

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066229.D
 Acq On : 17 Mar 2021 12:09
 Operator : JC/MD
 Sample : VN0317MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 18 04:42:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

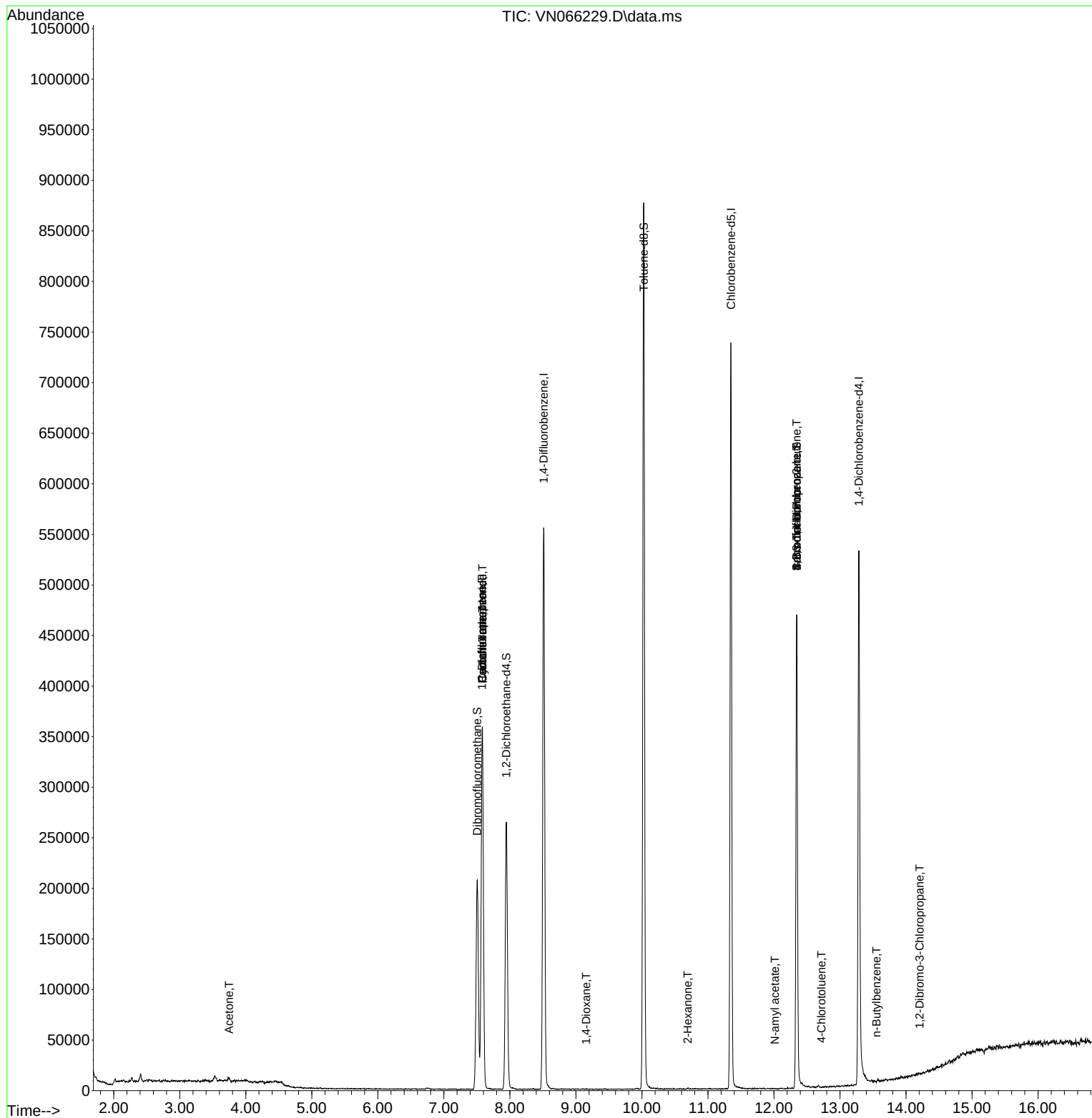
Internal Standards						
1) Pentafluorobenzene	7.582	168	299698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	464202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	427323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	165904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	224040	51.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.78%			
35) Dibromofluoromethane	7.507	113	157322	53.12	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.24%			
50) Toluene-d8	10.028	98	585285	51.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.22%			
62) 4-Bromofluorobenzene	12.345	95	162291	39.32	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 78.64%#			
Target Compounds					Qvalue	
13) Acrolein	3.535	56	4861	Below Cal		98
16) Acetone	3.749	43	2905	1.40	ug/l	92
31) Cyclohexane	7.584	56	6038	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.579	75	22220	4.73	ug/l #	47
38) Carbon Tetrachloride	7.584	117	27286	6.48	ug/l #	18
49) 1,4-Dioxane	9.156	88	26	0.49	ug/l #	16
59) 2-Hexanone	10.696	43	393	1.41	ug/l	74
71) Bromoform	12.345	173	1719	0.67	ug/l #	1
74) N-amyl acetate	12.015	43	62	2.17	ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	75151	17.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	75151	52.49	ug/l #	11
82) 4-Chlorotoluene	12.720	91	25	0.47	ug/l #	43
89) n-Butylbenzene	13.555	91	140	2.25	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.209	75	52	0.89	ug/l #	8

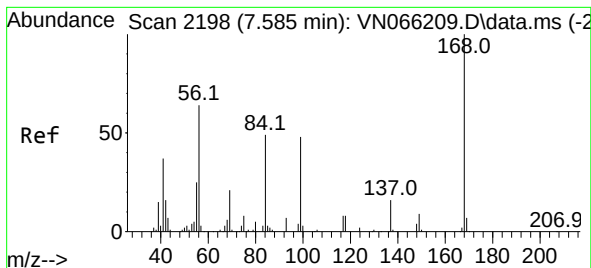
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.582 min Scan# 2197

