

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067014.D
 Acq On : 6 May 2021 16:48
 Operator : JC/MD
 Sample : M2266-08RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:09:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.592	168	438058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	740150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	643708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	226812	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	387951	56.26	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.52%
35) Dibromofluoromethane	7.512	113	271158	53.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.90%
50) Toluene-d8	10.030	98	1031010	53.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.74%
62) 4-Bromofluorobenzene	12.350	95	268311	41.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.80%

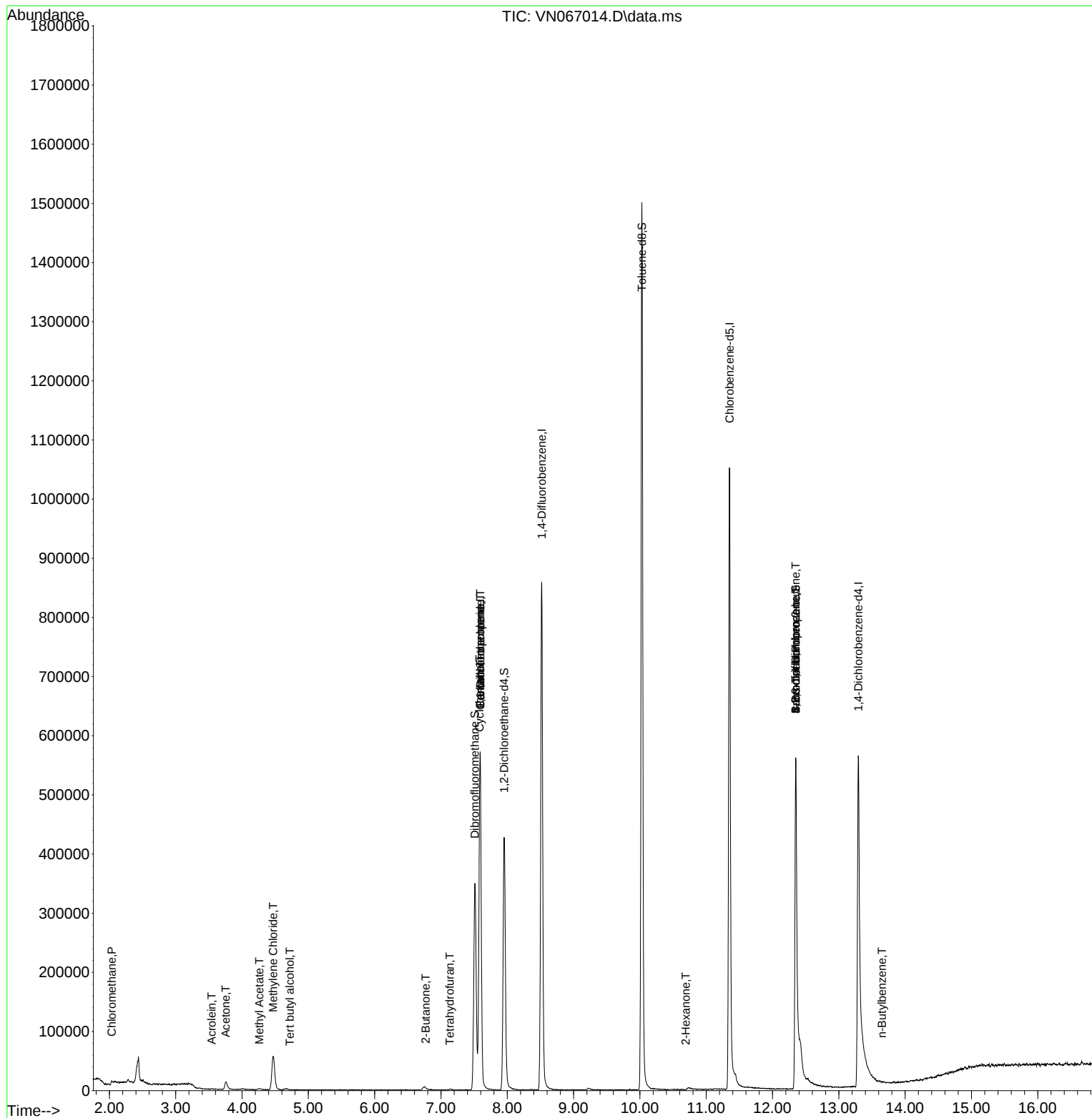
Target Compounds						Qvalue
3) Chloromethane	2.035	50	2149	0.25	ug/l #	84
11) Tert butyl alcohol	4.722	59	311	0.32	ug/l #	73
13) Acrolein	3.542	56	287	0.35	ug/l #	1
16) Acetone	3.754	43	21274	8.77	ug/l	100
18) Methyl Acetate	4.261	43	2657	0.38	ug/l	90
20) Methylene Chloride	4.470	84	42902	6.97	ug/l	97
25) 2-Butanone	6.771	43	2734	0.76	ug/l #	77
29) Tetrahydrofuran	7.134	42	641	0.27	ug/l	90
31) Cyclohexane	7.584	56	10653	1.10	ug/l #	4
36) 1,1-Dichloropropene	7.592	75	37915	4.92	ug/l #	49
38) Carbon Tetrachloride	7.592	117	45218	5.63	ug/l #	17
59) 2-Hexanone	10.693	43	214	28.40	ug/l #	23
71) Bromoform	12.350	173	2138	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	134776	24.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	134776	75.07	ug/l #	12
89) n-Butylbenzene	13.651	91	89	5.25	ug/l #	34

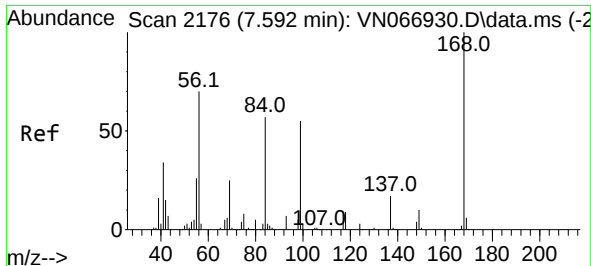
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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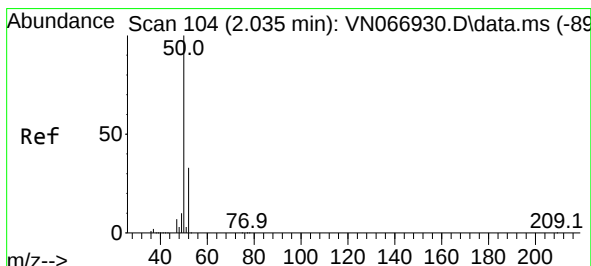
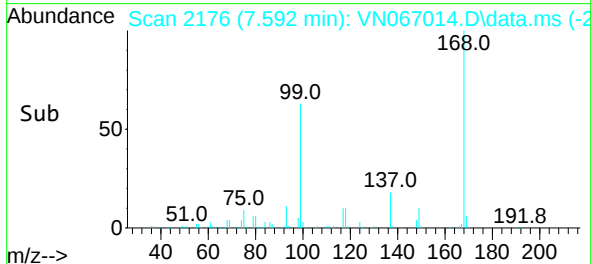
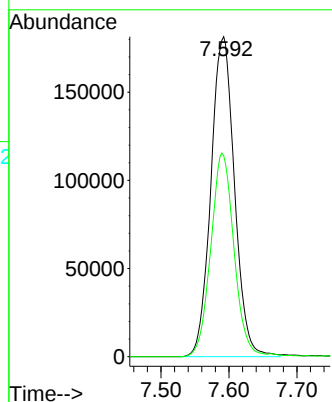
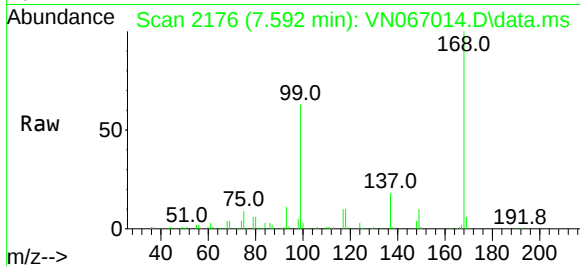




