

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066801.D
 Acq On : 28 Apr 2021 10:42
 Operator : JC/MD
 Sample : VN0428MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 28 14:57:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

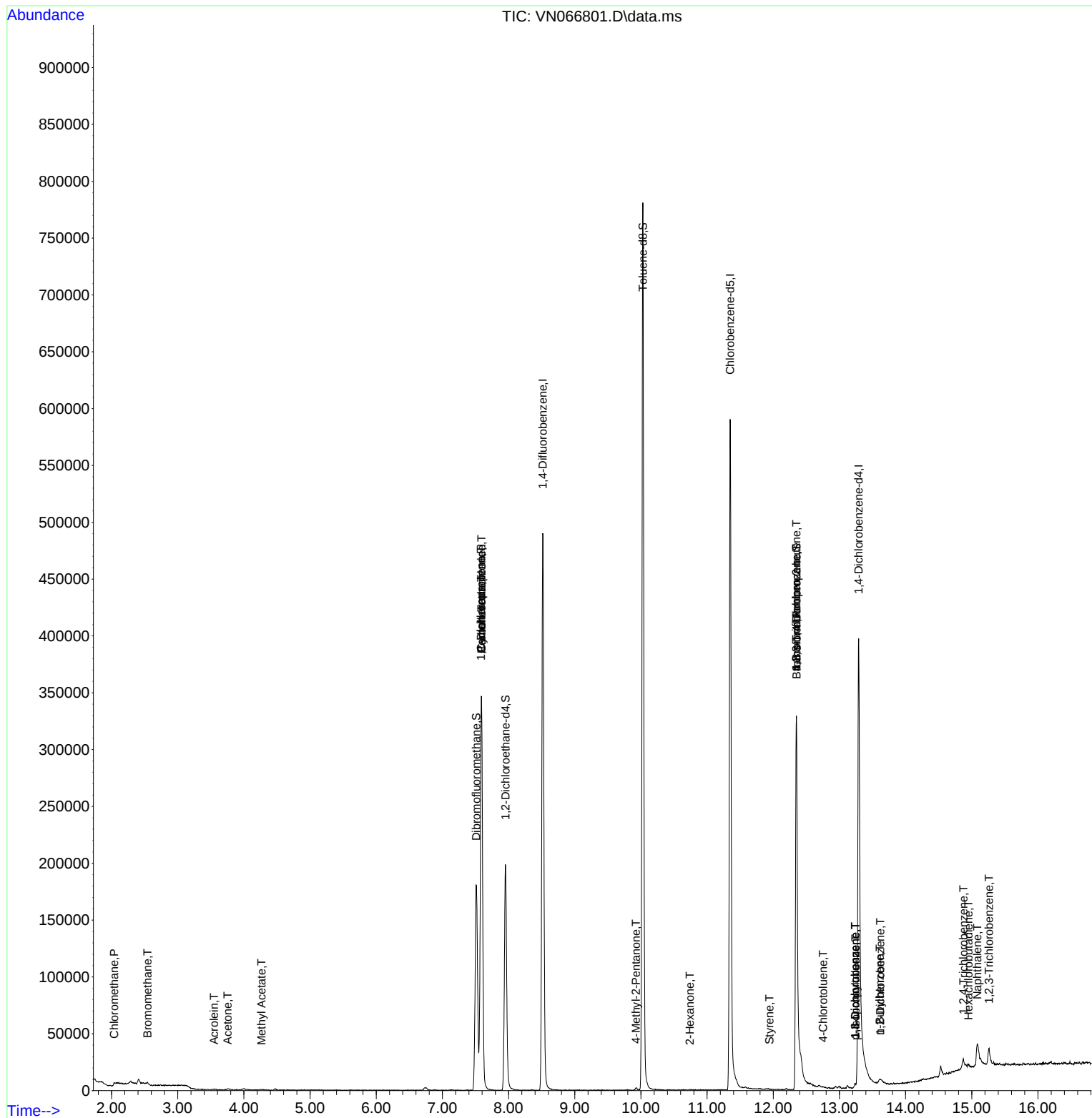
Internal Standards						
1) Pentafluorobenzene	7.591	168	315648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	476070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	401794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	169745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	171942	42.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.80%		
35) Dibromofluoromethane	7.513	113	148068	50.39	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.78%		
50) Toluene-d8	10.029	98	561120	48.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.30%		
62) 4-Bromofluorobenzene	12.349	95	161395	41.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	82.70%		
Target Compounds						
						Qvalue
3) Chloromethane	2.039	50	1099	0.24	ug/l	99
5) Bromomethane	2.543	94	804	0.28	ug/l	100
13) Acrolein	3.547	56	468	0.90	ug/l #	34
16) Acetone	3.753	43	684	0.45	ug/l #	86
18) Methyl Acetate	4.265	43	1462	1.46	ug/l #	51
31) Cyclohexane	7.588	56	5302	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.586	75	20943	4.73	ug/l #	48
38) Carbon Tetrachloride	7.591	117	26839	6.33	ug/l #	16
51) 4-Methyl-2-Pentanone	9.924	43	2247	0.55	ug/l #	60
59) 2-Hexanone	10.737	43	279	19.62	ug/l #	23
70) Styrene	11.941	104	257	3.07	ug/l #	39
71) Bromoform	12.351	173	907	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	77784	21.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	77784	59.22	ug/l #	12
82) 4-Chlorotoluene	12.751	91	1728	0.21	ug/l #	43
86) p-Isopropyltoluene	13.242	119	2622	0.26	ug/l #	67
87) 1,3-Dichlorobenzene	13.239	146	1285	0.25	ug/l	91
88) 1,4-Dichlorobenzene	13.239	146	1285	0.23	ug/l	90
89) n-Butylbenzene	13.609	91	2939	0.34	ug/l #	41
91) 1,2-Dichlorobenzene	13.617	146	1166	0.22	ug/l #	58
93) 1,2,4-Trichlorobenzene	14.872	180	4426	1.51	ug/l	78
94) Hexachlorobutadiene	14.950	225	763	0.47	ug/l	90
95) Naphthalene	15.084	128	29951	3.97	ug/l	95
96) 1,2,3-Trichlorobenzene	15.261	180	7499	2.65	ug/l	97

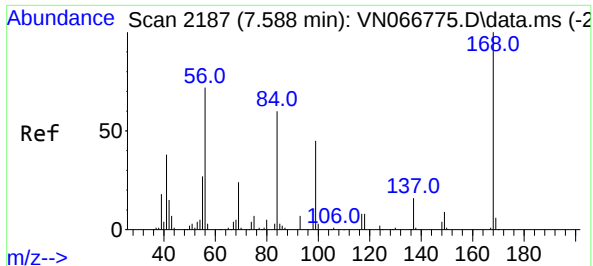
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
Data File : VN066801.D
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Sample : VN0428MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Apr 28 14:57:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

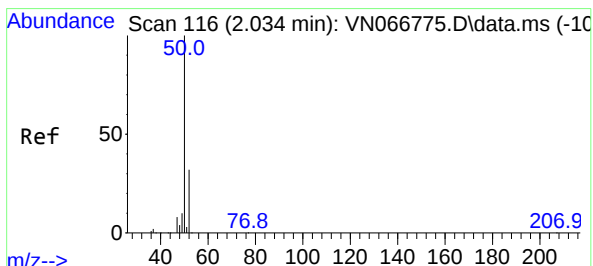
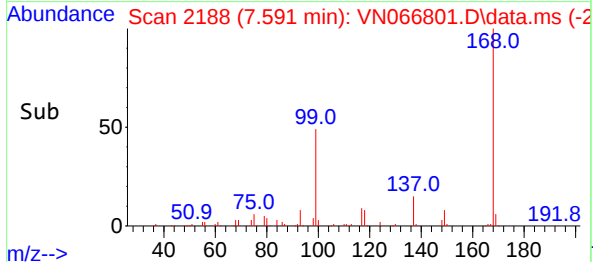
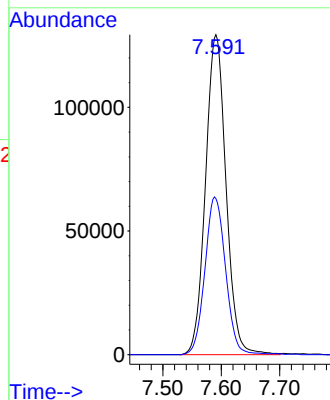
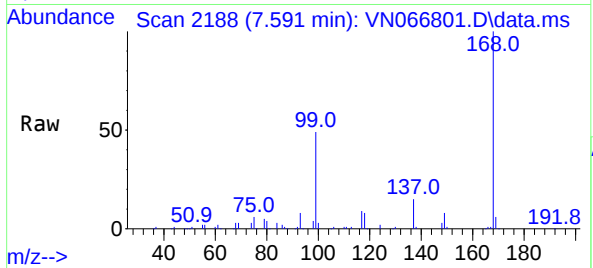




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

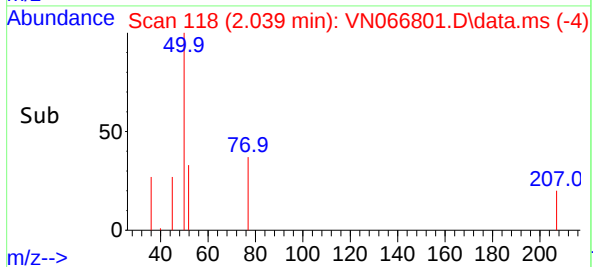
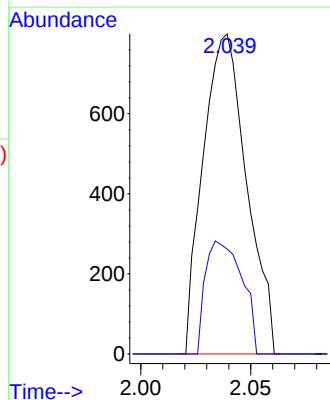
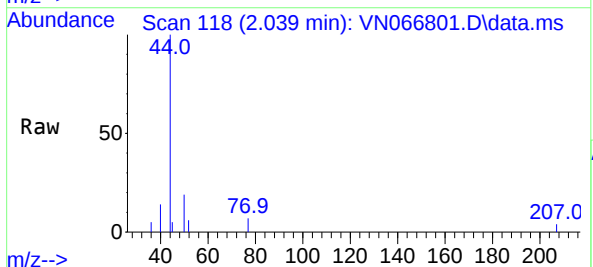
Instrument :
MSVOA_N
ClientSampled :