Delta R.T. -0.003 min

Lab File: VN066229.D

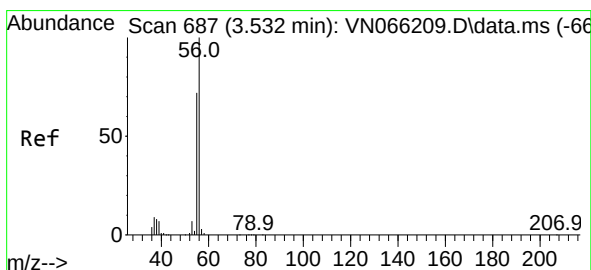
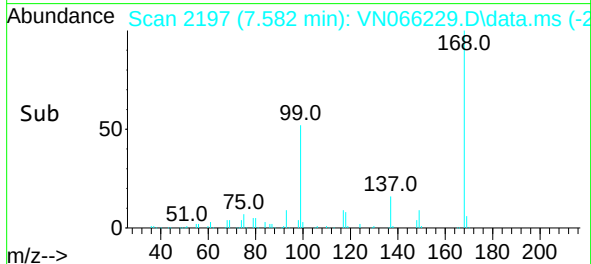
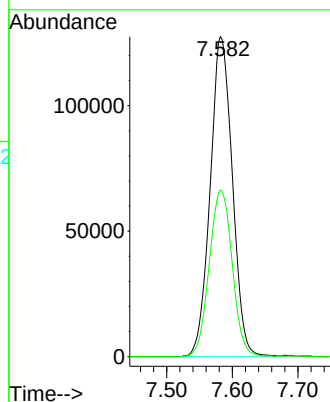
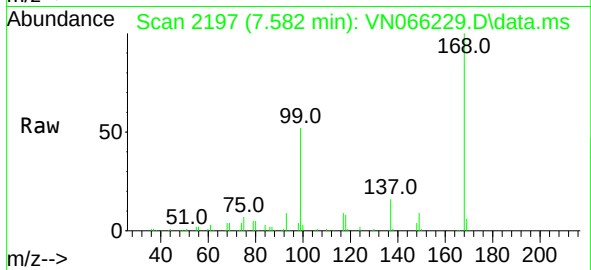
Acq: 17 Mar 2021 12:09

Tgt Ion:168 Resp: 299698

Ion Ratio Lower Upper

168 100

99 52.1 45.4 68.0



#13

Acrolein

Concen: Below Cal

RT: 3.535 min Scan# 688

Delta R.T. 0.003 min

Lab File: VN066229.D

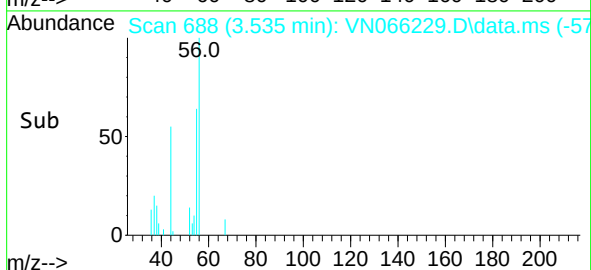
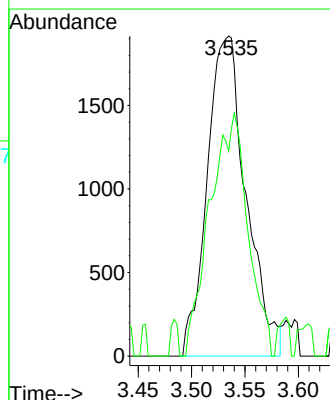
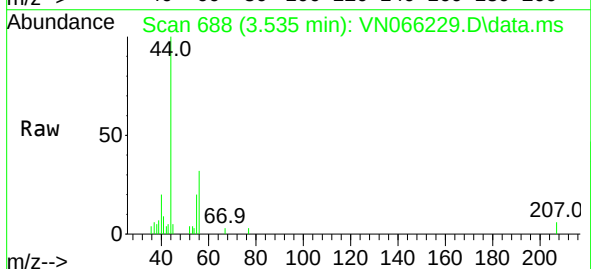
Acq: 17 Mar 2021 12:09

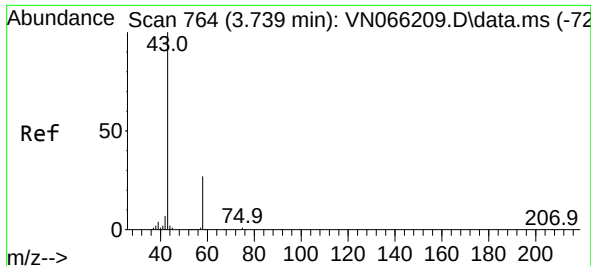
Tgt Ion: 56 Resp: 4861

Ion Ratio Lower Upper

56 100

55 74.2 58.0 87.0

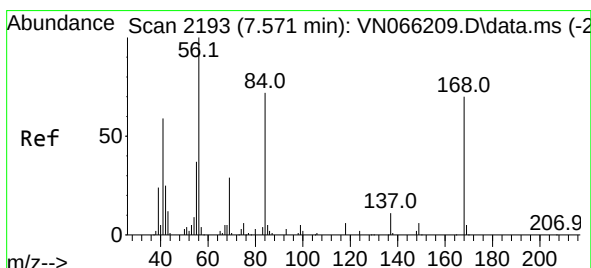
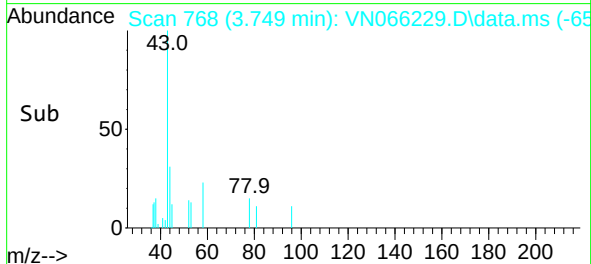
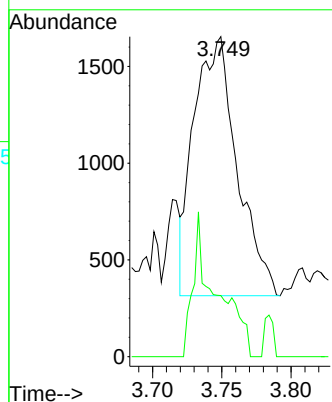
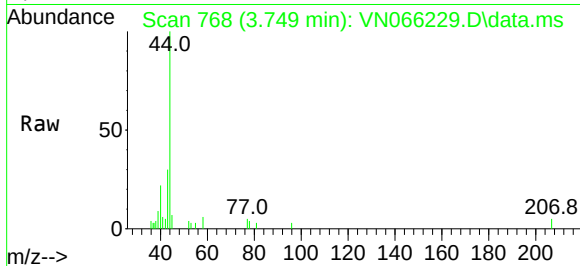




#16
Acetone
Concen: 1.40 ug/l
RT: 3.749 min Scan# 768
Delta R.T. 0.010 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

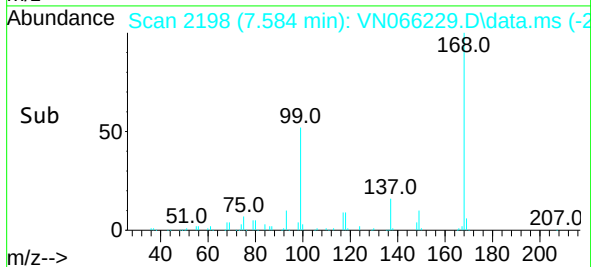
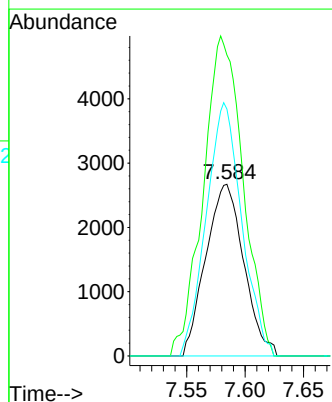
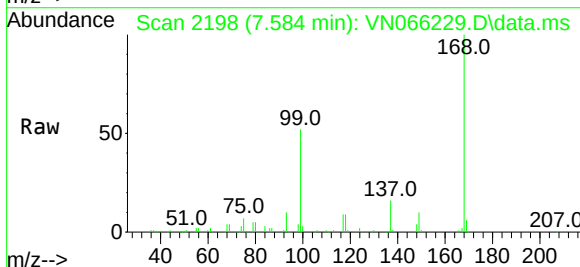
Instrument :
MSVOA_N
ClientSampleId :

