

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066480.D
 Acq On : 2 Apr 2021 20:13
 Operator : JC/MD
 Sample : M1894-04
 Misc : 5.98g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 0156-AMENDED-CP-COMP

Quant Time: Apr 03 03:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	319913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	475625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	451567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	218523	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	201104	47.29	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.58%
35) Dibromofluoromethane	7.504	113	133156	42.23	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.46%
50) Toluene-d8	10.025	98	594778	49.73	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.46%
62) 4-Bromofluorobenzene	12.342	95	184439	44.40	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.80%

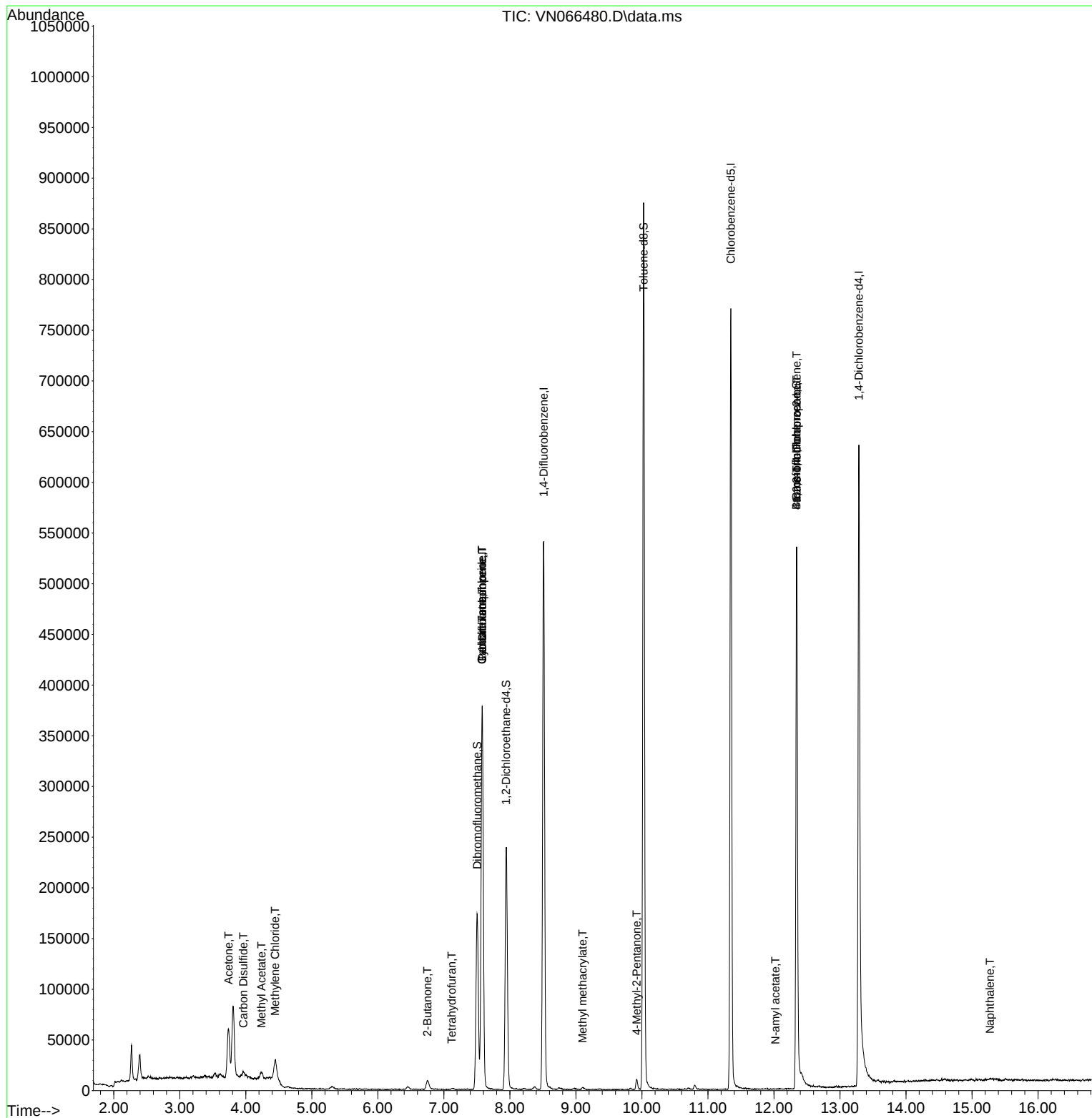
Target Compounds						
					Qvalue	
3) Chloromethane	2.019	50	2317	Below Cal	#	87
13) Acrolein	3.535	56	3115	Below Cal		95
16) Acetone	3.739	43	78500	34.16	ug/l	96
17) Carbon Disulfide	3.964	76	8251	0.76	ug/l	99
18) Methyl Acetate	4.237	43	12442	2.07	ug/l #	84
20) Methylene Chloride	4.444	84	12196	1.71	ug/l	85
25) 2-Butanone	6.750	43	9567	3.81	ug/l	96
29) Tetrahydrofuran	7.118	42	462	0.28	ug/l #	50
31) Cyclohexane	7.579	56	6352	1.08	ug/l #	13
36) 1,1-Dichloropropene	7.582	75	23025	5.15	ug/l #	50
38) Carbon Tetrachloride	7.579	117	28923	6.44	ug/l #	17
48) Methyl methacrylate	9.100	41	952	0.24	ug/l #	29
51) 4-Methyl-2-Pentanone	9.921	43	7873	1.60	ug/l	93
71) Bromoform	12.342	173	2213	0.77	ug/l #	1
74) N-amyl acetate	12.023	43	81	3.21	ug/l #	45
76) 1,2,3-Trichloropropane	12.345	75	96503	20.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	96503	60.52	ug/l #	12
95) Naphthalene	15.274	128	1391	1.15	ug/l #	79

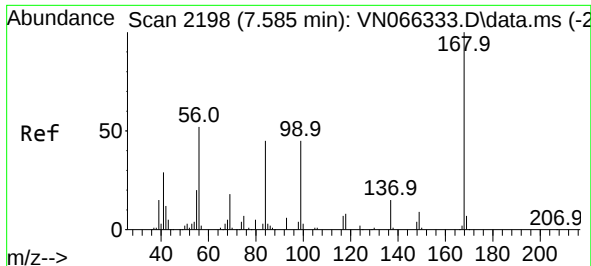
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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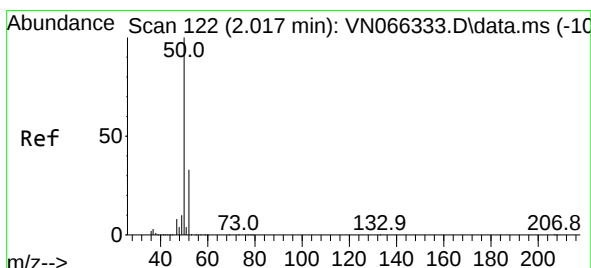
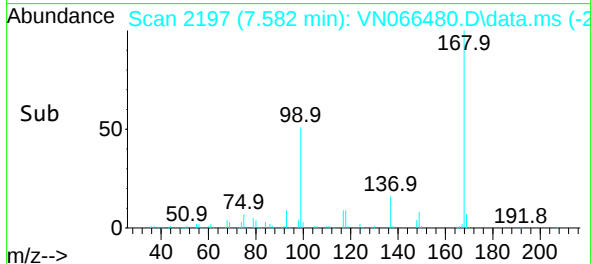
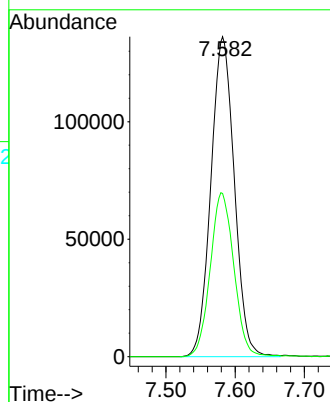
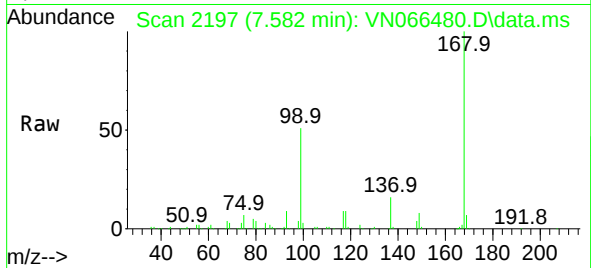




