

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066619.D
 Acq On : 15 Apr 2021 18:18
 Operator : JC/MD
 Sample : M2033-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 07:53:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

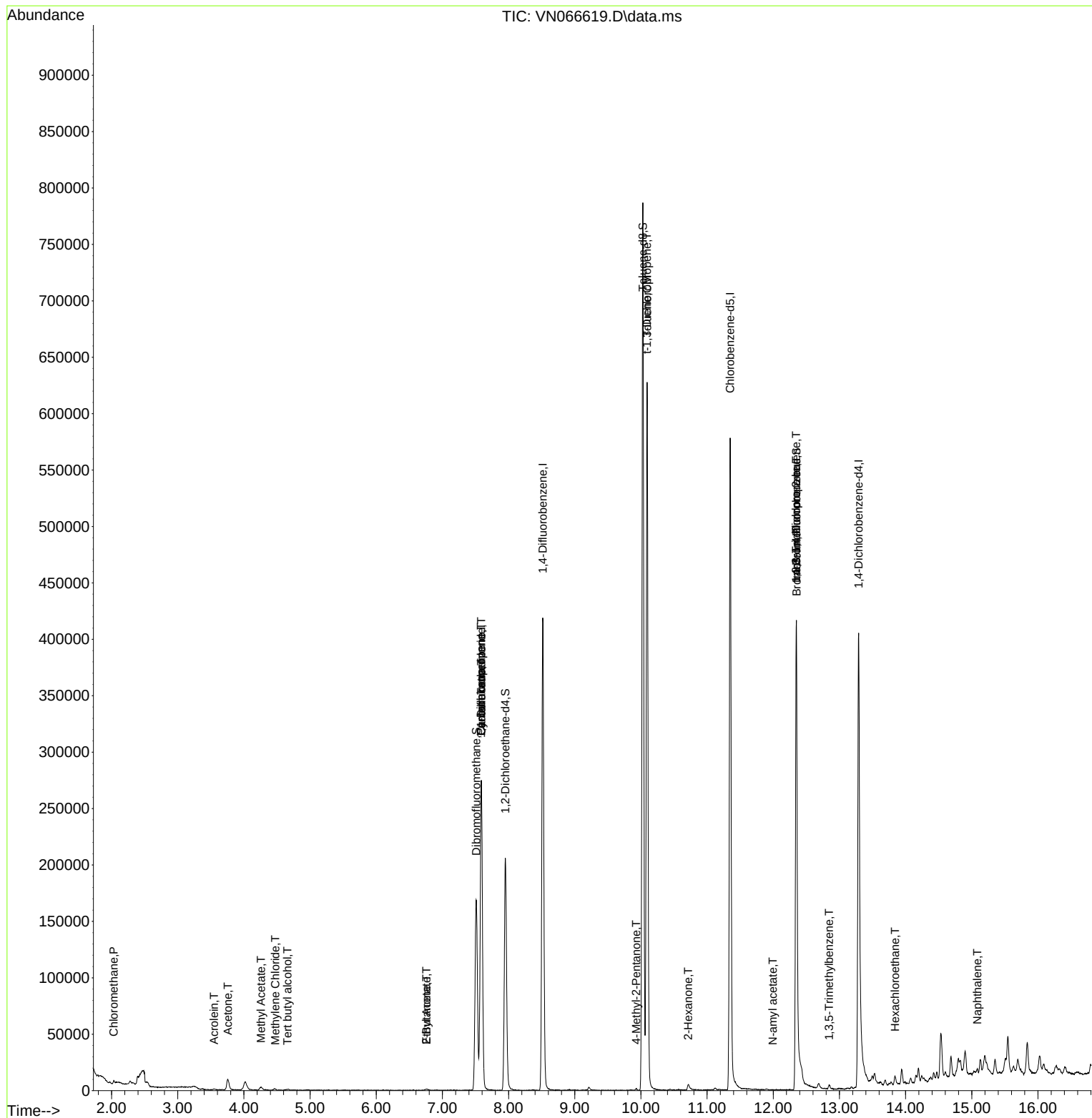
Internal Standards						
1) Pentafluorobenzene	7.588	168	231981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	369498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	345910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	142896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	177314	50.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.34%			
35) Dibromofluoromethane	7.510	113	136352	53.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.42%			
50) Toluene-d8	10.029	98	534267	53.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.40%			
62) 4-Bromofluorobenzene	12.349	95	173876	49.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.48%			
Target Compounds						Qvalue
3) Chloromethane	2.031	50	1333	0.32	ug/l	98
11) Tert butyl alcohol	4.657	59	464	0.83	ug/l #	73
13) Acrolein	3.547	56	898	3.00	ug/l	84
16) Acetone	3.758	43	15951	4.40	ug/l	91
18) Methyl Acetate	4.257	43	5910	1.57	ug/l #	83
20) Methylene Chloride	4.474	84	807	0.24	ug/l #	53
25) 2-Butanone	6.757	43	1770	0.86	ug/l #	46
31) Cyclohexane	7.588	56	4947	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.586	75	17976	4.83	ug/l #	43
37) Ethyl Acetate	6.757	43	1770	0.42	ug/l #	68
38) Carbon Tetrachloride	7.588	117	20900	5.99	ug/l #	17
51) 4-Methyl-2-Pentanone	9.930	43	1328	0.32	ug/l #	69
52) Toluene	10.093	92	271709	38.66	ug/l	99
53) t-1,3-Dichloropropene	10.091	75	2993	0.68	ug/l #	1
59) 2-Hexanone	10.713	43	1215	5.27	ug/l #	23
71) Bromoform	12.351	173	1106	0.54	ug/l #	1
74) N-amyl acetate	11.995	43	24	9.73	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	88441	26.47	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.842	105	3853	0.42	ug/l	74
81) trans-1,4-Dichloro-2-b...	12.346	75	88441	81.61	ug/l #	12
88) 1,4-Dichlorobenzene	13.298	146	56	Below Cal	#	1
90) Hexachloroethane	13.840	117	747	0.39	ug/l #	12
95) Naphthalene	15.084	128	3214	0.44	ug/l #	93

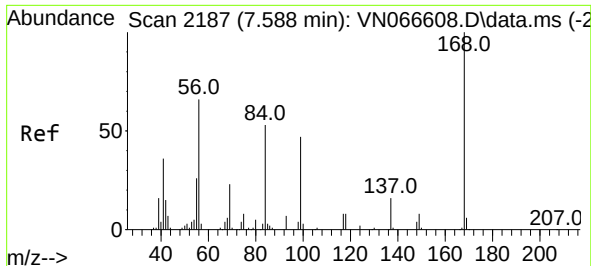
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
Data File : VN066619.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 16 07:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

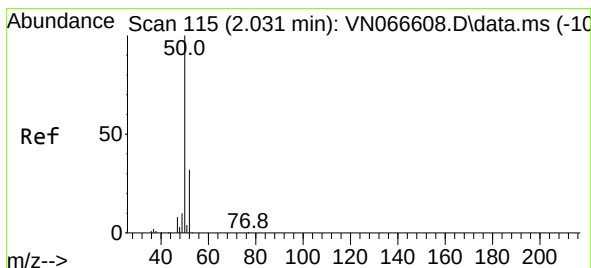
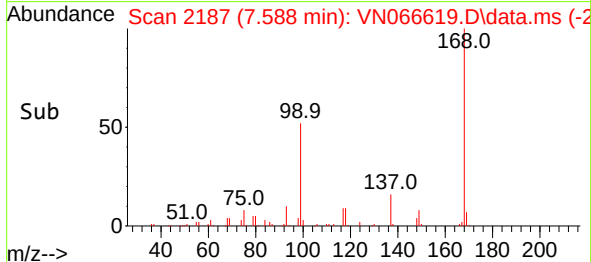
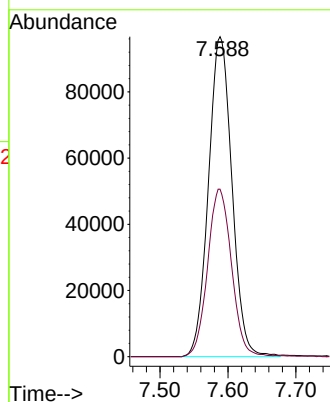
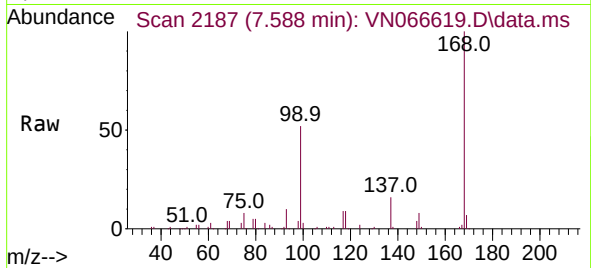