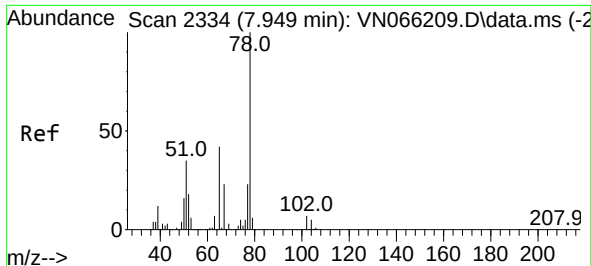
Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
58 23.6 22.3 33.5



#31
Cyclohexane
Concen: 0.93 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.013 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

Tgt Ion: 56 Resp: 6038
Ion Ratio Lower Upper
56 100
69 175.2 23.4 35.0#
84 143.8 57.8 86.6#





#33

1,2-Dichloroethane-d4

Concen: 51.89 ug/l

RT: 7.947 min Scan# 2333

Delta R.T. -0.002 min

Lab File: VN066229.D

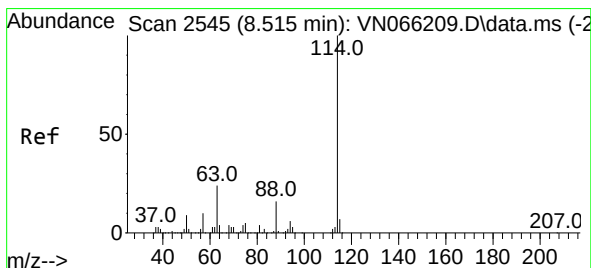
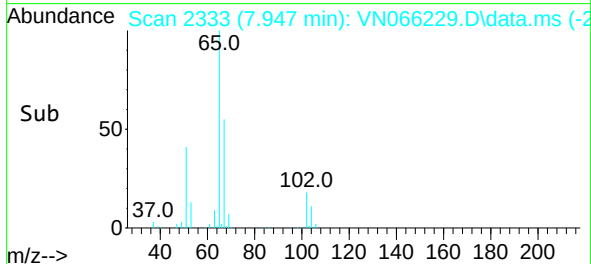
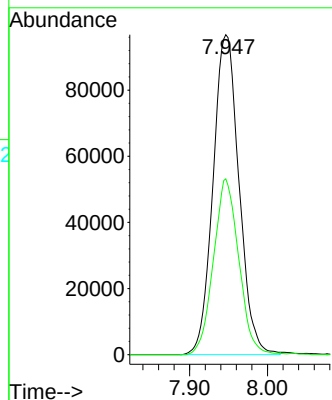
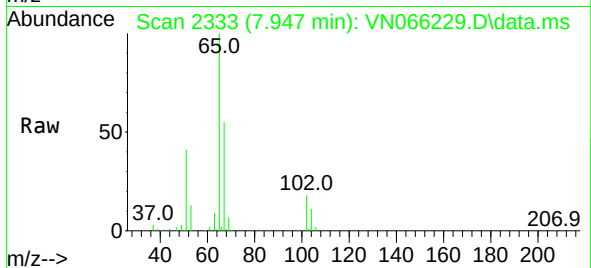
Acq: 17 Mar 2021 12:09

Tgt Ion: 65 Resp: 224040

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.003 min

Lab File: VN066229.D

Acq: 17 Mar 2021 12:09

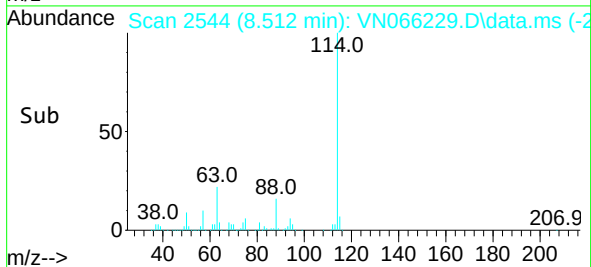
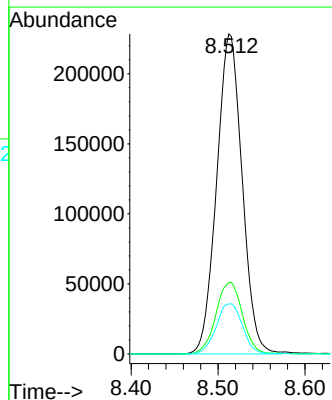
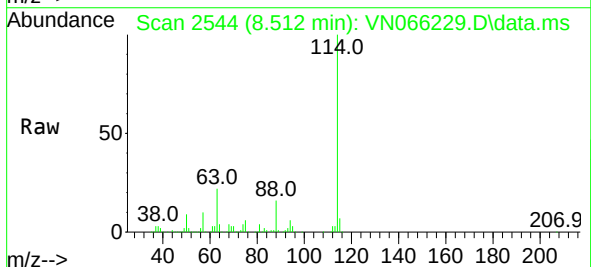
Tgt Ion: 114 Resp: 464202

