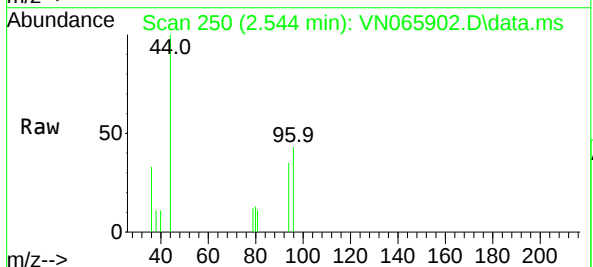
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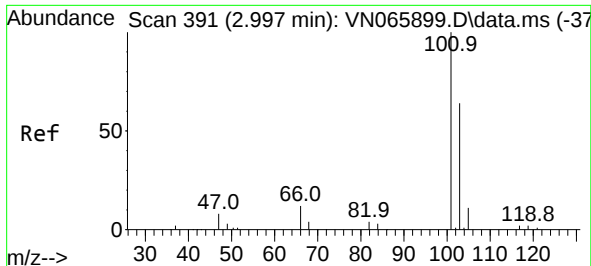
Tgt Ion: 62 Resp: 672
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.1 37.7



#5
 Bromomethane
 Concen: 0.52 ug/l
 RT: 2.544 min Scan# 250
 Delta R.T. 0.013 min
 Lab File: VN065902.D
 Acq: 17 Feb 2021 15:46

Tgt Ion: 94 Resp: 923
 Ion Ratio Lower Upper
 94 100
 96 122.0 73.0 109.4#

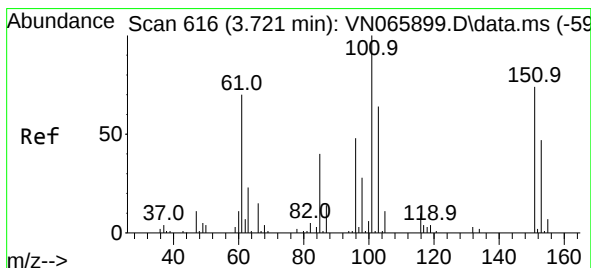
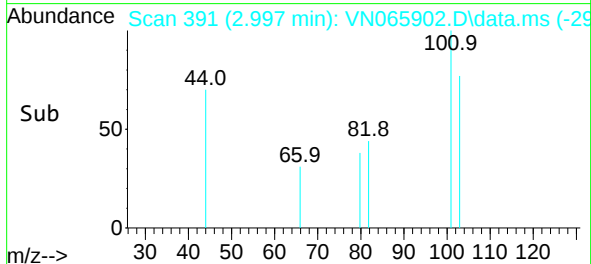
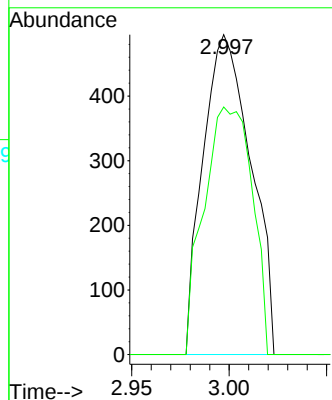
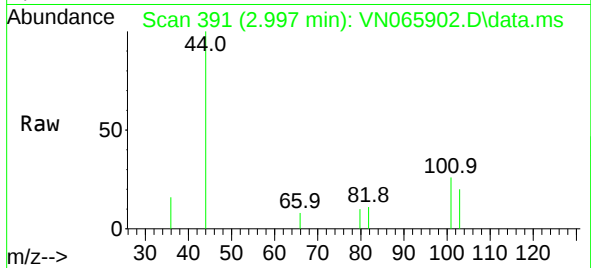




#7
Trichlorofluoromethane
Concen: 0.23 ug/l
RT: 2.997 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

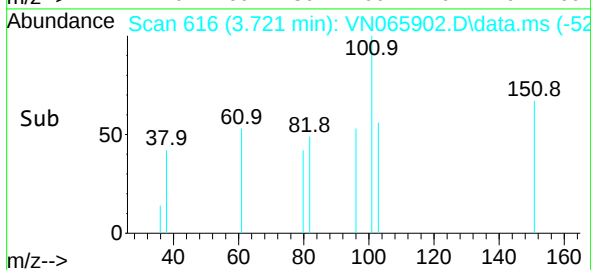
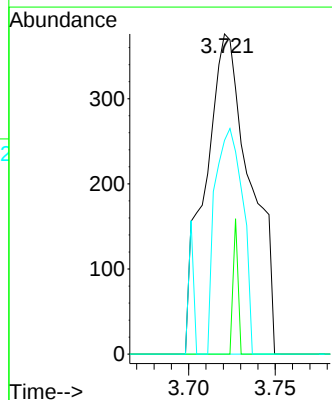
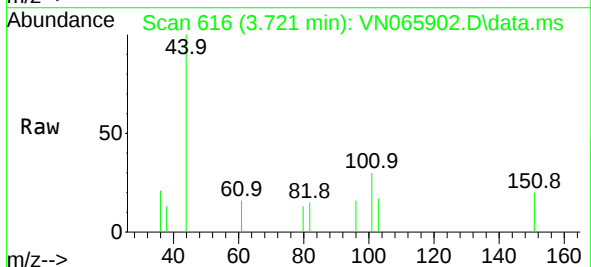
Instrument :
MSVOA_N
ClientSampleId :
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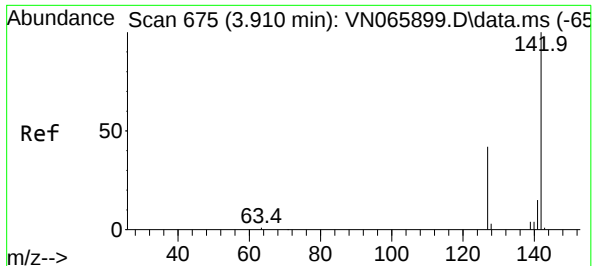
Tgt Ion:101 Resp: 847
Ion Ratio Lower Upper
101 100
103 77.4 52.1 78.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.36 ug/l
RT: 3.721 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

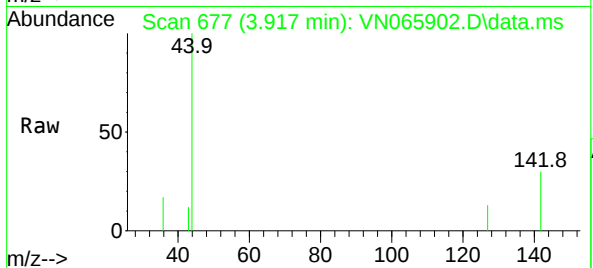
Tgt Ion:101 Resp: 685
Ion Ratio Lower Upper
101 100
85 4.5 34.6 51.8#
151 42.6 63.5 95.3#



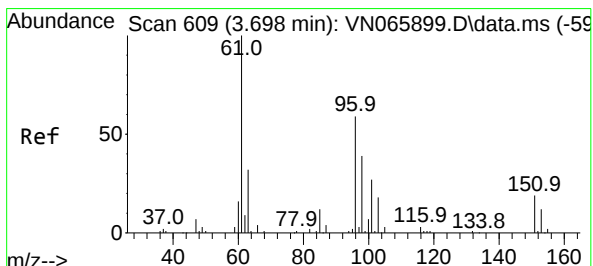
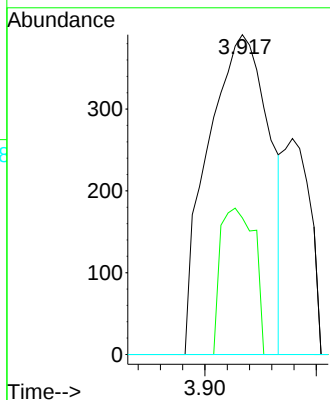
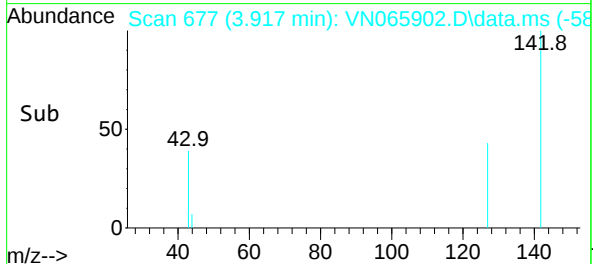


#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 3.917 min Scan# 677
Delta R.T. 0.007 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

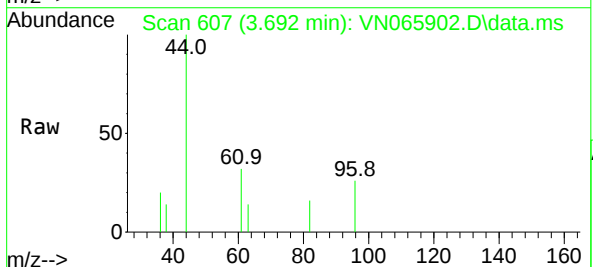
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MSVOA_N
ClientSampled :
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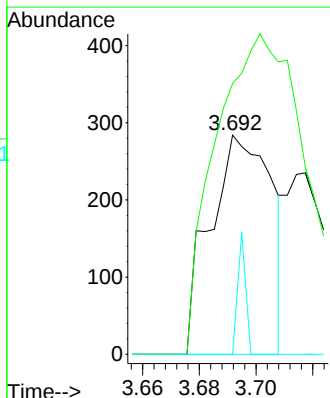
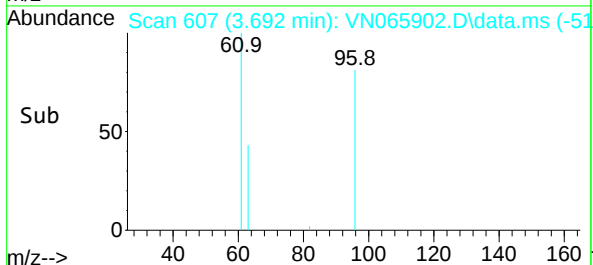
Tgt Ion:142 Resp: 749
Ion Ratio Lower Upper
142 100
127 25.2 31.7 47.5#
141 0.0 10.9 16.3#

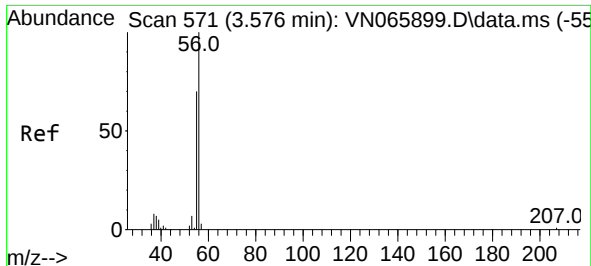


#12
1,1-Dichloroethene
Concen: 0.21 ug/l
RT: 3.692 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46



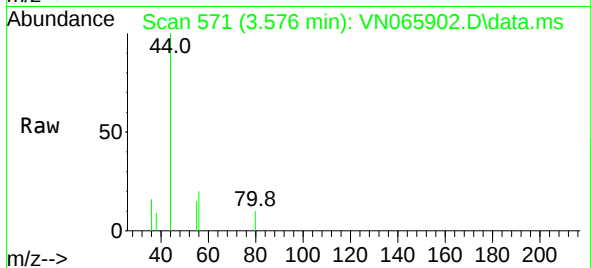
Tgt Ion: 96 Resp: 426
Ion Ratio Lower Upper
96 100
61 123.6 122.5 183.7
98 0.0 50.8 76.2#



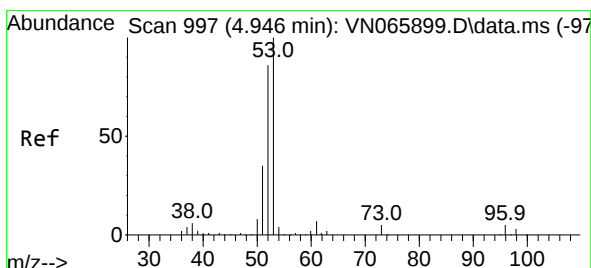
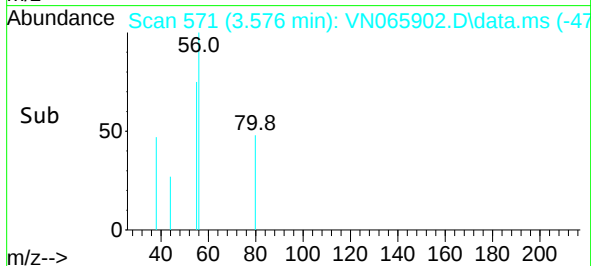
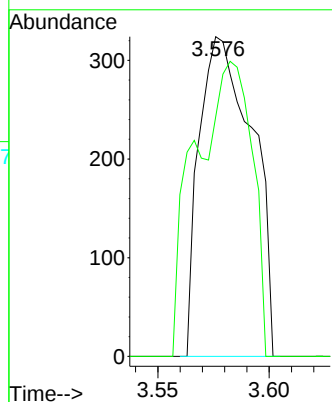


#13
Acrolein
Concen: 1.67 ug/l
RT: 3.576 min Scan# 571
Delta R.T. -0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

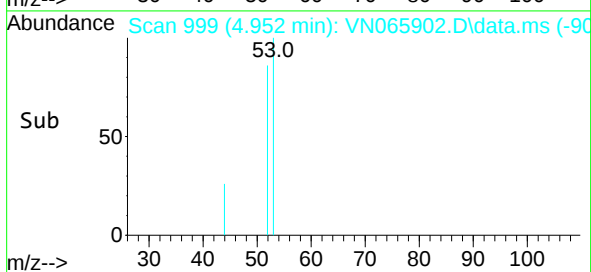
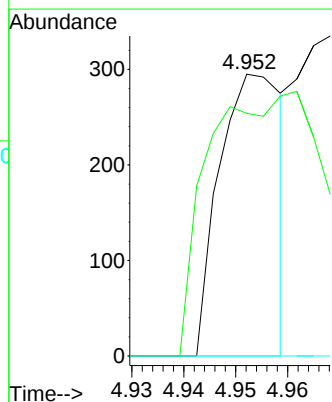
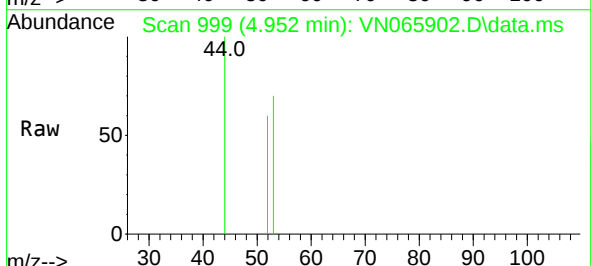


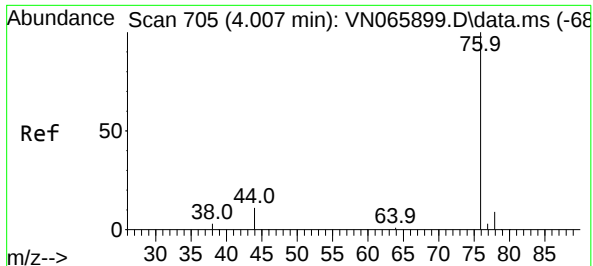
Tgt Ion: 56 Resp: 535
Ion Ratio Lower Upper
56 100
55 63.6 56.0 84.0



#15
Acrylonitrile
Concen: 0.25 ug/l
RT: 4.952 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

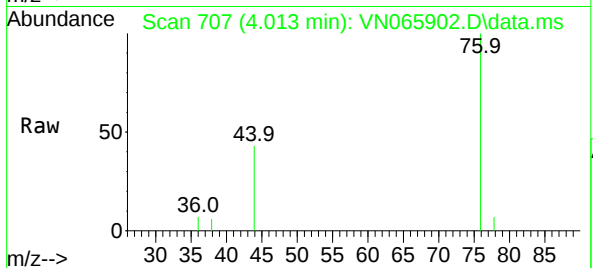
Tgt Ion: 53 Resp: 247
Ion Ratio Lower Upper
53 100
52 179.4 66.1 99.1#
51 0.0 27.9 41.9#