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

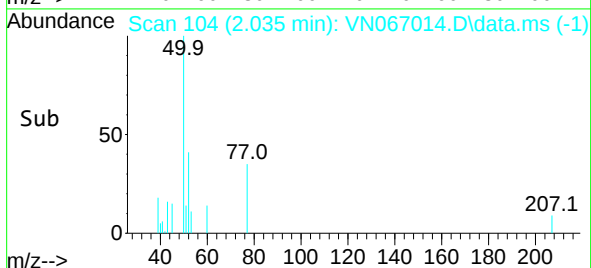
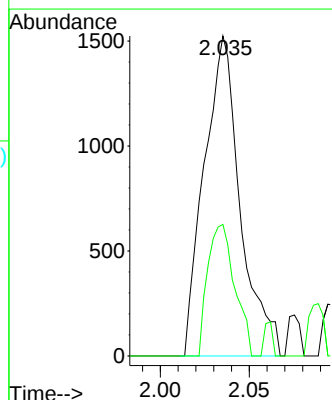
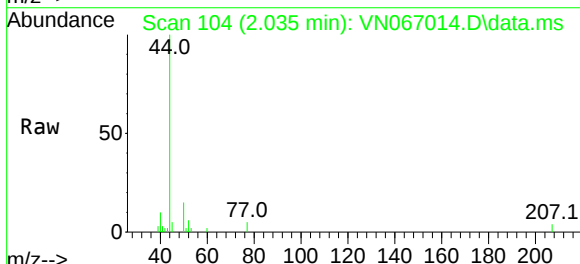
Instrument :
MSVOA_N
ClientSampled :

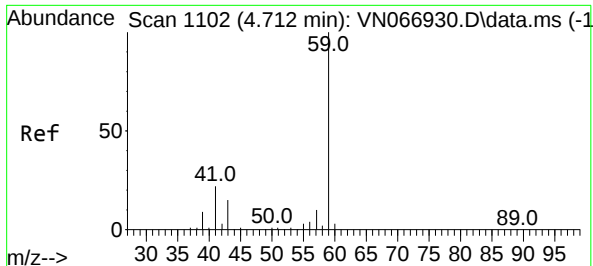
Tgt Ion:168 Resp: 438058
Ion Ratio Lower Upper
168 100
99 62.8 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

Tgt Ion: 50 Resp: 2149
Ion Ratio Lower Upper
50 100
52 41.1 25.8 38.8#



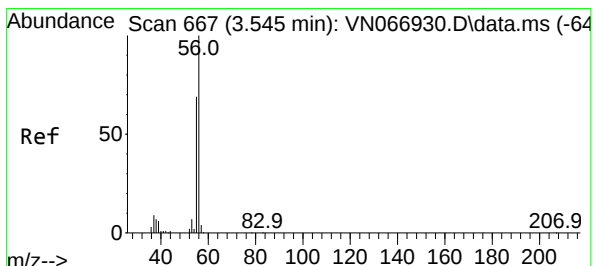
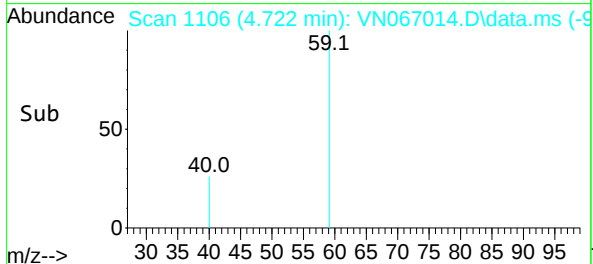
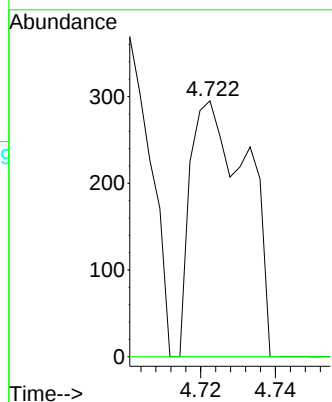
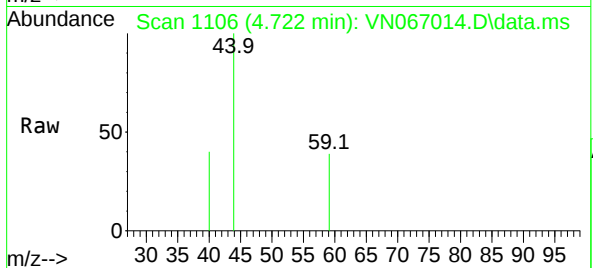


#11

Tert butyl alcohol
Concen: 0.32 ug/l
RT: 4.722 min Scan# 1106
Delta R.T. 0.010 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

Instrument :
MSVOA_N
ClientSampled :

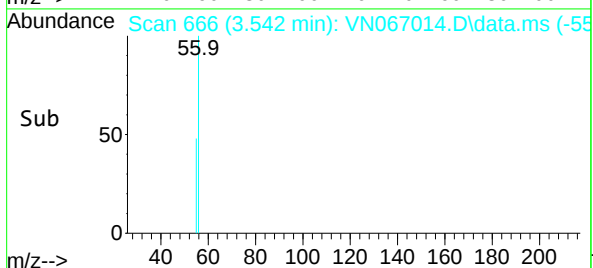
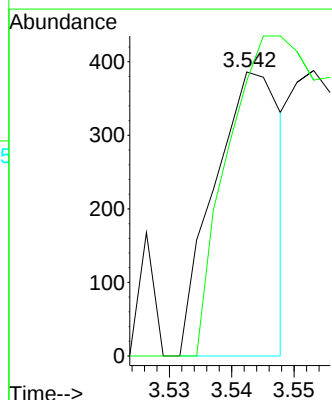
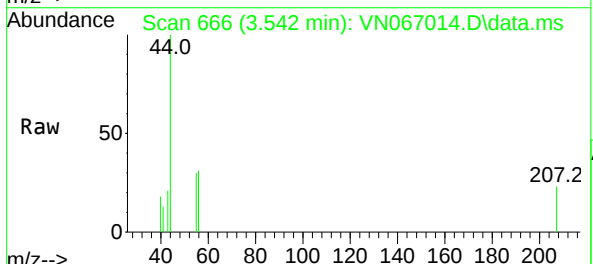
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