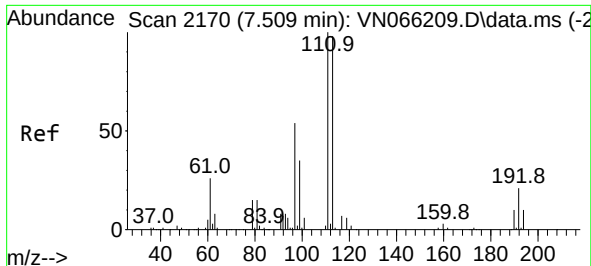
Ion Ratio Lower Upper

114 100

63 22.3 0.0 49.2

88 15.7 0.0 33.8

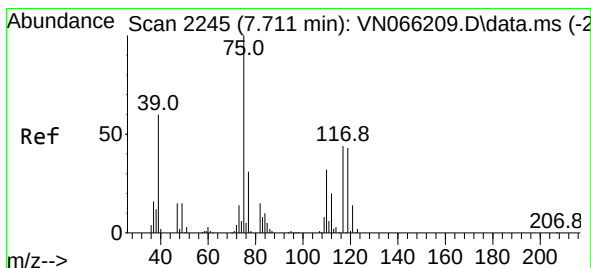
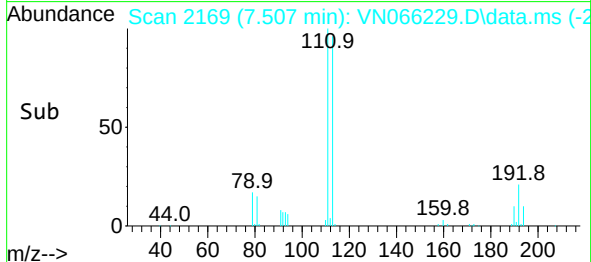
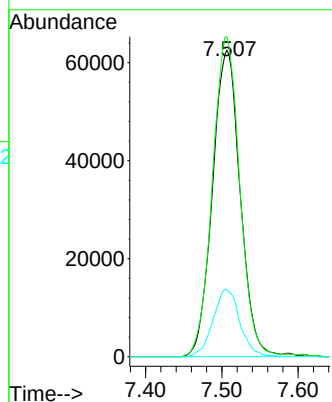
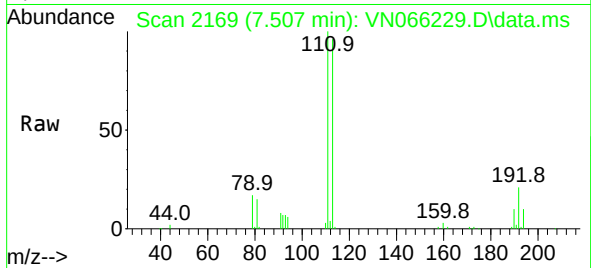




#35
Dibromofluoromethane
Concen: 53.12 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

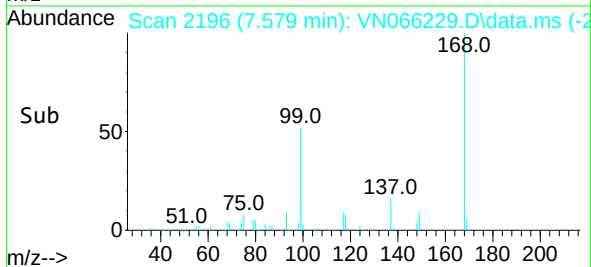
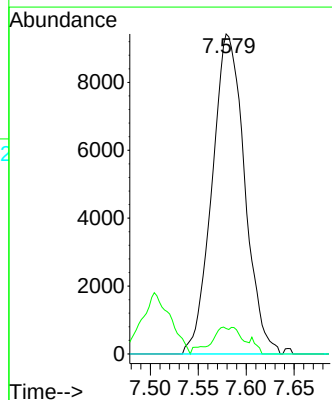
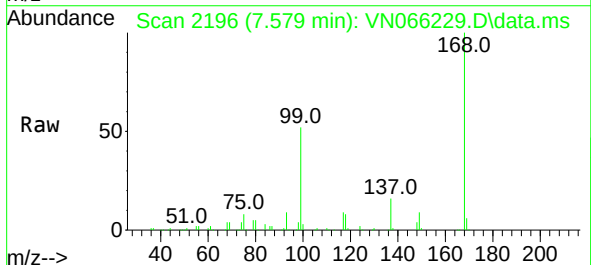
Instrument :
MSVOA_N
ClientSampleId :

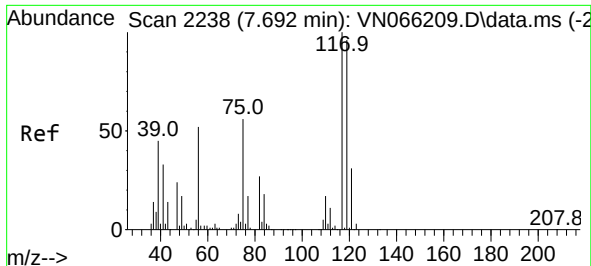
Tgt Ion:113 Resp: 157322
Ion Ratio Lower Upper
113 100
111 103.3 84.0 126.0
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.132 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

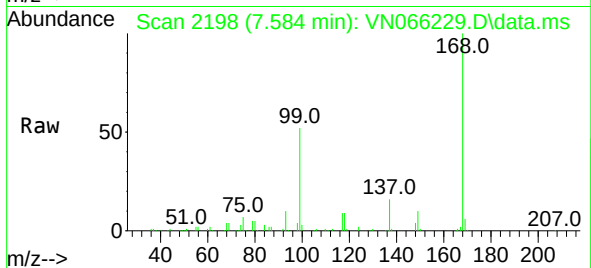
Tgt Ion: 75 Resp: 22220
Ion Ratio Lower Upper
75 100
110 4.7 16.0 48.0#
77 0.0 24.9 37.3#



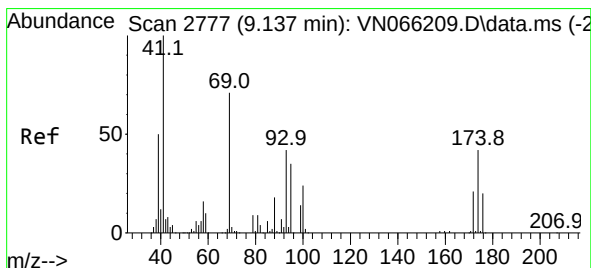
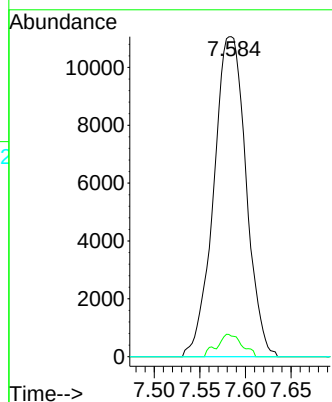
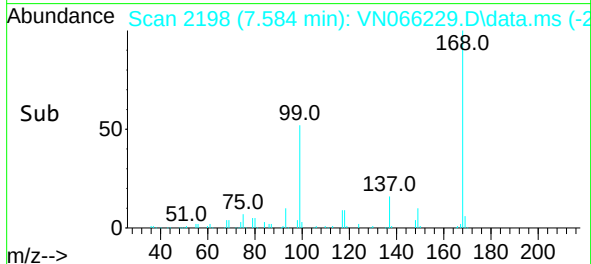


#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.108 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

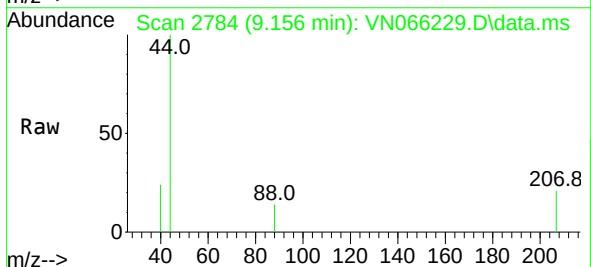
Instrument :
MSVOA_N
ClientSampled :