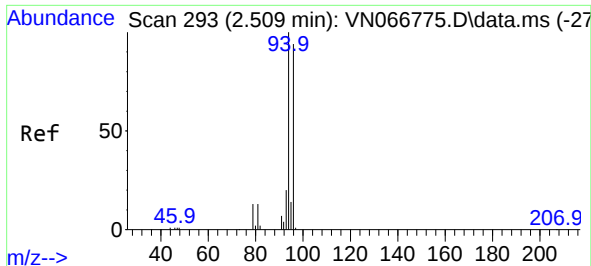
Tgt Ion:168 Resp: 315648
Ion Ratio Lower Upper
168 100
99 48.8 42.6 63.8



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.039 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion: 50 Resp: 1099
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8

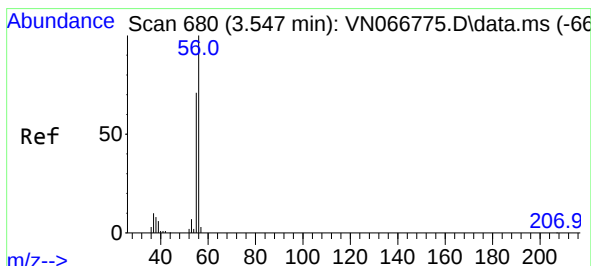
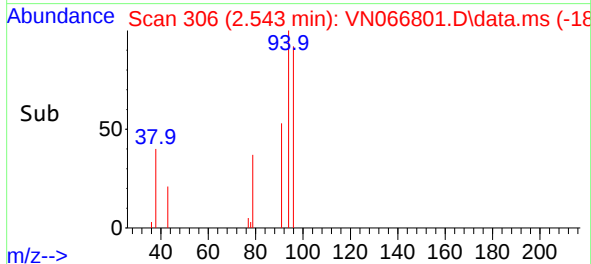
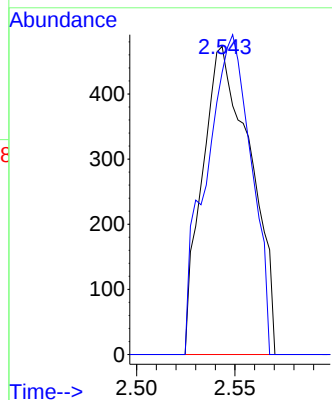
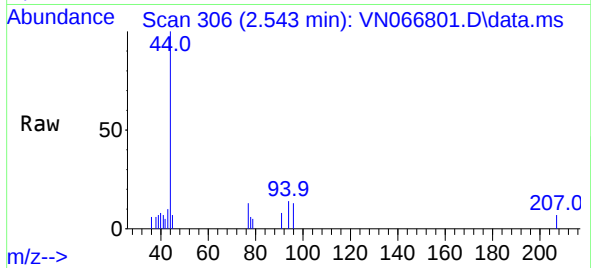




#5
Bromomethane
Concen: 0.28 ug/l
RT: 2.543 min Scan# 306
Delta R.T. 0.034 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

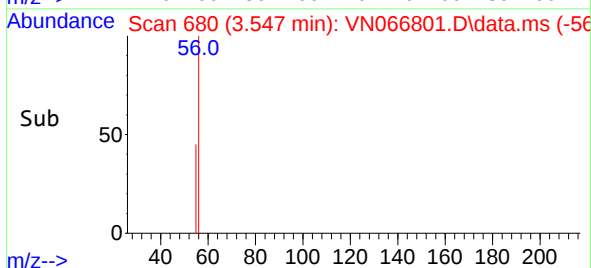
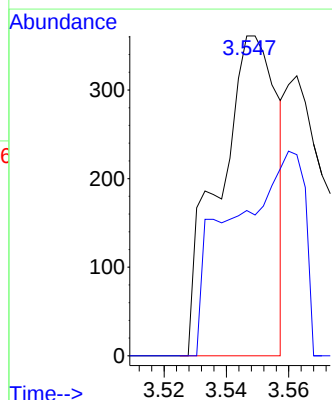
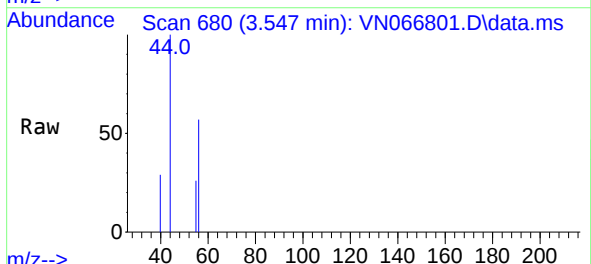
Instrument :
MSVOA_N
ClientSampled :

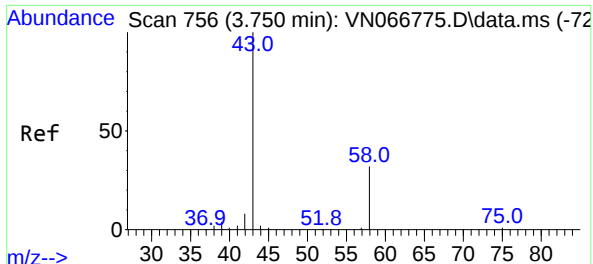
Tgt Ion: 94 Resp: 804
Ion Ratio Lower Upper
94 100
96 91.5 73.0 109.4



#13
Acrolein
Concen: 0.90 ug/l
RT: 3.547 min Scan# 680
Delta R.T. -0.000 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion: 56 Resp: 468
Ion Ratio Lower Upper
56 100
55 15.8 56.0 84.0#

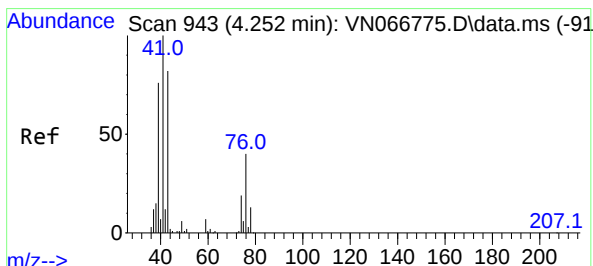
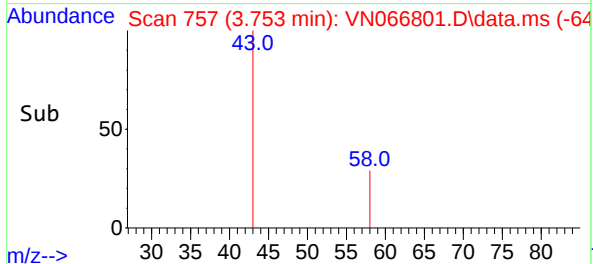
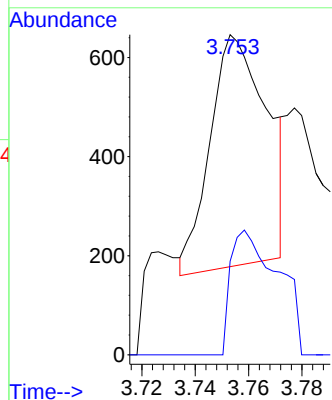
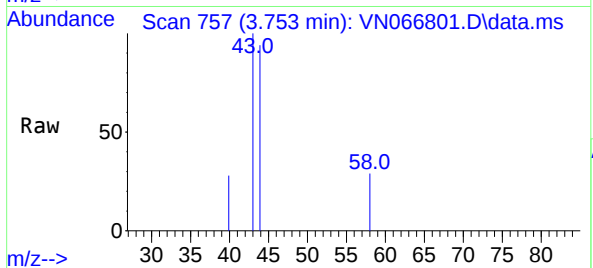




#16
Acetone
Concen: 0.45 ug/l
RT: 3.753 min Scan# 757
Delta R.T. 0.003 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

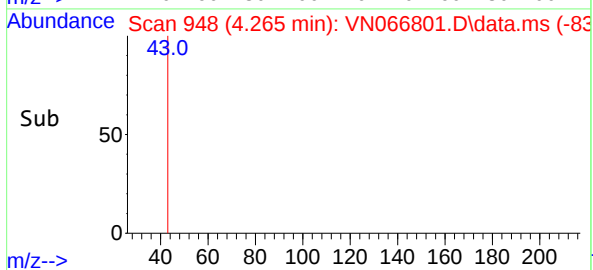
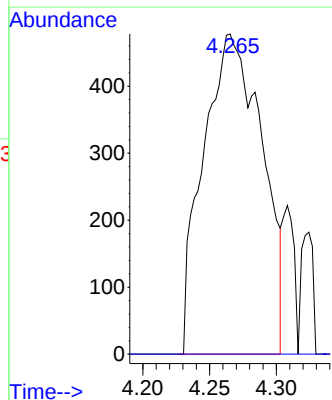
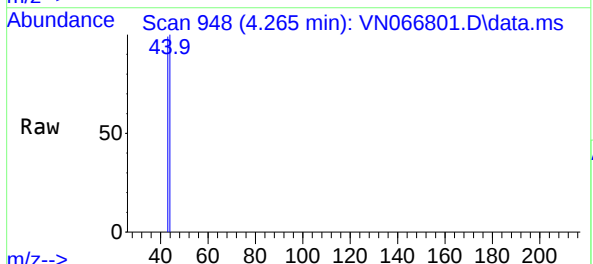
Instrument :
MSVOA_N
ClientSampled :