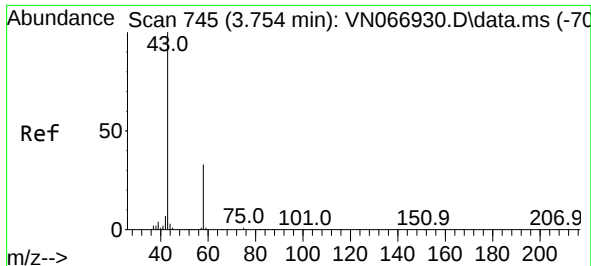


#13

Acrolein
Concen: 0.35 ug/l
RT: 3.542 min Scan# 666
Delta R.T. -0.003 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

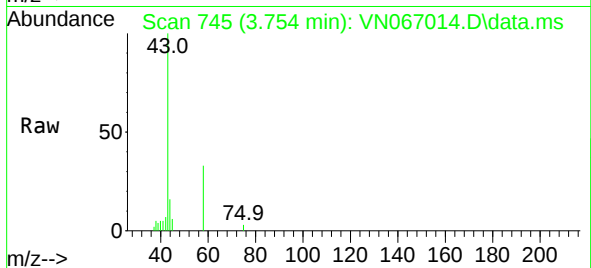
Tgt Ion: 56 Resp: 287
Ion Ratio Lower Upper
56 100
55 253.0 56.0 84.0#



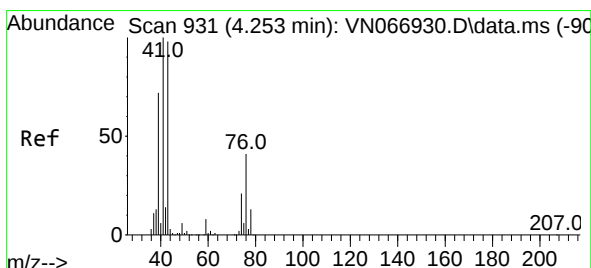
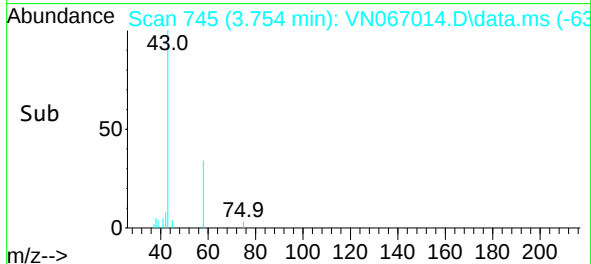
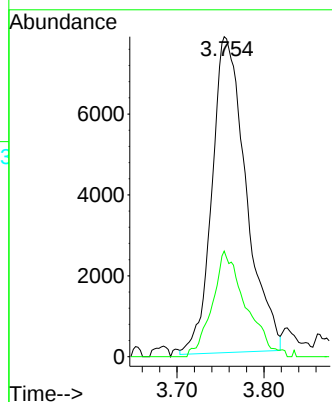


#16
Acetone
Concen: 8.77 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

Instrument :
MSVOA_N
ClientSampled :

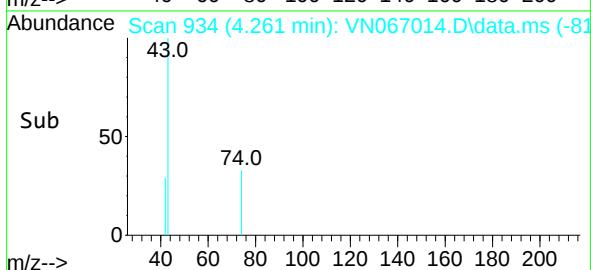
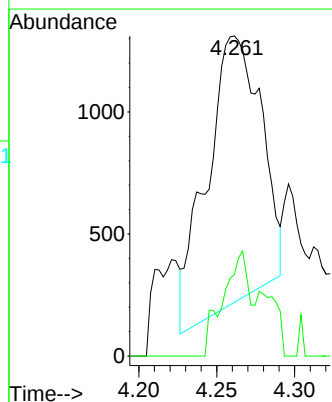
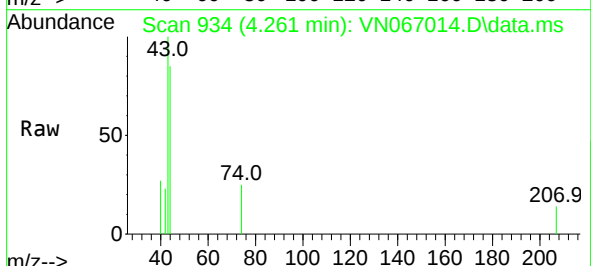


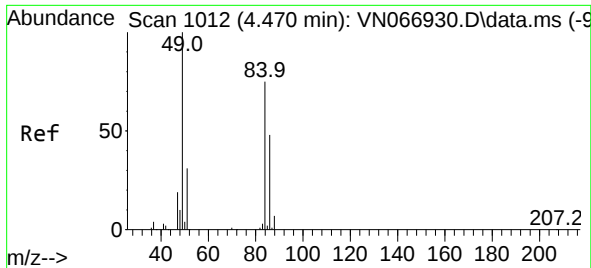
Tgt Ion: 43 Resp: 21274
Ion Ratio Lower Upper
43 100
58 33.6 27.0 40.6



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

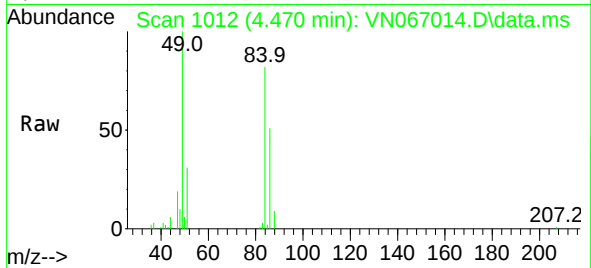
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
74 19.6 19.5 29.3