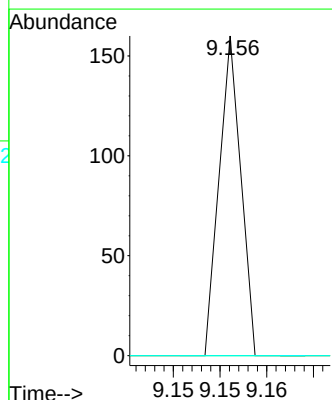
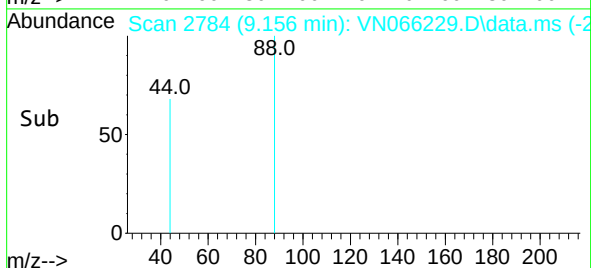
Tgt Ion:117 Resp: 27286
Ion Ratio Lower Upper
117 100
119 6.5 74.6 111.8#
121 0.0 23.9 35.9#

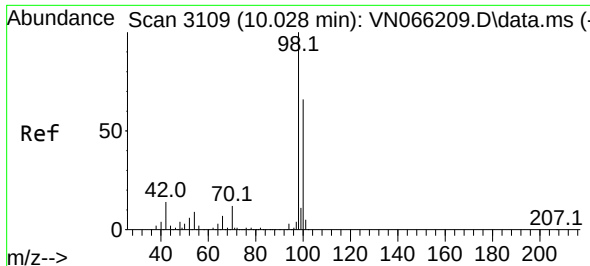


#49
1,4-Dioxane
Concen: 0.49 ug/l
RT: 9.156 min Scan# 2784
Delta R.T. 0.019 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09



Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 34.4 51.6#
58 0.0 67.3 100.9#

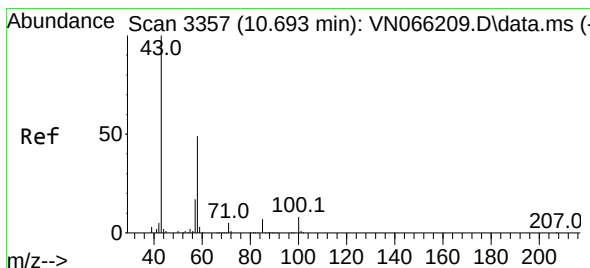
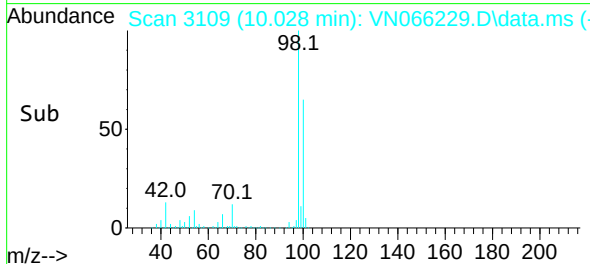
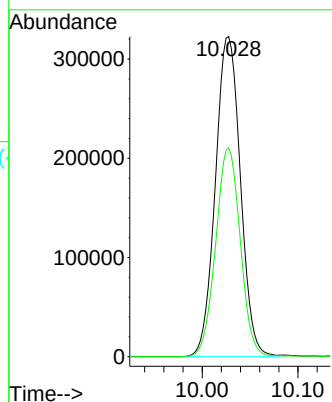
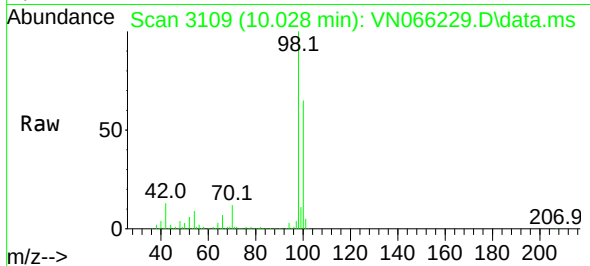




#50
Toluene-d8
Concen: 51.11 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

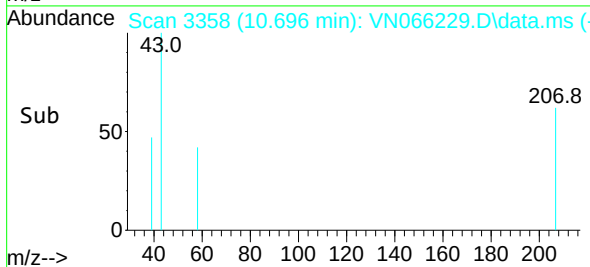
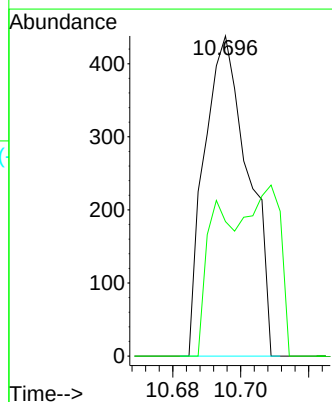
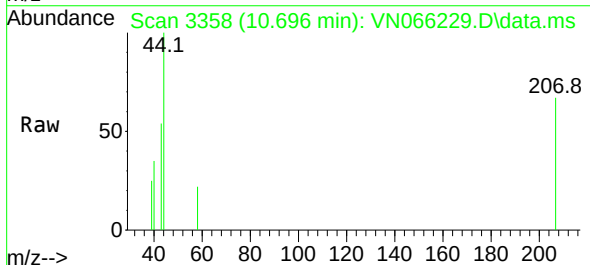
Instrument :
MSVOA_N
ClientSampled :

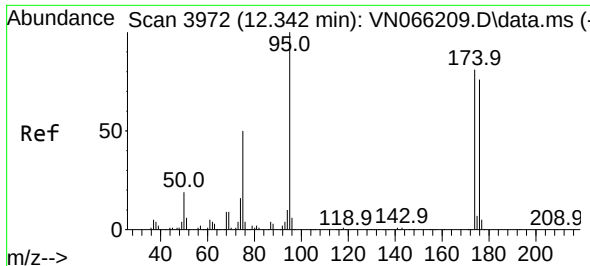
Tgt Ion: 98 Resp: 585285
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6



#59
2-Hexanone
Concen: 1.41 ug/l
RT: 10.696 min Scan# 3358
Delta R.T. 0.003 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 30.0 23.8 71.5