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

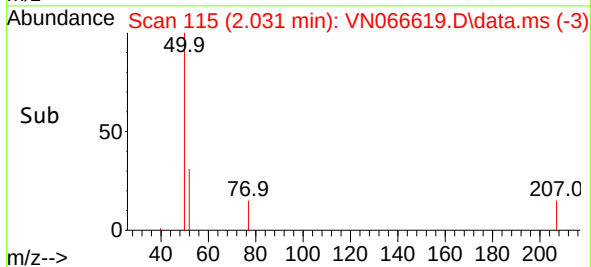
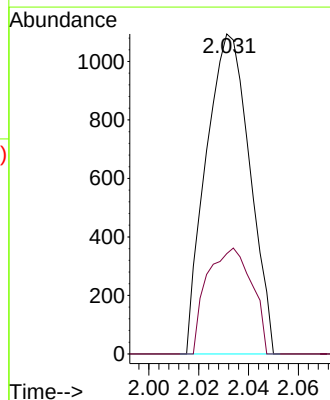
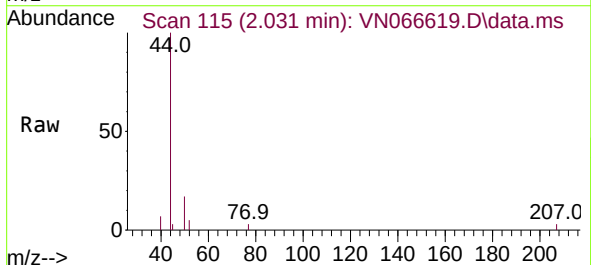
Instrument :
MSVOA_N
ClientSampleId :

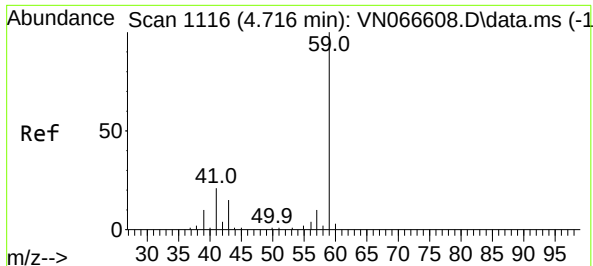
Tgt Ion:168 Resp: 231981
Ion Ratio Lower Upper
168 100
99 52.3 42.6 63.8



#3
Chloromethane
Concen: 0.32 ug/l
RT: 2.031 min Scan# 115
Delta R.T. 0.000 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 50 Resp: 1333
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.8



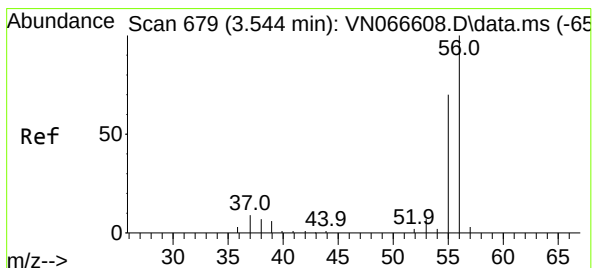
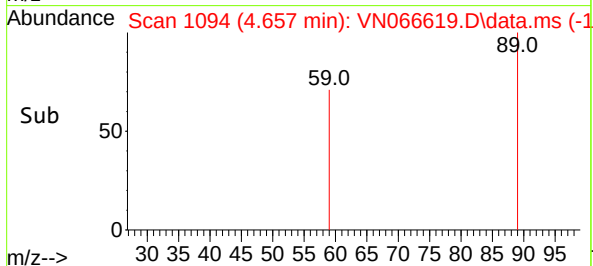
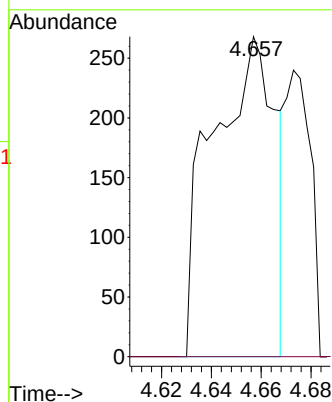
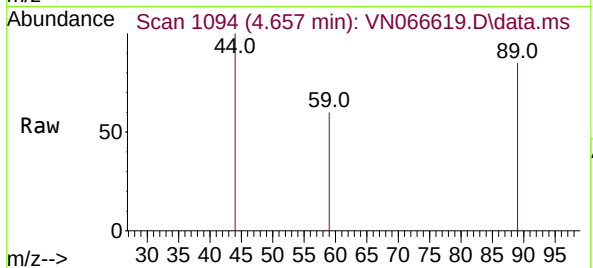


#11

Tert butyl alcohol
Concen: 0.83 ug/l
RT: 4.657 min Scan# 1094
Delta R.T. -0.059 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Instrument :
MSVOA_N
ClientSampled :

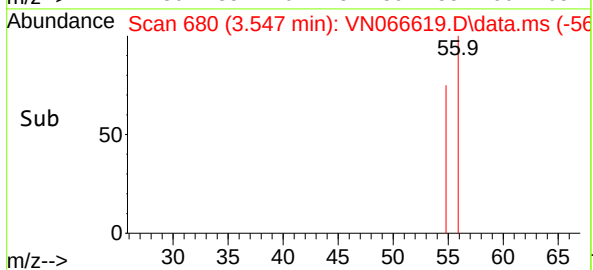
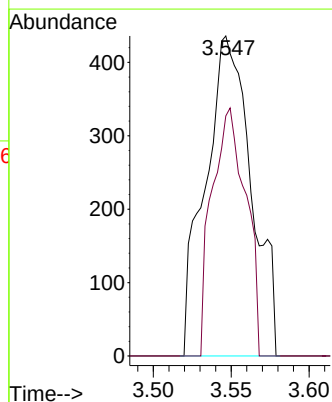
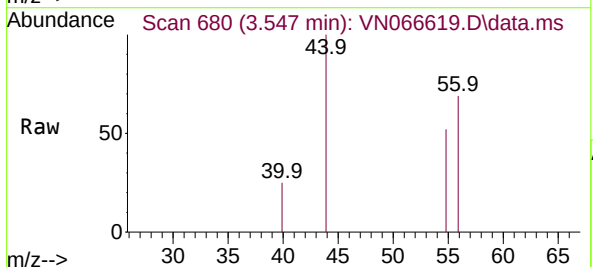
Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

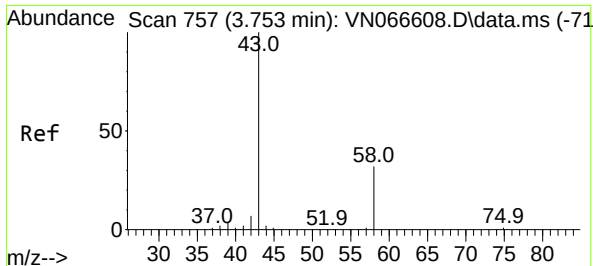


#13

Acrolein
Concen: 3.00 ug/l
RT: 3.547 min Scan# 680
Delta R.T. 0.003 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 56 Resp: 898
Ion Ratio Lower Upper
56 100
55 56.8 56.0 84.0

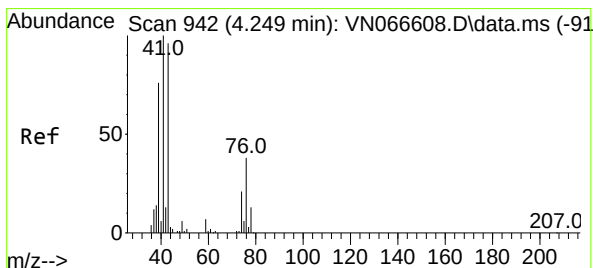
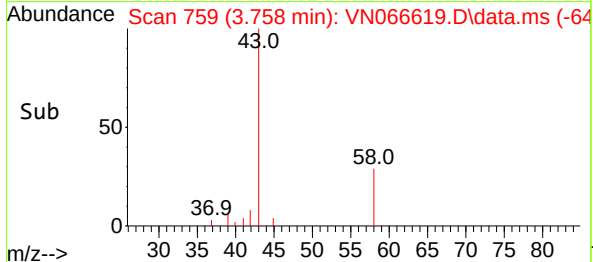
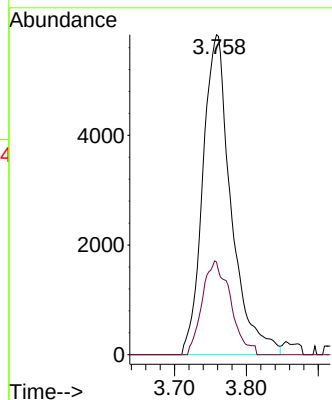
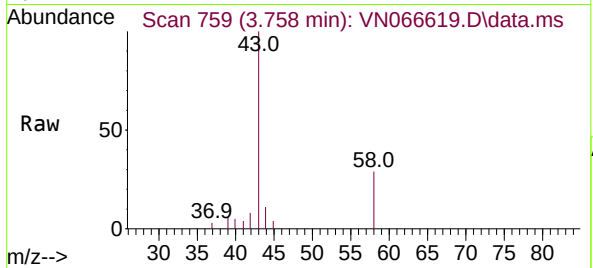




#16
Acetone
Concen: 4.40 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.005 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

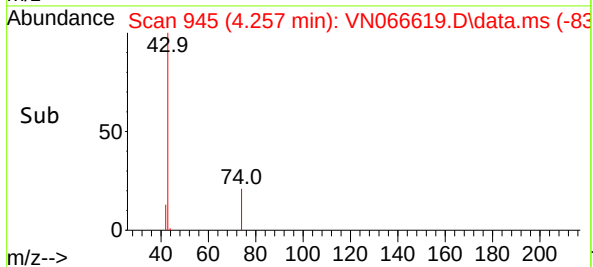
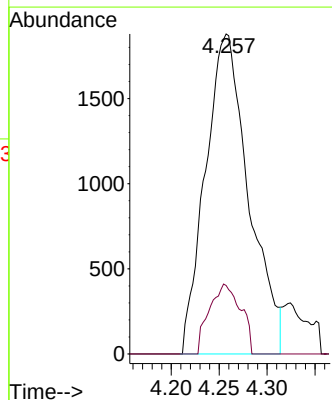
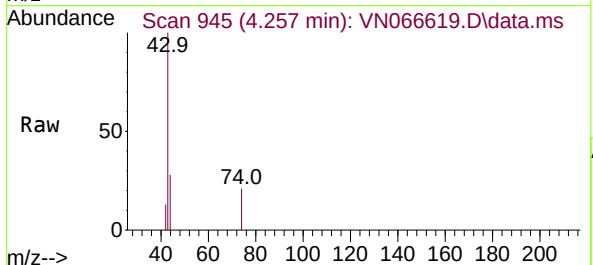
Instrument :
MSVOA_N
ClientSampled :