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

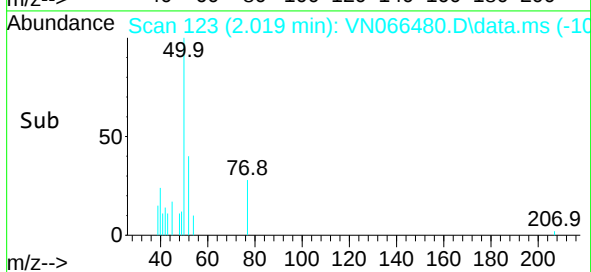
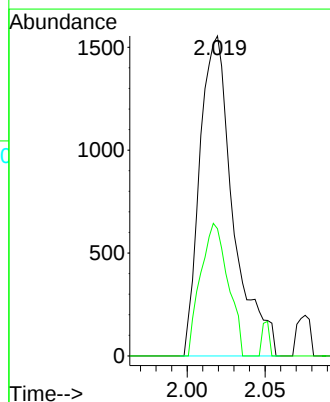
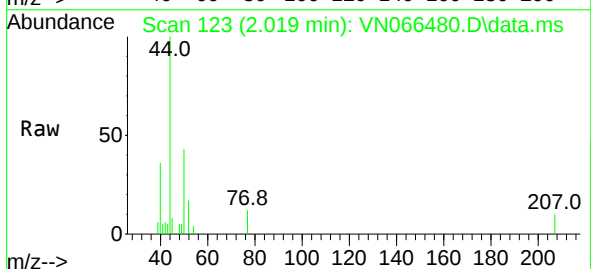
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP

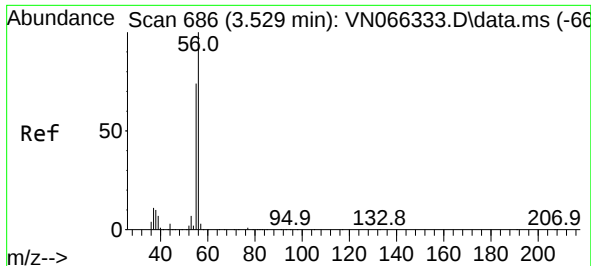
Tgt Ion:168 Resp: 319913
Ion Ratio Lower Upper
168 100
99 51.0 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.019 min Scan# 123
Delta R.T. 0.003 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Tgt Ion: 50 Resp: 2317
Ion Ratio Lower Upper
50 100
52 39.7 26.2 39.2#

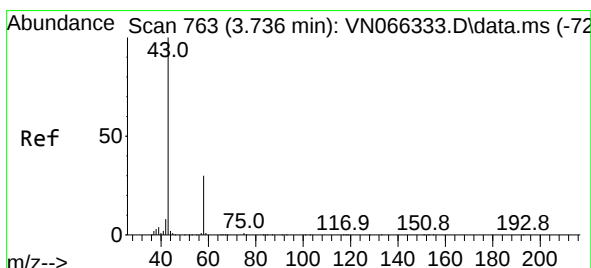
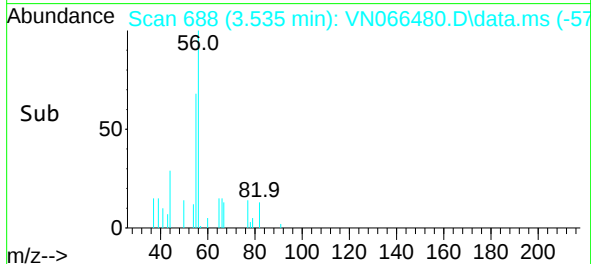
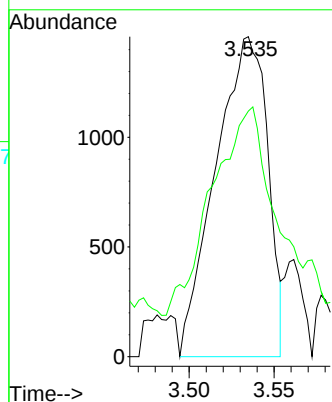
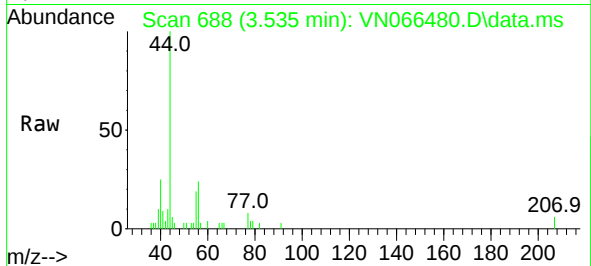




#13
Acrolein
Concen: Below Cal
RT: 3.535 min Scan# 688
Delta R.T. 0.008 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

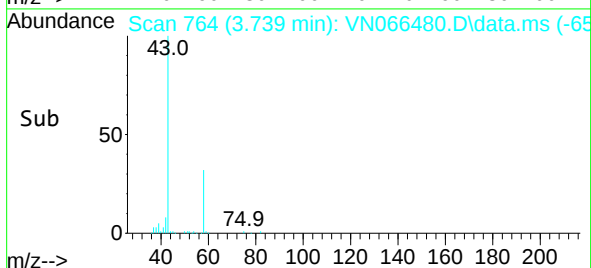
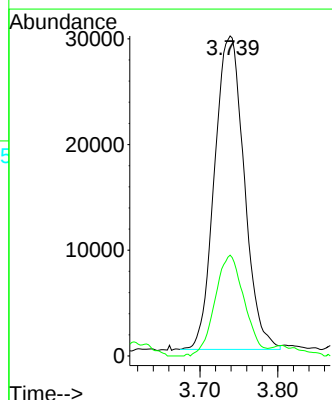
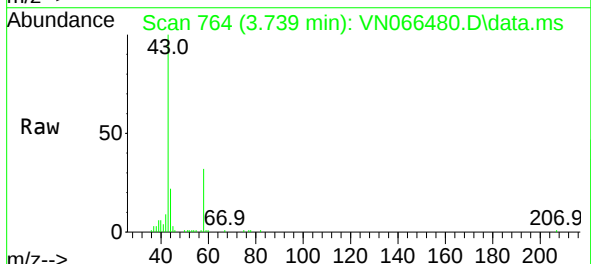
Instrument :
MSVOA_N
ClientSampleId :
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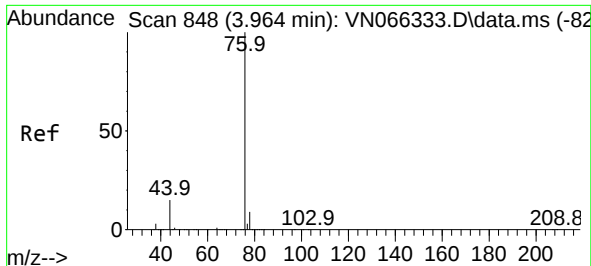
Tgt Ion: 56 Resp: 3115
Ion Ratio Lower Upper
56 100
55 76.8 57.9 86.9



#16
Acetone
Concen: 34.16 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Tgt Ion: 43 Resp: 78500
Ion Ratio Lower Upper
43 100
58 32.2 23.8 35.8