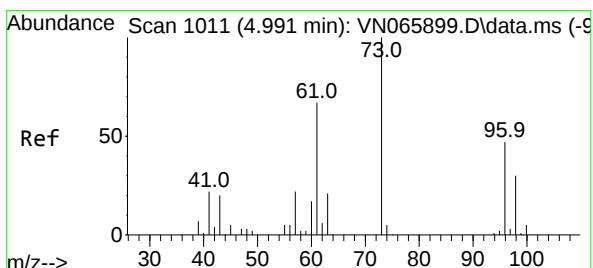
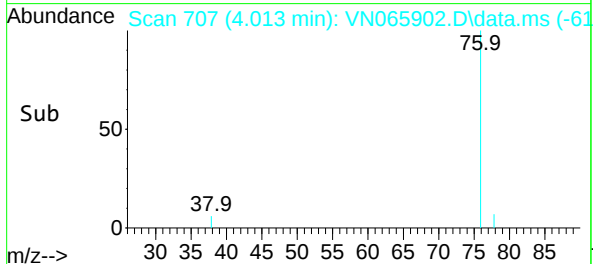
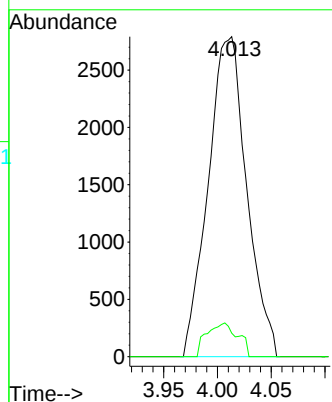


#17
Carbon Disulfide
Concen: 1.21 ug/l
RT: 4.013 min Scan# 707
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

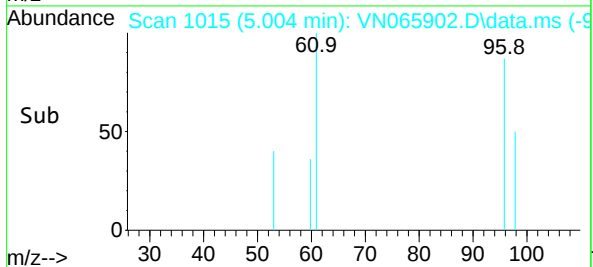
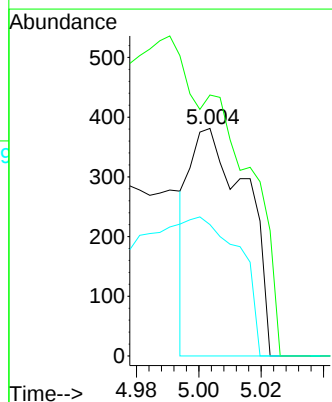
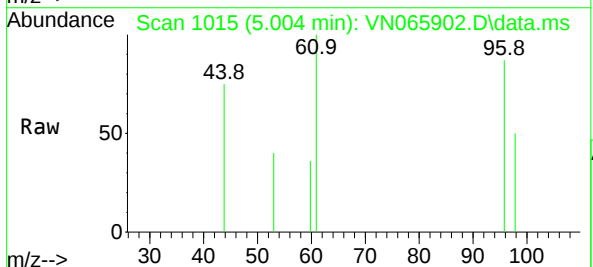


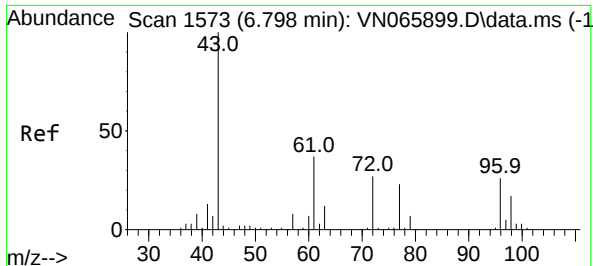
Tgt Ion: 76 Resp: 6955
Ion Ratio Lower Upper
76 100
78 7.3 7.8 11.6#



#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. 0.013 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 96 Resp: 481
Ion Ratio Lower Upper
96 100
61 114.7 104.9 157.3
98 57.7 51.8 77.8

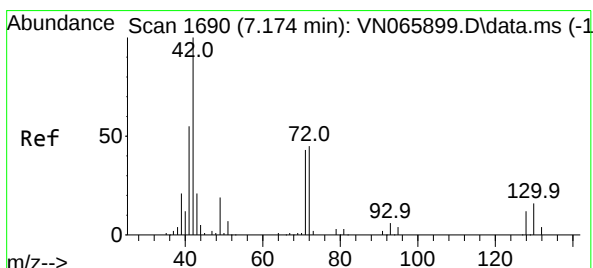
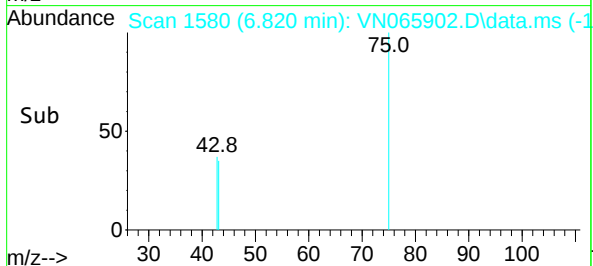
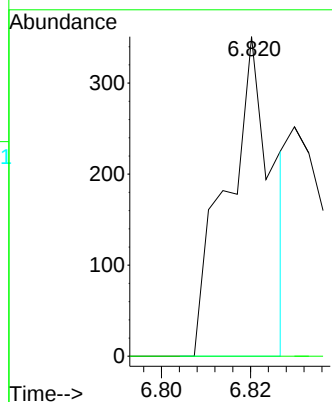
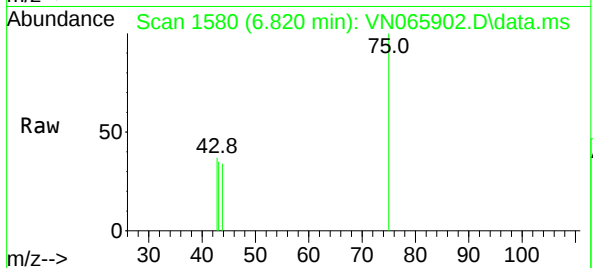




#25
2-Butanone
Concen: 0.20 ug/l
RT: 6.820 min Scan# 1580
Delta R.T. 0.022 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

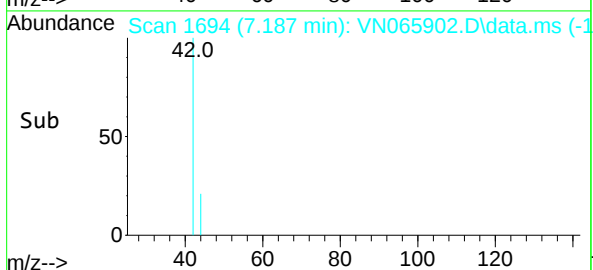
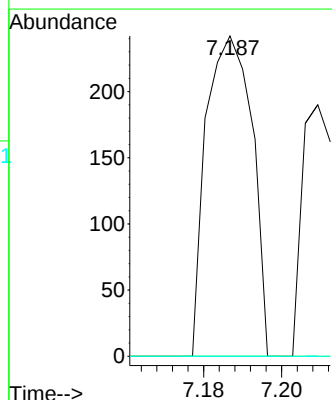
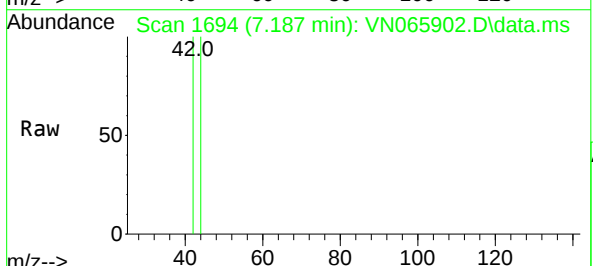
Instrument :
MSVOA_N
ClientSampled :
IBLK

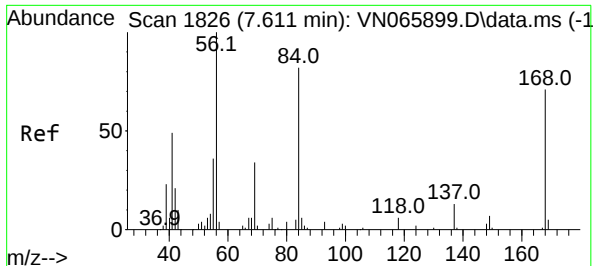
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.013 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 42 Resp: 198
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#

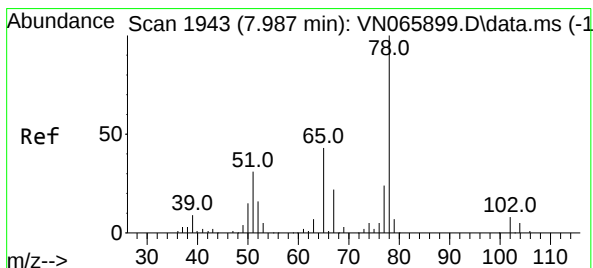
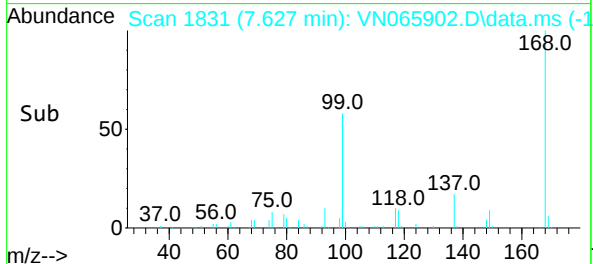
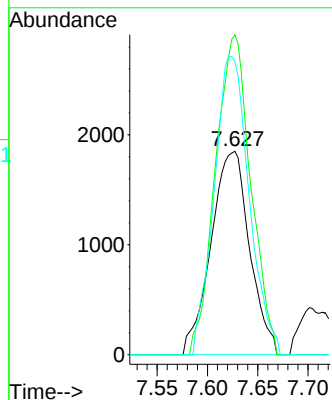
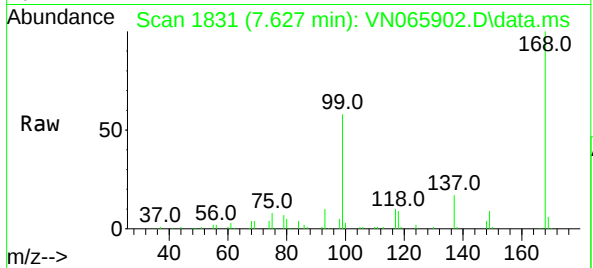




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

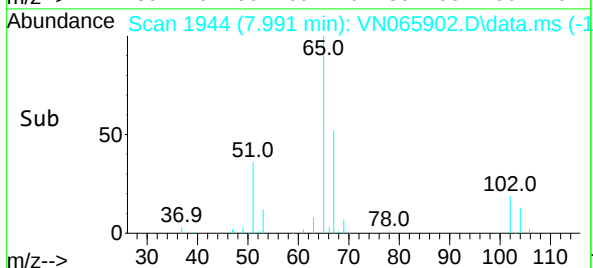
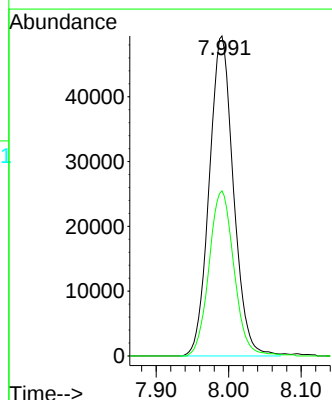
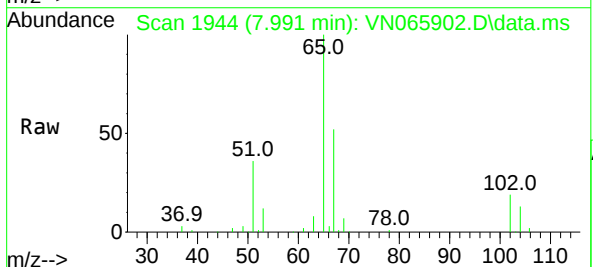
Instrument :
MSVOA_N
ClientSampled :
IBLK

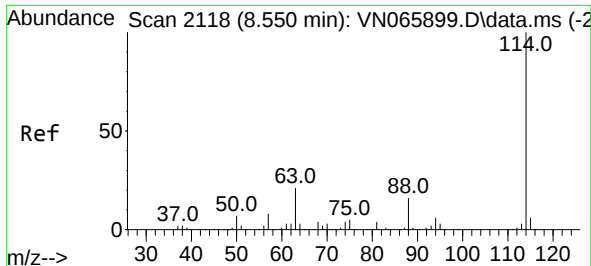
Tgt Ion: 56 Resp: 4934
Ion Ratio Lower Upper
56 100
69 157.3 26.6 39.8#
84 144.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.63 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 65 Resp: 114653
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2

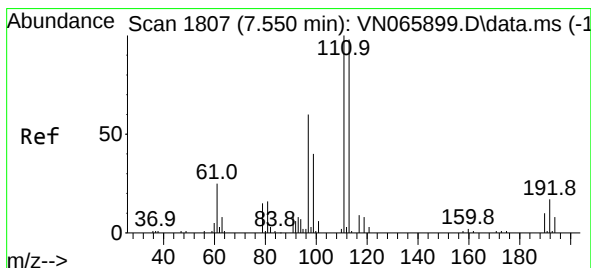
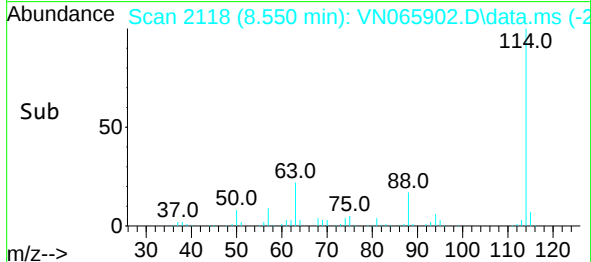
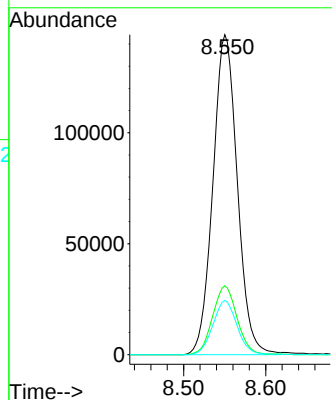
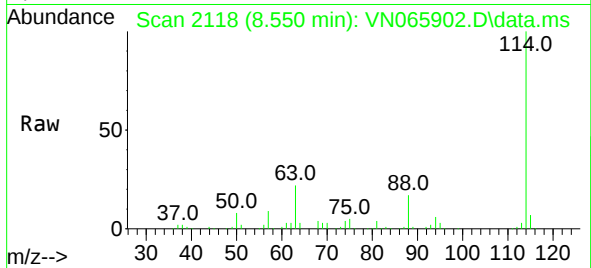




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

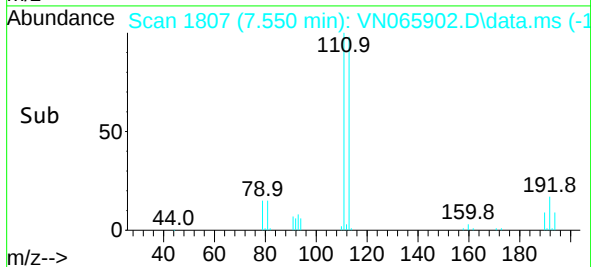
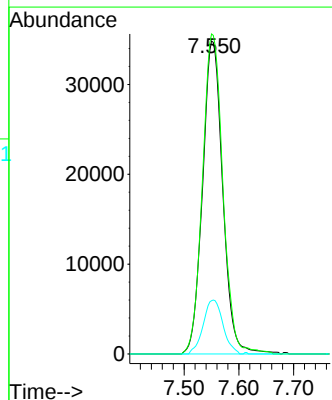
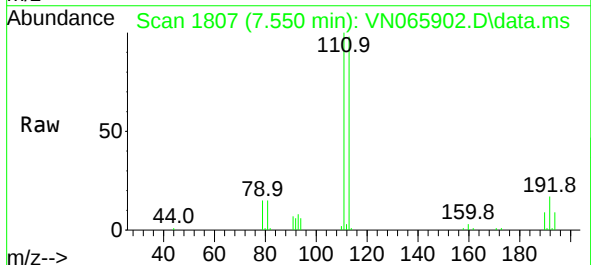
Instrument :
MSVOA_N
ClientSampled :
IBLK