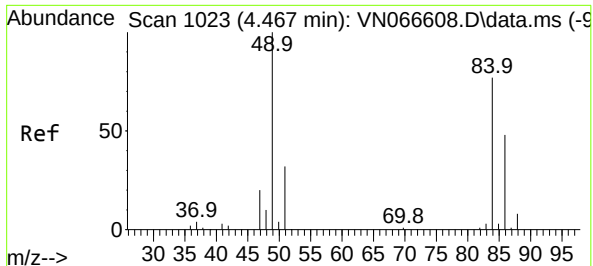
Tgt Ion: 43 Resp: 15951
Ion Ratio Lower Upper
43 100
58 28.9 27.0 40.6



#18
Methyl Acetate
Concen: 1.57 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 43 Resp: 5910
Ion Ratio Lower Upper
43 100
74 15.8 19.5 29.3#





#20

Methylene Chloride

Concen: 0.24 ug/l

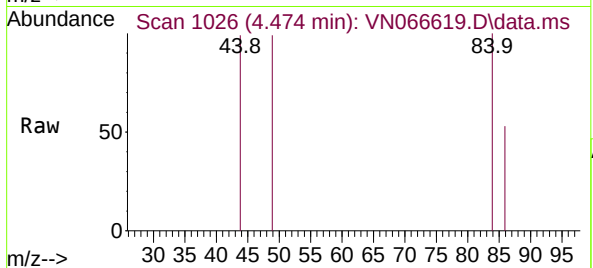
RT: 4.474 min Scan# 1026

Delta R.T. 0.008 min

Lab File: VN066619.D

Acq: 15 Apr 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 807

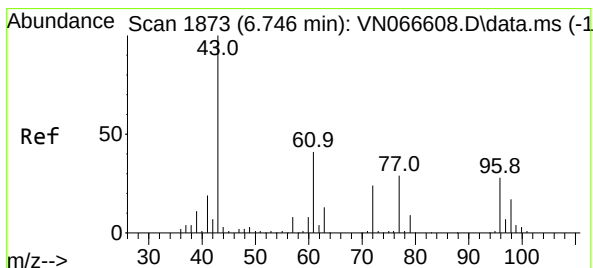
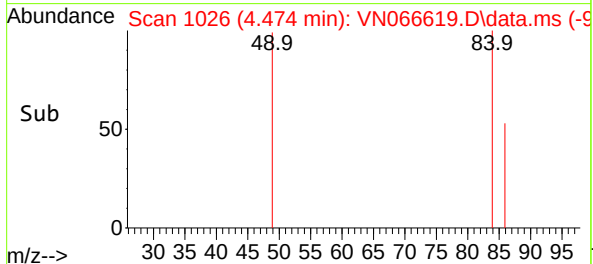
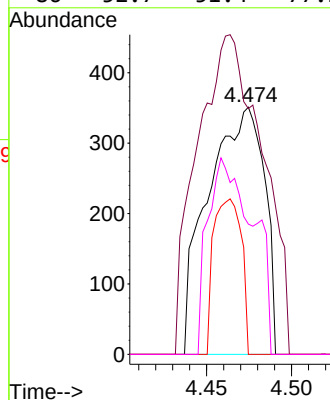
Ion Ratio Lower Upper

84 100

49 51.9 94.6 141.8#

51 0.0 29.9 44.9#

86 52.7 51.4 77.2



#25

2-Butanone

Concen: 0.86 ug/l

RT: 6.757 min Scan# 1877

Delta R.T. 0.011 min

Lab File: VN066619.D

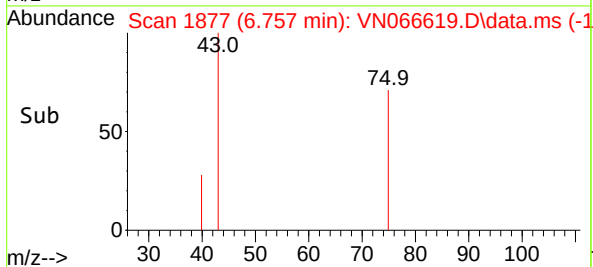
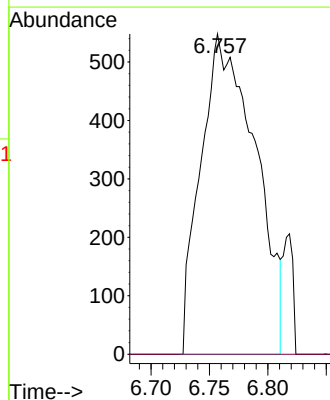
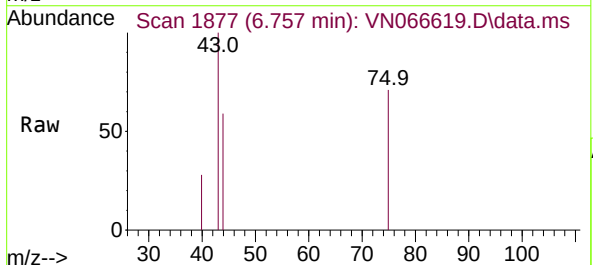
Acq: 15 Apr 2021 18:18

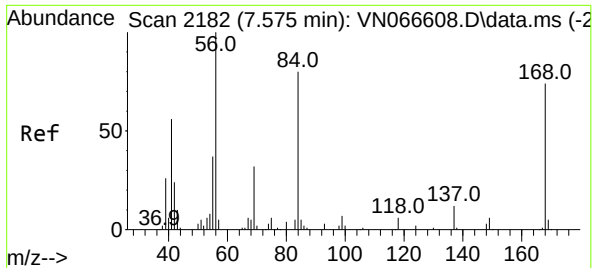
Tgt Ion: 43 Resp: 1770

Ion Ratio Lower Upper

43 100

72 0.0 23.1 34.7#

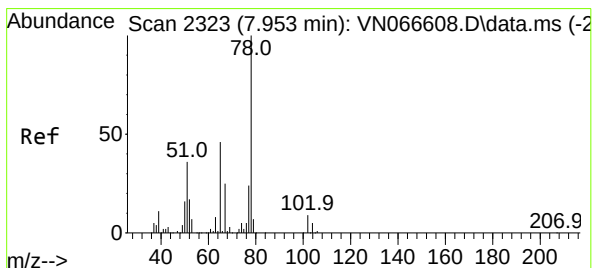
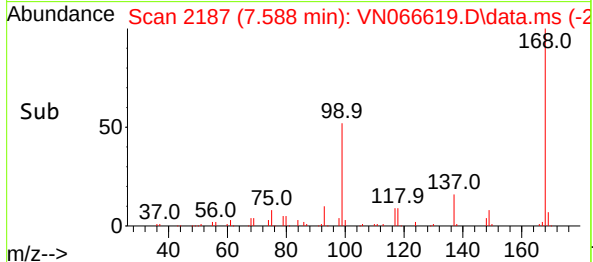
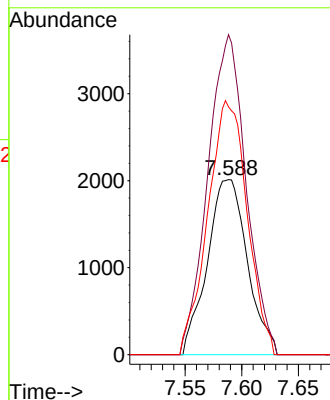
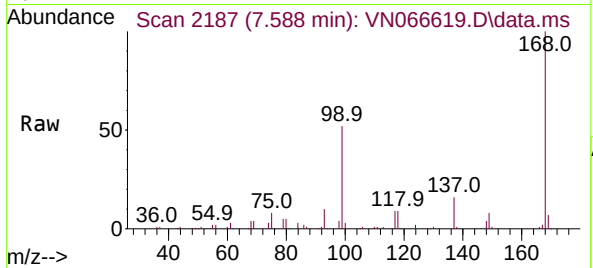




#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

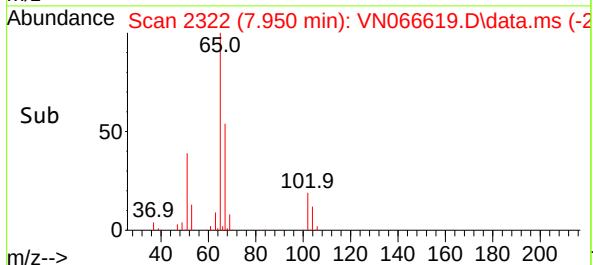
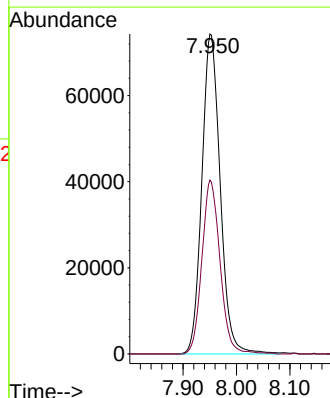
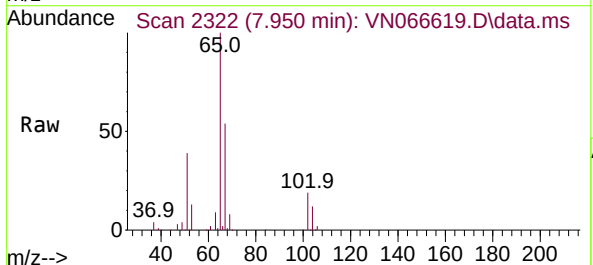
Instrument :
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ClientSampleId :