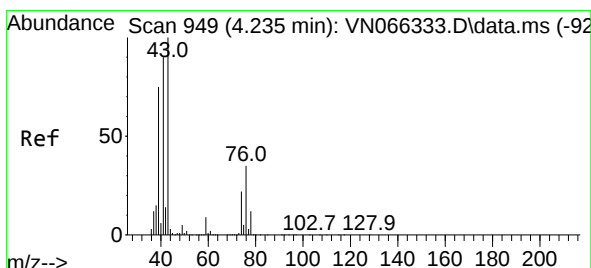
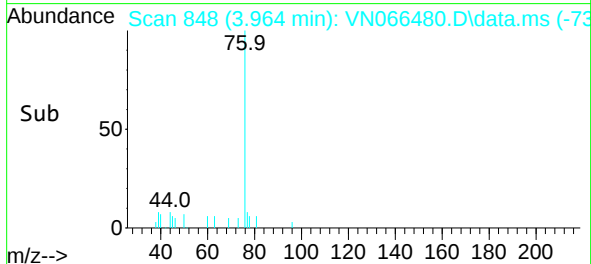
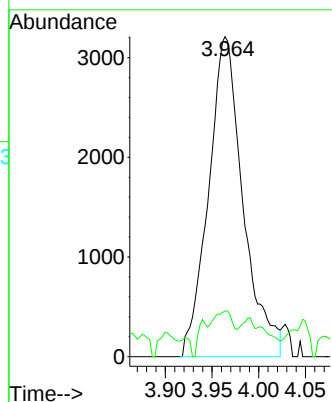
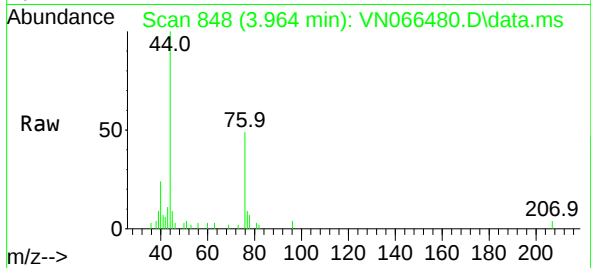




#17
Carbon Disulfide
Concen: 0.76 ug/l
RT: 3.964 min Scan# 848
Delta R.T. 0.003 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

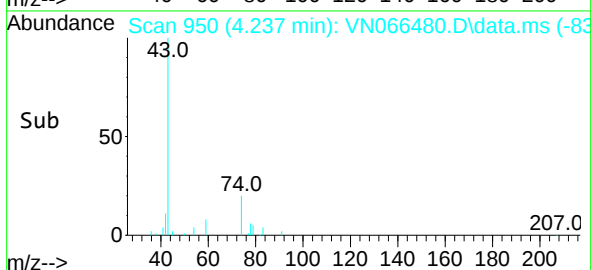
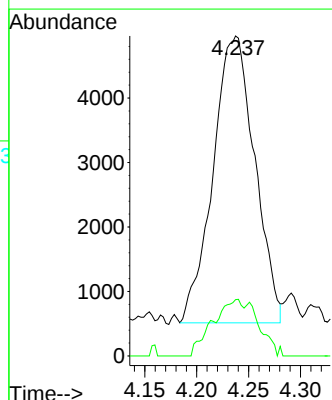
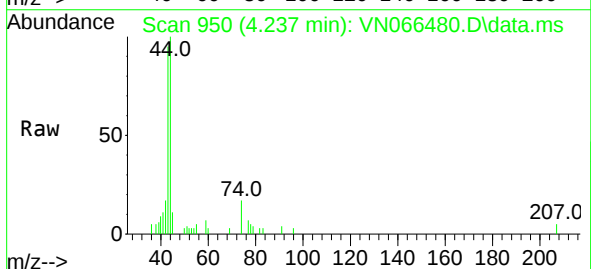
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP

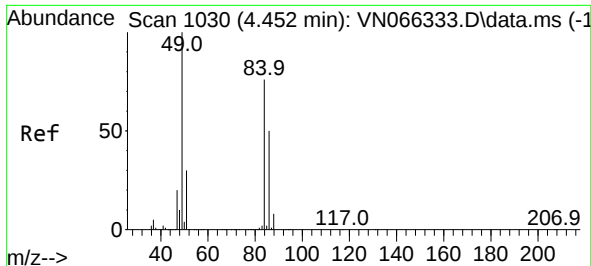
Tgt Ion: 76 Resp: 8251
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 2.07 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.008 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

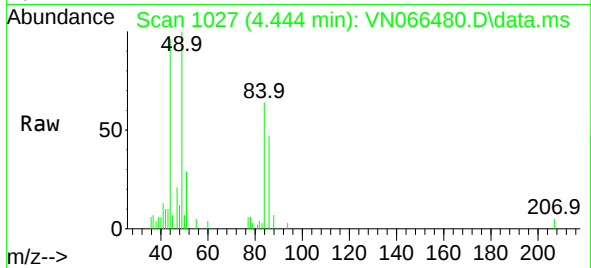
Tgt Ion: 43 Resp: 12442
Ion Ratio Lower Upper
43 100
74 14.3 17.6 26.4#



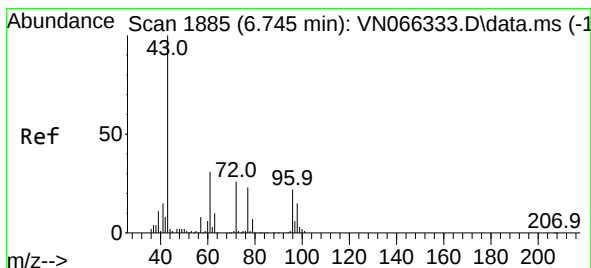
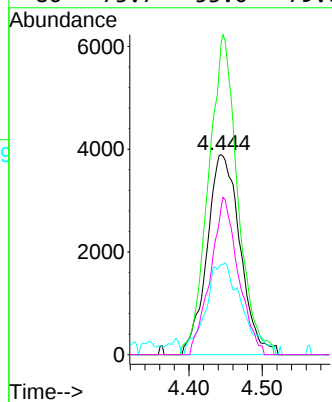
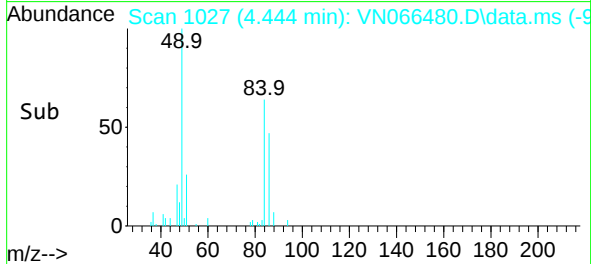


#20
Methylene Chloride
Concen: 1.71 ug/l
RT: 4.444 min Scan# 1027
Delta R.T. -0.003 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

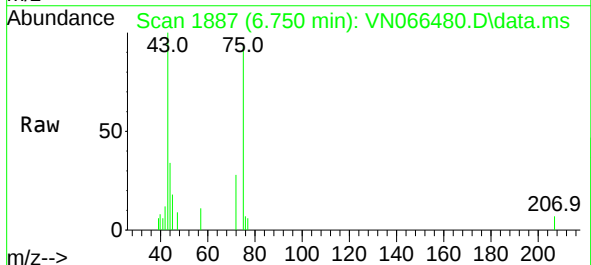
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP



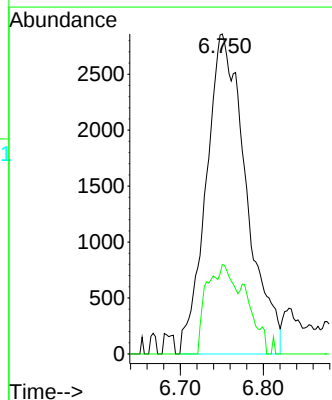
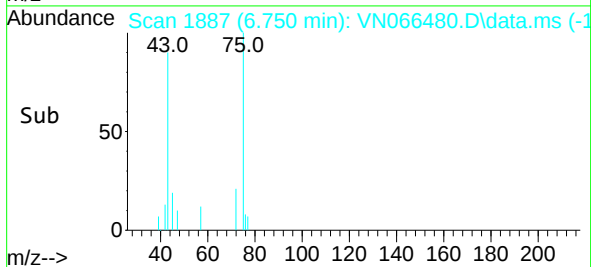
Tgt Ion:	84	Resp:	12196
Ion	Ratio	Lower	Upper
84	100		
49	156.1	105.0	157.6
51	41.3	31.6	47.4
86	73.7	53.0	79.6