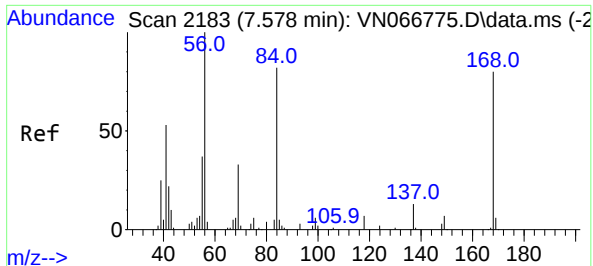
Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 42.0 27.0 40.6#



#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 4.265 min Scan# 948
Delta R.T. 0.013 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

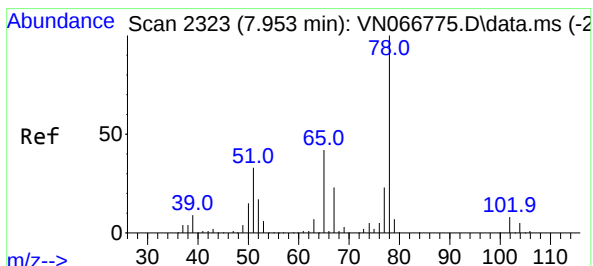
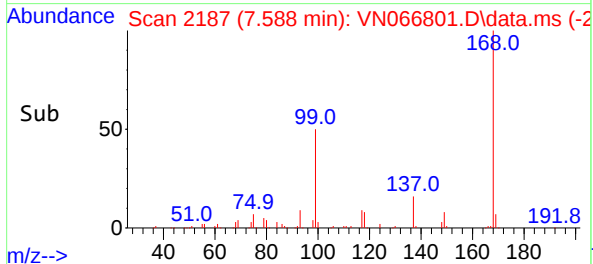
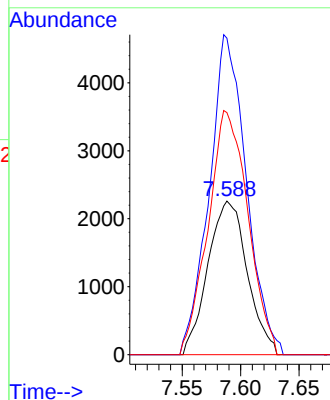
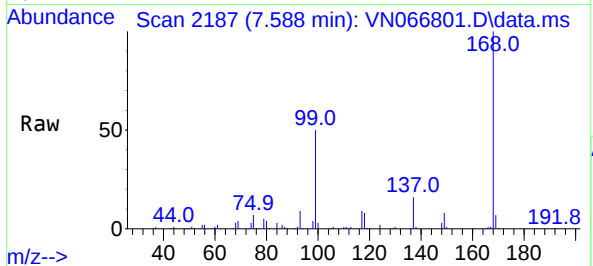




#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

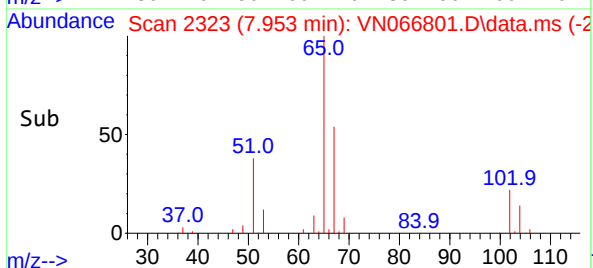
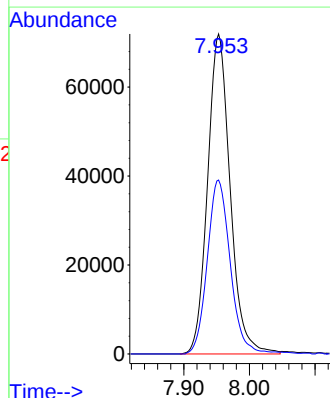
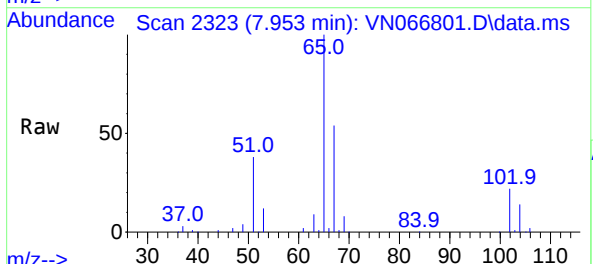
Instrument :
MSVOA_N
ClientSampled :

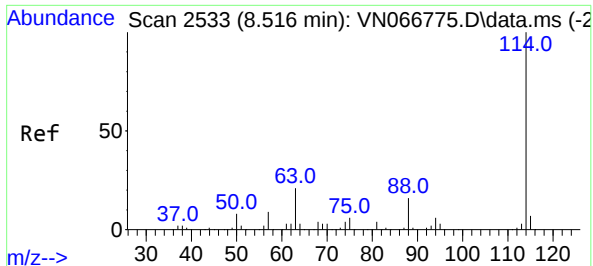
Tgt Ion: 56 Resp: 5302
Ion Ratio Lower Upper
56 100
69 206.1 26.6 39.8#
84 157.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.40 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion: 65 Resp: 171942
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.2

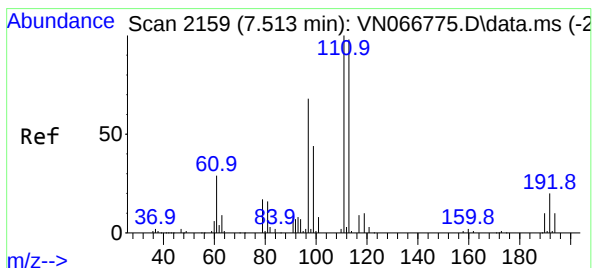
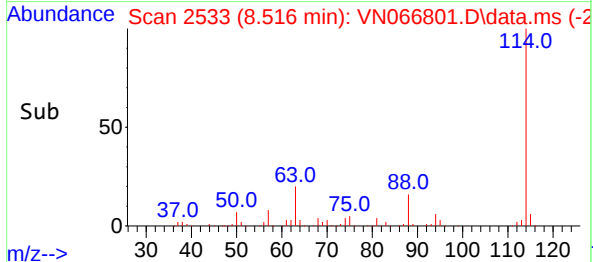
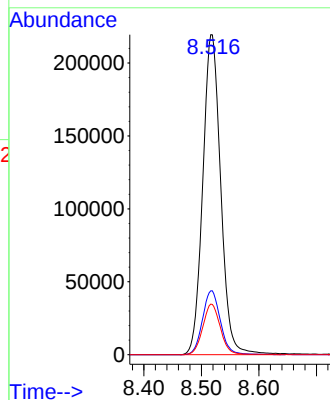
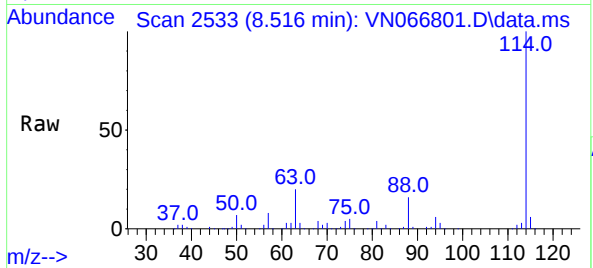




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. 0.000 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

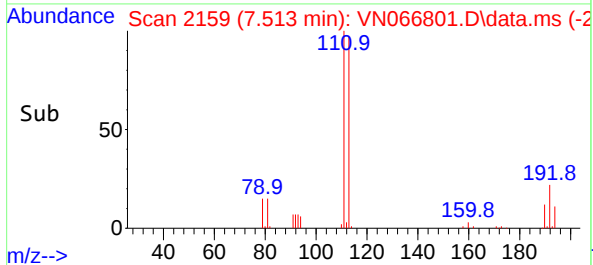
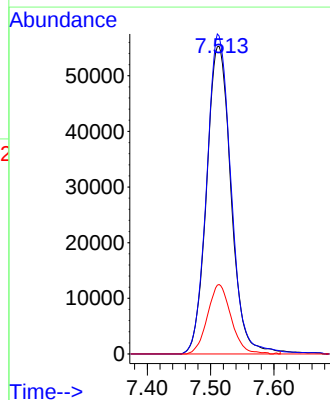
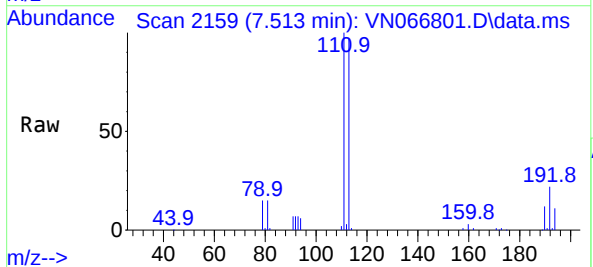
Instrument :
MSVOA_N
ClientSampled :

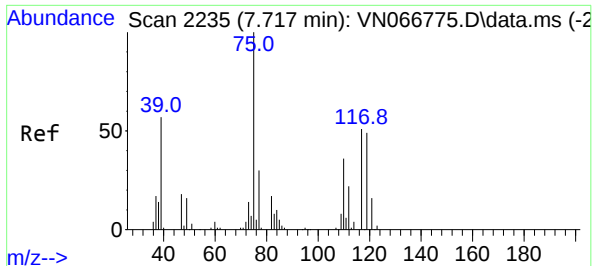
Tgt Ion:114 Resp: 476070
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.39 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion:113 Resp: 148068
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.9 15.4 23.0