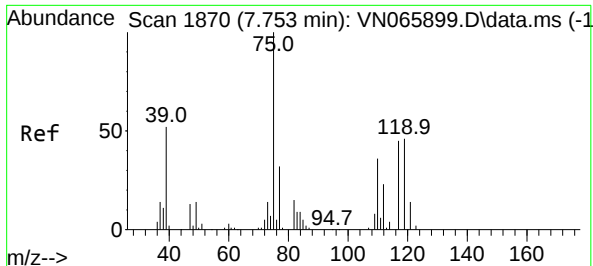
Tgt Ion:	114	Resp:	298371
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	38.6
88	17.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.21 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:	113	Resp:	89030
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.2	123.2
192	16.9	15.4	23.0



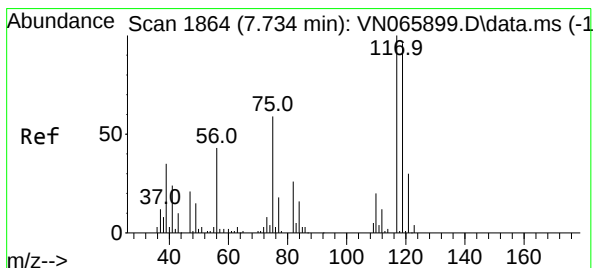
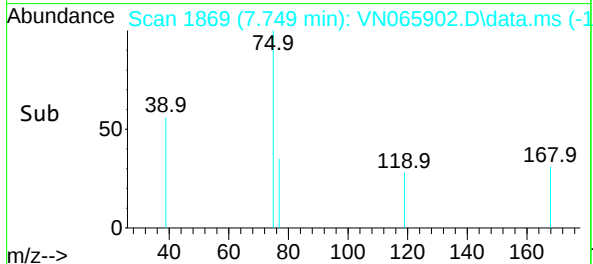
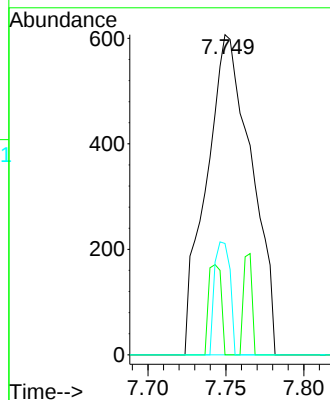
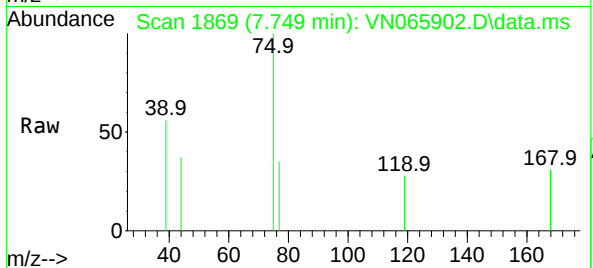


#36

1,1-Dichloropropene
Concen: 0.42 ug/l
RT: 7.749 min Scan# 1869
Delta R.T. -0.004 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

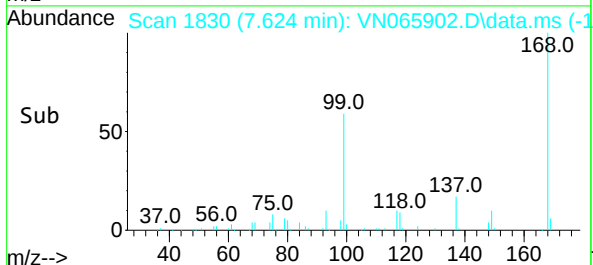
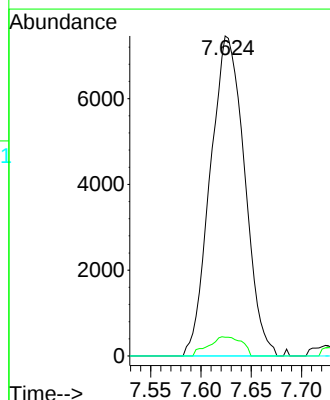
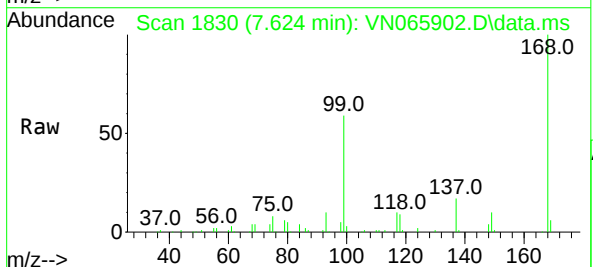
Tgt Ion: 75 Resp: 1221
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 12.0 24.9 37.3#

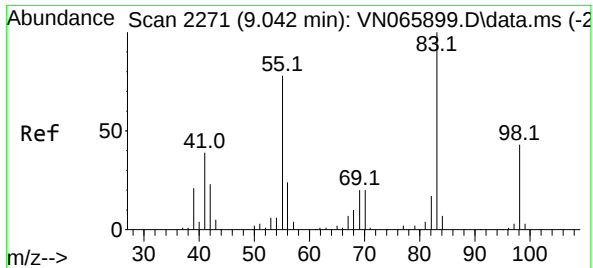


#38

Carbon Tetrachloride
Concen: 6.46 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 117 Resp: 17665
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

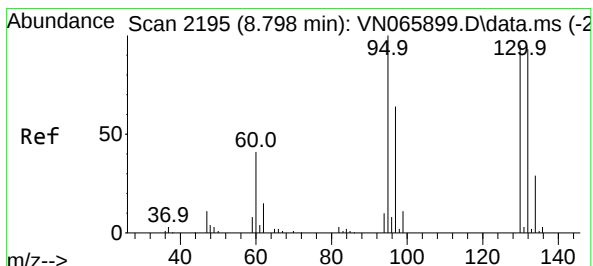
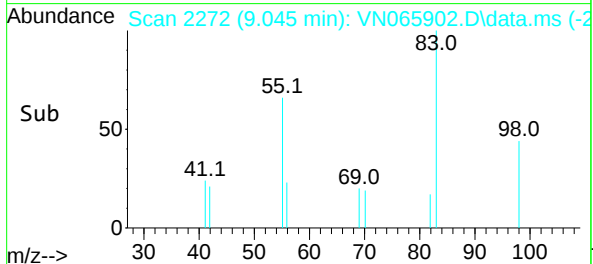
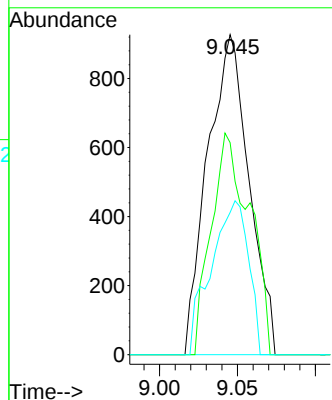
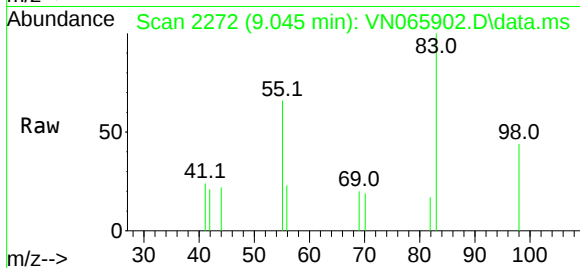




#39
Methylcyclohexane
Concen: 0.52 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

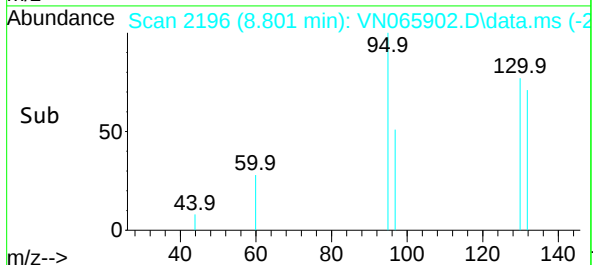
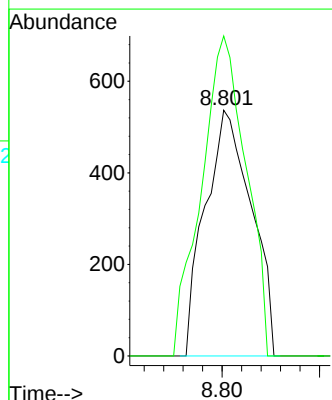
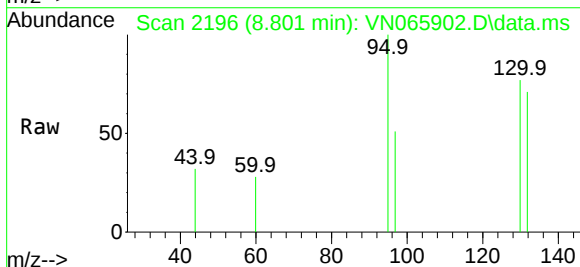
Instrument :
MSVOA_N
ClientSampleId :
IBLK

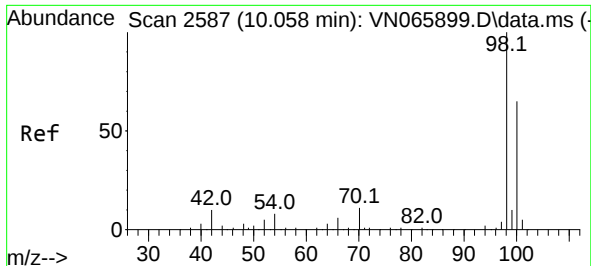
Tgt Ion:	83	Resp:	1712
Ion	Ratio	Lower	Upper
83	100		
55	66.2	58.9	88.3
98	44.4	35.9	53.9



#44
Trichloroethene
Concen: 0.40 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:	130	Resp:	886
Ion	Ratio	Lower	Upper
130	100		
95	130.2	0.0	199.6

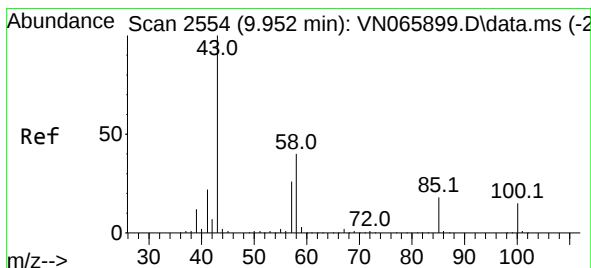
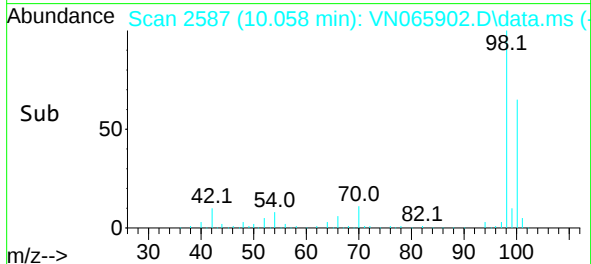
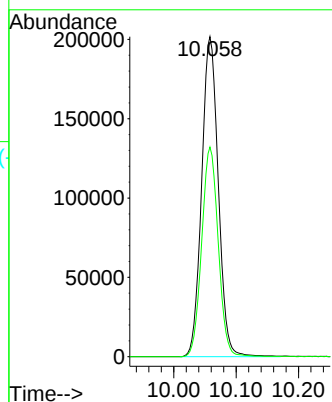
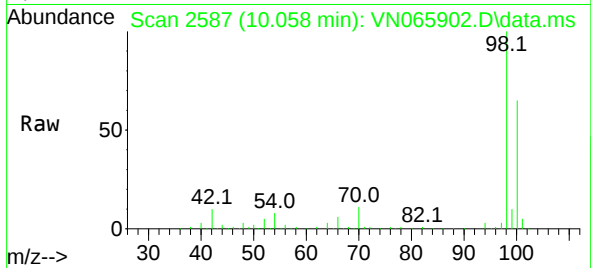




#50
Toluene-d8
Concen: 49.32 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

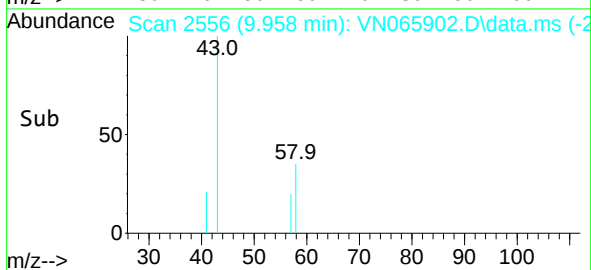
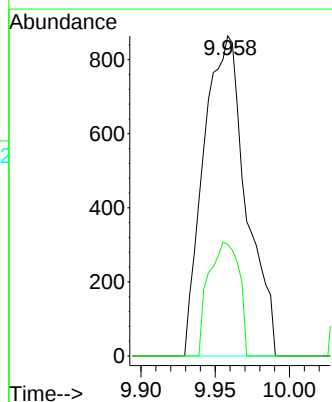
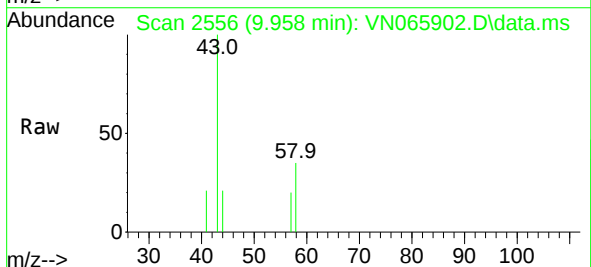
Instrument :
MSVOA_N
ClientSampleId :
IBLK

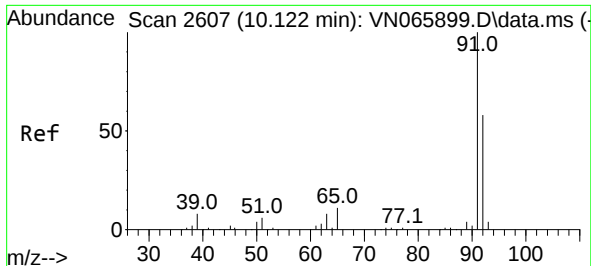
Tgt Ion: 98 Resp: 373854
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.67 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
58 25.4 32.5 48.7#

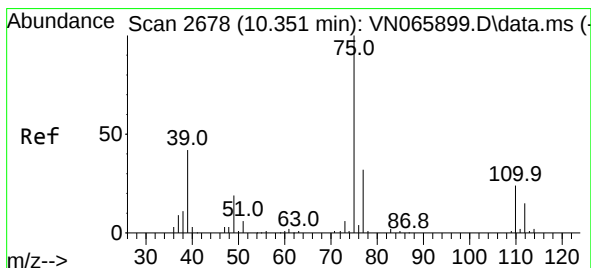
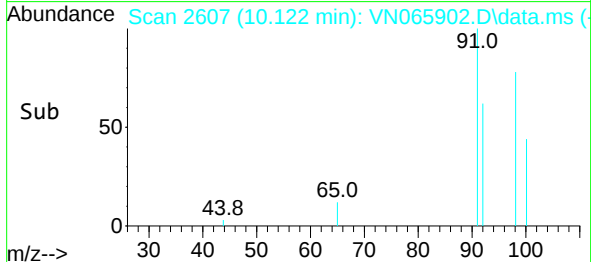
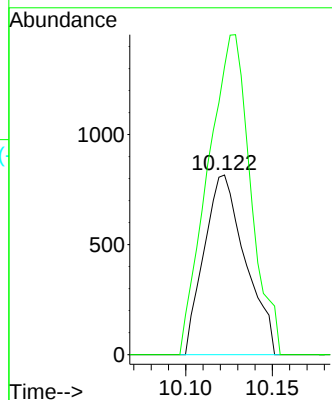
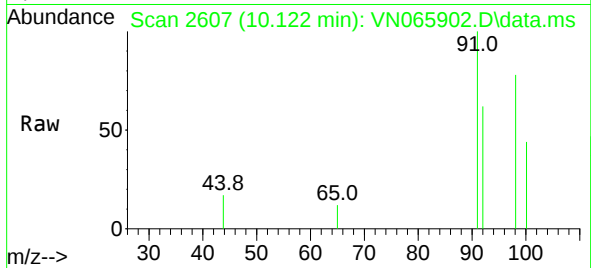