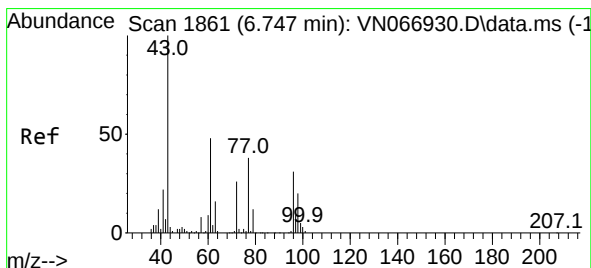
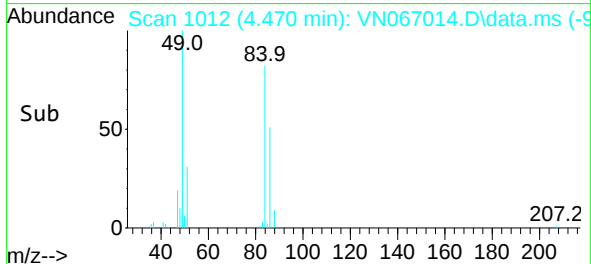
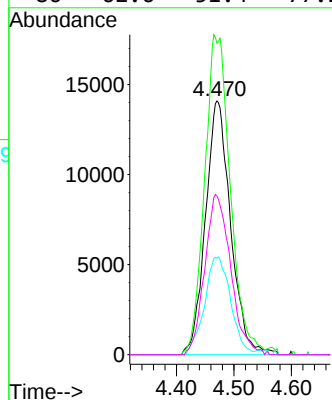


#20
Methylene Chloride
Concen: 6.97 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

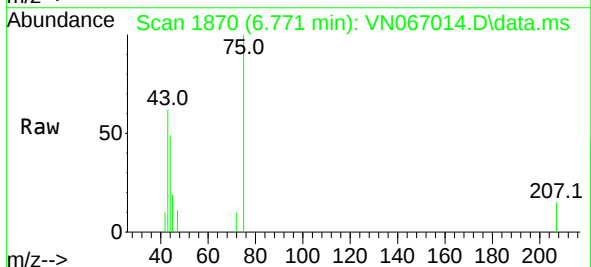
Instrument :
MSVOA_N
ClientSampleId :



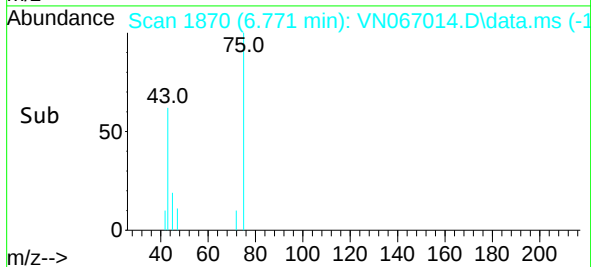
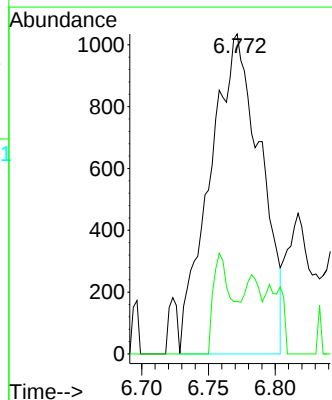
Tgt Ion:	84	Resp:	42902
Ion	Ratio	Lower	Upper
84	100		
49	122.7	94.6	141.8
51	38.0	29.9	44.9
86	62.6	51.4	77.2

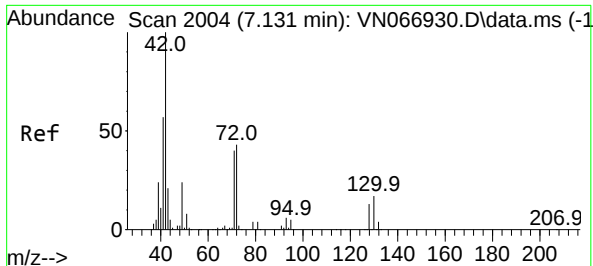


#25
2-Butanone
Concen: 0.76 ug/l
RT: 6.771 min Scan# 1870
Delta R.T. 0.024 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48



Tgt Ion:	43	Resp:	2734
Ion	Ratio	Lower	Upper
43	100		
72	16.4	23.1	34.7#





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.134 min Scan# 2005

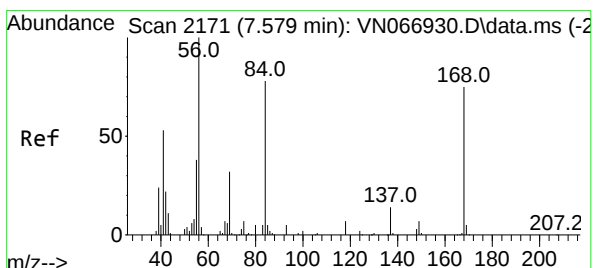
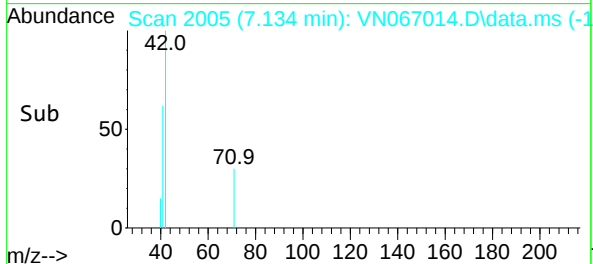
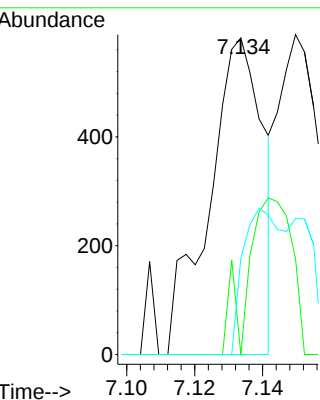
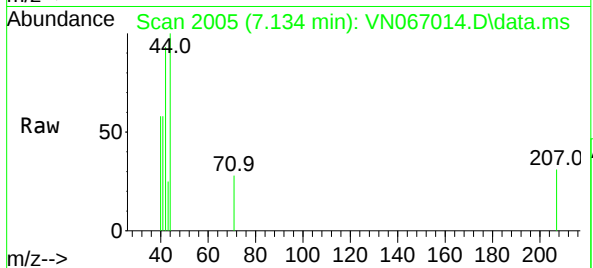
Delta R.T. 0.003 min

Lab File: VN067014.D

Acq: 6 May 2021 16:48

Tgt Ion:	42	Resp:	641
Ion	Ratio	Lower	Upper
42	100		
72	40.6	36.6	55.0
71	35.1	34.3	51.5

Instrument :
MSVOA_N
ClientSampled :