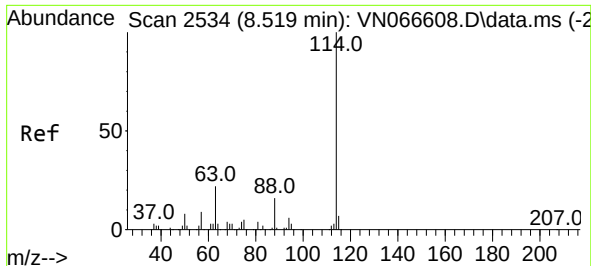
Tgt Ion: 56 Resp: 4947
Ion Ratio Lower Upper
56 100
69 182.8 26.6 39.8#
84 141.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 50.67 ug/l
RT: 7.950 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

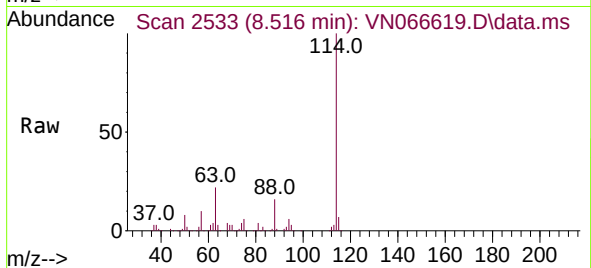
Tgt Ion: 65 Resp: 177314
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



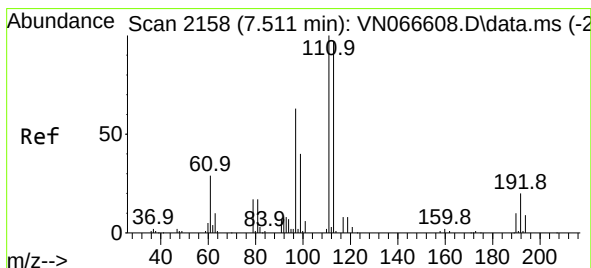
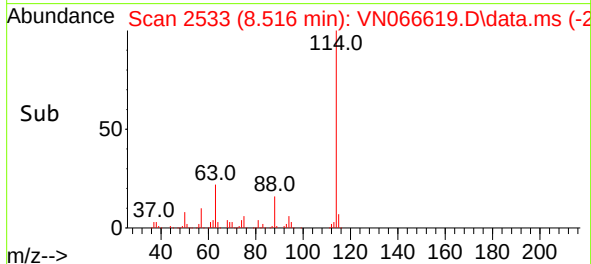
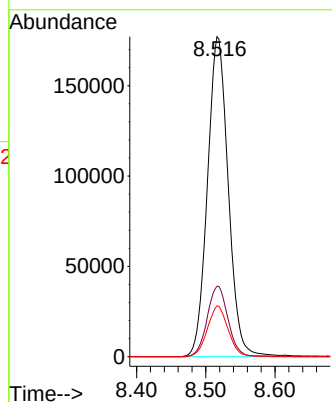


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

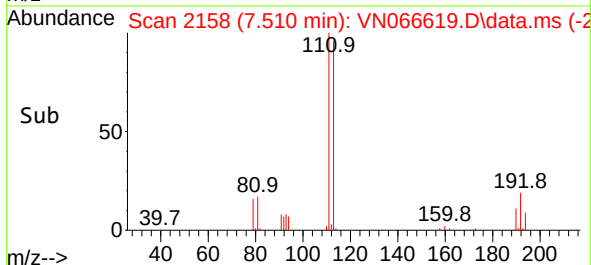
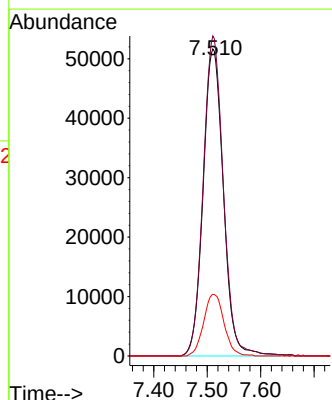
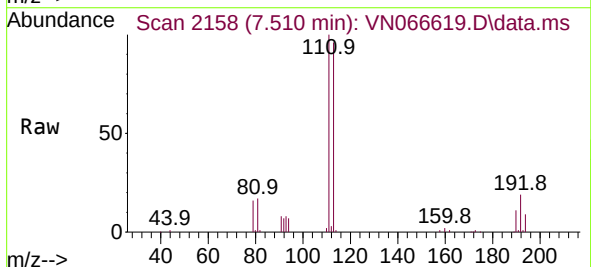


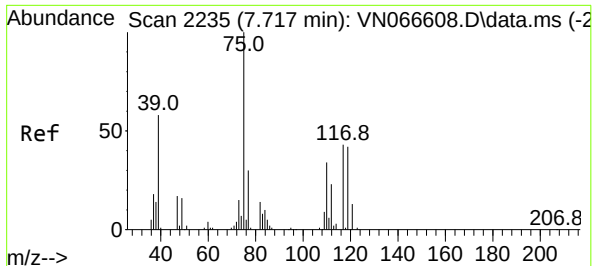
Tgt Ion:114 Resp: 369498
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.6
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.21 ug/l
RT: 7.510 min Scan# 2158
Delta R.T. -0.001 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

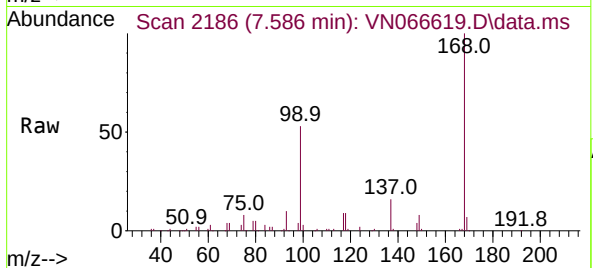
Tgt Ion:113 Resp: 136352
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 20.2 15.4 23.0



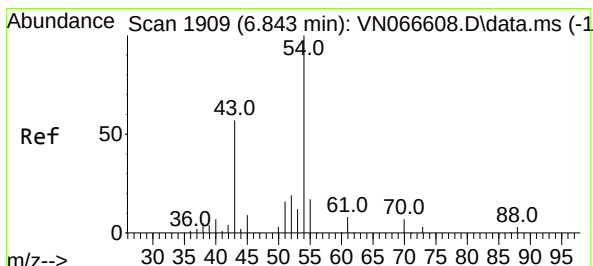
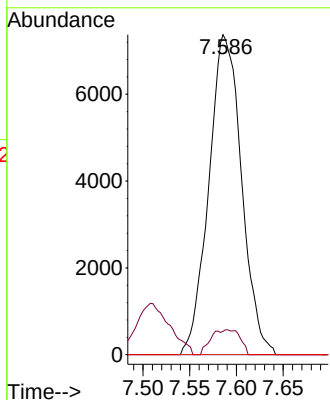
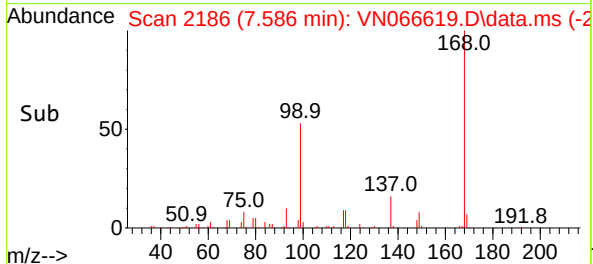


#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.131 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

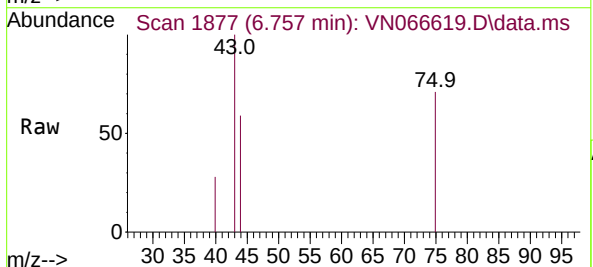
Instrument :
MSVOA_N
ClientSampled :



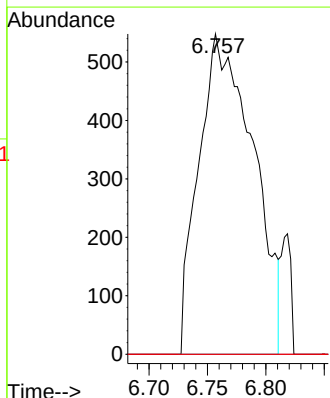
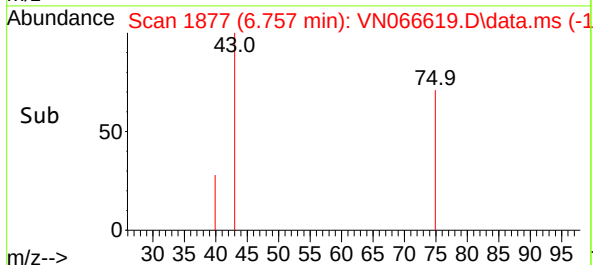
Tgt Ion: 75 Resp: 17976
Ion Ratio Lower Upper
75 100
110 2.7 18.2 54.6#
77 0.0 24.9 37.3#