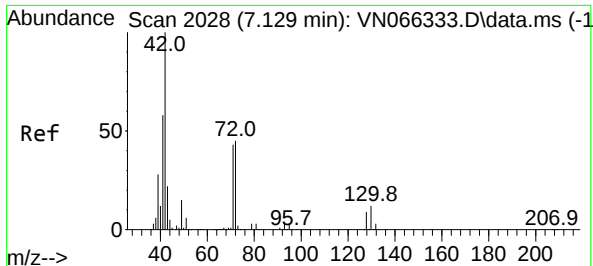


#25
2-Butanone
Concen: 3.81 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.011 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13



Tgt Ion:	43	Resp:	9567
Ion	Ratio	Lower	Upper
43	100		
72	27.9	20.7	31.1

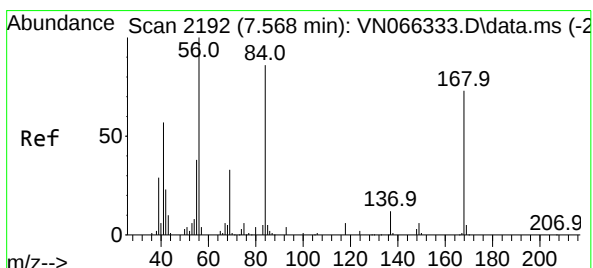
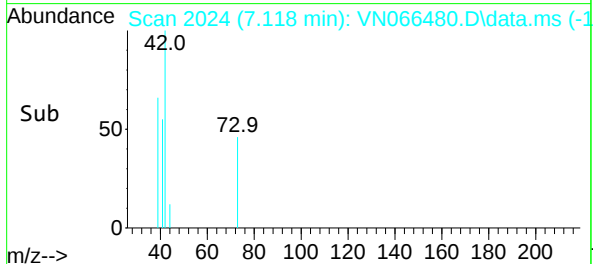
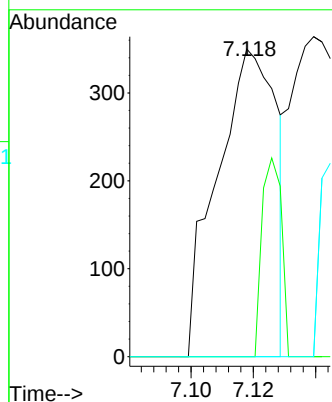
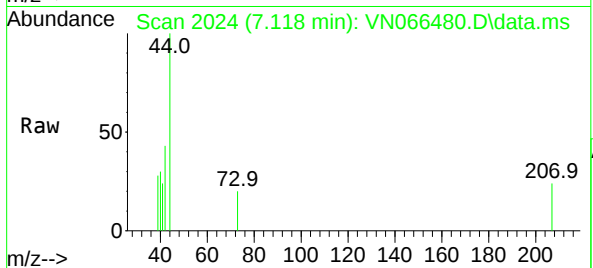




#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 7.118 min Scan# 2024
Delta R.T. -0.005 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

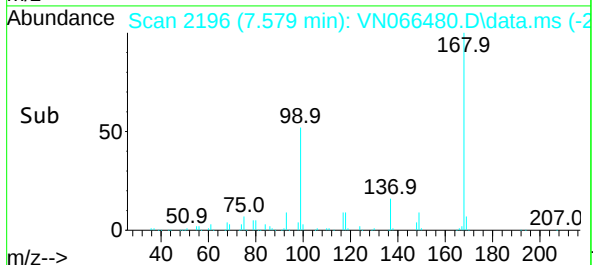
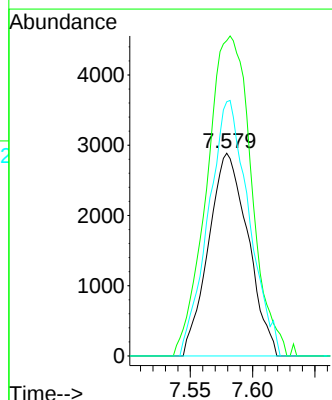
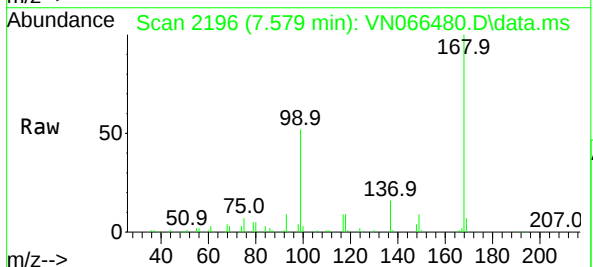
Instrument :
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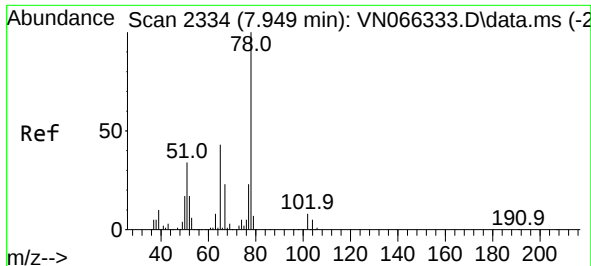
Tgt Ion: 42 Resp: 462
Ion Ratio Lower Upper
42 100
72 21.2 35.2 52.8#
71 0.0 33.1 49.7#



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.013 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

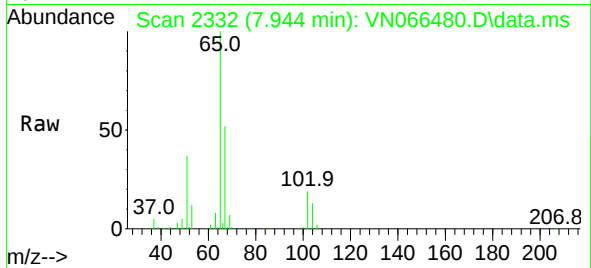
Tgt Ion: 56 Resp: 6352
Ion Ratio Lower Upper
56 100
69 146.9 26.6 40.0#
84 125.4 68.7 103.1#



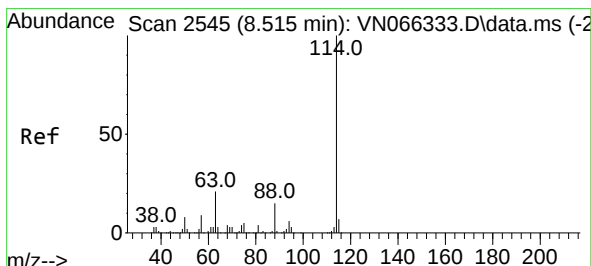
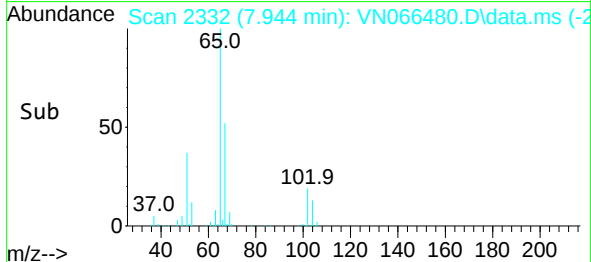
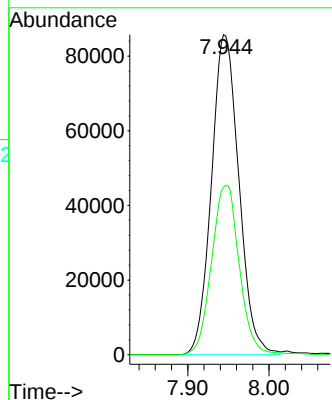


#33
 1,2-Dichloroethane-d4
 Concen: 47.29 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: VN066480.D
 Acq: 2 Apr 2021 20:13