#31

Cyclohexane

Concen: 1.10 ug/l

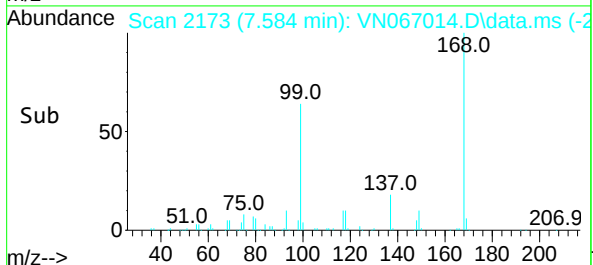
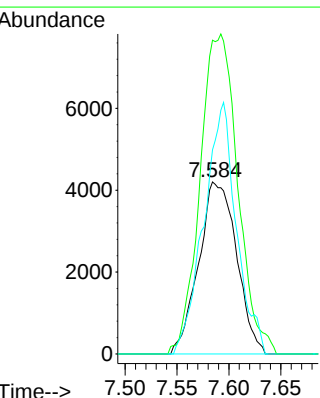
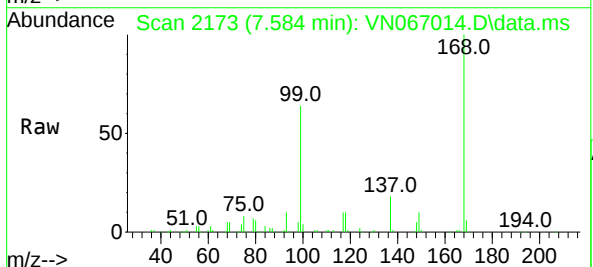
RT: 7.584 min Scan# 2173

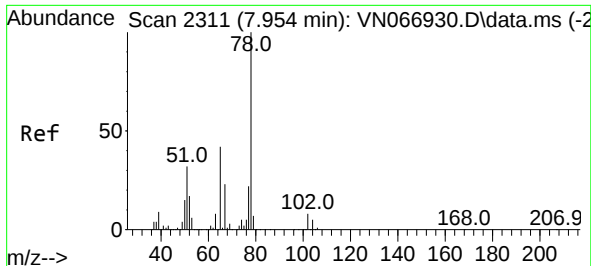
Delta R.T. 0.005 min

Lab File: VN067014.D

Acq: 6 May 2021 16:48

Tgt Ion:	56	Resp:	10653
Ion	Ratio	Lower	Upper
56	100		
69	182.5	26.6	39.8#
84	118.7	70.4	105.6#

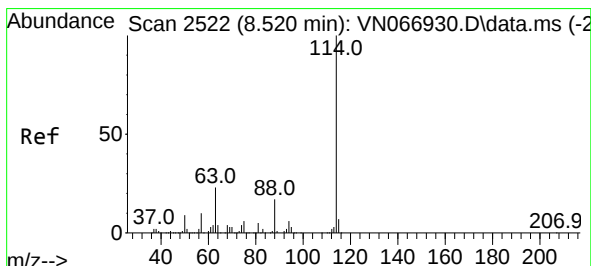
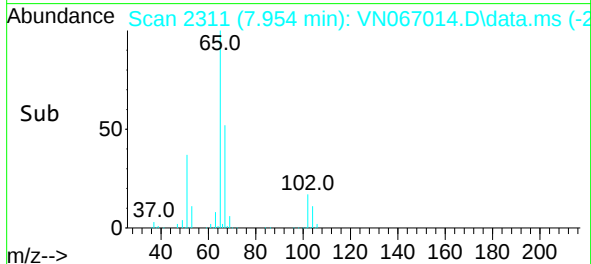
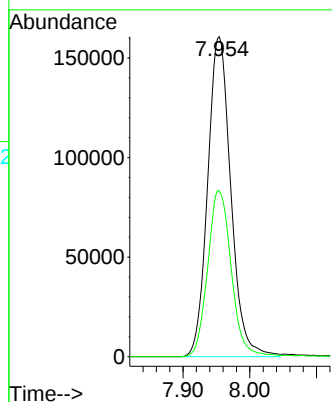
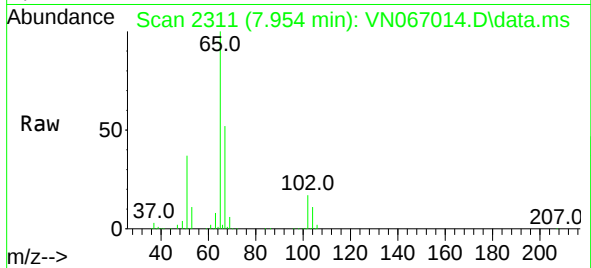




#33
1,2-Dichloroethane-d4
Concen: 56.26 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

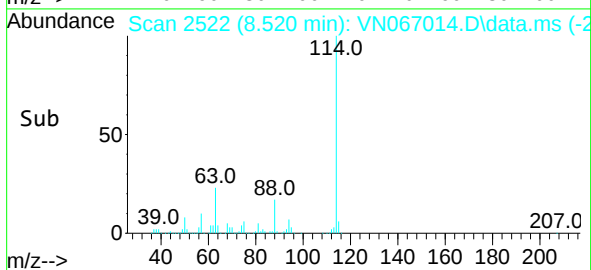
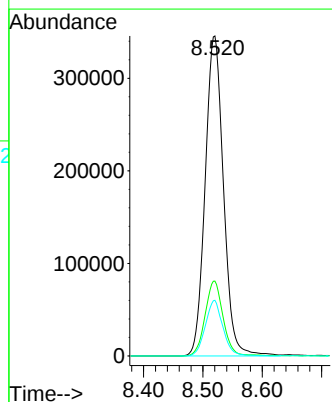
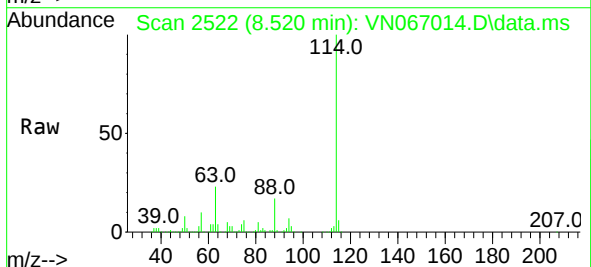
Instrument :
MSVOA_N
ClientSampleId :

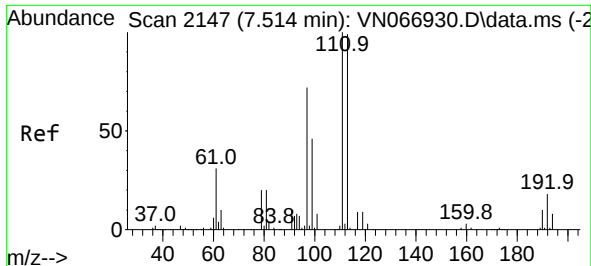
Tgt Ion: 65 Resp: 387951
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

Tgt Ion: 114 Resp: 740150
Ion Ratio Lower Upper
114 100
63 23.4 0.0 38.6
88 17.4 0.0 30.6