#52
Toluene
Concen: 0.24 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

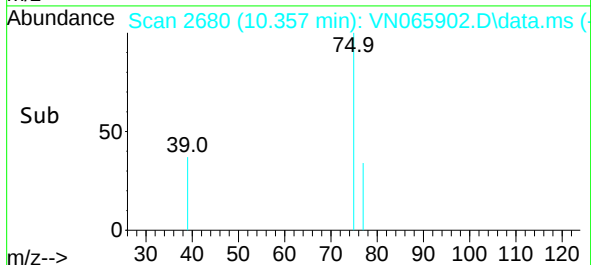
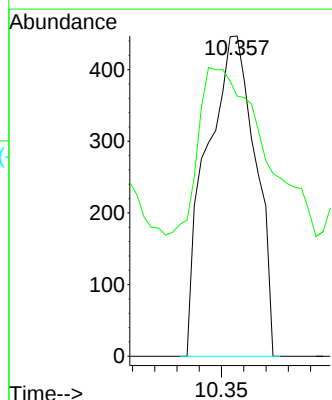
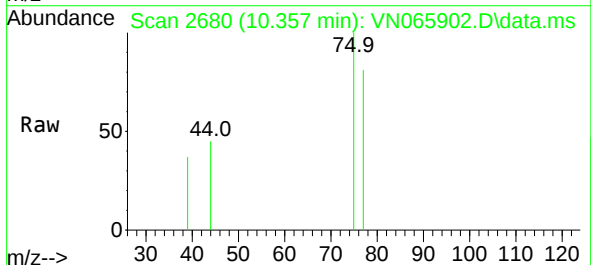
Instrument :
MSVOA_N
ClientSampled :
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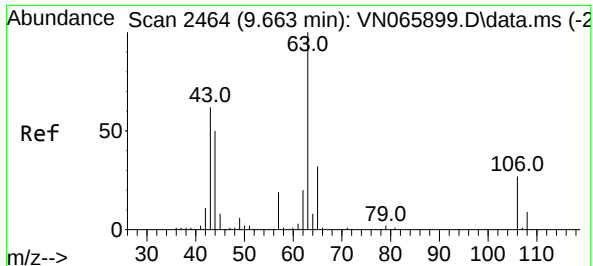
Tgt Ion: 92 Resp: 1352
Ion Ratio Lower Upper
92 100
91 185.0 140.7 211.1



#53
t-1,3-Dichloropropene
Concen: 2.16 ug/l
RT: 10.357 min Scan# 2680
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 75 Resp: 677
Ion Ratio Lower Upper
75 100
77 40.0 26.2 39.4#

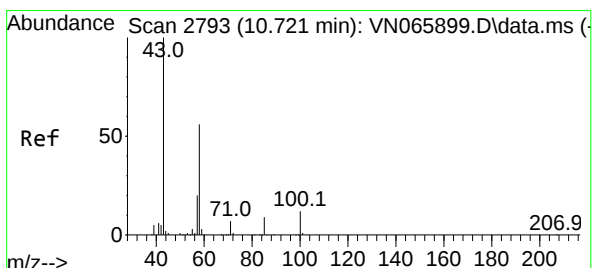
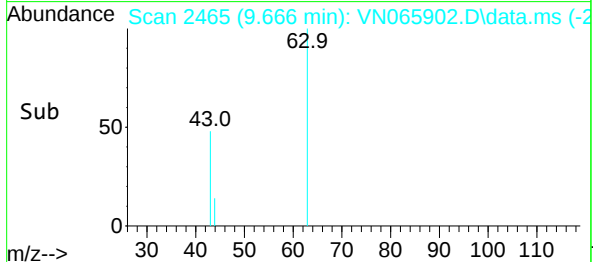
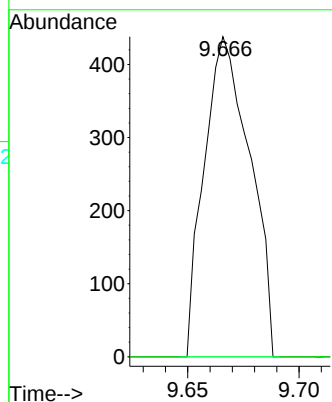
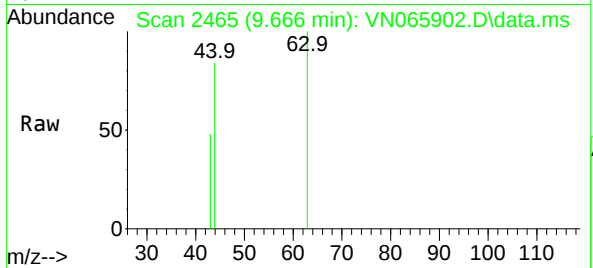




#58
2-Chloroethyl Vinyl ether
Concen: 0.42 ug/l
RT: 9.666 min Scan# 2465
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

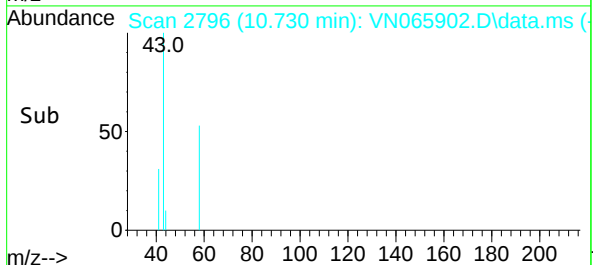
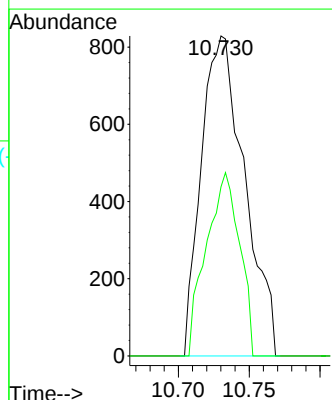
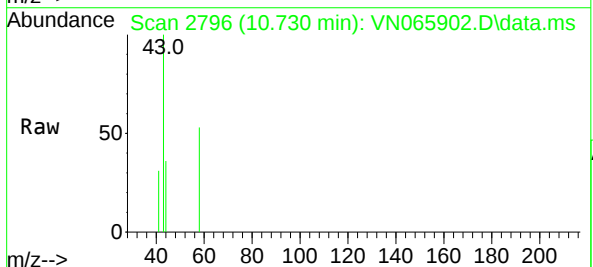
Instrument :
MSVOA_N
ClientSampled :
IBLK

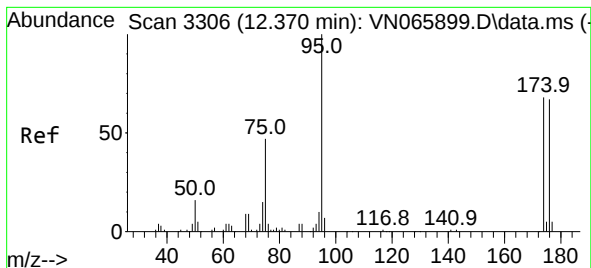
Tgt Ion: 63 Resp: 626
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#



#59
2-Hexanone
Concen: 0.96 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.009 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 43 Resp: 1759
Ion Ratio Lower Upper
43 100
58 44.1 28.1 84.3

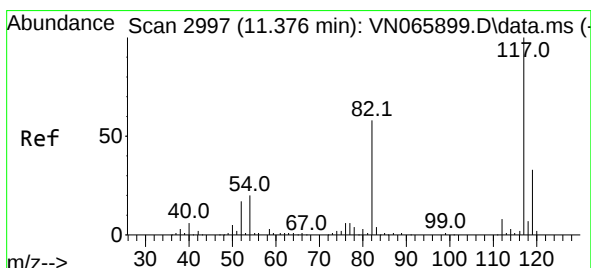
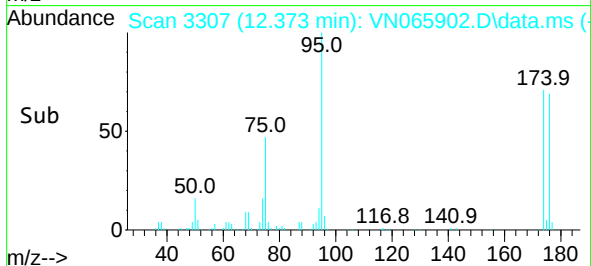
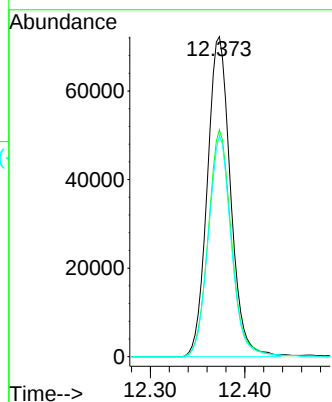
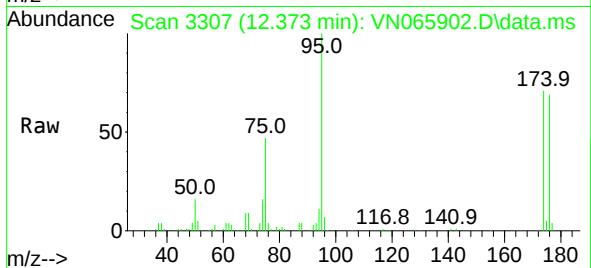




#62
4-Bromofluorobenzene
Concen: 43.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

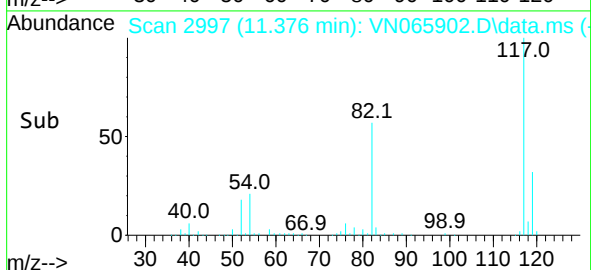
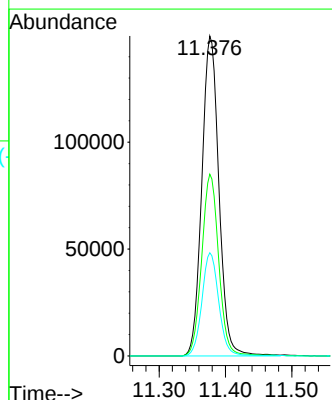
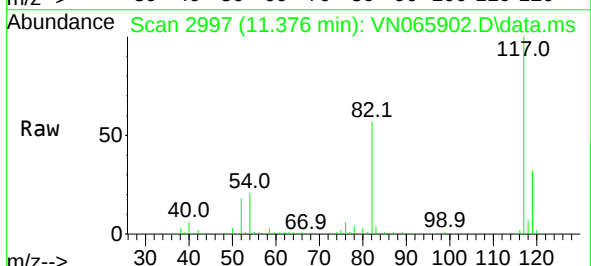
Instrument :
MSVOA_N
ClientSampleId :
IBLK

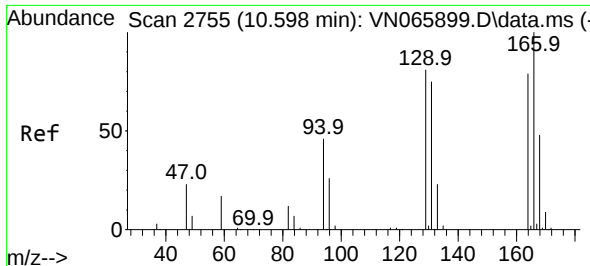
Tgt Ion: 95 Resp: 123138
Ion Ratio Lower Upper
95 100
174 71.1 0.0 169.0
176 68.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 117 Resp: 268536
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 32.2 26.1 39.1



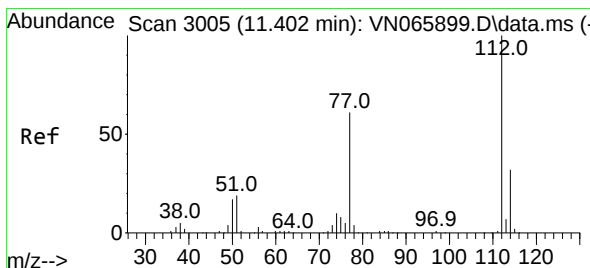
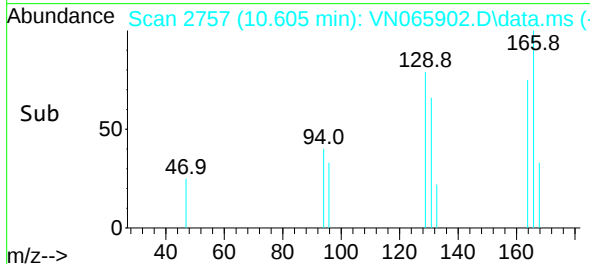
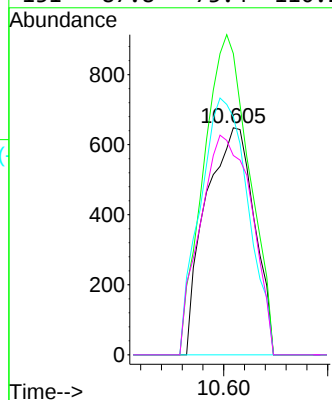
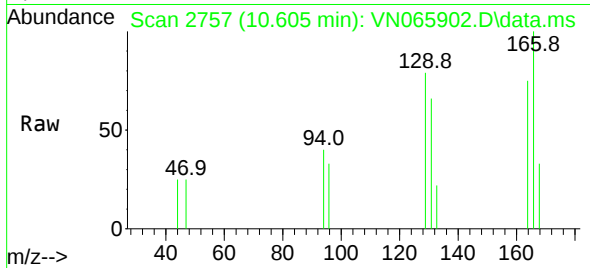


#64
Tetrachloroethene
Concen: 0.51 ug/l
RT: 10.605 min Scan# 2757
Delta R.T. 0.007 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:164 Resp: 1048

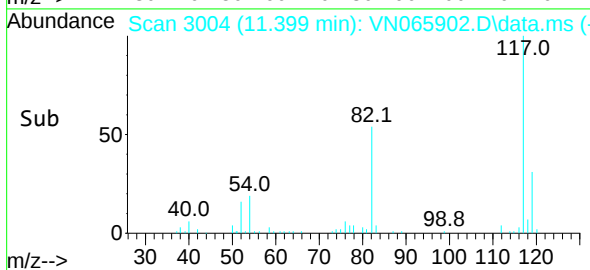
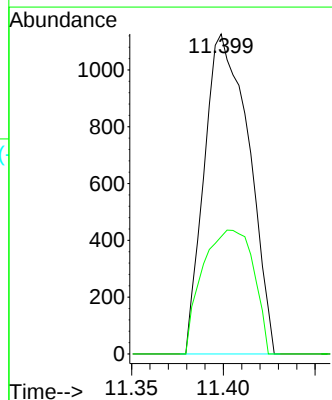
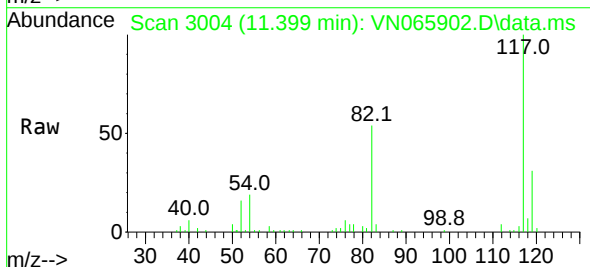
Ion	Ratio	Lower	Upper
164	100		
166	132.7	102.6	154.0
129	104.8	76.2	114.4
131	87.8	73.4	110.2

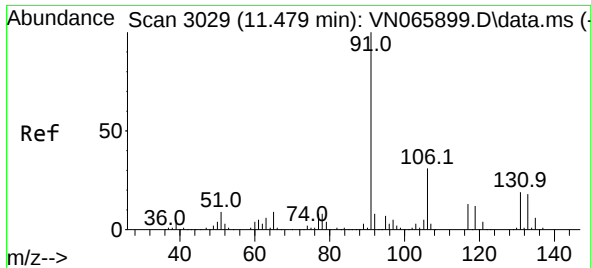


#65
Chlorobenzene
Concen: 0.34 ug/l
RT: 11.399 min Scan# 3004
Delta R.T. -0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:112 Resp: 1896