Instrument :
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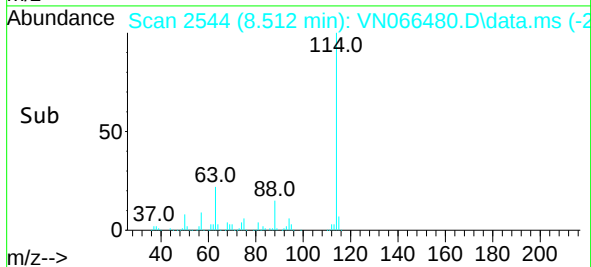
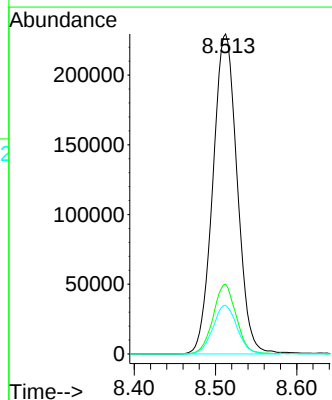
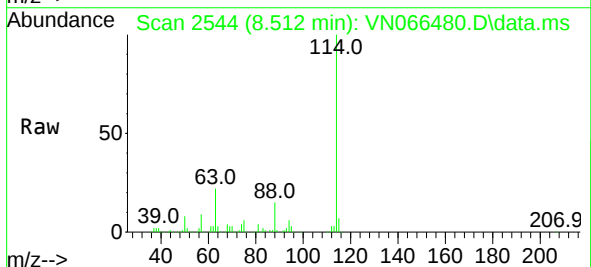


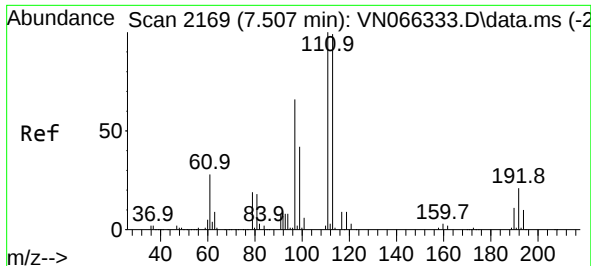
Tgt Ion: 65 Resp: 201104
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. 0.003 min
 Lab File: VN066480.D
 Acq: 2 Apr 2021 20:13

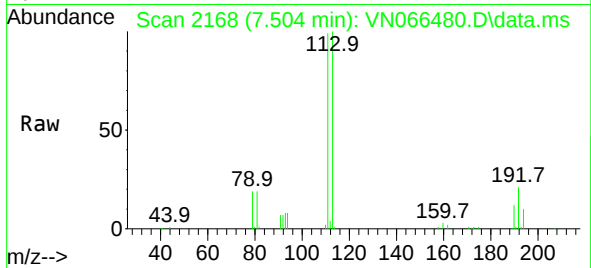
Tgt Ion: 114 Resp: 475625
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.0
 88 15.2 0.0 31.0



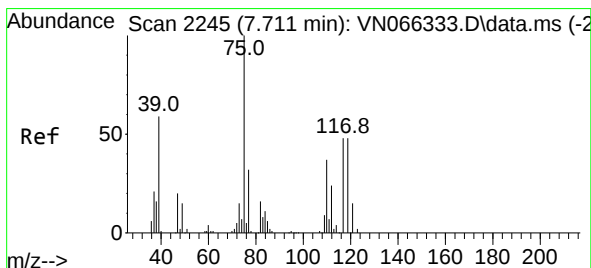
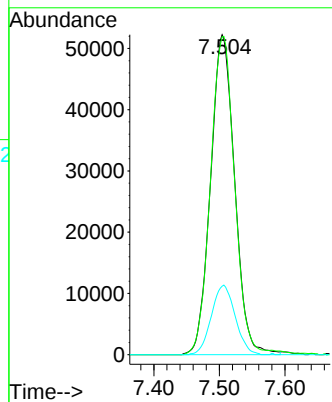
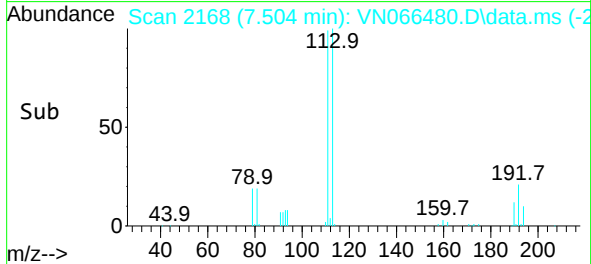


#35
Dibromofluoromethane
Concen: 42.23 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.003 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

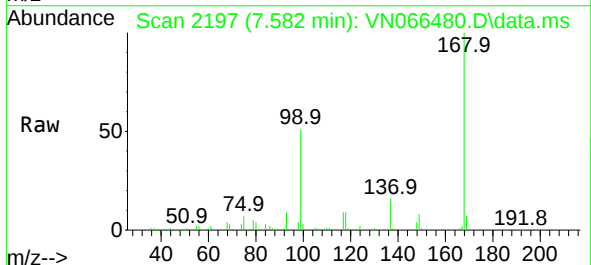
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP



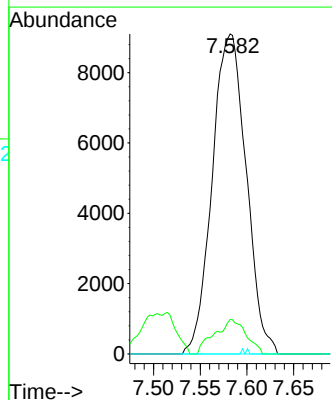
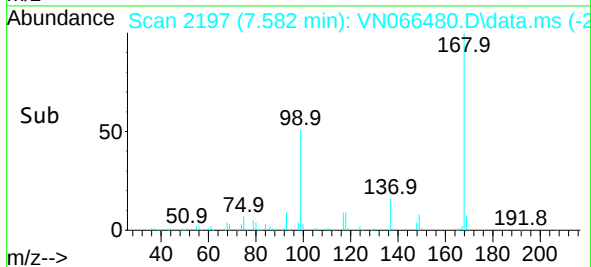
Tgt Ion: 113 Resp: 133156
Ion Ratio Lower Upper
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111 100.4 81.8 122.8
192 21.5 17.1 25.7

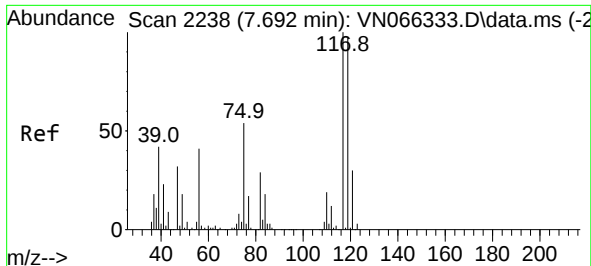


#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.123 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13



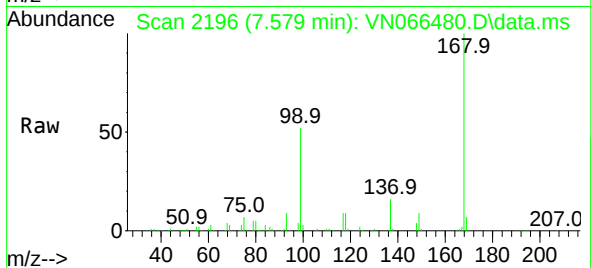
Tgt Ion: 75 Resp: 23025
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.3#
77 0.2 25.0 37.4#