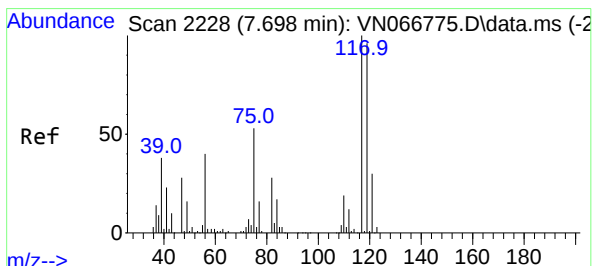
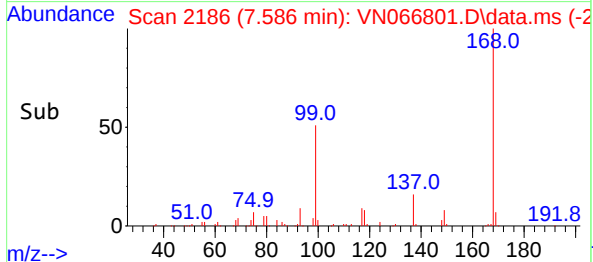
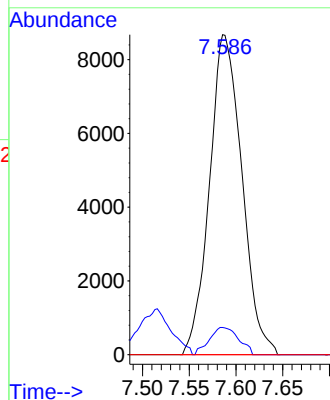
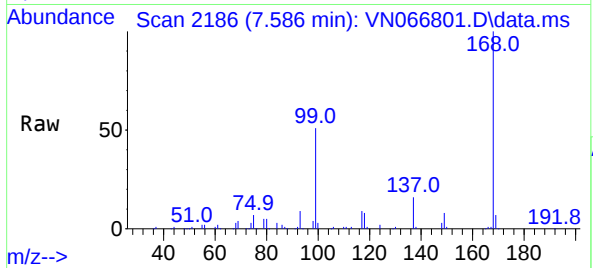




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.131 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

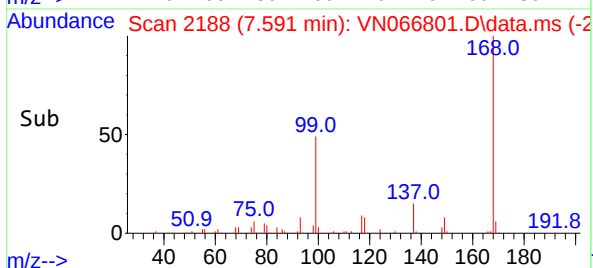
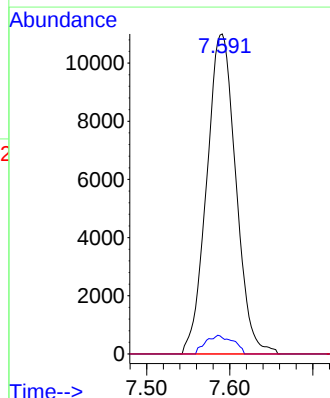
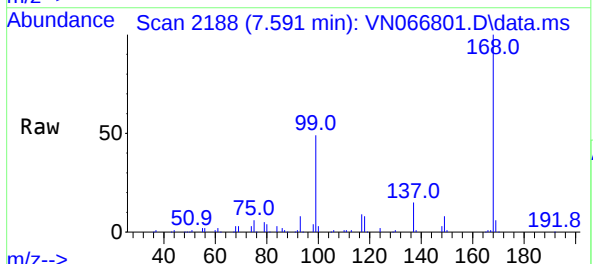
Instrument :
MSVOA_N
ClientSampled :

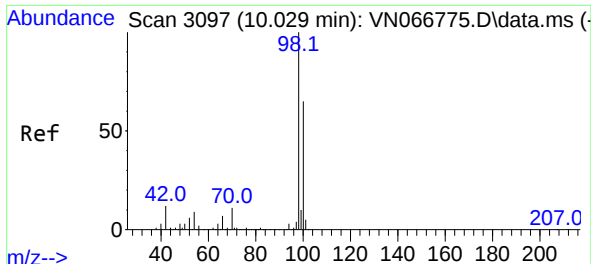
Tgt Ion: 75 Resp: 20943
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion: 117 Resp: 26839
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

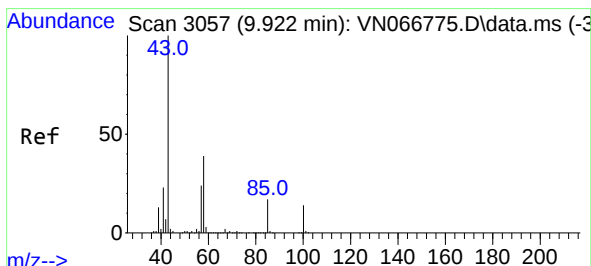
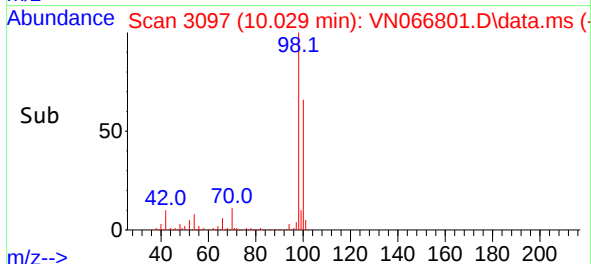
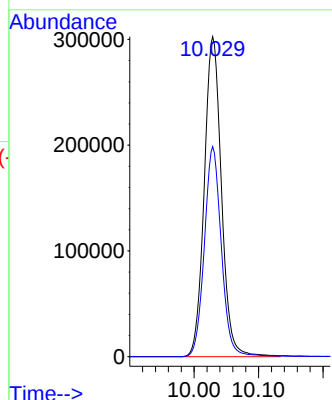
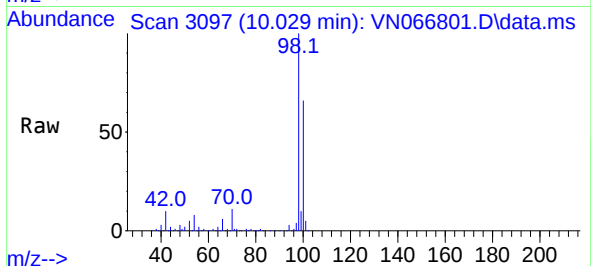




#50
Toluene-d8
Concen: 48.65 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

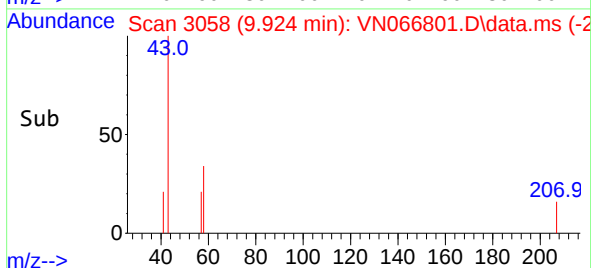
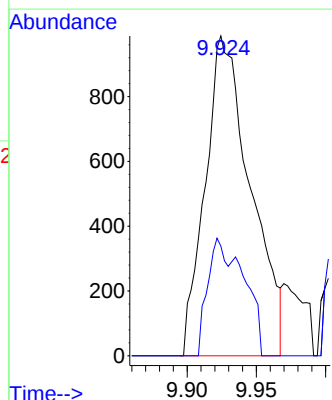
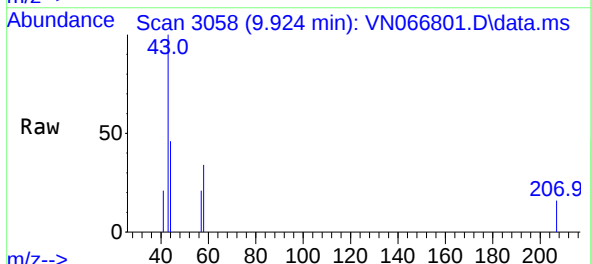
Instrument :
MSVOA_N
ClientSampled :

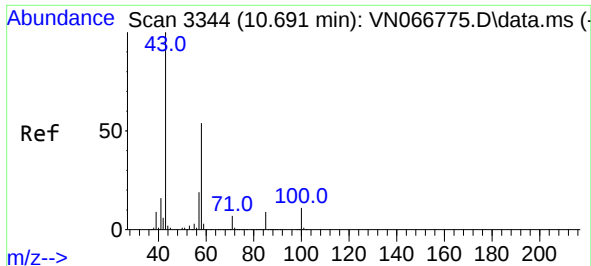
Tgt Ion: 98 Resp: 561120
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

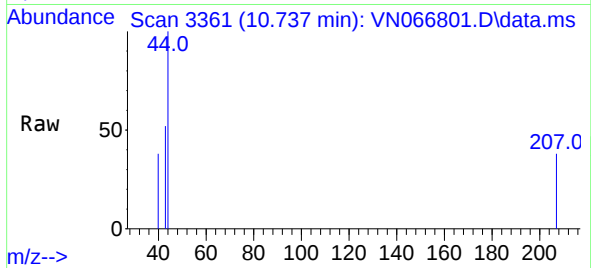
Tgt Ion: 43 Resp: 2247
Ion Ratio Lower Upper
43 100
58 15.6 32.5 48.7#