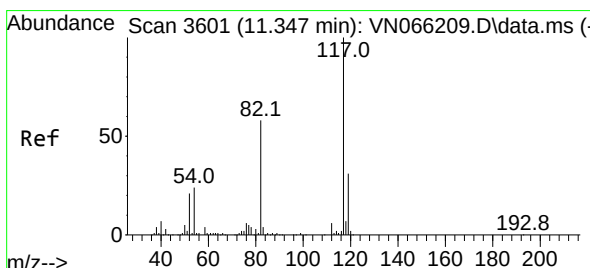
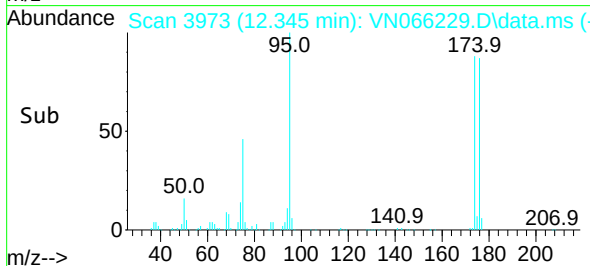
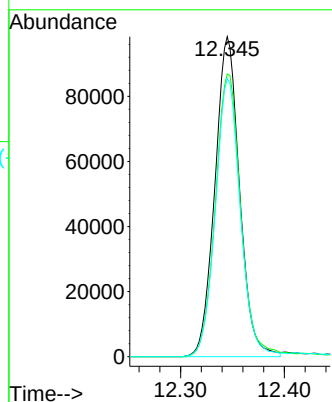
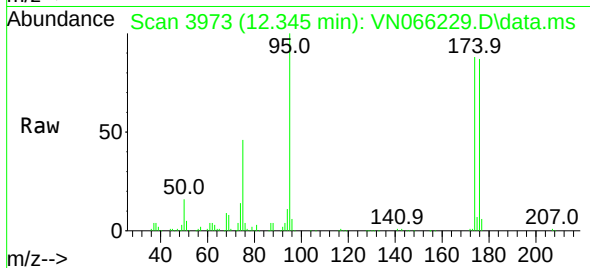




#62
4-Bromofluorobenzene
Concen: 39.32 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

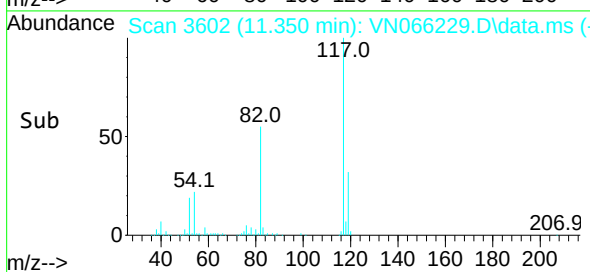
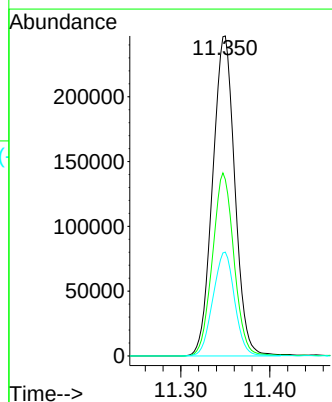
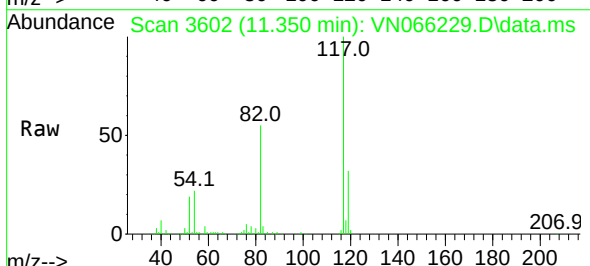
Instrument :
MSVOA_N
ClientSampled :

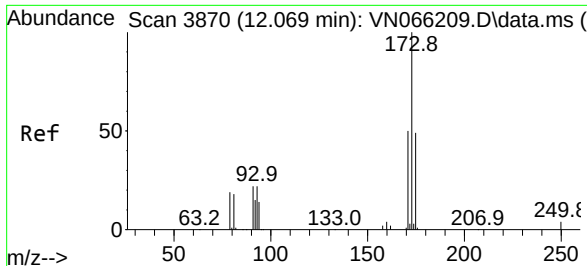
Tgt Ion: 95 Resp: 162291
Ion Ratio Lower Upper
95 100
174 91.6 0.0 162.4
176 87.9 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

Tgt Ion: 117 Resp: 427323
Ion Ratio Lower Upper
117 100
82 55.1 49.0 73.6
119 32.5 25.7 38.5

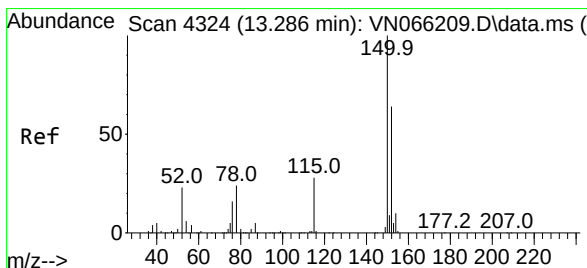
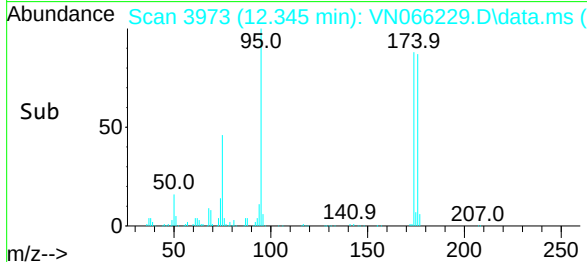
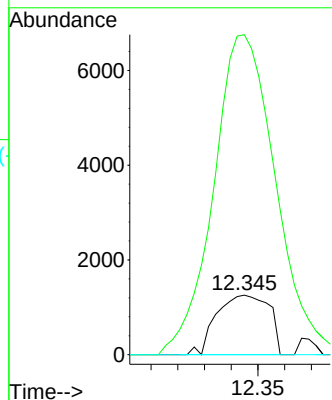
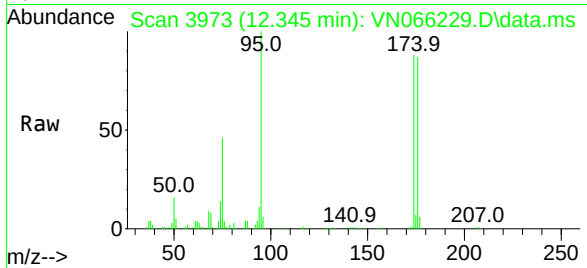