Ion	Ratio	Lower	Upper
112	100		
114	36.6	26.1	39.1

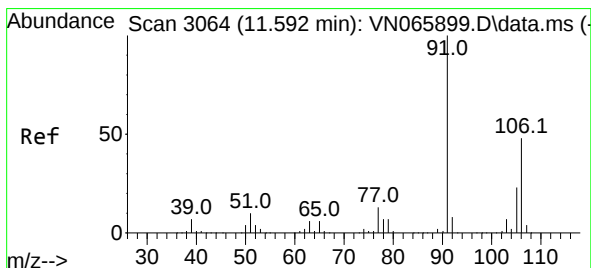
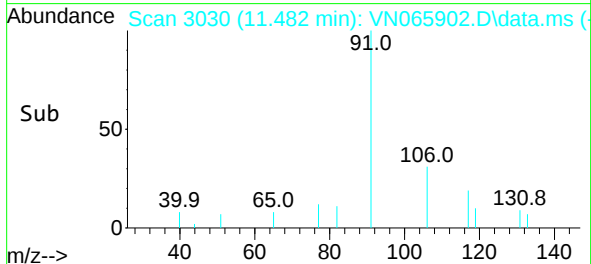
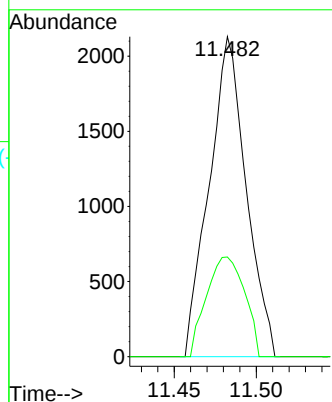
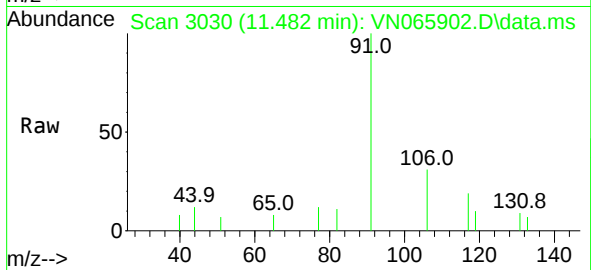




#67
Ethyl Benzene
Concen: 0.33 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

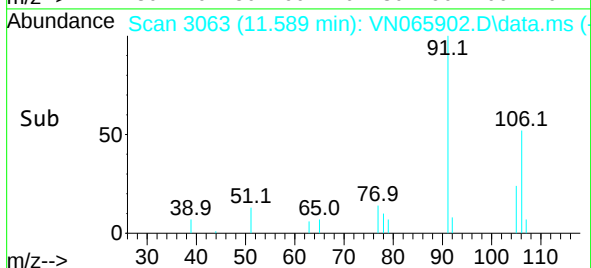
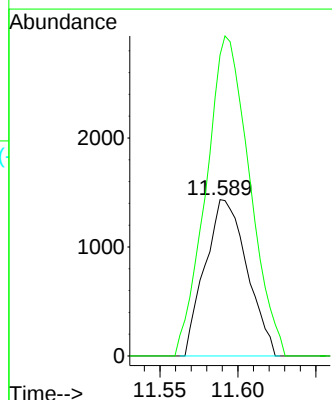
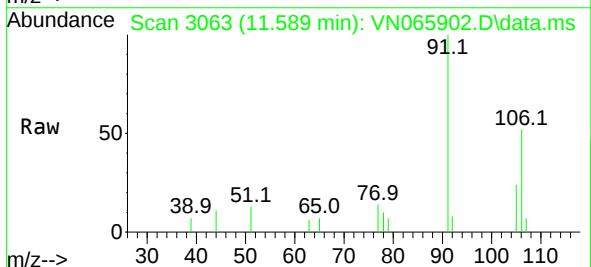
Instrument :
MSVOA_N
ClientSampled :
IBLK

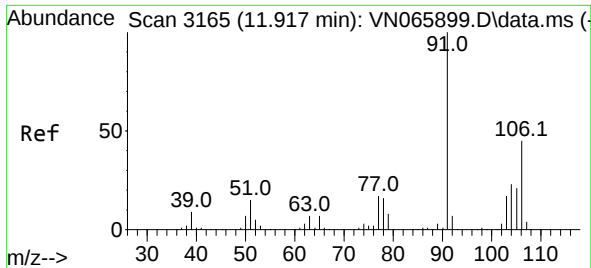
Tgt Ion: 91 Resp: 3326
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 0.71 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 106 Resp: 2683
Ion Ratio Lower Upper
106 100
91 212.2 161.4 242.0

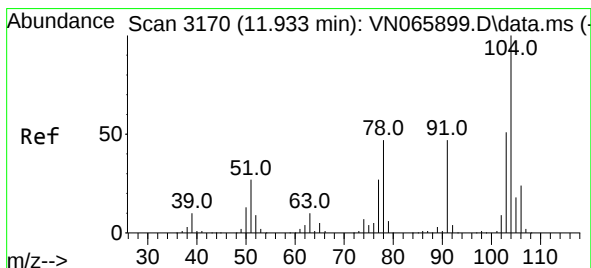
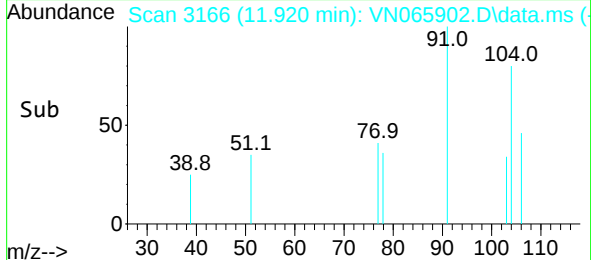
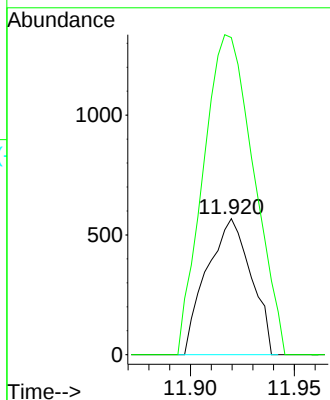
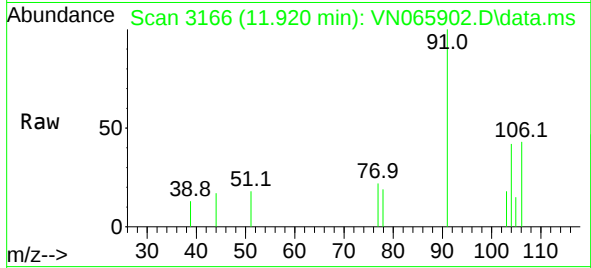




#69
o-Xylene
Concen: 0.23 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

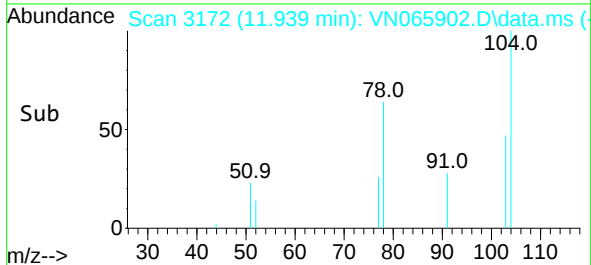
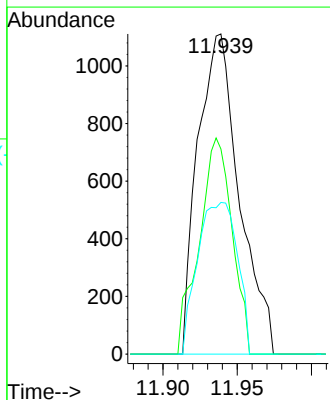
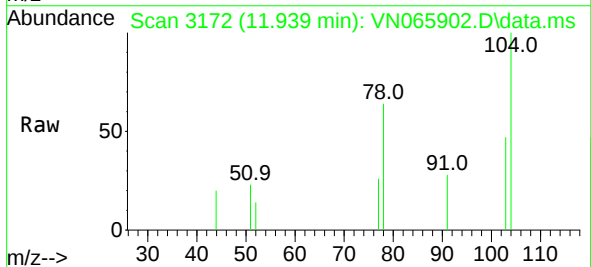
Instrument :
MSVOA_N
ClientSampleId :
IBLK

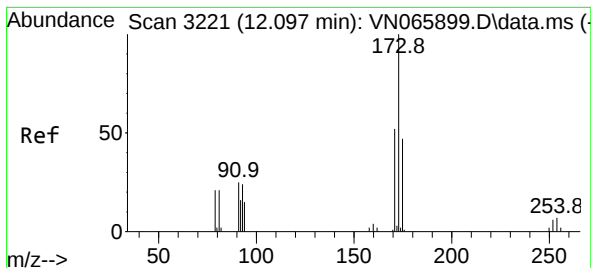
Tgt Ion:106 Resp: 842
Ion Ratio Lower Upper
106 100
91 267.3 106.8 320.4



#70
Styrene
Concen: 0.36 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:104 Resp: 2155
Ion Ratio Lower Upper
104 100
78 53.8 39.0 58.4
103 45.5 44.5 66.7





#71

Bromoform

Concen: 2.54 ug/l

RT: 12.093 min Scan# 3220

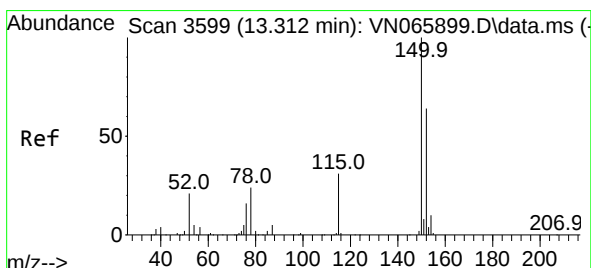
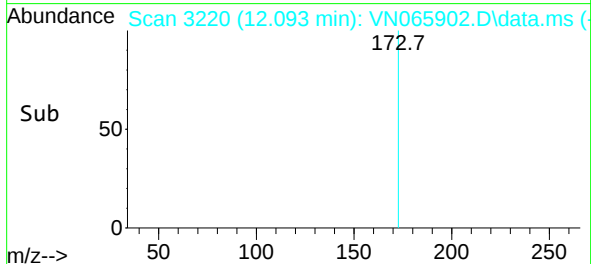
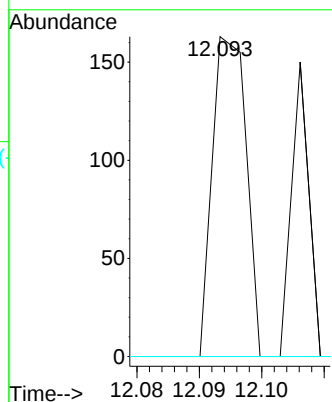
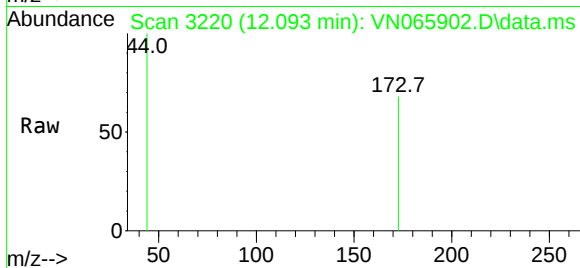
Delta R.T. -0.004 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion:173	Resp:	61
Ion Ratio	Lower	Upper
173	100	
175	0.0	23.8
254	0.0	0.0

Instrument :
MSVOA_N
ClientSampled :
IBLK



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

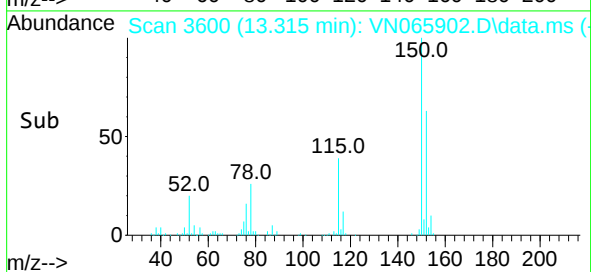
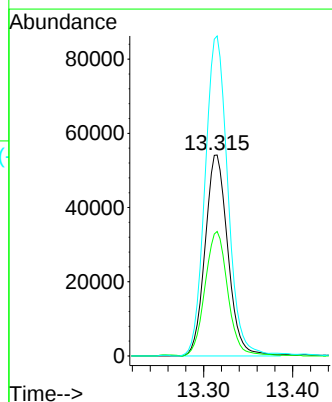
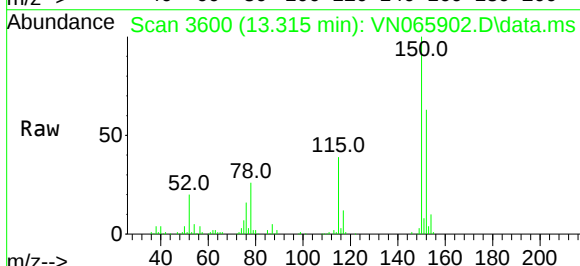
RT: 13.315 min Scan# 3600

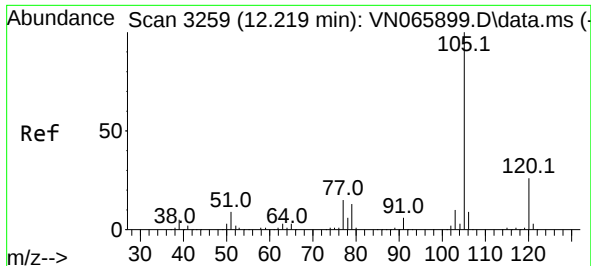
Delta R.T. 0.003 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion:152	Resp:	95981
Ion Ratio	Lower	Upper
152	100	
115	62.2	28.5
150	159.2	0.0

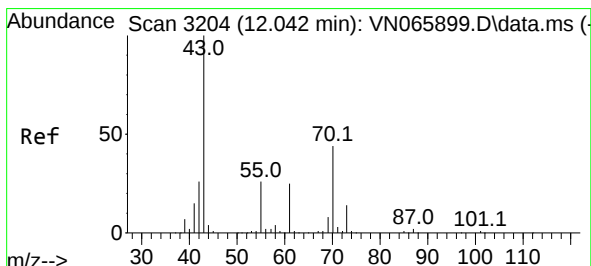
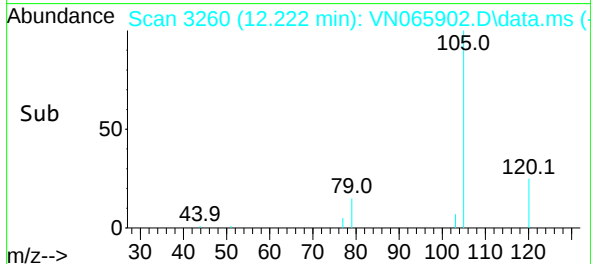
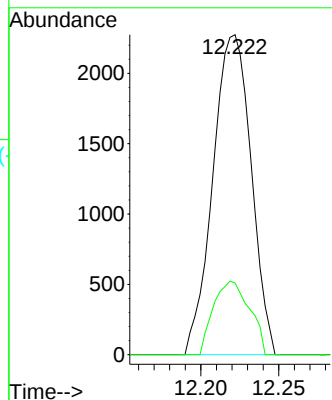
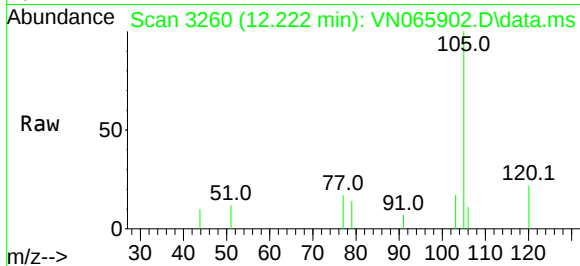




#73
Isopropylbenzene
Concen: 0.50 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

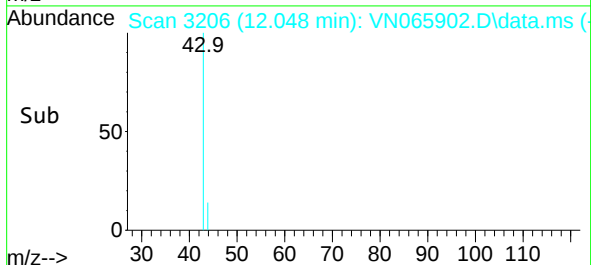
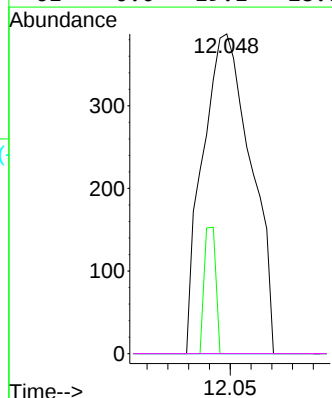
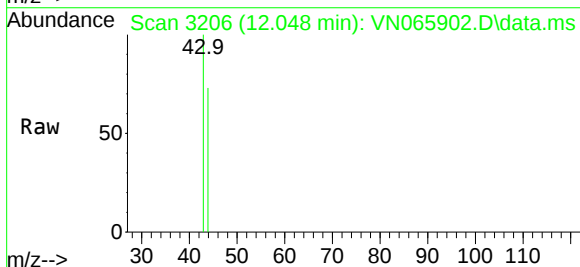
Instrument :
MSVOA_N
ClientSampled :
IBLK