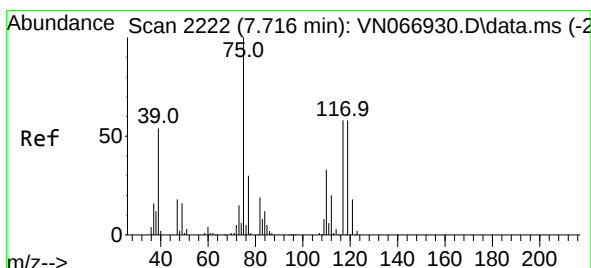
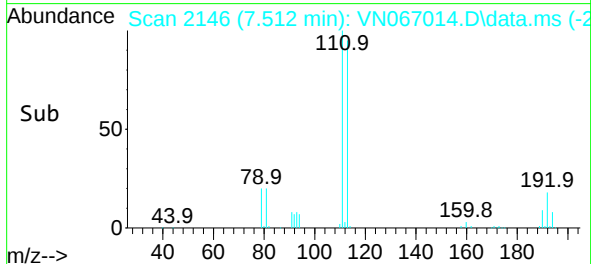
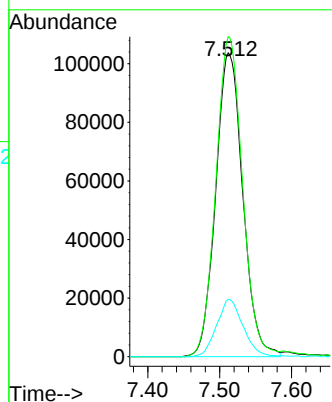
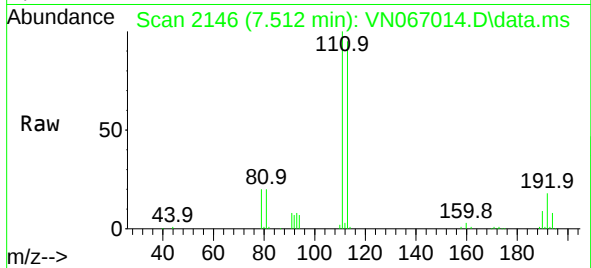




#35
Dibromofluoromethane
Concen: 53.95 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

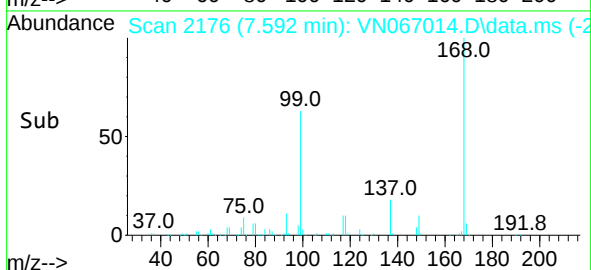
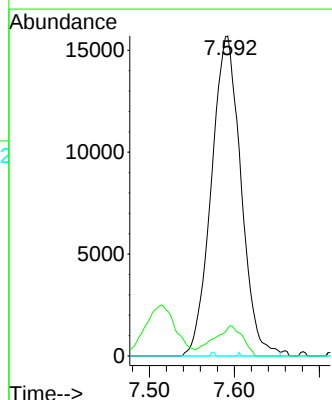
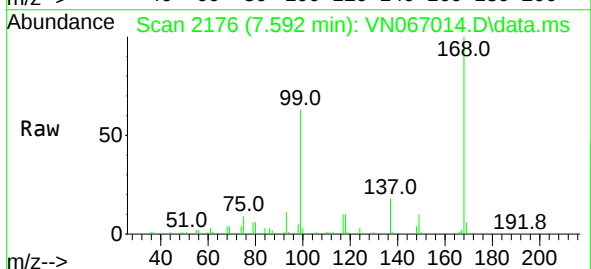
Instrument :
MSVOA_N
ClientSampleId :

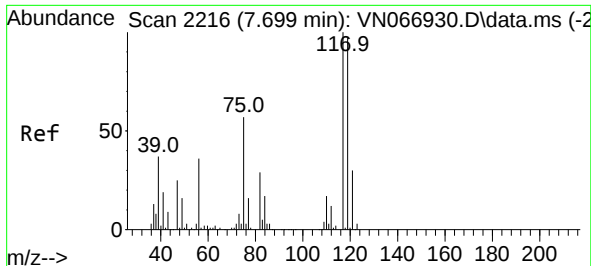
Tgt Ion:113 Resp: 271158
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.124 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

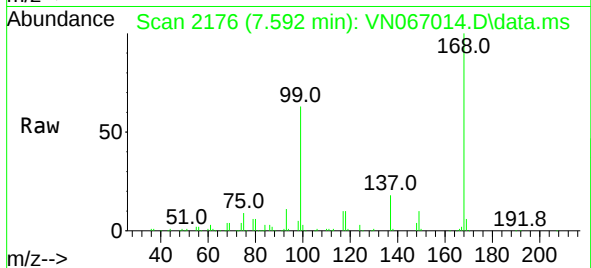
Tgt Ion: 75 Resp: 37915
Ion Ratio Lower Upper
75 100
110 9.3 18.2 54.6#
77 0.1 24.9 37.3#



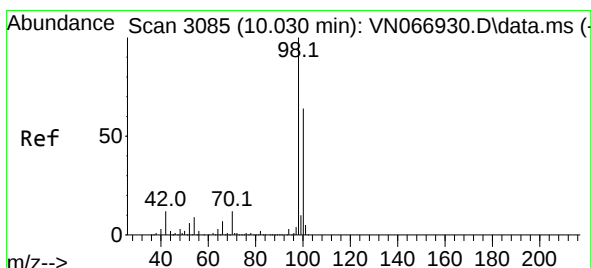
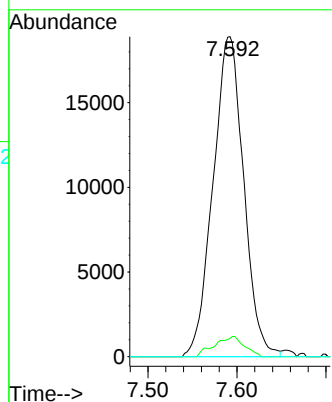
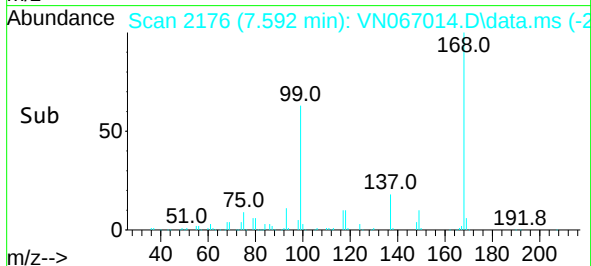


#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.107 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