#71
Bromoform
Concen: 0.67 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

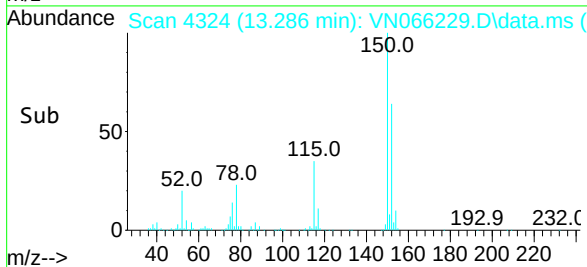
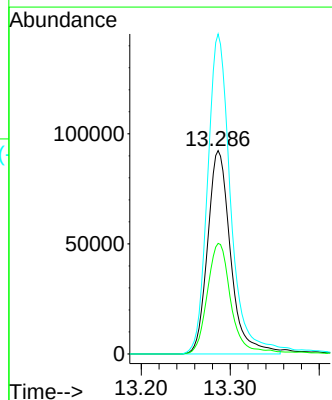
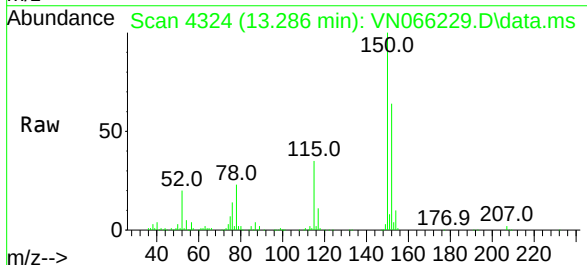
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MSVOA_N
ClientSampleId :

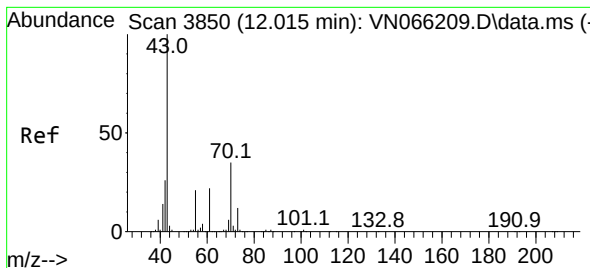
Tgt Ion:173 Resp: 1719
Ion Ratio Lower Upper
173 100
175 571.7 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

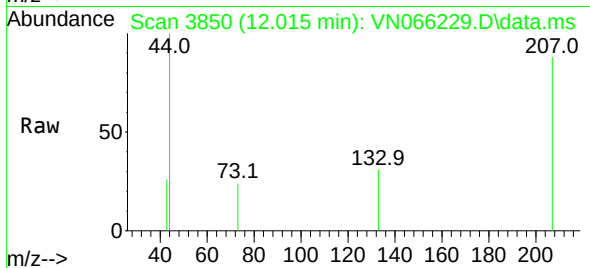
Tgt Ion:152 Resp: 165904
Ion Ratio Lower Upper
152 100
115 56.2 29.4 88.3
150 158.8 0.0 352.2



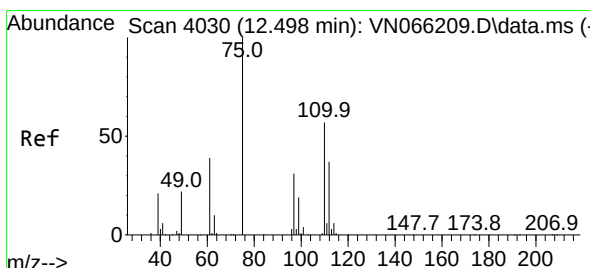
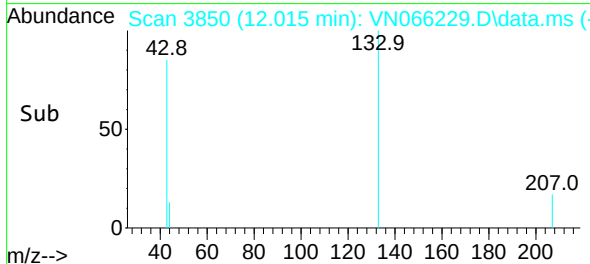
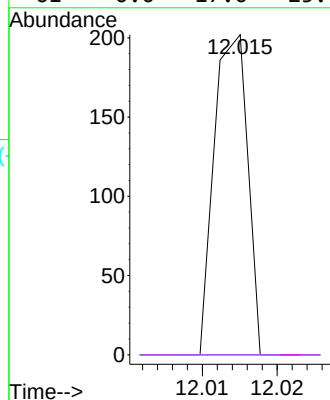


#74
N-amy1 acetate
Concen: 2.17 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. 0.000 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

Instrument :
MSVOA_N
ClientSampleId :

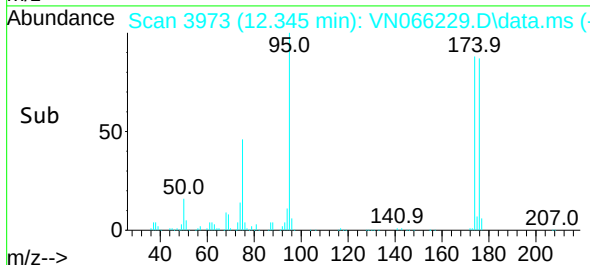
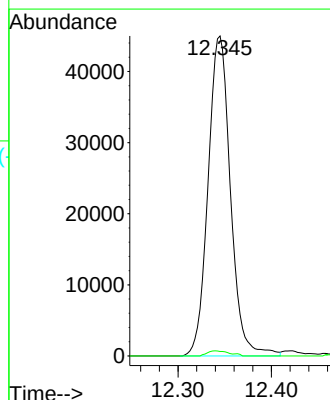
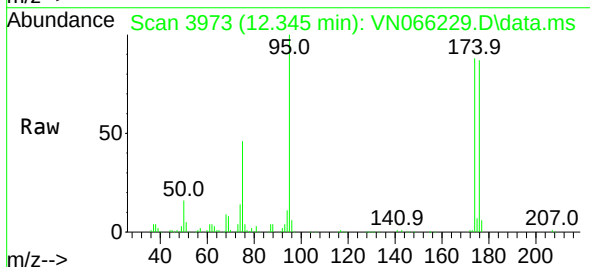


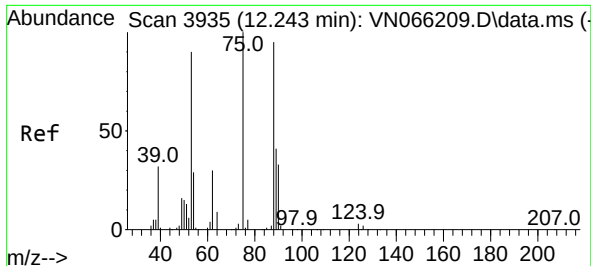
Tgt Ion: 43	Resp: 62
Ion Ratio	Lower Upper
43 100	
70 0.0	26.2 39.4#
55 0.0	17.2 25.8#
61 0.0	17.0 25.4#



#76
1,2,3-Trichloropropane
Concen: 17.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