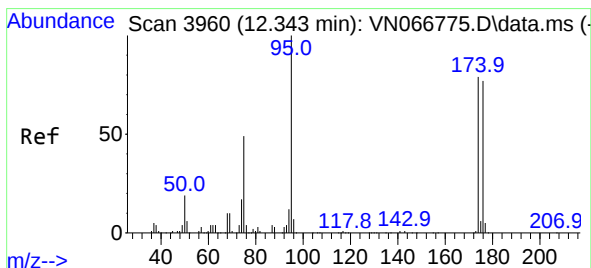
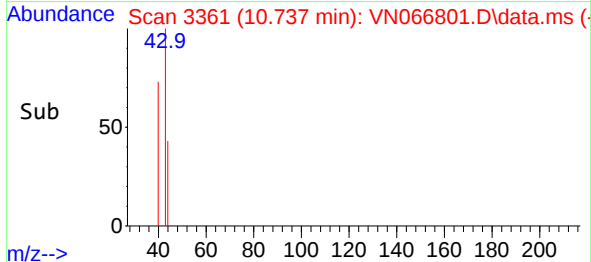
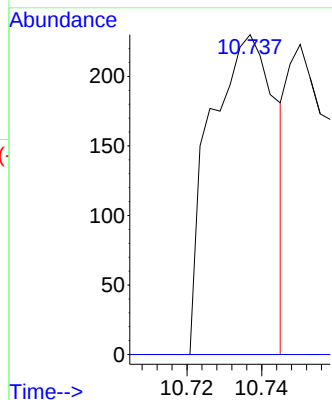


#59
2-Hexanone
Concen: 19.62 ug/l
RT: 10.737 min Scan# 3361
Delta R.T. 0.046 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Instrument :
MSVOA_N
ClientSampled :

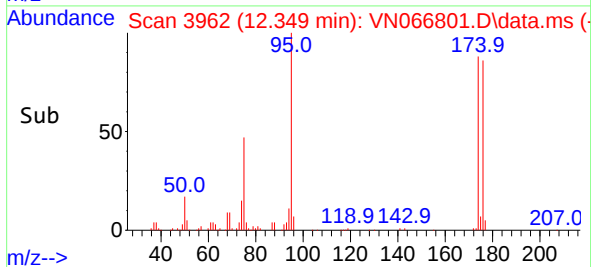
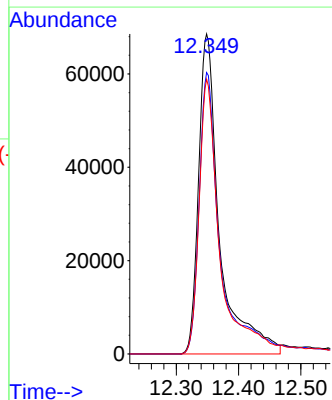
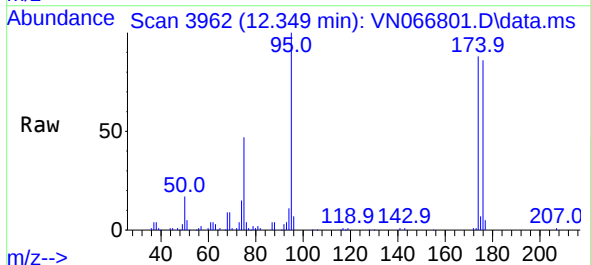


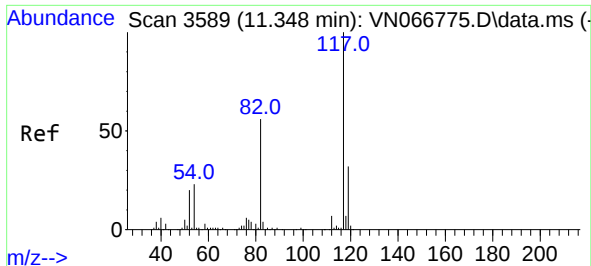
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 41.35 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion: 95 Resp: 161395
Ion Ratio Lower Upper
95 100
174 88.5 0.0 169.0
176 84.2 0.0 162.4

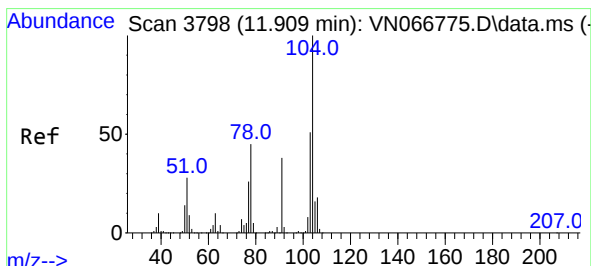
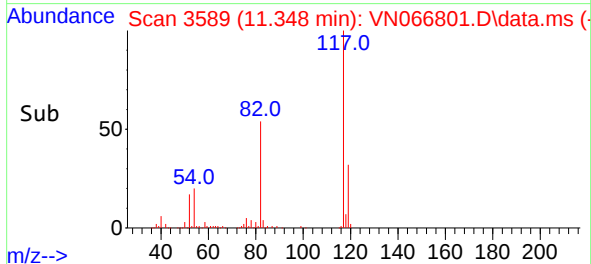
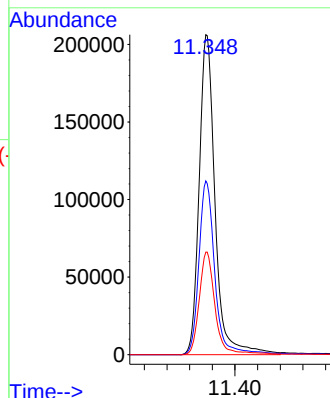
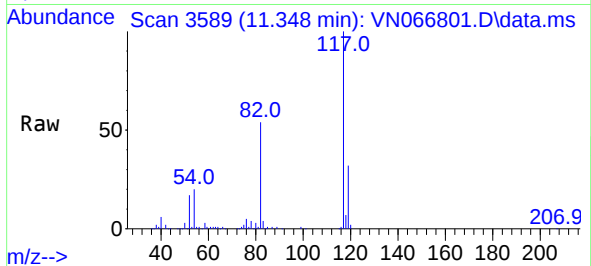




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

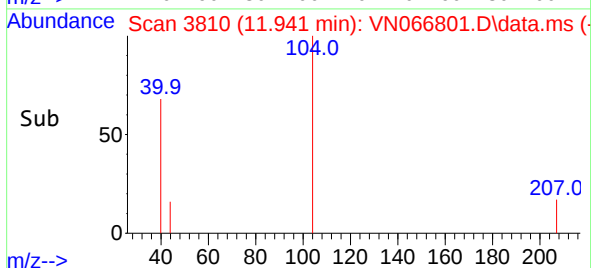
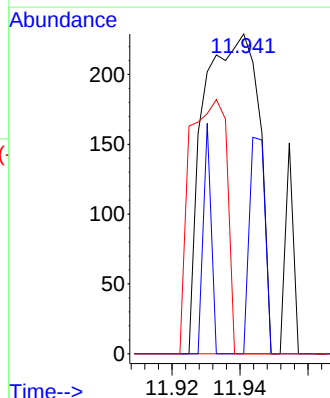
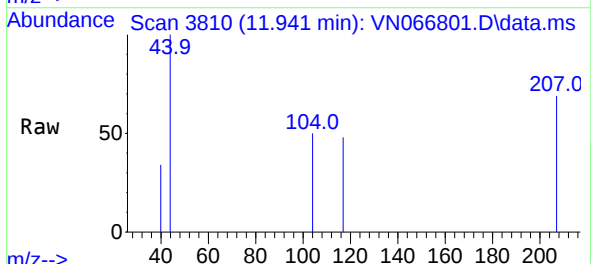
Instrument :
MSVOA_N
ClientSampled :

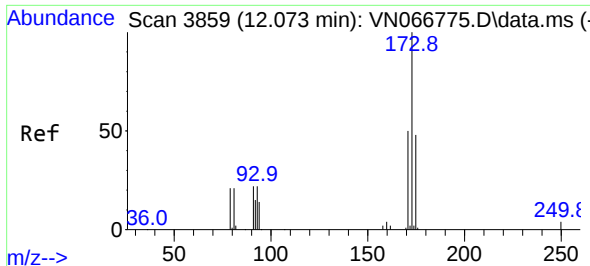
Tgt Ion:117 Resp: 401794
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 32.0 26.1 39.1



#70
Styrene
Concen: 3.07 ug/l
RT: 11.941 min Scan# 3810
Delta R.T. 0.032 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion:104 Resp: 257
Ion Ratio Lower Upper
104 100
78 19.5 39.0 58.4#
103 0.0 44.5 66.7#

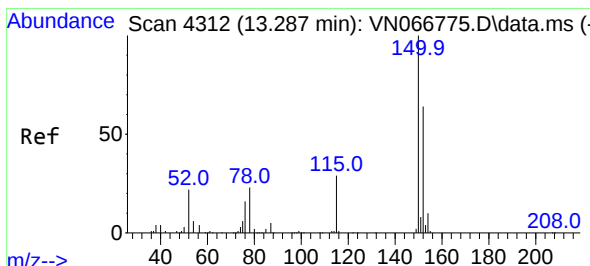
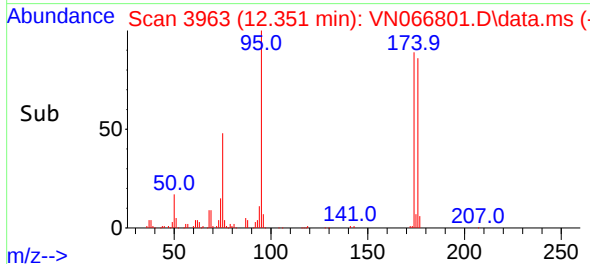
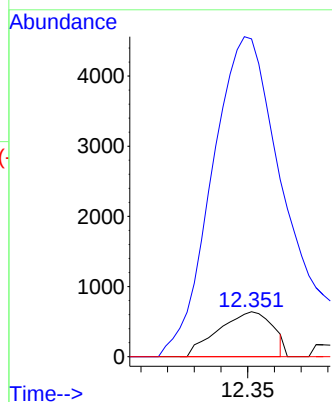
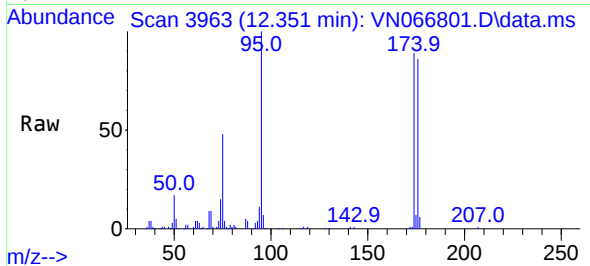