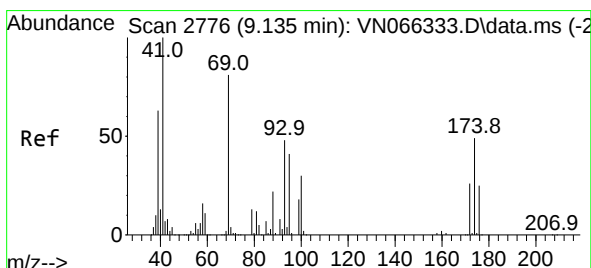
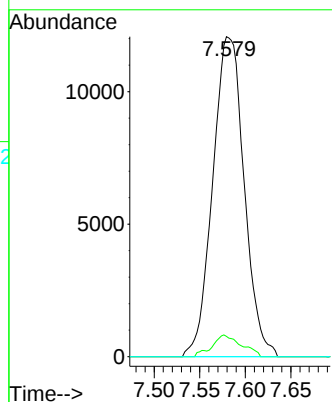
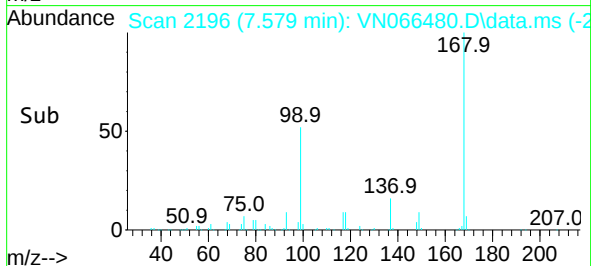


#38
Carbon Tetrachloride
Concen: 6.44 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.105 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

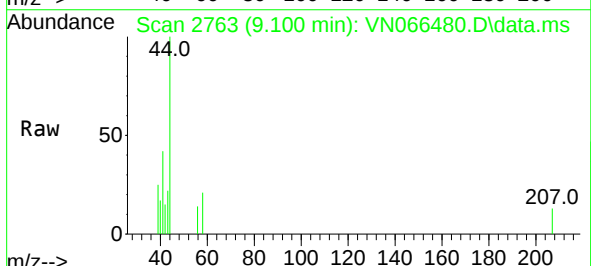
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP



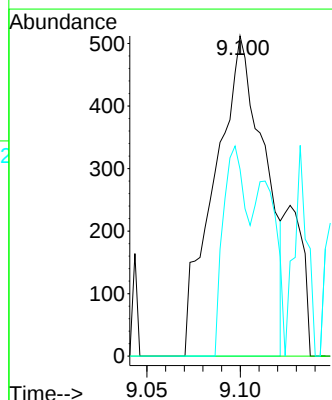
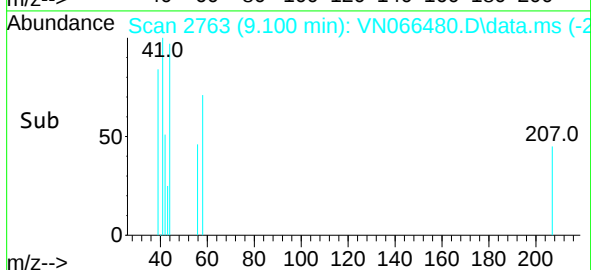
Tgt Ion:117 Resp: 28923
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 24.2 36.4#

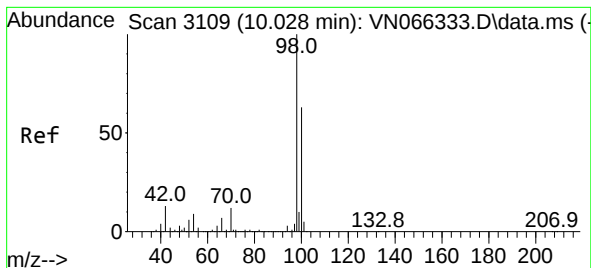


#48
Methyl methacrylate
Concen: 0.24 ug/l
RT: 9.100 min Scan# 2763
Delta R.T. -0.032 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13



Tgt Ion: 41 Resp: 952
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 30.8 51.5 77.3#

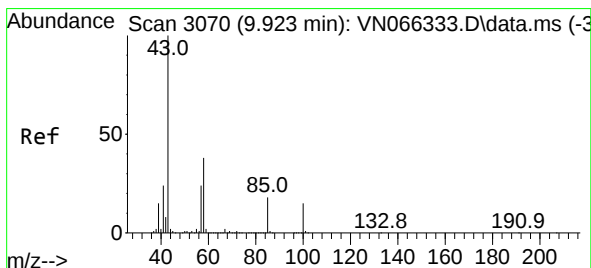
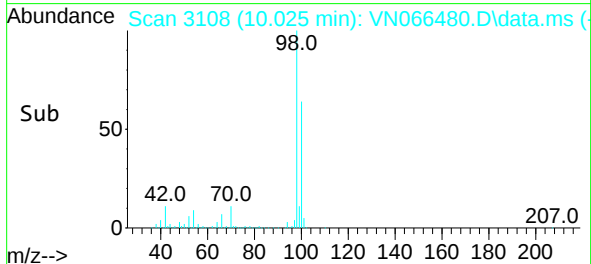
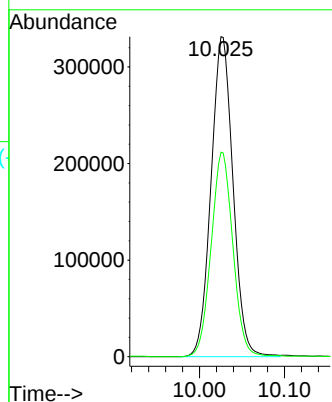
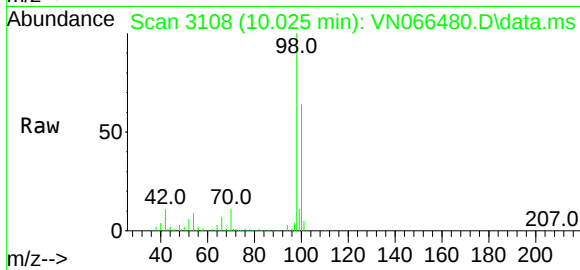




#50
Toluene-d8
Concen: 49.73 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

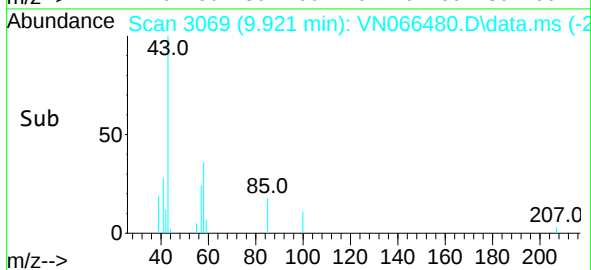
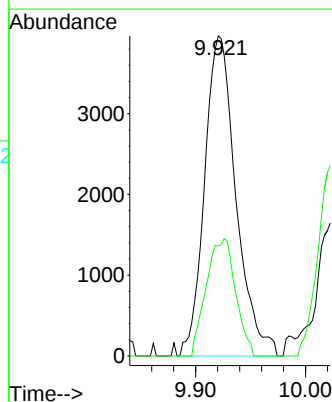
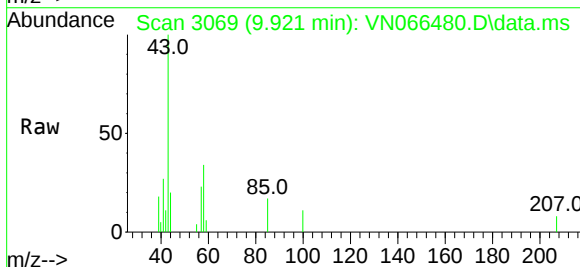
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP

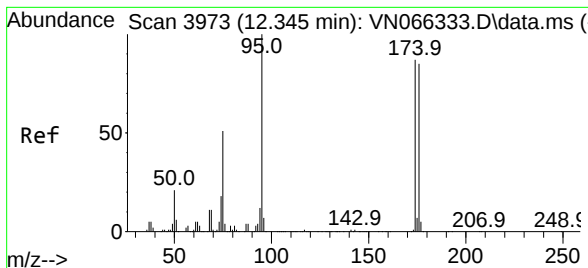
Tgt Ion: 98 Resp: 594778
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Tgt Ion: 43 Resp: 7873
Ion Ratio Lower Upper
43 100
58 34.0 30.8 46.2