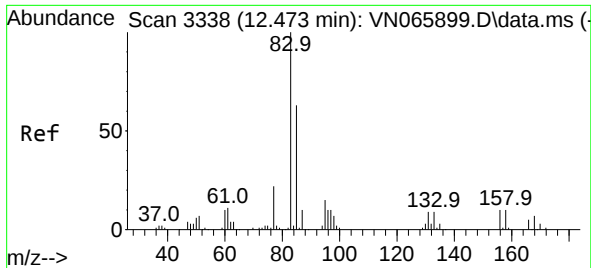
Tgt Ion:105 Resp: 3886
Ion Ratio Lower Upper
105 100
120 21.7 13.3 39.9



#74
N-ethyl acetate
Concen: 0.23 ug/l
RT: 12.048 min Scan# 3206
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
70 9.5 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

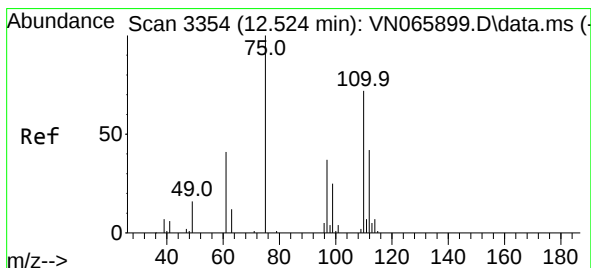
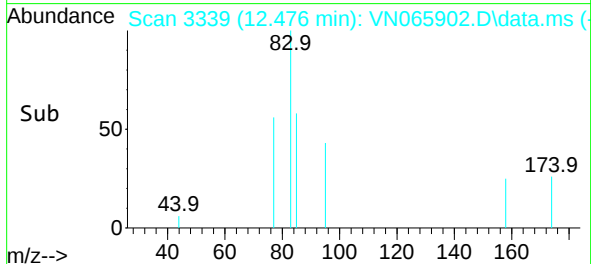
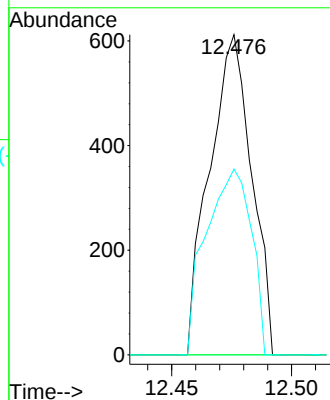
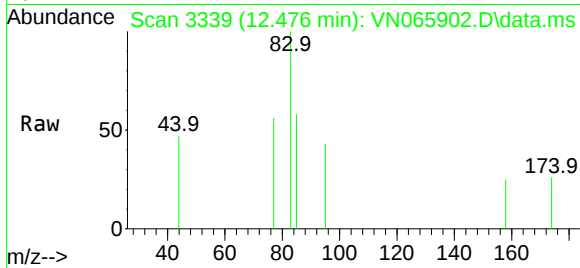




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.32 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. 0.003 min
 Lab File: VN065902.D
 Acq: 17 Feb 2021 15:46

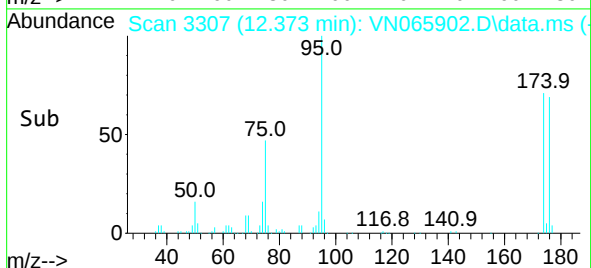
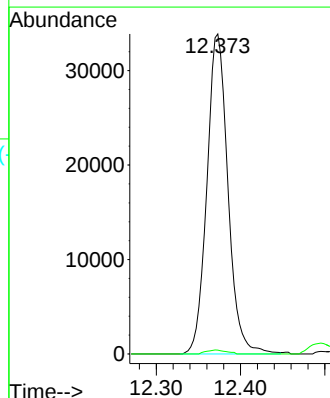
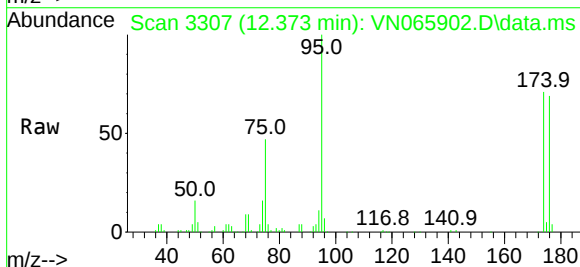
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

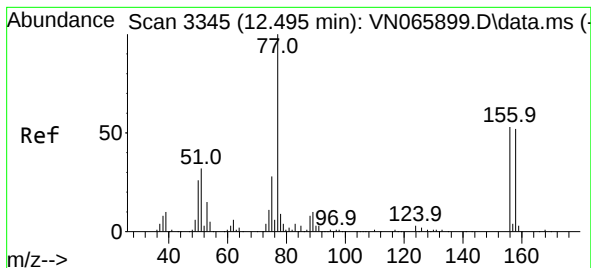
Tgt Ion: 83 Resp: 747
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.8#
 85 62.4 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 25.56 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065902.D
 Acq: 17 Feb 2021 15:46

Tgt Ion: 75 Resp: 58933
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#77

Bromobenzene

Concen: 0.52 ug/l

RT: 12.492 min Scan# 3344

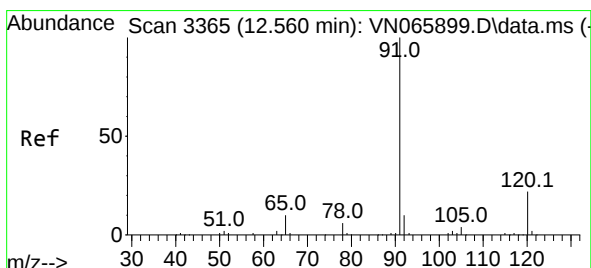
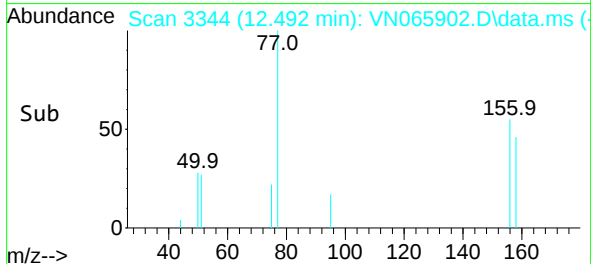
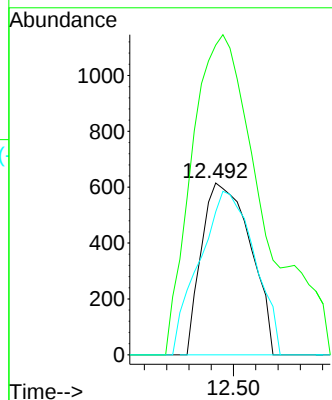
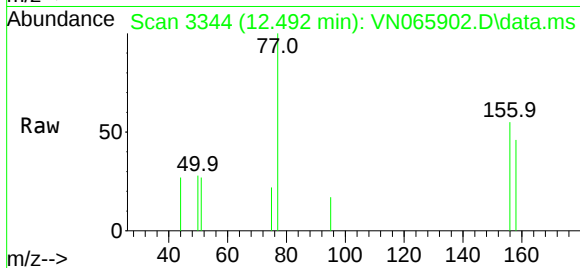
Delta R.T. -0.003 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion:	156	Resp:	932
Ion	Ratio	Lower	Upper
156	100		
77	270.9	96.3	288.8
158	107.8	49.0	147.0

Instrument :
MSVOA_N
ClientSampleId :
IBLK



#78

n-propylbenzene

Concen: 0.64 ug/l

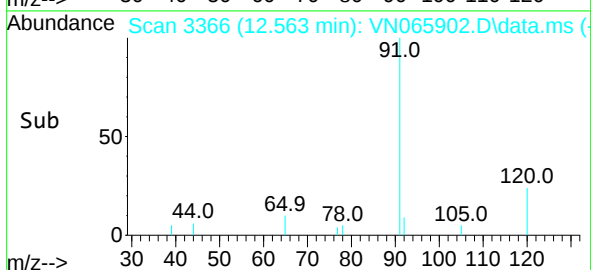
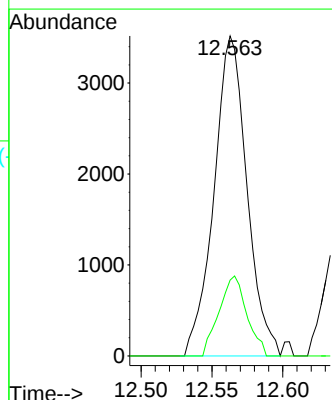
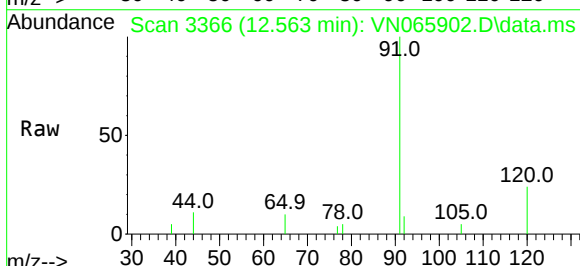
RT: 12.563 min Scan# 3366

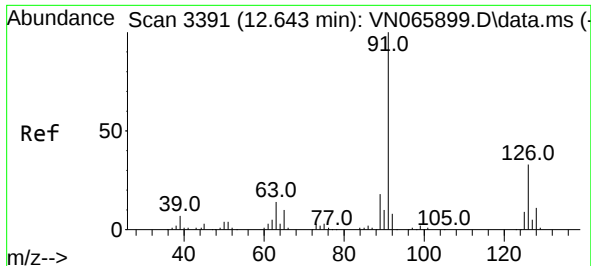
Delta R.T. 0.003 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion:	91	Resp:	5690
Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.8	35.3

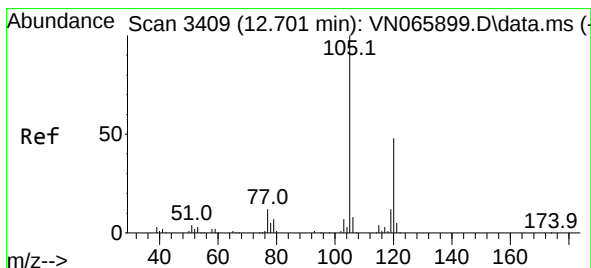
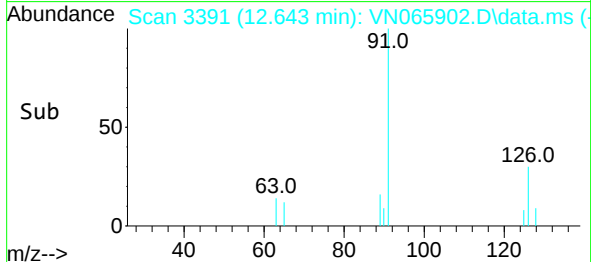
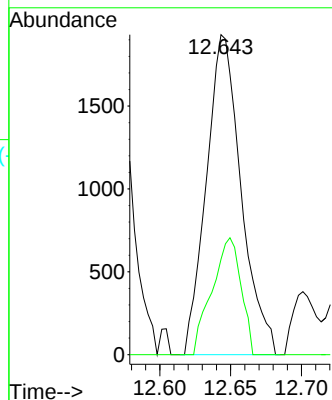
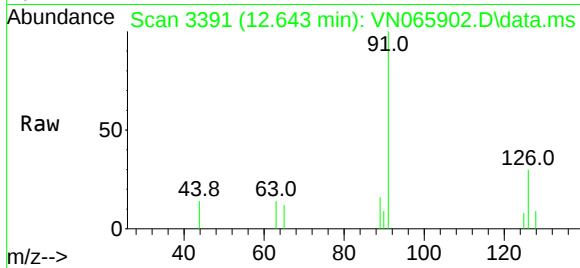




#79
2-Chlorotoluene
Concen: 0.59 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

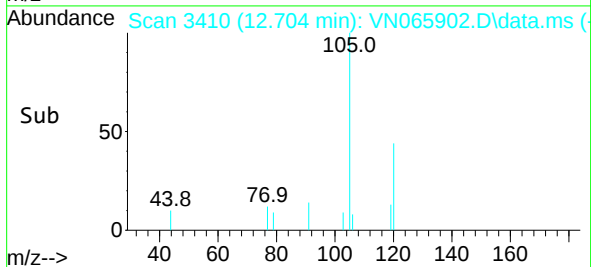
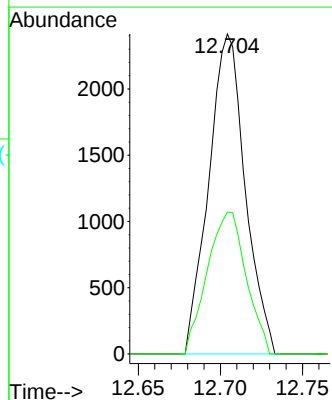
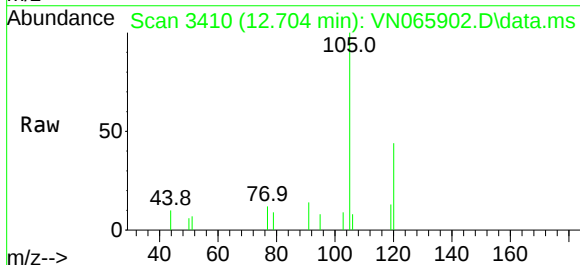
Instrument :
MSVOA_N
ClientSampled :
IBLK

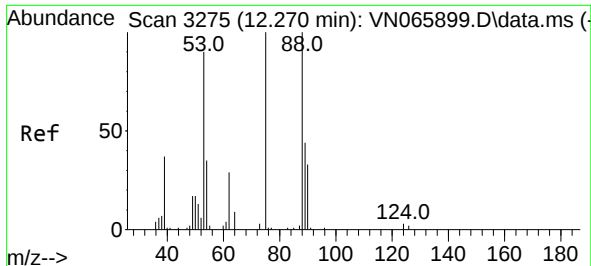
Tgt Ion: 91 Resp: 3300
Ion Ratio Lower Upper
91 100
126 30.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 0.56 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 105 Resp: 3724
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.8

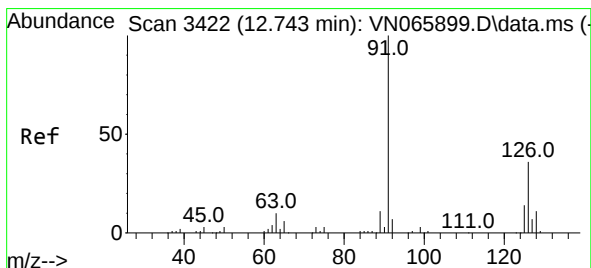
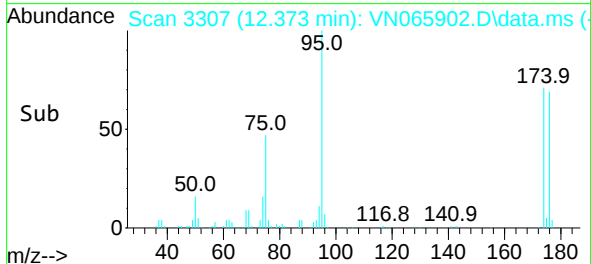
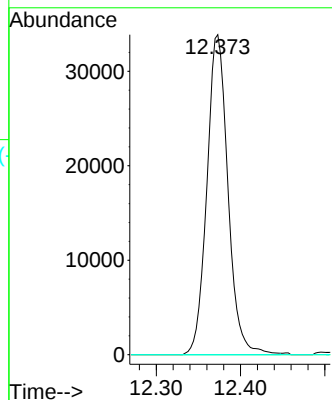
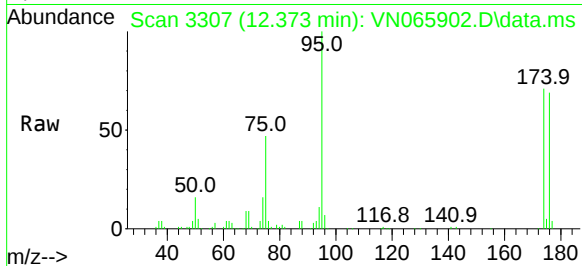