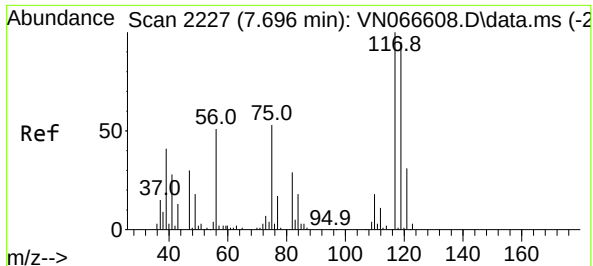


#37
Ethyl Acetate
Concen: 0.42 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. -0.086 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18



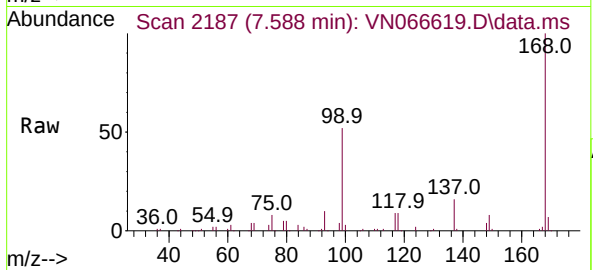
Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



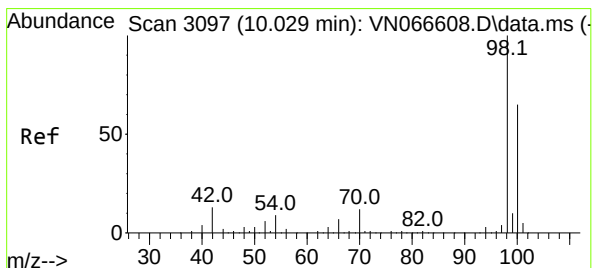
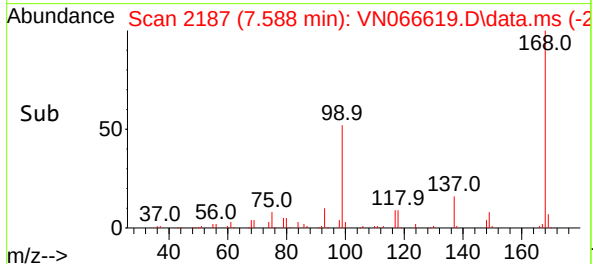
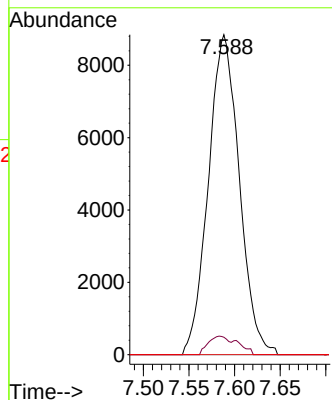


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.108 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Instrument :
MSVOA_N
ClientSampled :

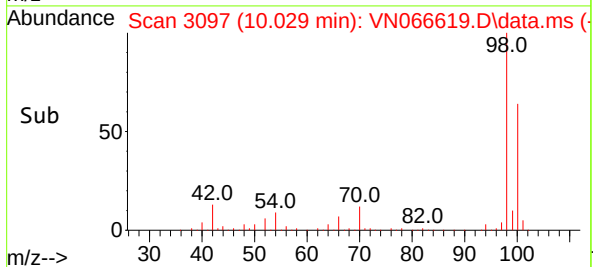
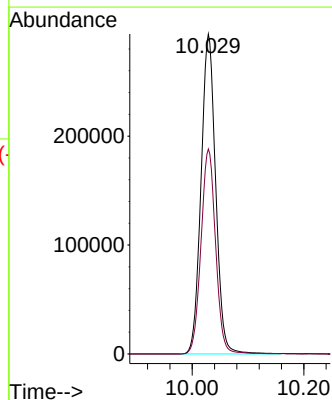
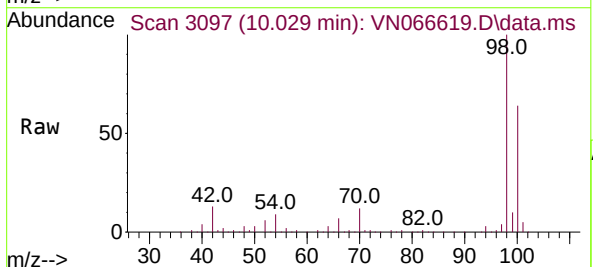


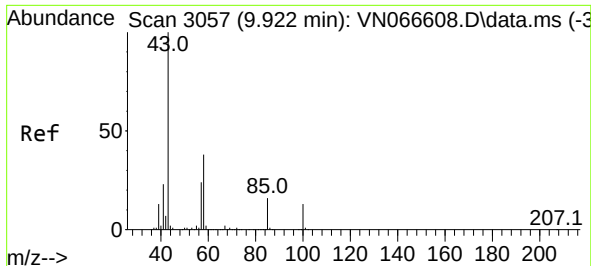
Tgt Ion:117 Resp: 20900
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.20 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 98 Resp: 534267
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

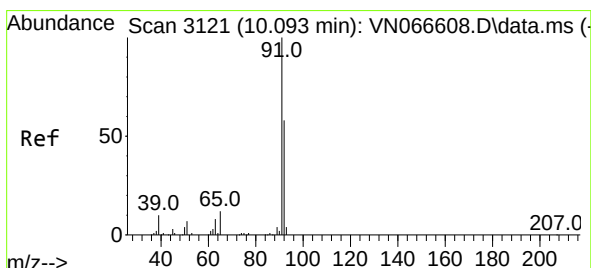
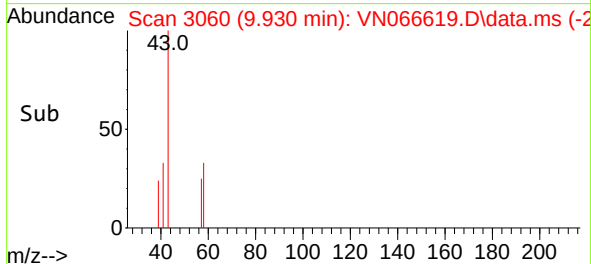
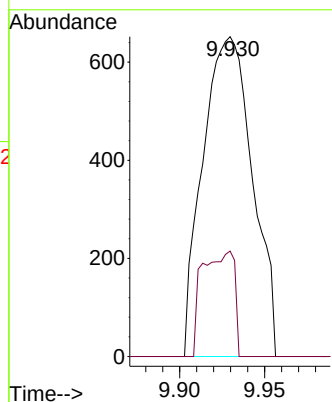
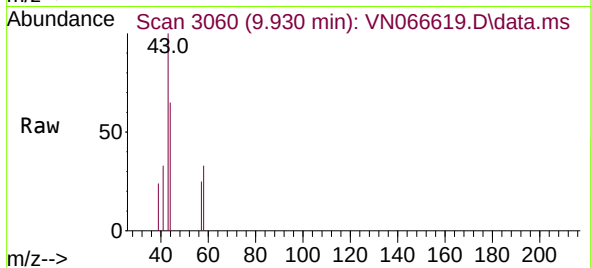




#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 9.930 min Scan# 3060
Delta R.T. 0.008 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

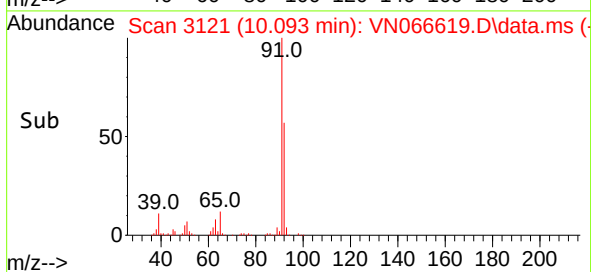
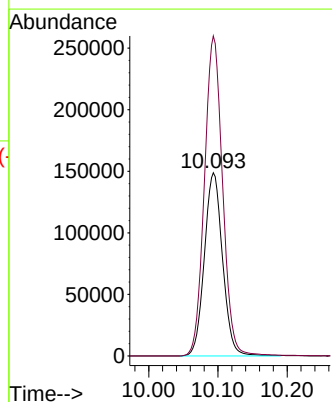
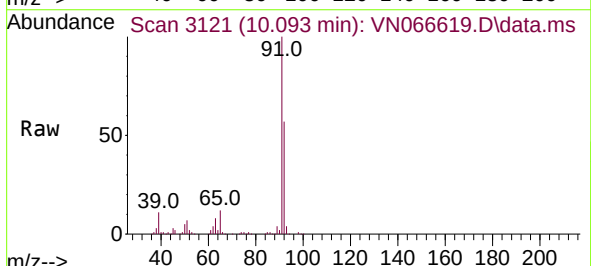
Instrument :
MSVOA_N
ClientSampled :

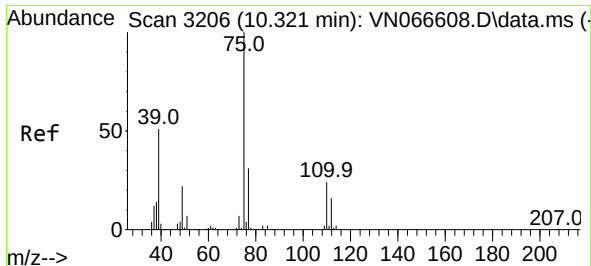
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 21.2 32.5 48.7#