#71
Bromoform
Concen: 0.42 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

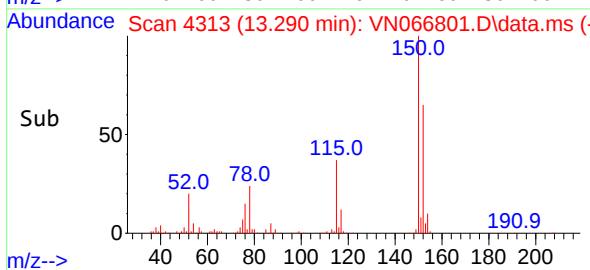
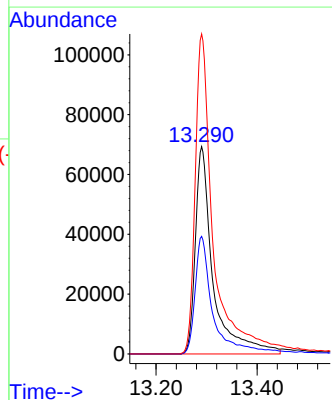
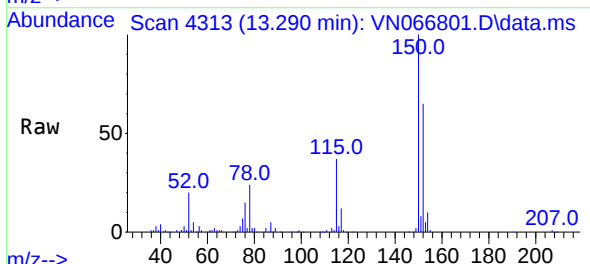
Instrument :
MSVOA_N
ClientSampled :

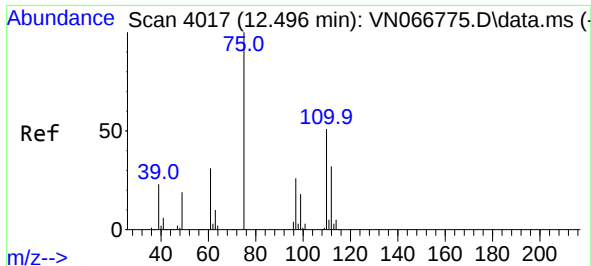
Tgt Ion:173 Resp: 907
Ion Ratio Lower Upper
173 100
175 780.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion:152 Resp: 169745
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.6
150 158.9 0.0 347.6

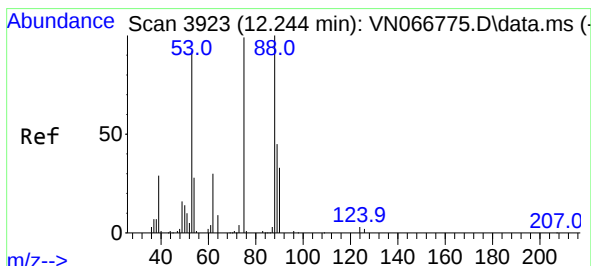
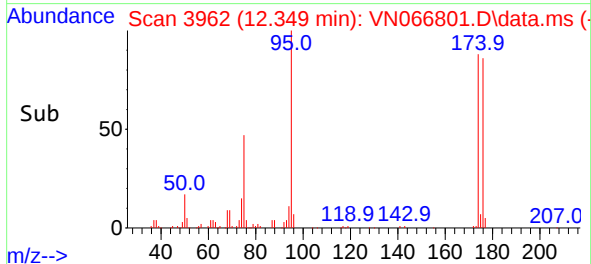
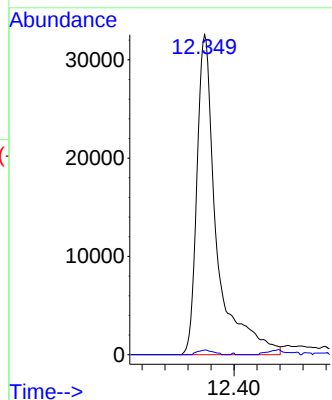
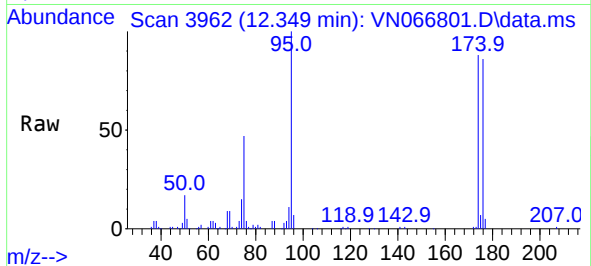




#76
1,2,3-Trichloropropane
Concen: 21.74 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

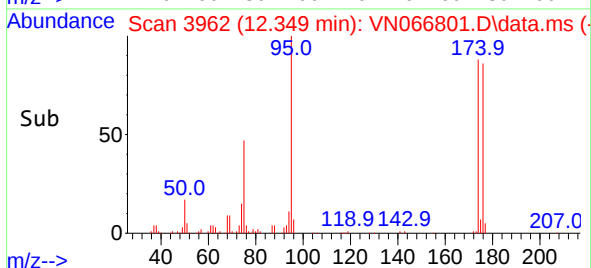
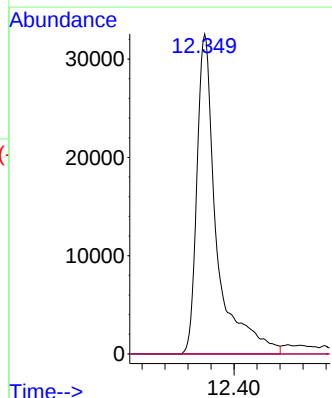
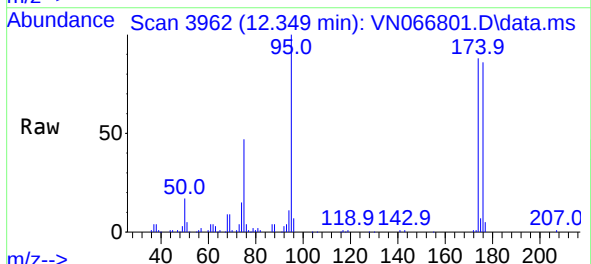
Instrument :
MSVOA_N
ClientSampled :

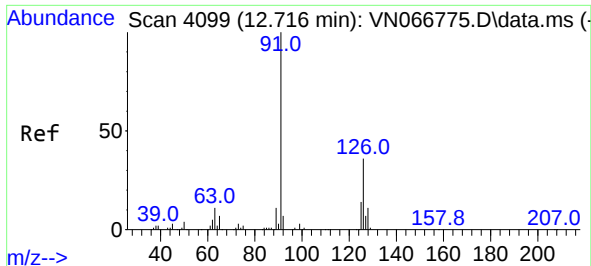
Tgt Ion: 75 Resp: 77784
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.22 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

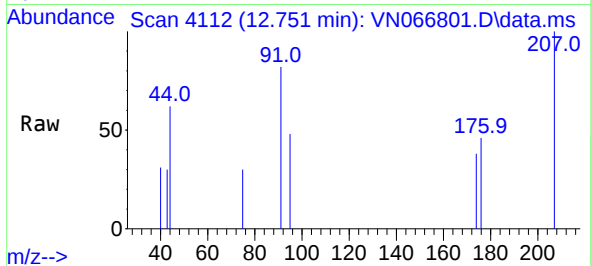
Tgt Ion: 75 Resp: 77784
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



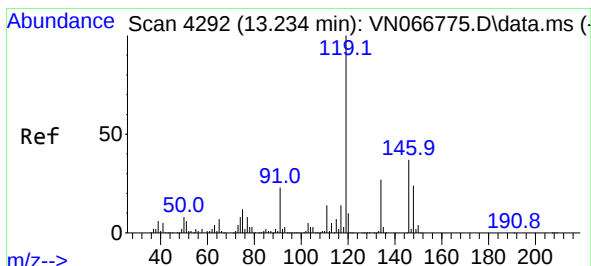
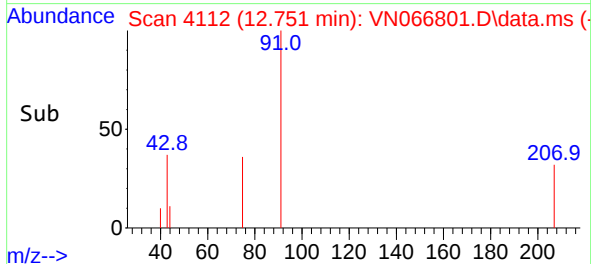
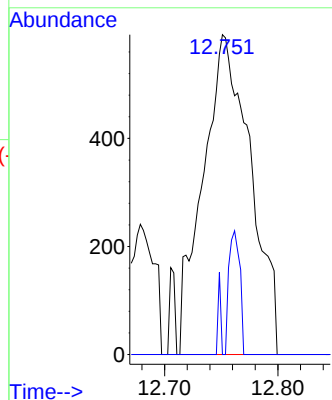


#82
4-Chlorotoluene
Concen: 0.21 ug/l
RT: 12.751 min Scan# 4112
Delta R.T. 0.035 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