#81
trans-1,4-Dichloro-2-butene
Concen: 81.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

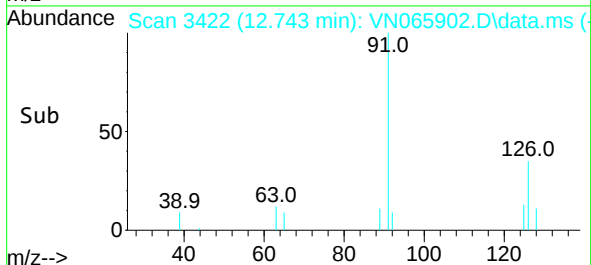
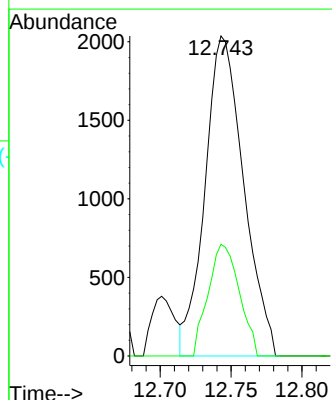
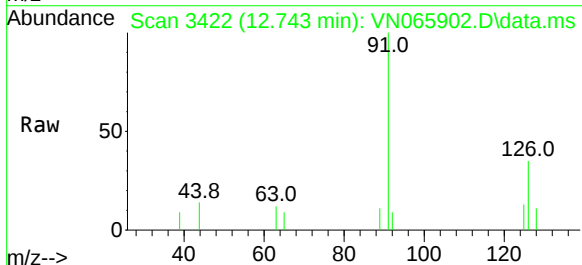
Instrument :
MSVOA_N
ClientSampleId :
IBLK

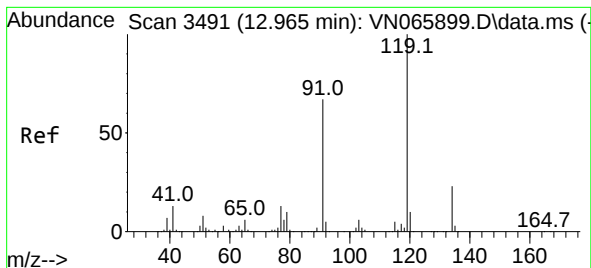
Tgt Ion: 75 Resp: 58933
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#82
4-Chlorotoluene
Concen: 0.68 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 91 Resp: 3860
Ion Ratio Lower Upper
91 100
126 28.1 17.2 51.6

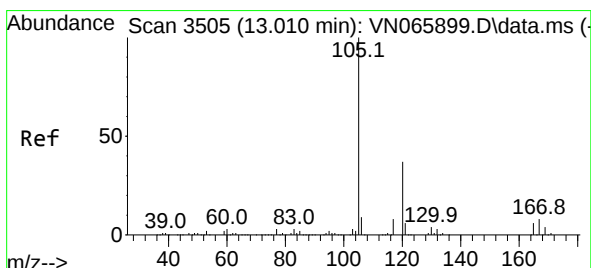
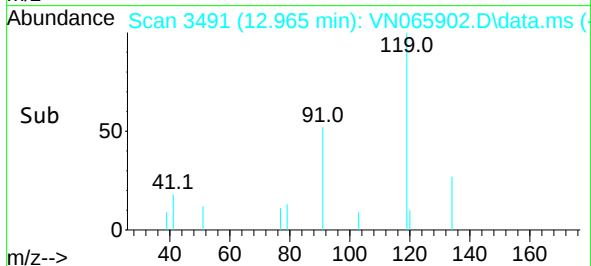
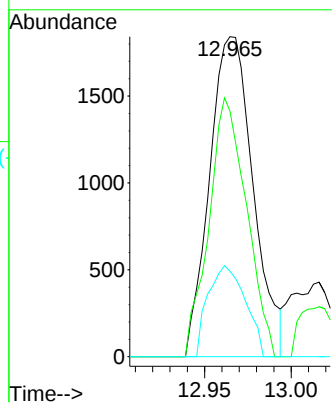
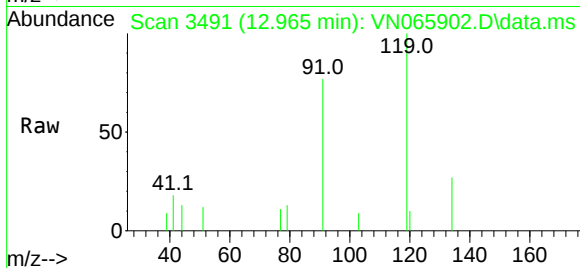




#83
tert-Butylbenzene
Concen: 0.59 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. -0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

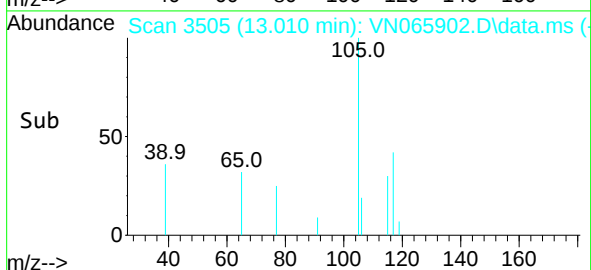
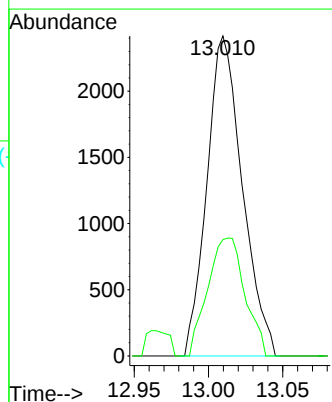
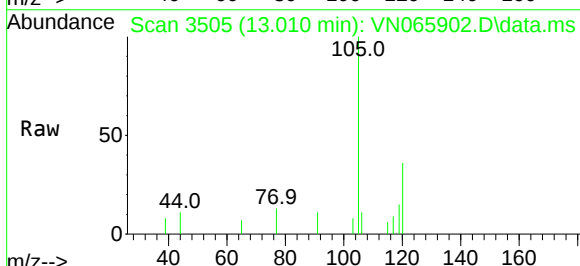
Instrument :
MSVOA_N
ClientSampleId :
IBLK

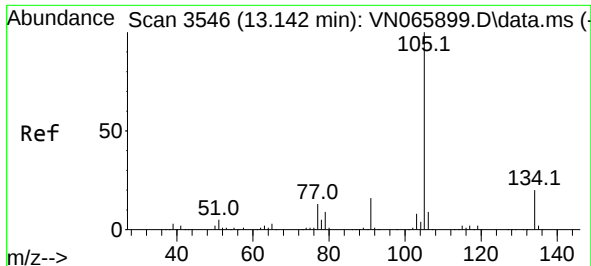
Tgt Ion:	119	Resp:	3226
Ion	Ratio	Lower	Upper
119	100		
91	69.7	33.0	98.9
134	24.3	12.7	38.1



#84
1,2,4-Trimethylbenzene
Concen: 0.60 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:	105	Resp:	4006
Ion	Ratio	Lower	Upper
105	100		
120	38.7	22.4	67.0

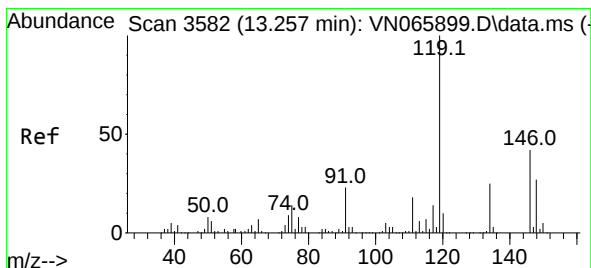
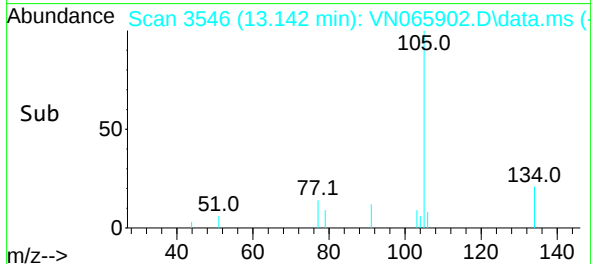
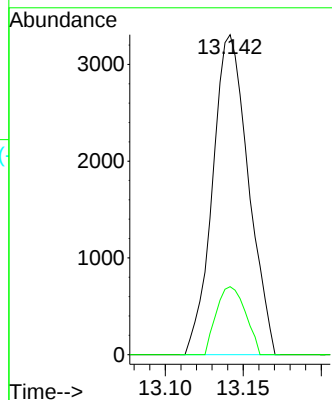
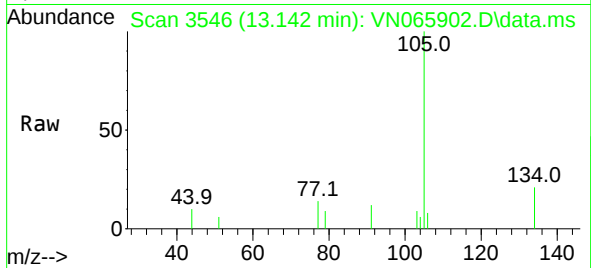




#85
sec-Butylbenzene
Concen: 0.74 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. -0.000 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

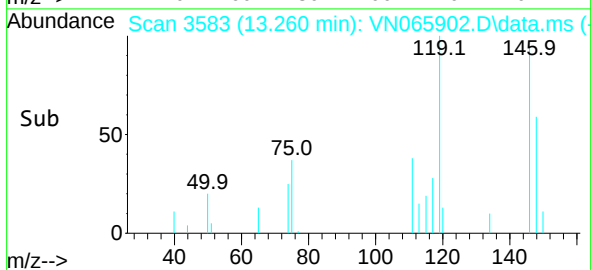
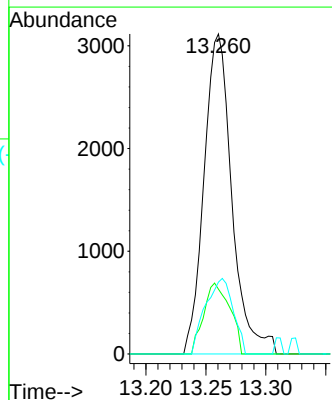
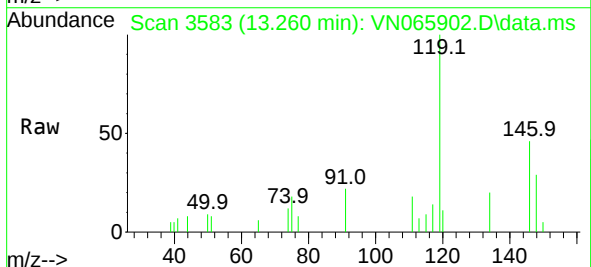
Instrument :
MSVOA_N
ClientSampled :
IBLK

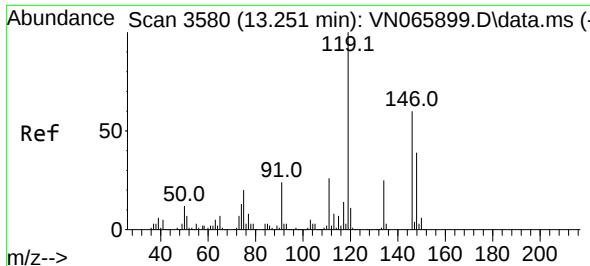
Tgt Ion:105 Resp: 5274
Ion Ratio Lower Upper
105 100
134 17.3 10.0 30.0



#86
p-Isopropyltoluene
Concen: 0.78 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:119 Resp: 5043
Ion Ratio Lower Upper
119 100
134 20.8 13.3 39.8
91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 0.90 ug/l

RT: 13.251 min Scan# 3580

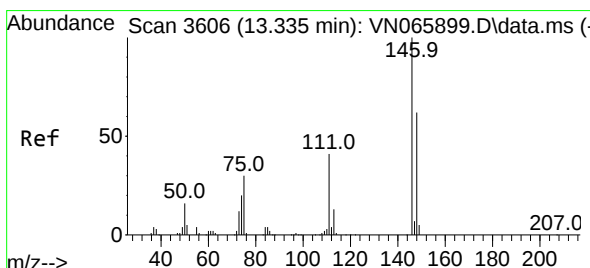
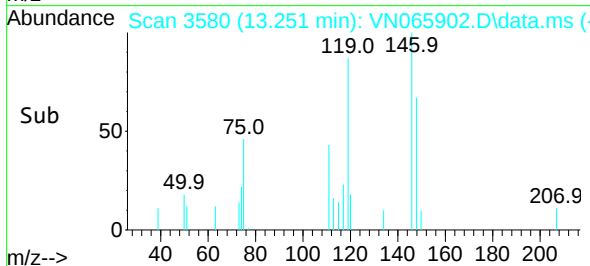
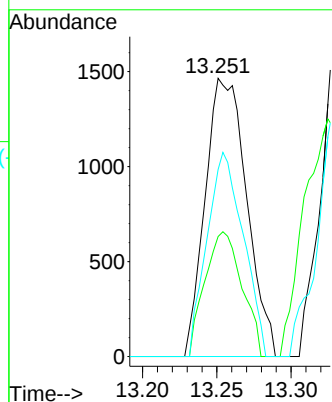
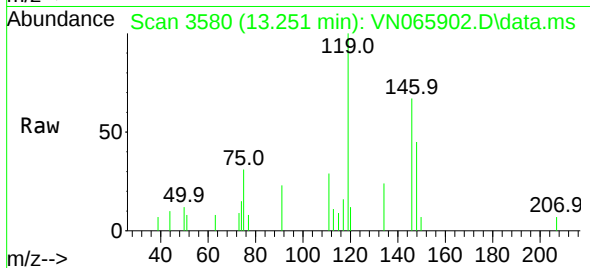
Delta R.T. -0.000 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion:	146	Resp:	2843
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	64.4	32.3	96.9

Instrument :
MSVOA_N
ClientSampled :
IBLK



#88

1,4-Dichlorobenzene

Concen: 0.88 ug/l

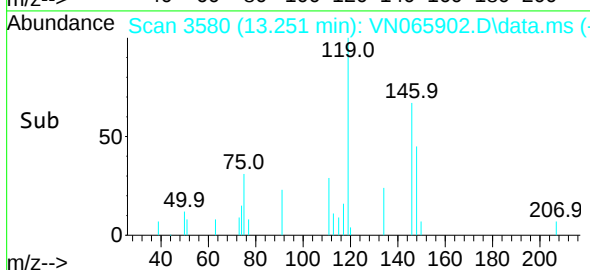
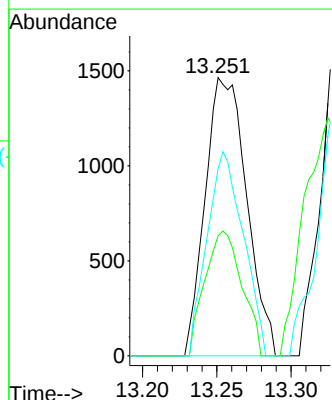
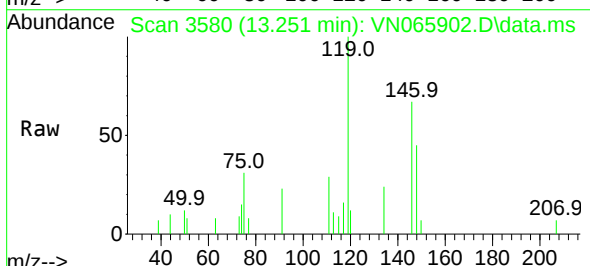
RT: 13.251 min Scan# 3580

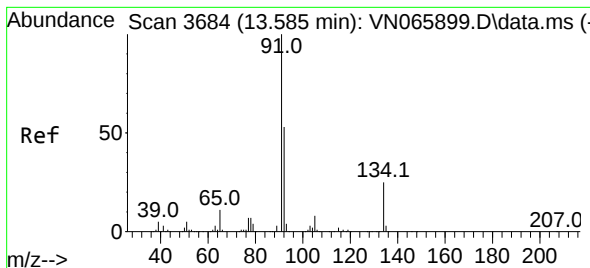
Delta R.T. -0.084 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion:	146	Resp:	2843
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.0	57.0
148	64.4	31.8	95.3