Tgt Ion: 75	Resp: 75151
Ion Ratio	Lower Upper
75 100	
77 1.6	0.0 0.0#

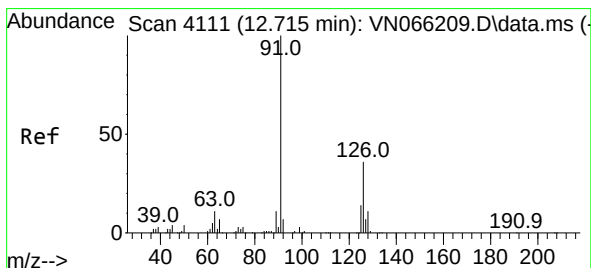
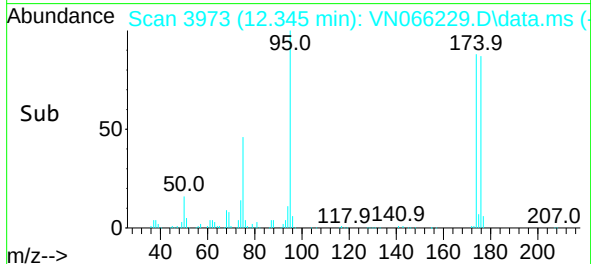
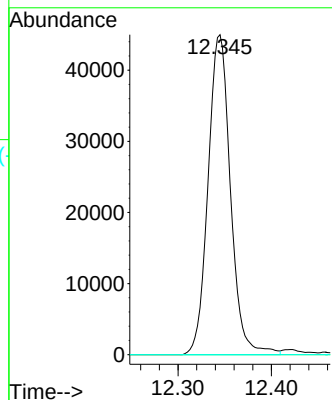
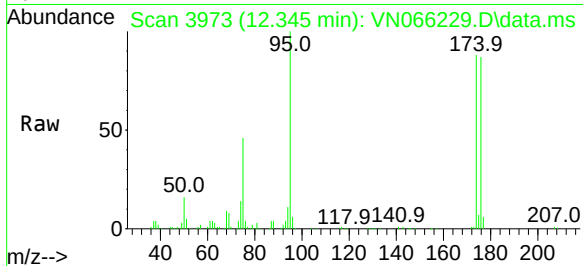




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.49 ug/l
 RT: 12.345 min Scan# 3973
 Delta R.T. 0.102 min
 Lab File: VN066229.D
 Acq: 17 Mar 2021 12:09

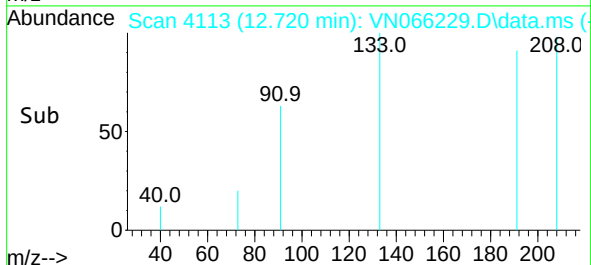
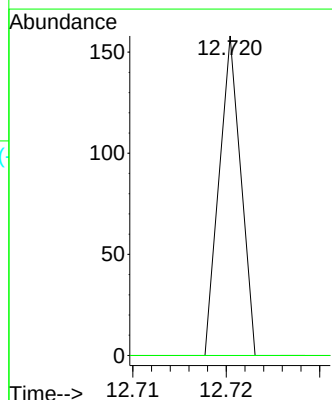
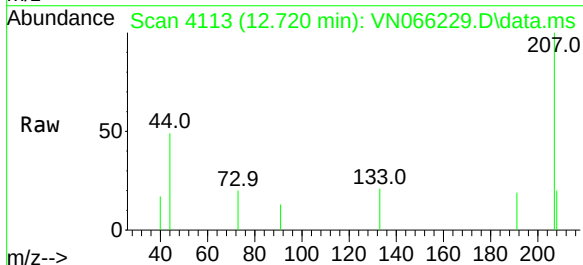
Instrument :
 MSVOA_N
 ClientSampleId :

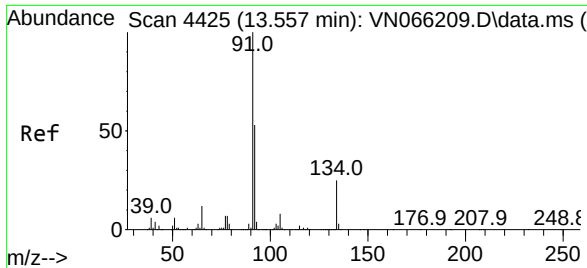
Tgt Ion: 75 Resp: 75151
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.6#
 89 0.0 33.7 50.5#



#82
 4-Chlorotoluene
 Concen: 0.47 ug/l
 RT: 12.720 min Scan# 4113
 Delta R.T. 0.005 min
 Lab File: VN066229.D
 Acq: 17 Mar 2021 12:09

Tgt Ion: 91 Resp: 25
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#

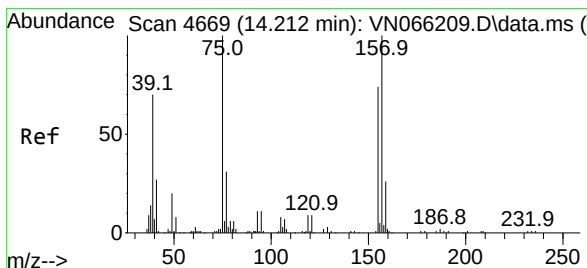
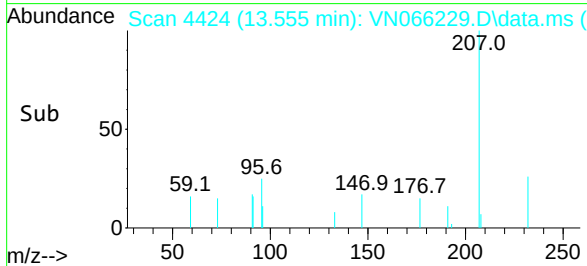
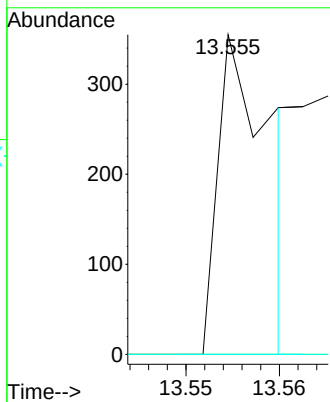
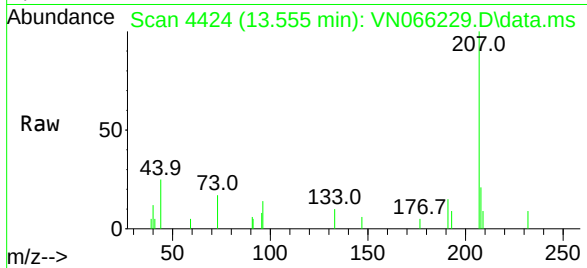




#89
n-Butylbenzene
Concen: 2.25 ug/l
RT: 13.555 min Scan# 4424
Delta R.T. -0.002 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 91 Resp: 140
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 11.8 35.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.89 ug/l
RT: 14.209 min Scan# 4668
Delta R.T. -0.003 min
Lab File: VN066229.D
Acq: 17 Mar 2021 12:09

Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
155 0.0 36.5 109.7#
157 0.0 46.3 138.8#