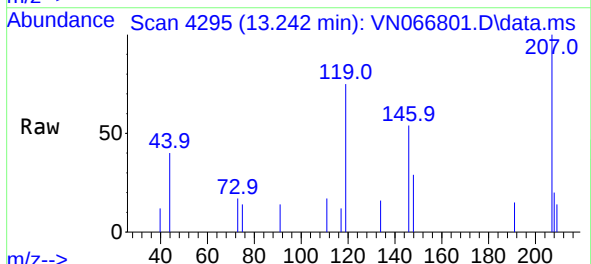
Instrument :
MSVOA_N
ClientSampled :



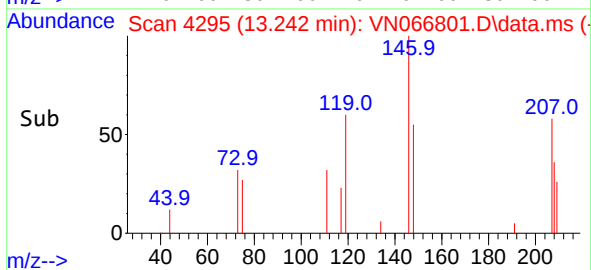
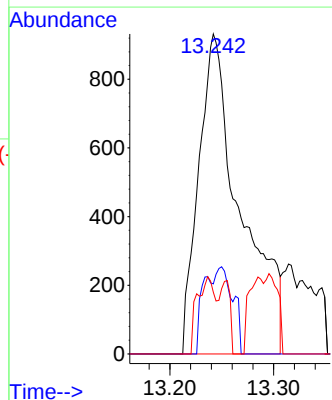
Tgt Ion: 91 Resp: 1728
Ion Ratio Lower Upper
91 100
126 1.4 17.2 51.6#

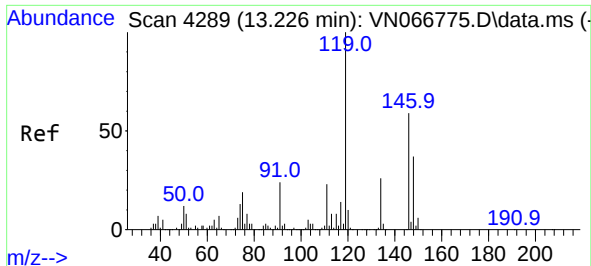


#86
p-Isopropyltoluene
Concen: 0.26 ug/l
RT: 13.242 min Scan# 4295
Delta R.T. 0.008 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42



Tgt Ion: 119 Resp: 2622
Ion Ratio Lower Upper
119 100
134 7.5 13.3 39.8#
91 10.1 11.8 35.3#





#87

1,3-Dichlorobenzene

Concen: 0.25 ug/l

RT: 13.239 min Scan# 4294

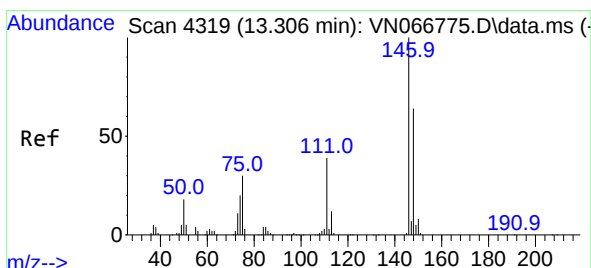
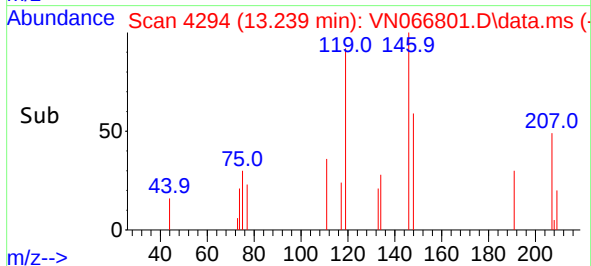
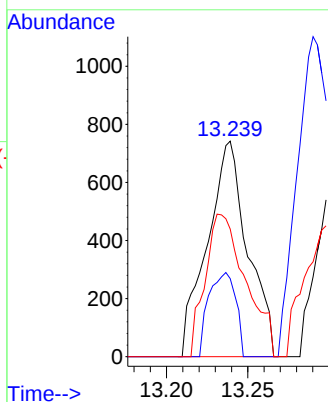
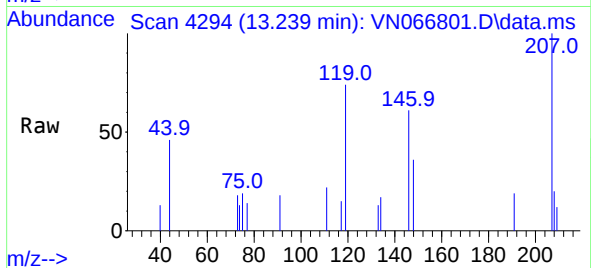
Delta R.T. 0.013 min

Lab File: VN066801.D

Acq: 28 Apr 2021 10:42

Tgt Ion:146	Resp:	1285
Ion Ratio	Lower	Upper
146	100	
111	25.9	19.5 58.5
148	66.2	32.3 96.9

Instrument :
MSVOA_N
ClientSampleId :



#88

1,4-Dichlorobenzene

Concen: 0.23 ug/l

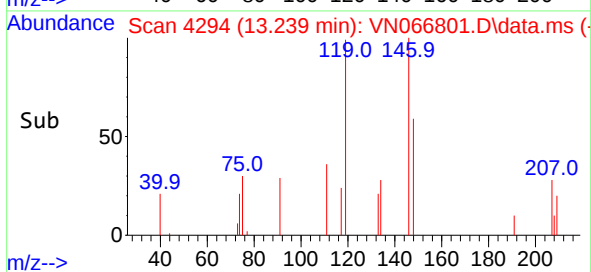
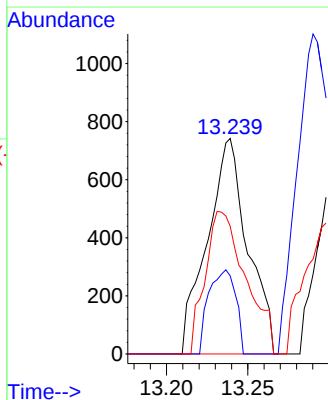
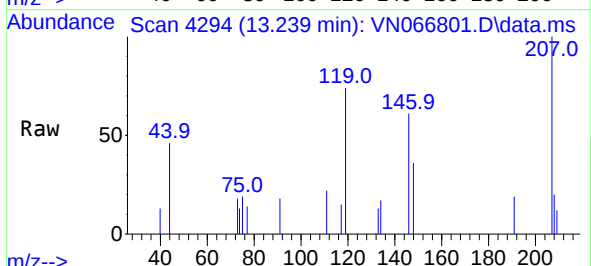
RT: 13.239 min Scan# 4294

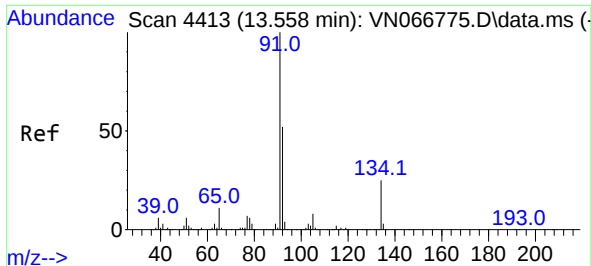
Delta R.T. -0.067 min

Lab File: VN066801.D

Acq: 28 Apr 2021 10:42

Tgt Ion:146	Resp:	1285
Ion Ratio	Lower	Upper
146	100	
111	25.9	19.0 57.0
148	66.2	31.8 95.3

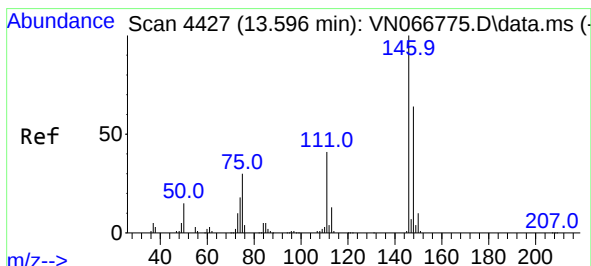
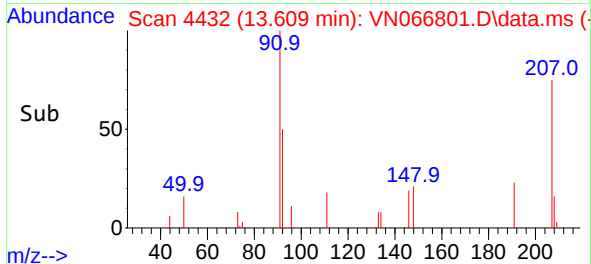
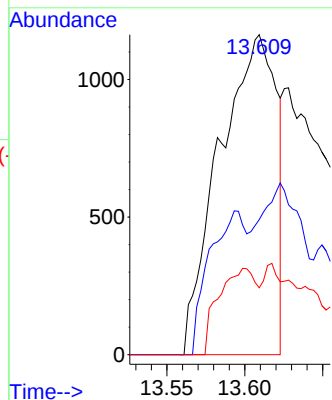
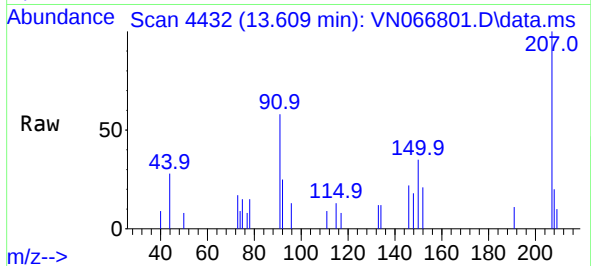




#89
n-Butylbenzene
Concen: 0.34 ug/l
RT: 13.609 min Scan# 4432
Delta R.T. 0.051 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