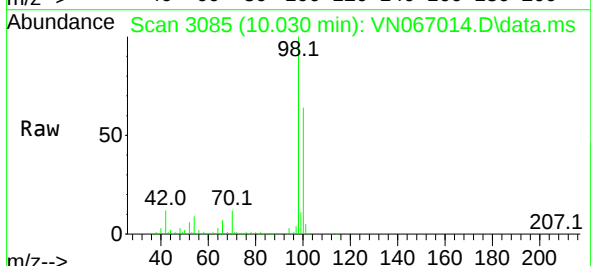
Instrument :
MSVOA_N
ClientSampleId :



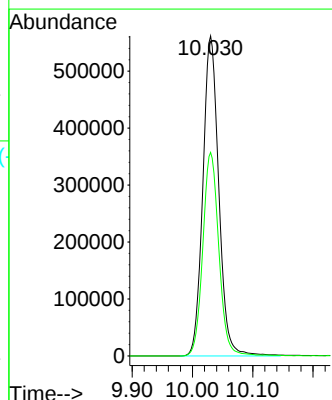
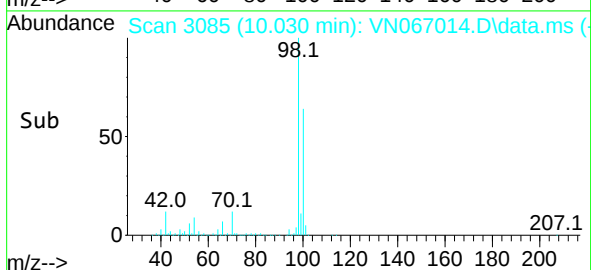
Tgt Ion:117 Resp: 45218
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

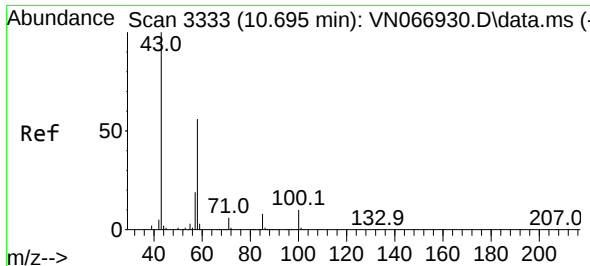


#50
Toluene-d8
Concen: 53.87 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48



Tgt Ion: 98 Resp: 1031010
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

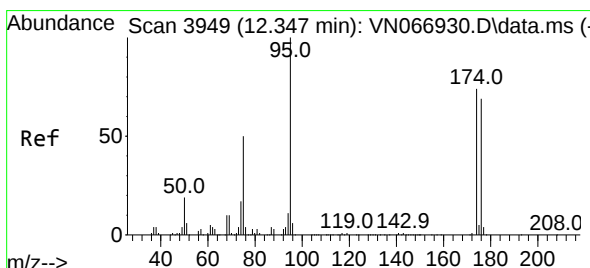
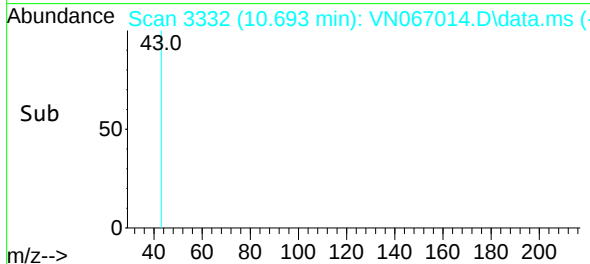
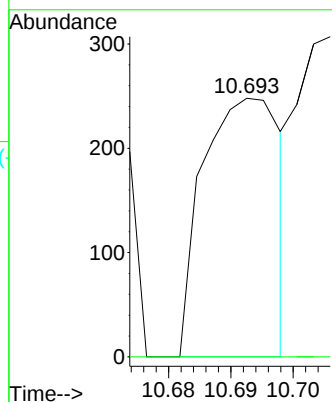
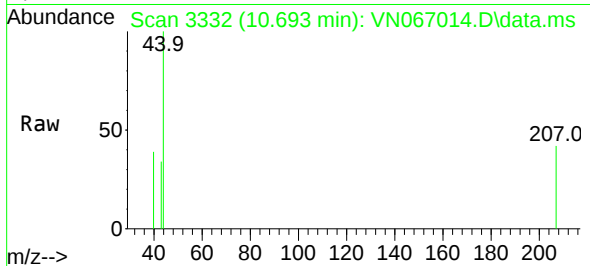




#59
2-Hexanone
Concen: 28.40 ug/l
RT: 10.693 min Scan# 3332
Delta R.T. -0.002 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

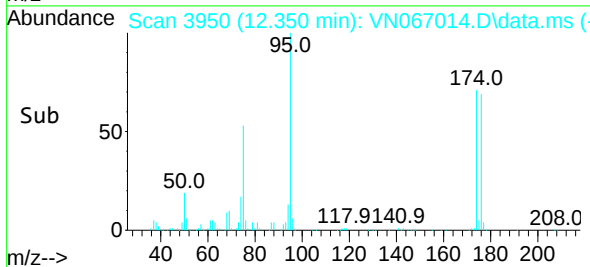
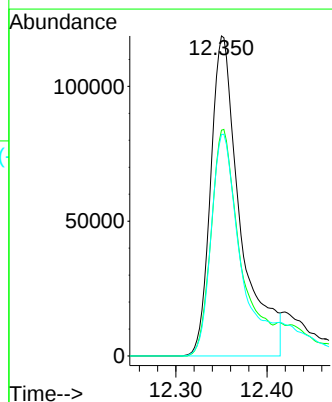
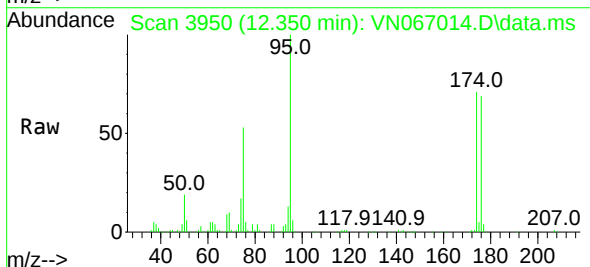
Instrument :
MSVOA_N
ClientSampled :

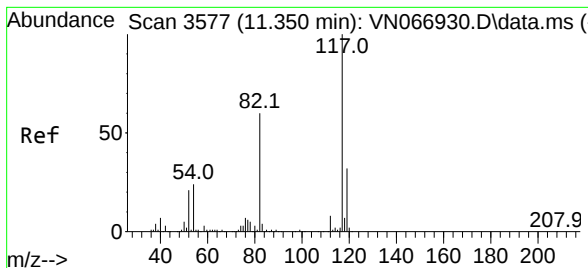
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 41.40 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

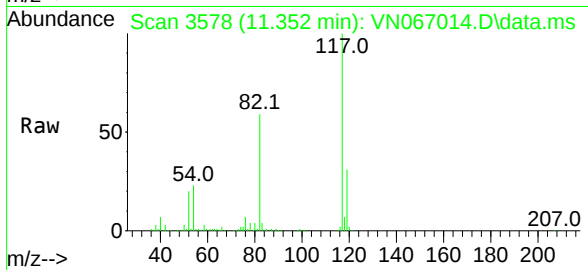
Tgt Ion: 95 Resp: 268311
Ion Ratio Lower Upper
95 100
174 69.6 0.0 169.0
176 67.7 0.0 162.4