#52
Toluene
Concen: 38.66 ug/l
RT: 10.093 min Scan# 3121
Delta R.T. 0.000 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 92 Resp: 271709
Ion Ratio Lower Upper
92 100
91 174.6 140.7 211.1

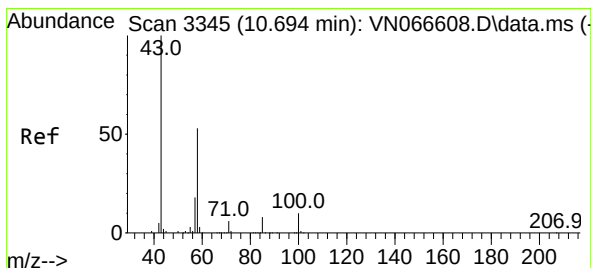
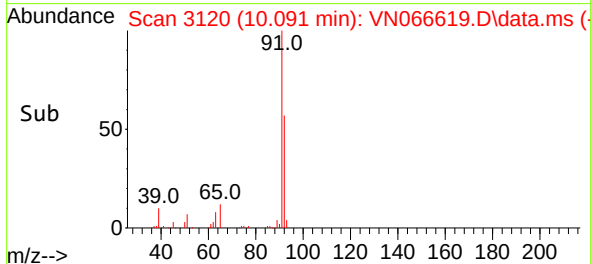
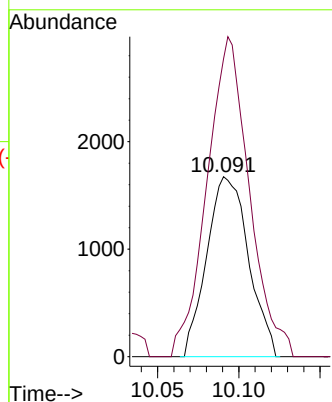
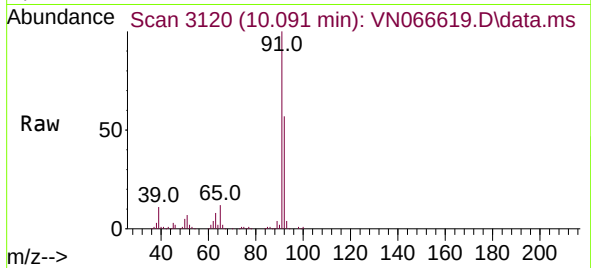




#53
t-1,3-Dichloropropene
Concen: 0.68 ug/l
RT: 10.091 min Scan# 3120
Delta R.T. -0.230 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

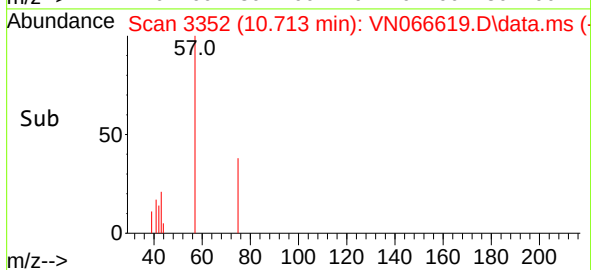
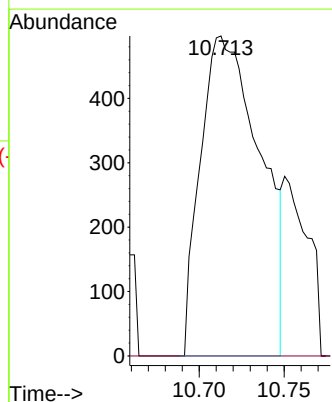
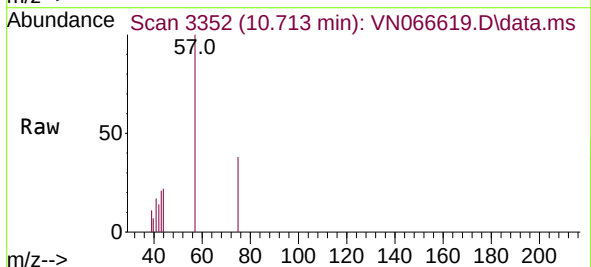
Instrument :
MSVOA_N
ClientSampled :

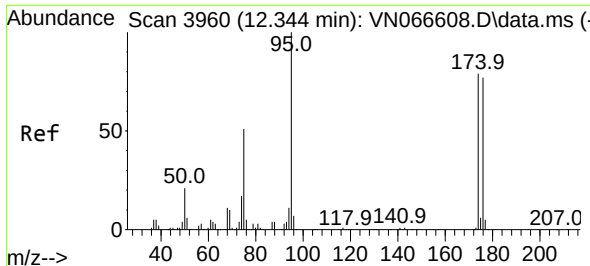
Tgt Ion: 75 Resp: 2993
Ion Ratio Lower Upper
75 100
77 150.5 26.2 39.4#



#59
2-Hexanone
Concen: 5.27 ug/l
RT: 10.713 min Scan# 3352
Delta R.T. 0.019 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

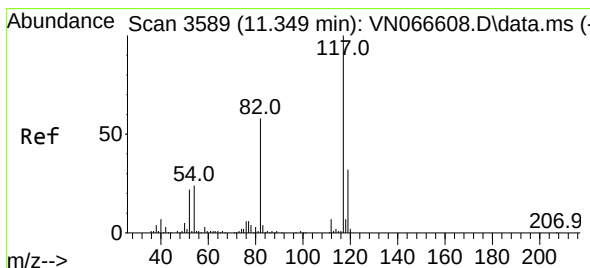
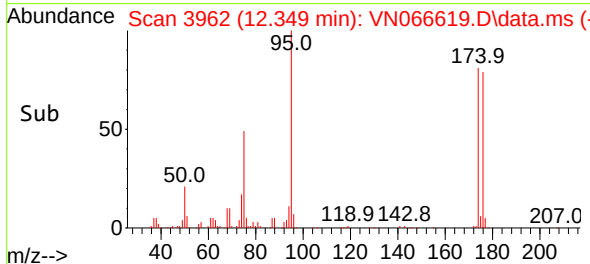
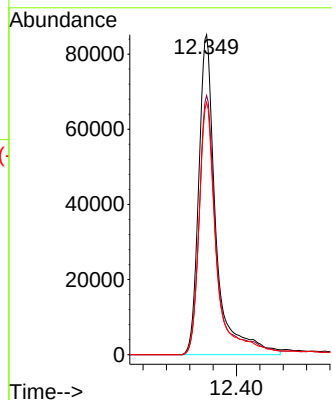
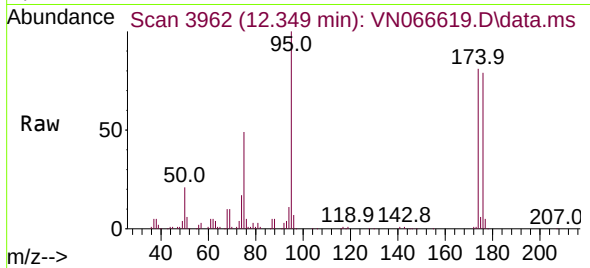




#62
4-Bromofluorobenzene
Concen: 49.24 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.005 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

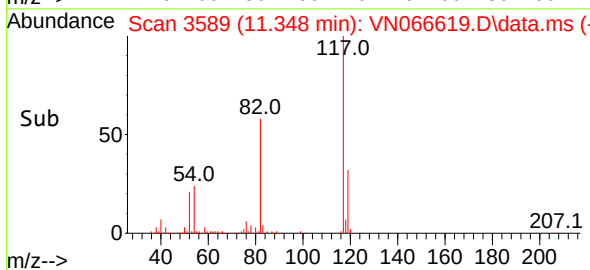
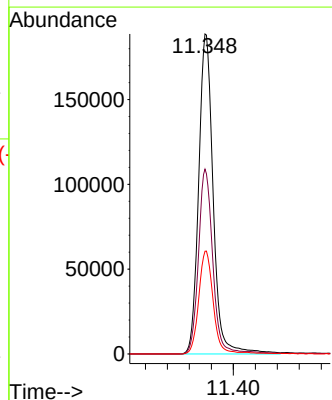
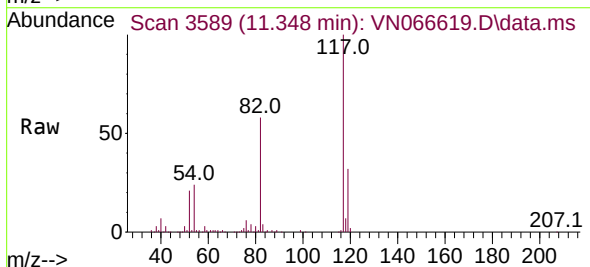
Instrument :
MSVOA_N
ClientSampleId :

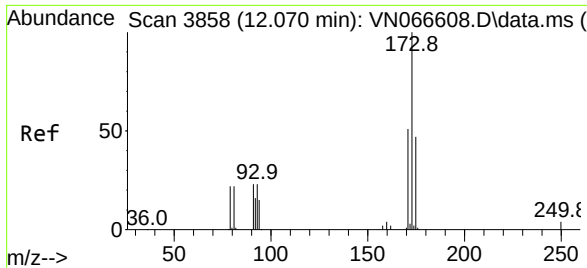
Tgt Ion: 95 Resp: 173876
Ion Ratio Lower Upper
95 100
174 82.2 0.0 169.0
176 79.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 117 Resp: 345910
Ion Ratio Lower Upper
117 100
82 57.7 43.7 65.5
119 32.1 26.1 39.1