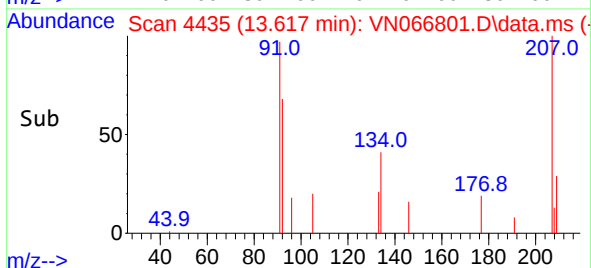
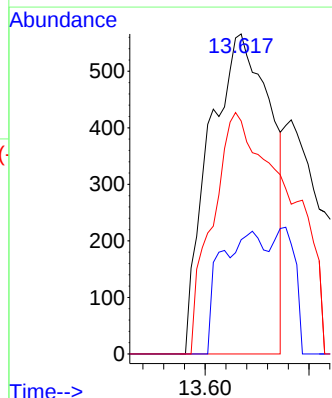
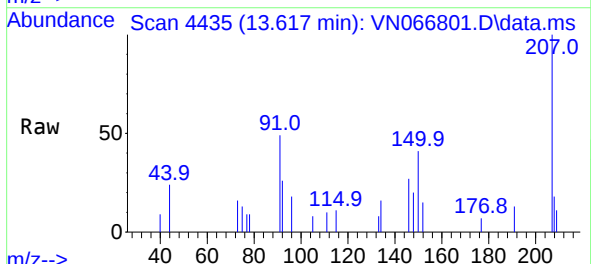
Instrument :
MSVOA_N
ClientSampled :

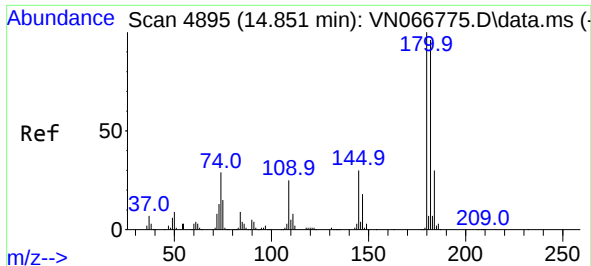
Tgt Ion: 91 Resp: 2939
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 11.7 13.0 38.9#



#91
1,2-Dichlorobenzene
Concen: 0.22 ug/l
RT: 13.617 min Scan# 4435
Delta R.T. 0.021 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion: 146 Resp: 1166
Ion Ratio Lower Upper
146 100
111 9.6 20.1 60.3#
148 93.7 32.0 96.0

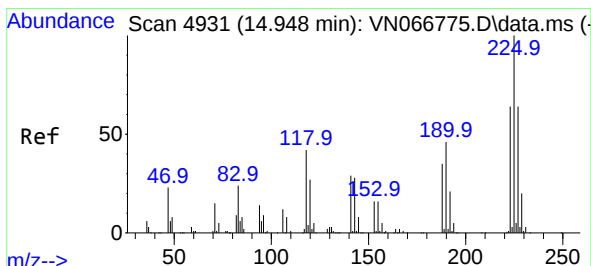
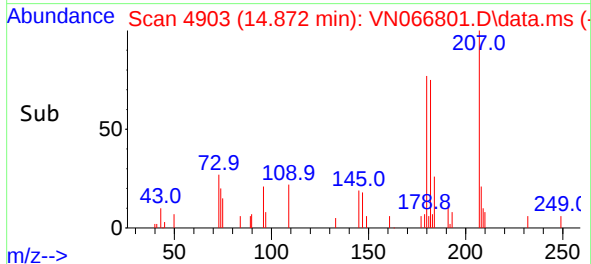
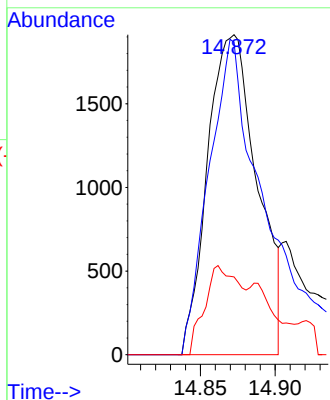
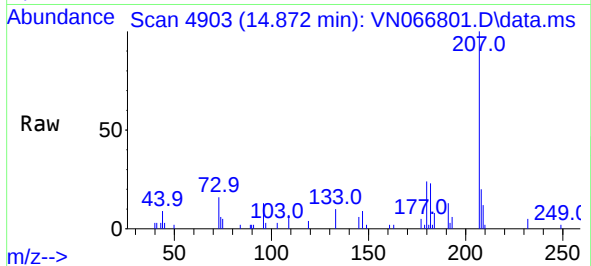




#93
1,2,4-Trichlorobenzene
Concen: 1.51 ug/l
RT: 14.872 min Scan# 4903
Delta R.T. 0.021 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

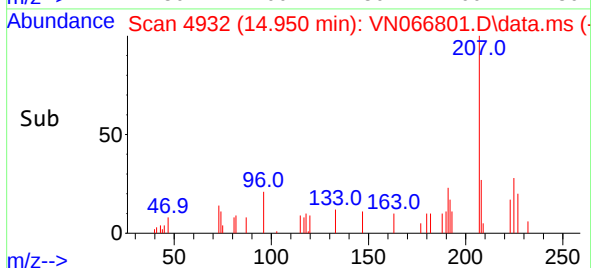
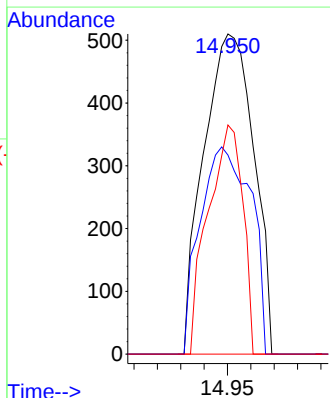
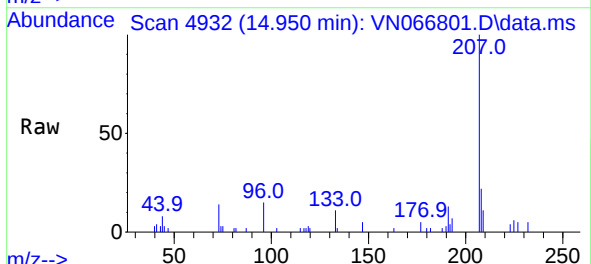
Instrument :
MSVOA_N
ClientSampled :

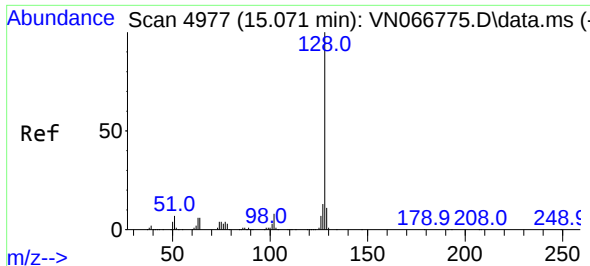
Tgt Ion:	180	Resp:	4426
Ion Ratio	Lower	Upper	
180	100		
182	116.4	47.3	142.0
145	19.9	15.6	46.8



#94
Hexachlorobutadiene
Concen: 0.47 ug/l
RT: 14.950 min Scan# 4932
Delta R.T. 0.002 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion:	225	Resp:	763
Ion Ratio	Lower	Upper	
225	100		
223	65.5	31.9	95.9
227	49.4	31.6	95.0

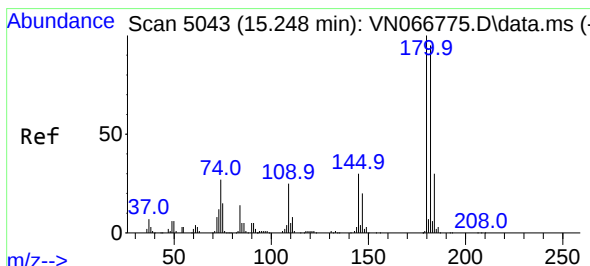
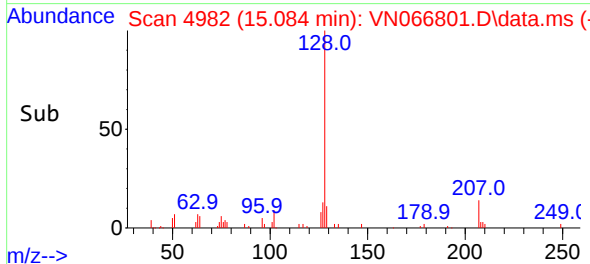
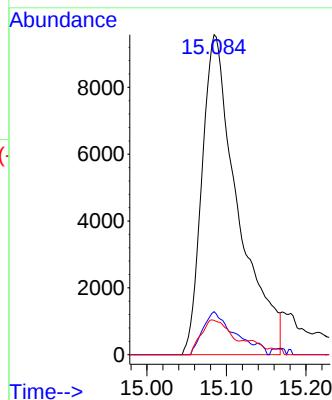
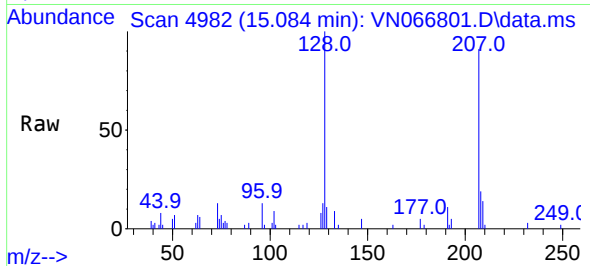




#95
Naphthalene
Concen: 3.97 ug/l
RT: 15.084 min Scan# 4982
Delta R.T. 0.013 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	128	Resp:	29951
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.2
129	8.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.65 ug/l
RT: 15.261 min Scan# 5048
Delta R.T. 0.013 min
Lab File: VN066801.D
Acq: 28 Apr 2021 10:42

Tgt Ion:	180	Resp:	7499
Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.4	142.3
145	30.0	16.5	49.5