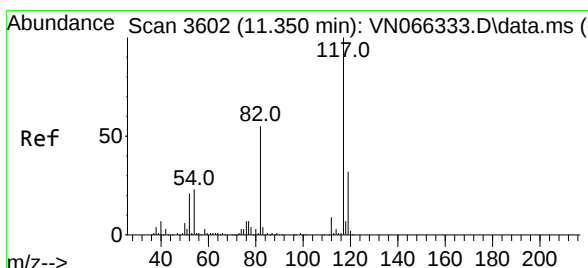
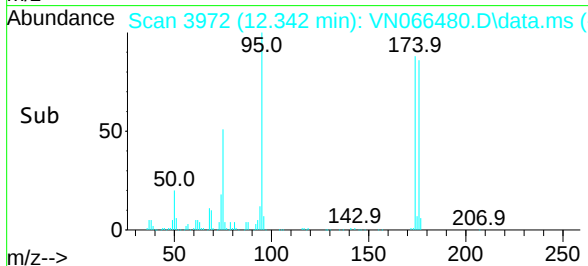
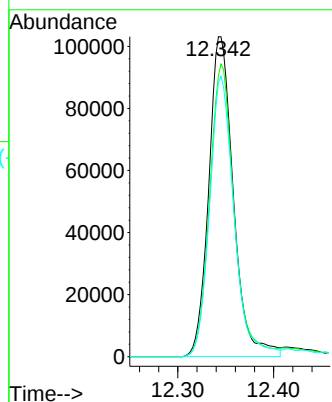
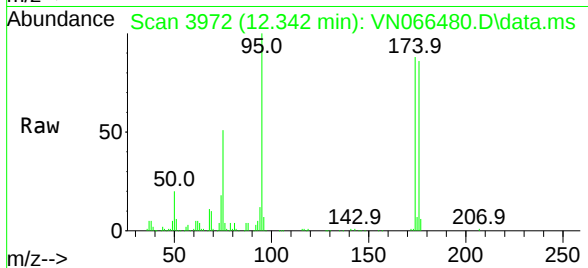




#62
4-Bromofluorobenzene
Concen: 44.40 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. -0.000 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

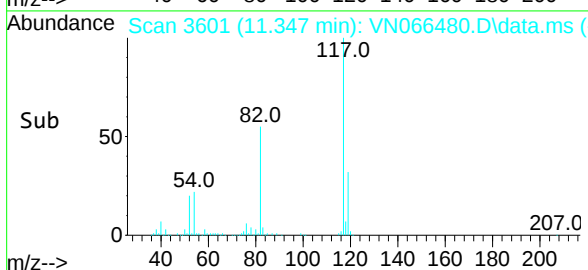
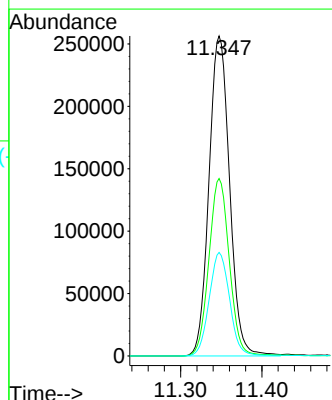
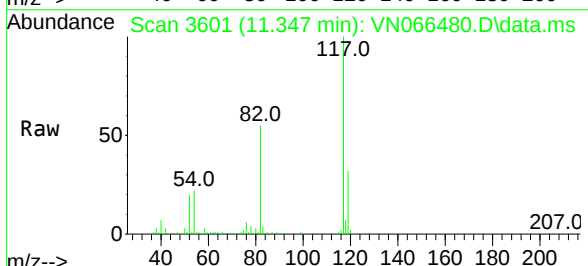
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP

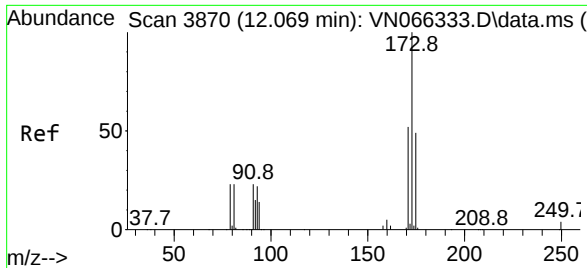
Tgt Ion: 95 Resp: 184439
Ion Ratio Lower Upper
95 100
174 90.2 0.0 172.2
176 86.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Tgt Ion: 117 Resp: 451567
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 32.3 25.8 38.6

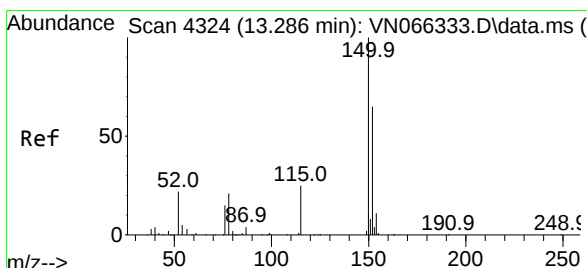
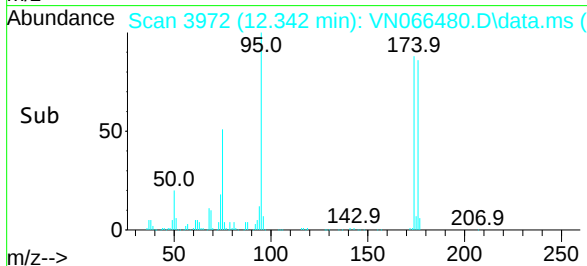
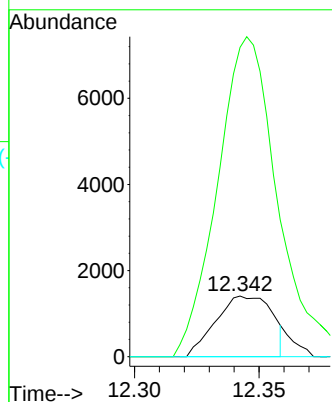
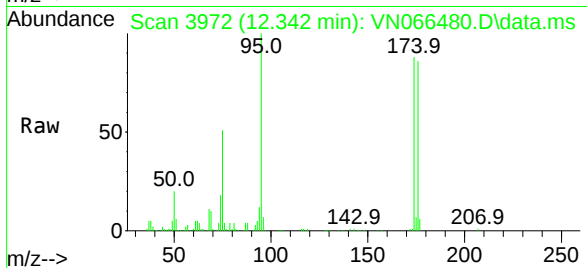




#71
Bromoform
Concen: 0.77 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. 0.274 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

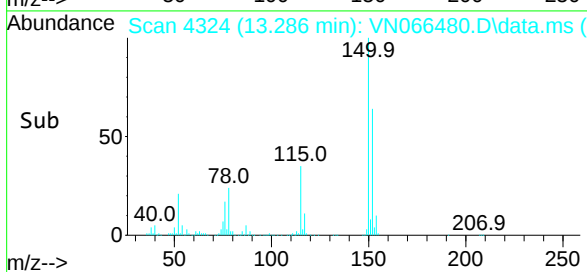
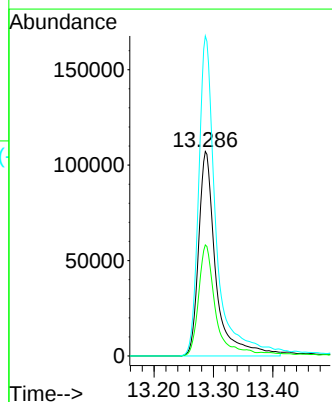
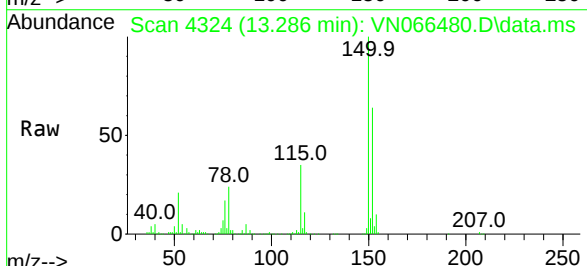
Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP