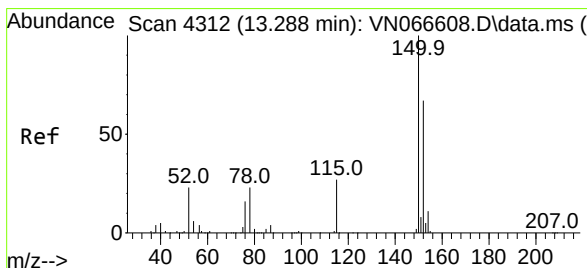
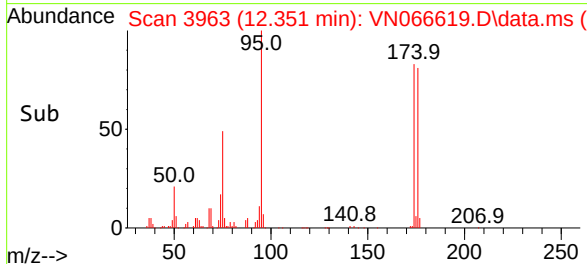
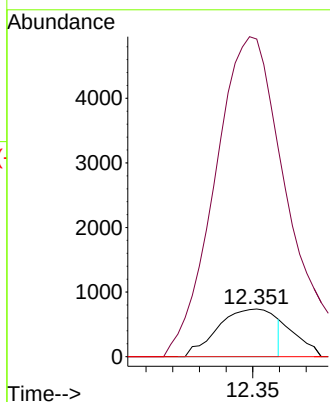
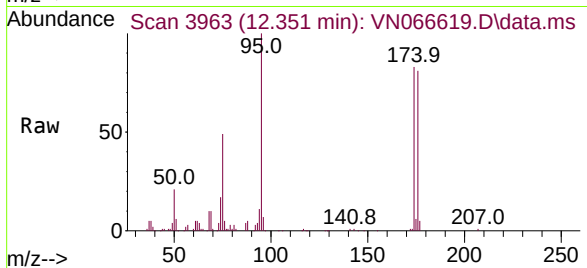




#71
Bromoform
Concen: 0.54 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.281 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

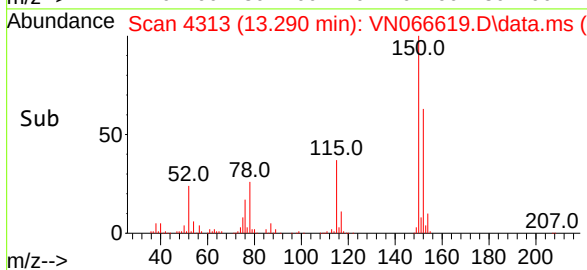
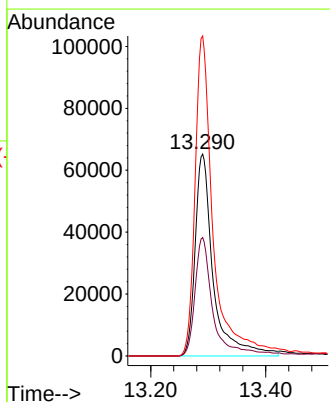
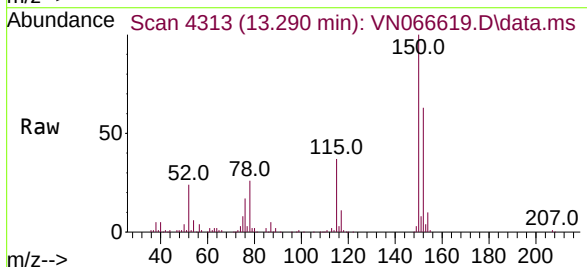
Instrument :
MSVOA_N
ClientSampleId :

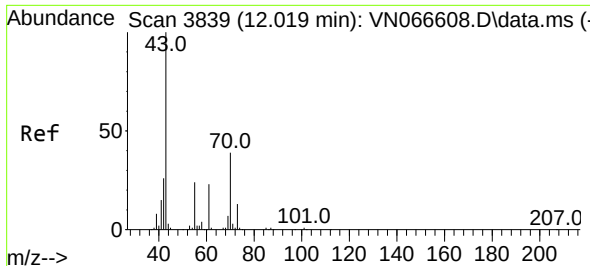
Tgt Ion:173 Resp: 1106
Ion Ratio Lower Upper
173 100
175 675.4 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

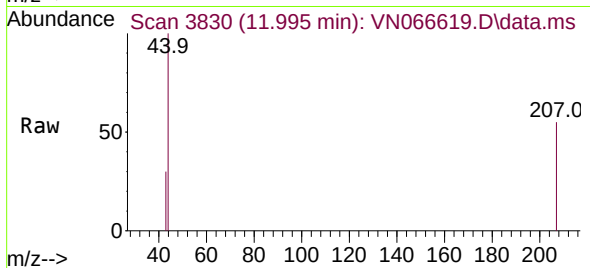
Tgt Ion:152 Resp: 142896
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.6
150 159.9 0.0 347.6



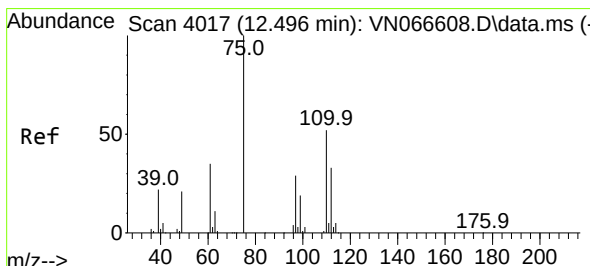
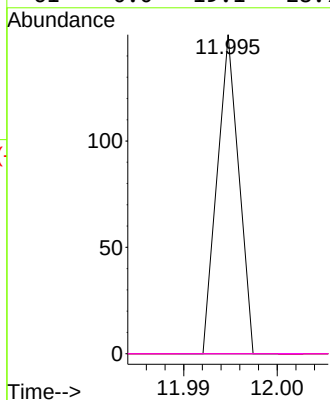
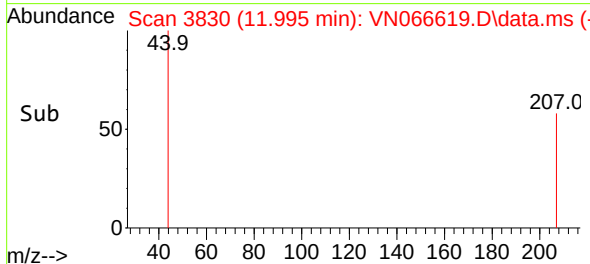


#74
N-amy1 acetate
Concen: 9.73 ug/l
RT: 11.995 min Scan# 3830
Delta R.T. -0.024 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

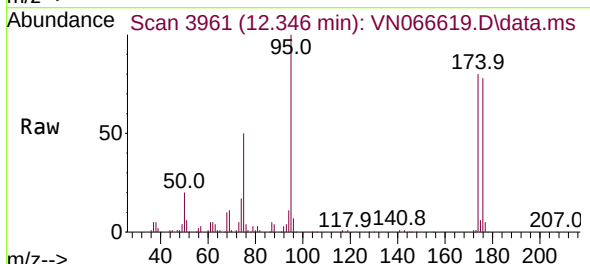
Instrument :
MSVOA_N
ClientSampleId :



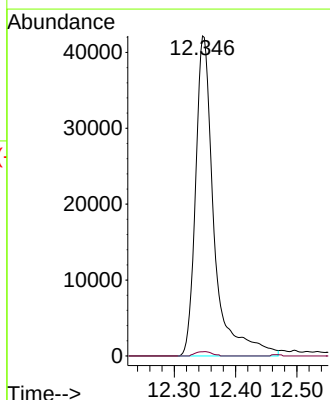
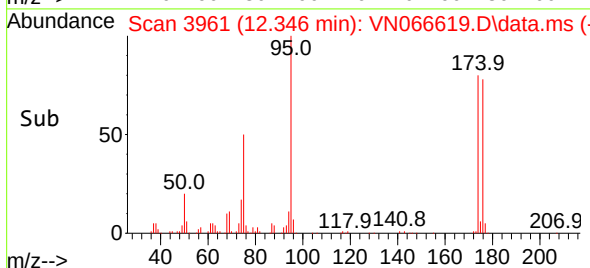
Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

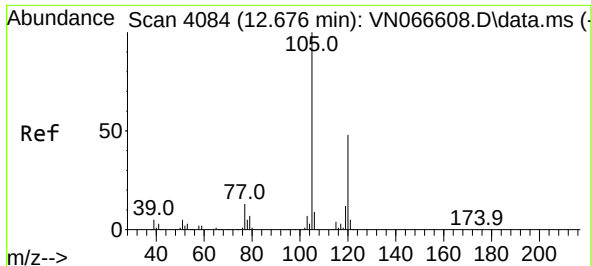


#76
1,2,3-Trichloropropane
Concen: 26.47 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18