#89

n-Butylbenzene

Concen: 1.14 ug/l

RT: 13.588 min Scan# 3685

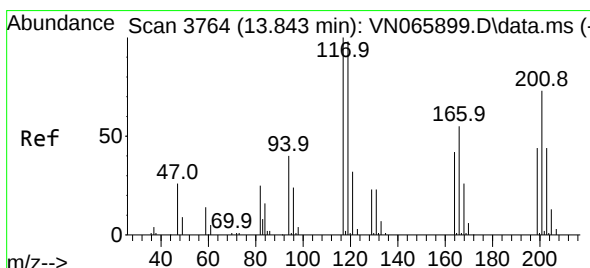
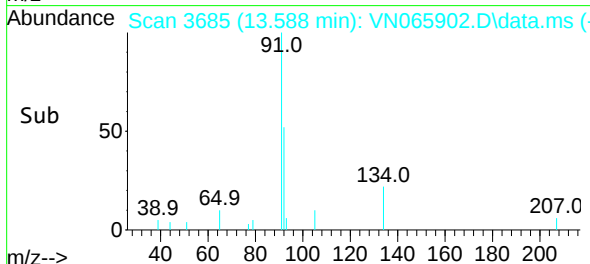
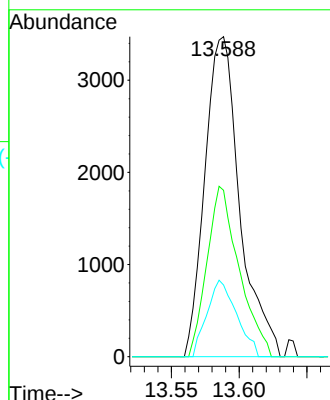
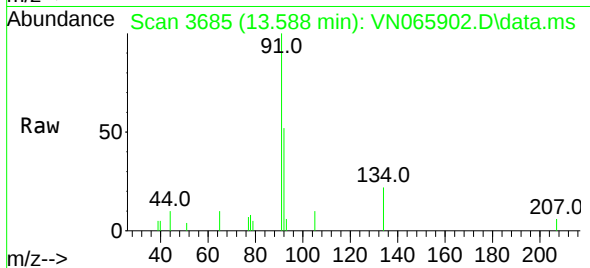
Delta R.T. 0.003 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion: 91	Resp: 6220
Ion Ratio	Lower Upper
91	100
92	48.9 26.1 78.3
134	20.3 13.0 38.9

Instrument :
MSVOA_N
ClientSampled :
IBLK



#90

Hexachloroethane

Concen: 0.49 ug/l

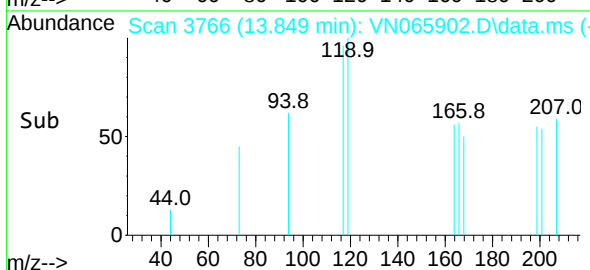
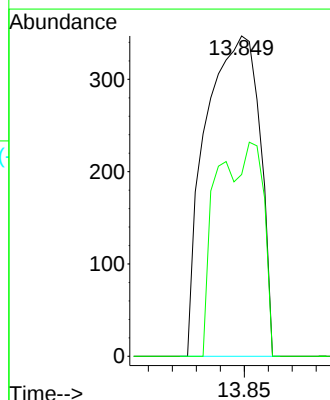
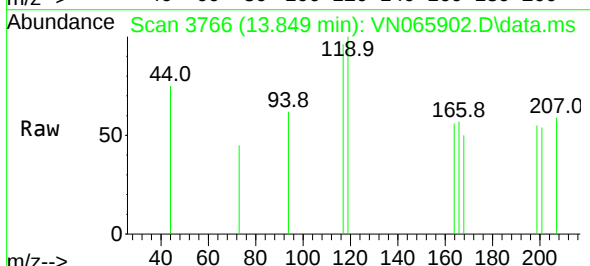
RT: 13.849 min Scan# 3766

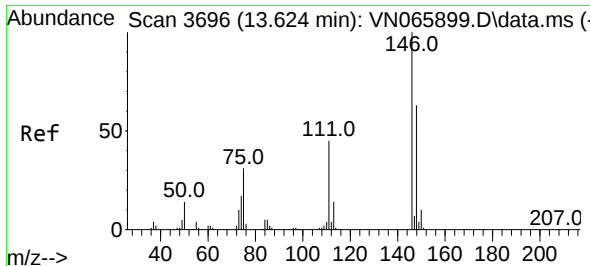
Delta R.T. 0.006 min

Lab File: VN065902.D

Acq: 17 Feb 2021 15:46

Tgt Ion: 117	Resp: 542
Ion Ratio	Lower Upper
117	100
201	28.0 37.8 113.3#

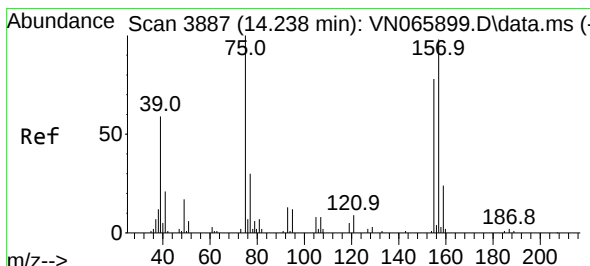
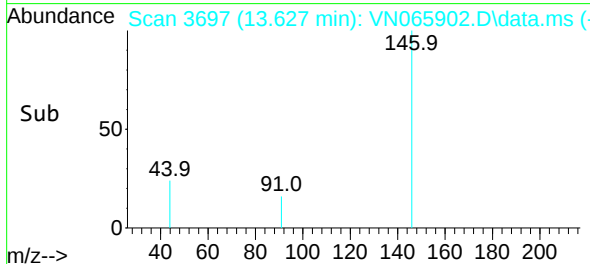
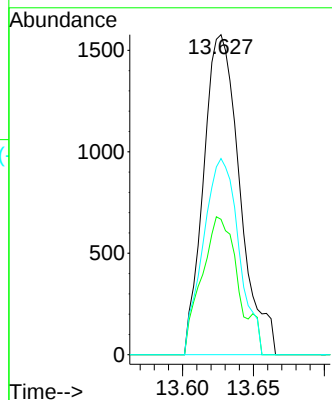
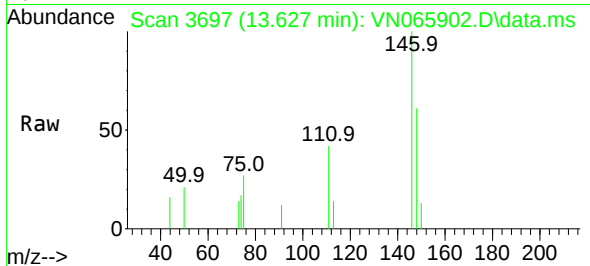




#91
1,2-Dichlorobenzene
Concen: 0.89 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

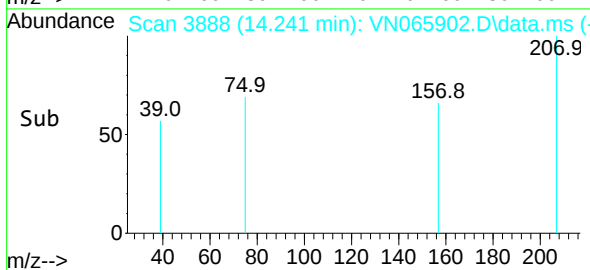
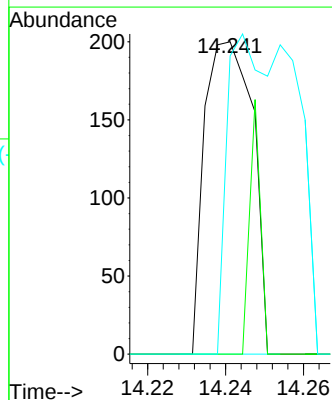
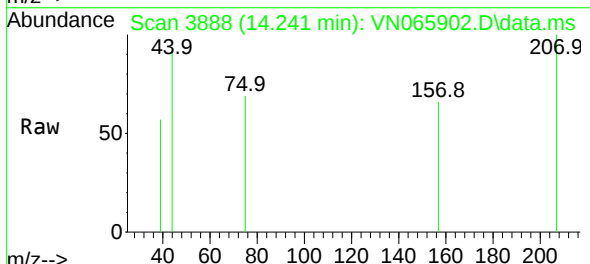
Instrument :
MSVOA_N
ClientSampled :
IBLK

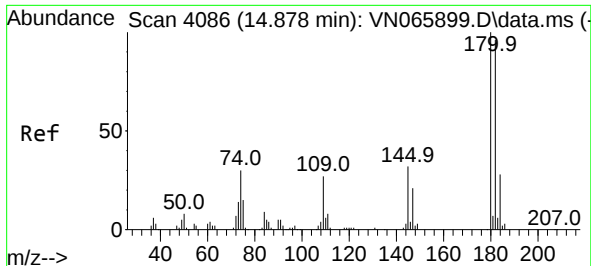
Tgt Ion:146 Resp: 2817
Ion Ratio Lower Upper
146 100
111 43.4 20.1 60.3
148 60.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.22 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
155 18.0 44.1 132.4#
157 84.9 56.0 168.2

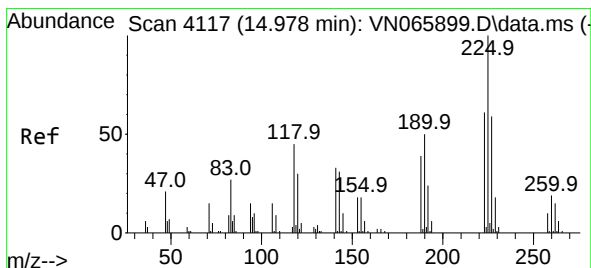
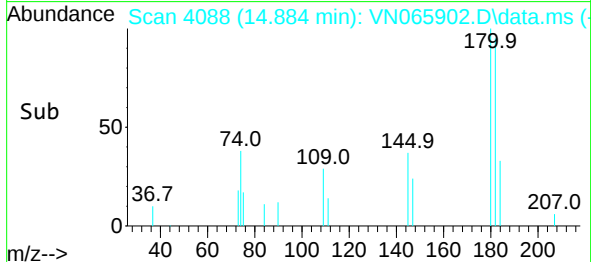
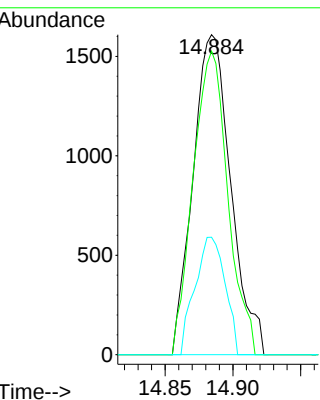
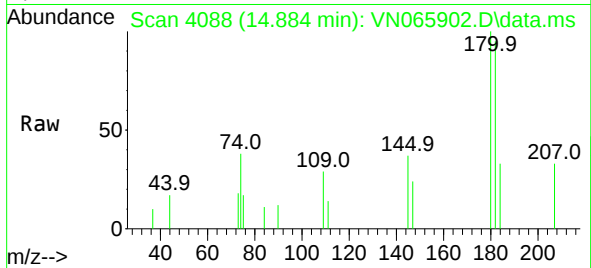




#93
1,2,4-Trichlorobenzene
Concen: 4.19 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

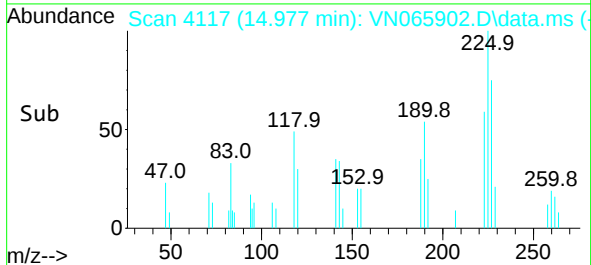
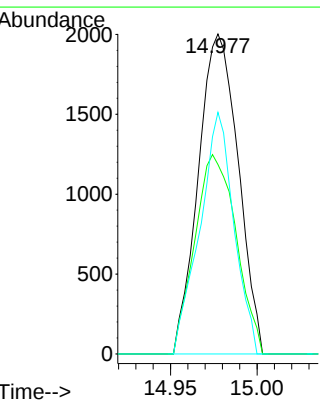
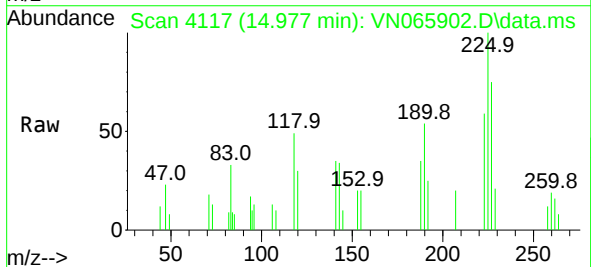
Instrument :
MSVOA_N
ClientSampled :
IBLK

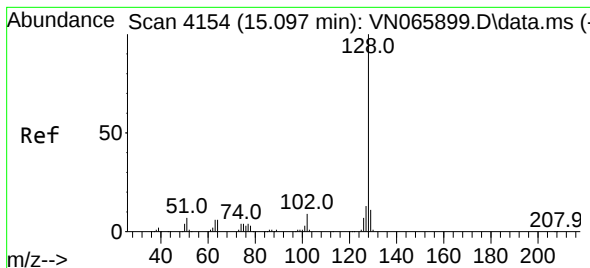
Tgt Ion:180 Resp: 3121
Ion Ratio Lower Upper
180 100
182 87.2 47.3 142.0
145 29.2 15.6 46.8



#94
Hexachlorobutadiene
Concen: 4.35 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. -0.001 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:225 Resp: 3209
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.9
227 64.5 31.6 95.0

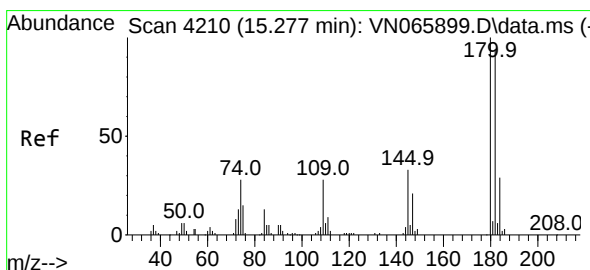
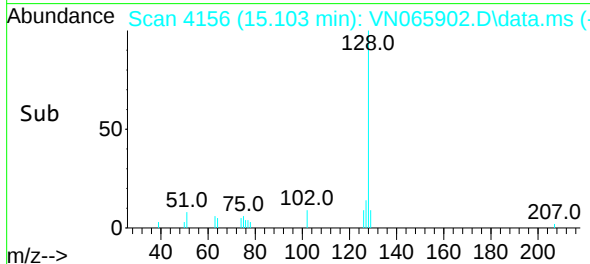
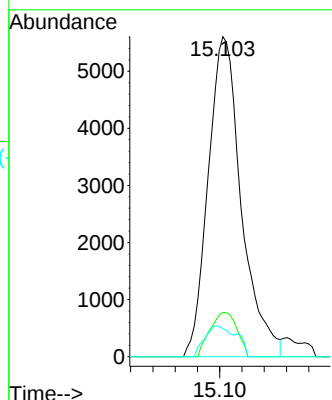
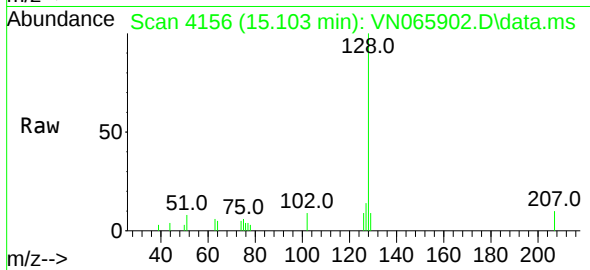




#95
Naphthalene
Concen: 5.01 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.006 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:128	Resp:	11600
Ion Ratio	Lower	Upper
128	100	
127	11.2	10.2 15.2
129	9.1	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.73 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. 0.003 min
Lab File: VN065902.D
Acq: 17 Feb 2021 15:46

Tgt Ion:180	Resp:	4594
Ion Ratio	Lower	Upper
180	100	
182	88.6	47.4 142.3
145	29.0	16.5 49.5