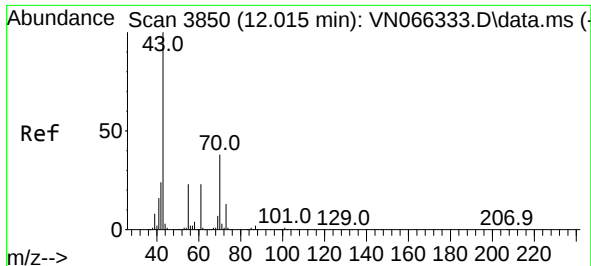
Tgt Ion:173 Resp: 2213
Ion Ratio Lower Upper
173 100
175 492.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Tgt Ion:152 Resp: 218523
Ion Ratio Lower Upper
152 100
115 53.1 27.8 83.4
150 154.1 0.0 348.4



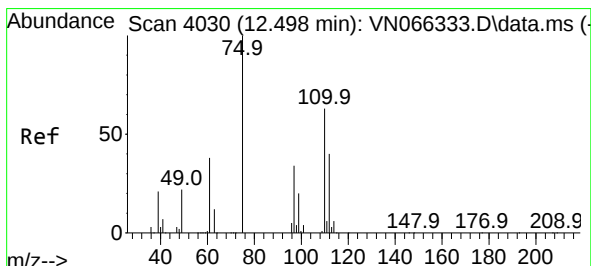
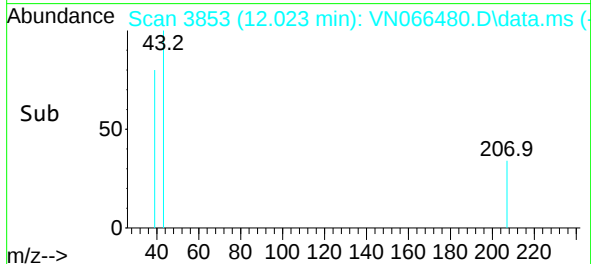
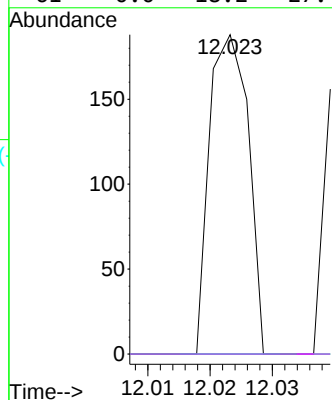
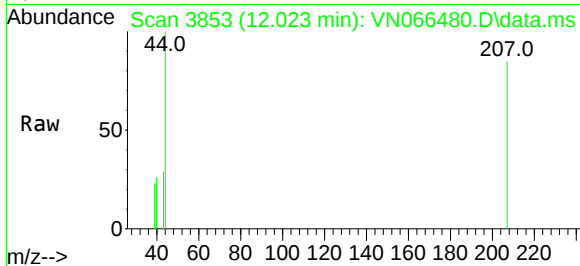


#74
N-amy1 acetate
Concen: 3.21 ug/l
RT: 12.023 min Scan# 3853
Delta R.T. 0.008 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP

Tgt Ion: 43 Resp: 81

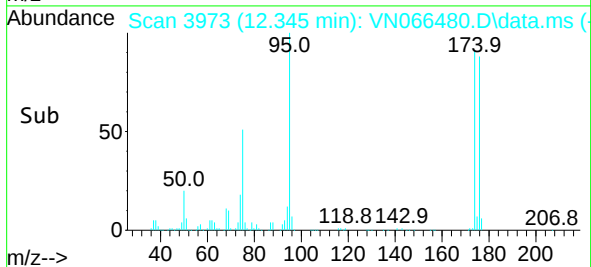
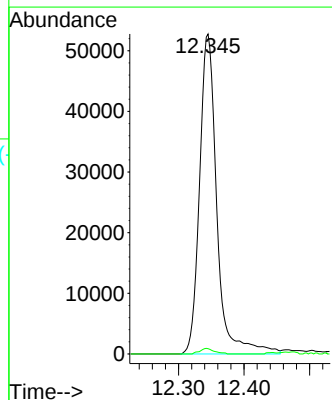
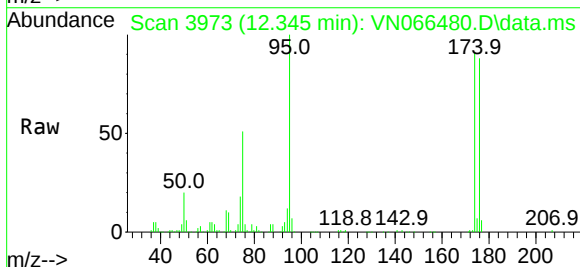
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.2	46.8#
55	0.0	18.6	28.0#
61	0.0	18.2	27.4#

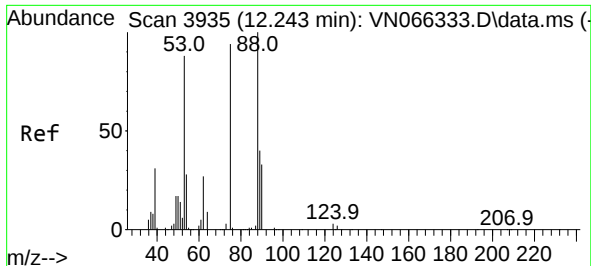


#76
1,2,3-Trichloropropane
Concen: 20.13 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.150 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Tgt Ion: 75 Resp: 96503

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

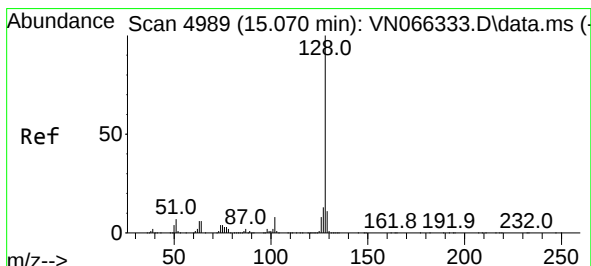
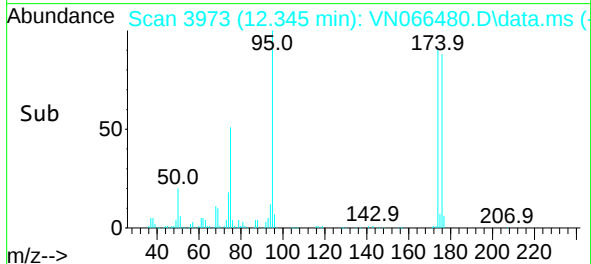
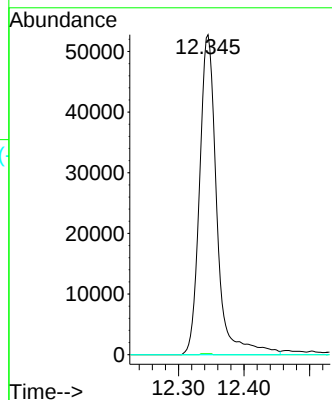
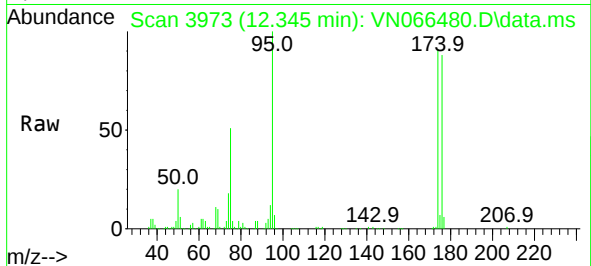




#81
trans-1,4-Dichloro-2-butene
Concen: 60.52 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Instrument :
MSVOA_N
ClientSampleId :
0156-AMENDED-CP-COMP

Tgt Ion: 75 Resp: 96503
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 1.15 ug/l
RT: 15.274 min Scan# 5065
Delta R.T. 0.013 min
Lab File: VN066480.D
Acq: 2 Apr 2021 20:13

Tgt Ion: 128 Resp: 1391
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 7.9 8.5 12.7#