Tgt Ion: 75 Resp: 88441
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

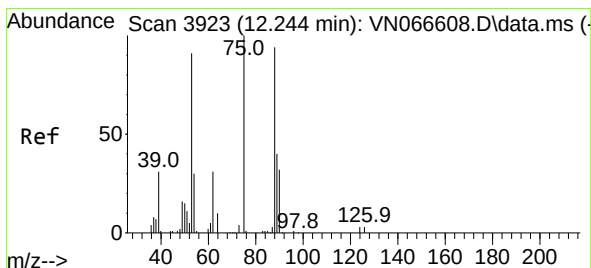
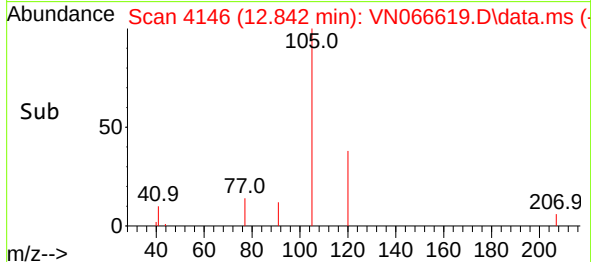
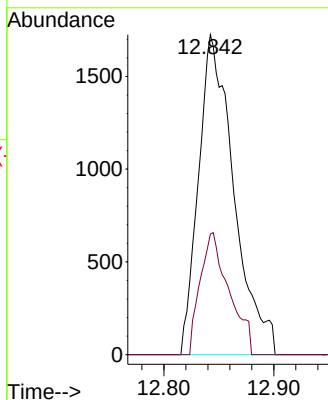
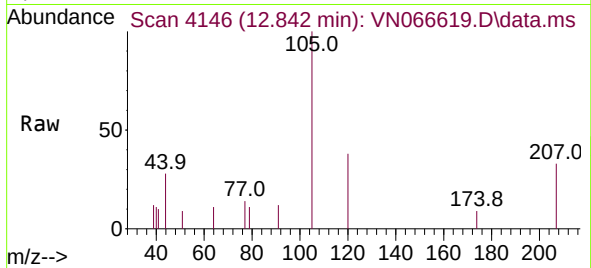




#80
1,3,5-Trimethylbenzene
Concen: 0.42 ug/l
RT: 12.842 min Scan# 4146
Delta R.T. 0.166 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

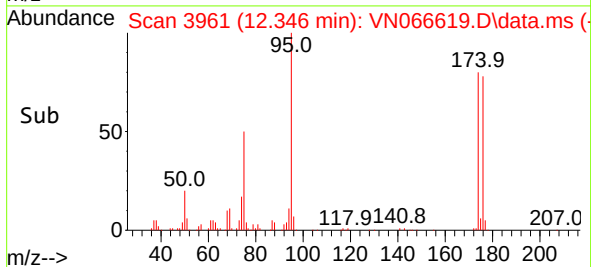
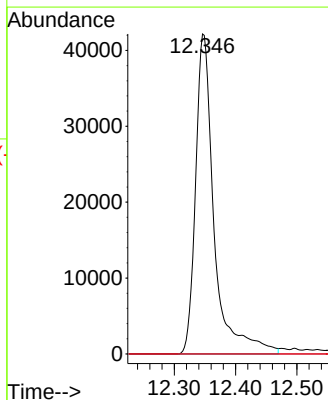
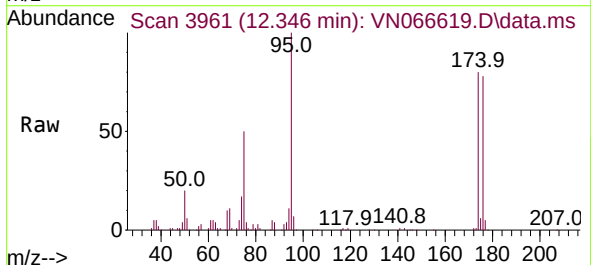
Instrument :
MSVOA_N
ClientSampleId :

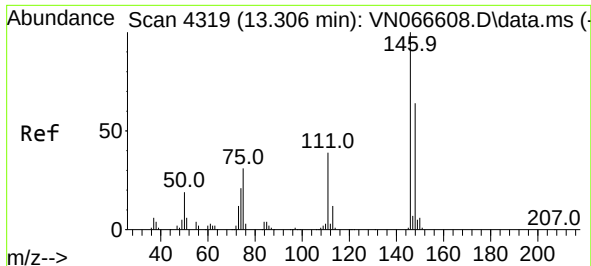
Tgt Ion:105 Resp: 3853
Ion Ratio Lower Upper
105 100
120 31.1 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 81.61 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Tgt Ion: 75 Resp: 88441
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

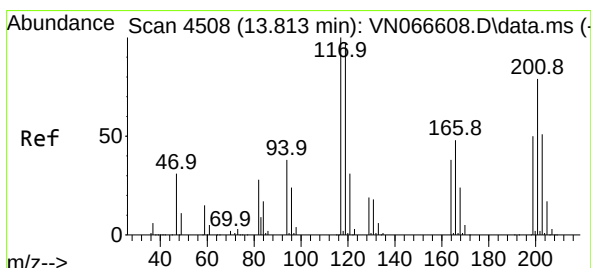
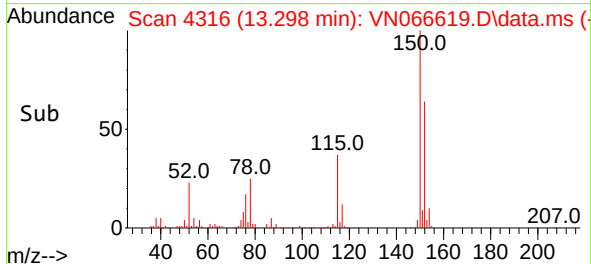
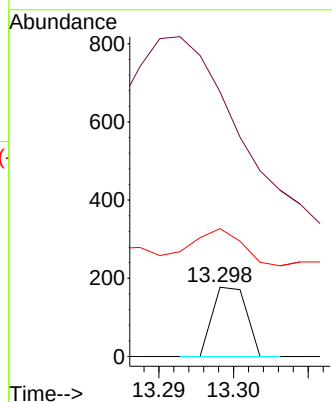
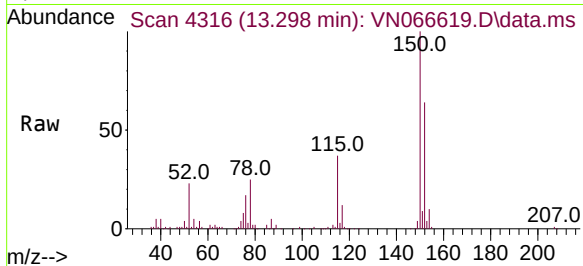




#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.298 min Scan# 4316
Delta R.T. -0.008 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

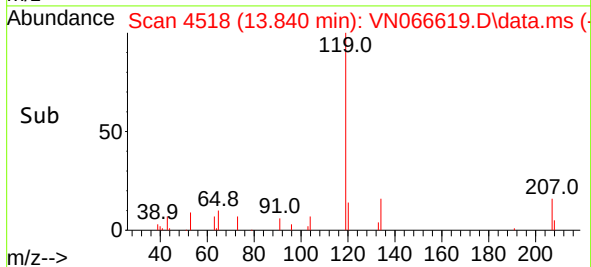
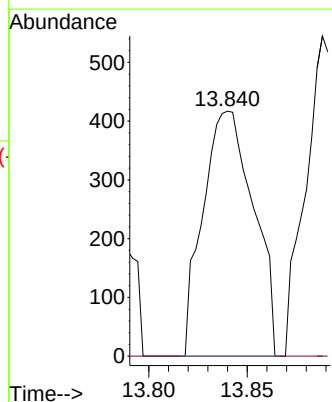
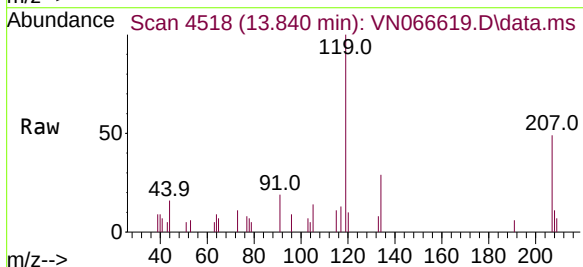
Instrument :
MSVOA_N
ClientSampleId :

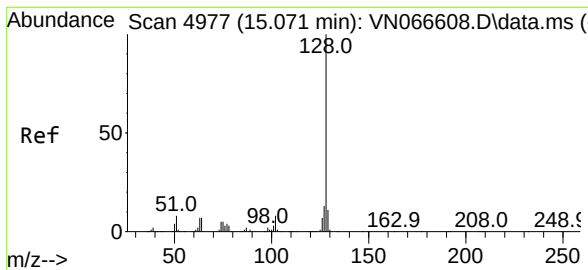
Tgt Ion:146 Resp: 56
Ion Ratio Lower Upper
146 100
111 2796.4 19.0 57.0#
148 353.6 31.8 95.3#



#90
Hexachloroethane
Concen: 0.39 ug/l
RT: 13.840 min Scan# 4518
Delta R.T. 0.027 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

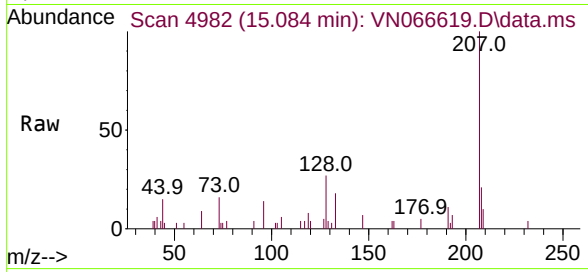
Tgt Ion:117 Resp: 747
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#





#95
Naphthalene
Concen: 0.44 ug/l
RT: 15.084 min Scan# 4982
Delta R.T. 0.013 min
Lab File: VN066619.D
Acq: 15 Apr 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	3214
Ion Ratio	Lower	Upper	
128	100		
127	9.2	10.2	15.2#
129	8.6	8.6	13.0#