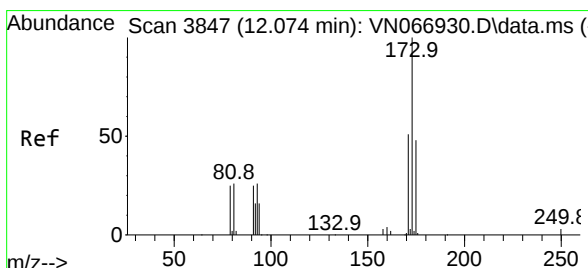
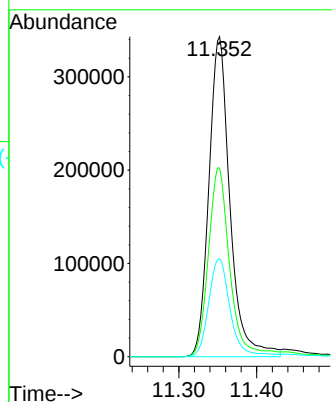
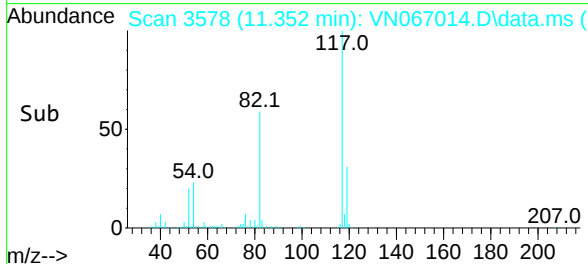


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

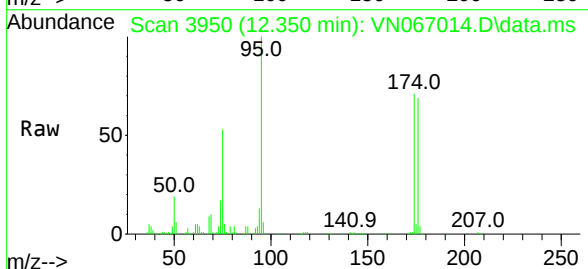
Instrument :
MSVOA_N
ClientSampleId :



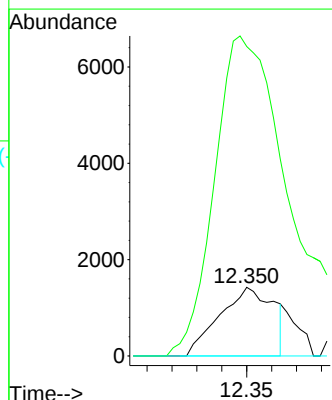
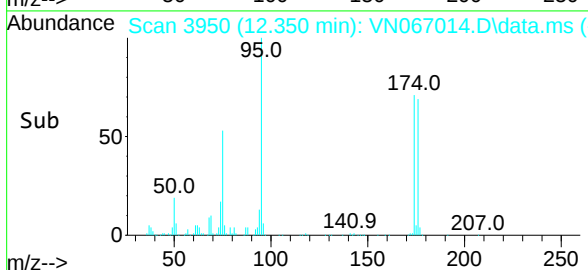
Tgt Ion:117 Resp: 643708
Ion Ratio Lower Upper
117 100
82 58.9 43.7 65.5
119 30.6 26.1 39.1

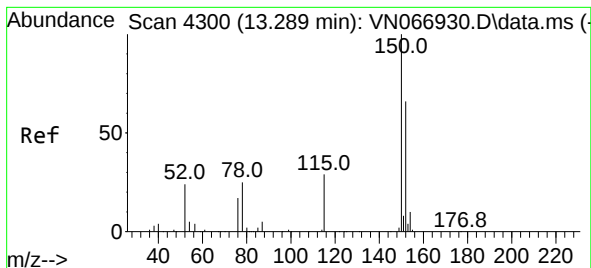


#71
Bromoform
Concen: 0.55 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.276 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48



Tgt Ion:173 Resp: 2138
Ion Ratio Lower Upper
173 100
175 499.3 23.8 71.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.294 min Scan# 4302

Delta R.T. 0.005 min

Lab File: VN067014.D

Acq: 6 May 2021 16:48

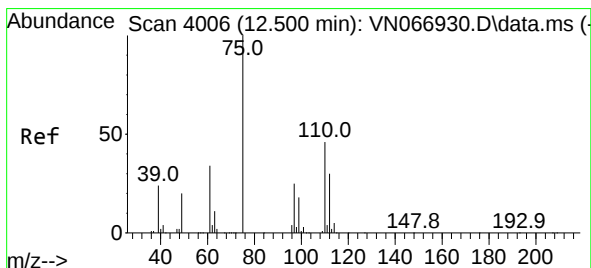
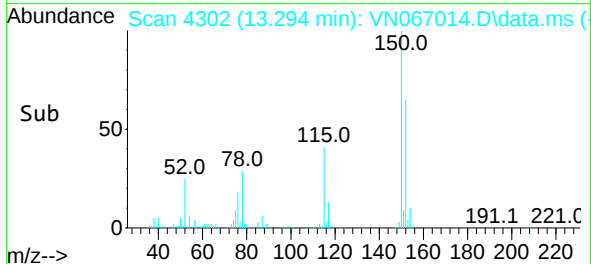
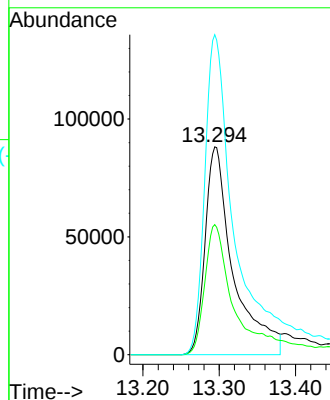
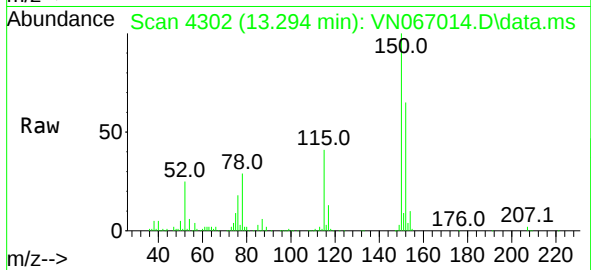
Tgt Ion:152 Resp: 226812

Ion Ratio Lower Upper

152 100

115 68.5 28.5 85.6

150 170.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 24.94 ug/l

RT: 12.350 min Scan# 3950

Delta R.T. -0.150 min

Lab File: VN067014.D

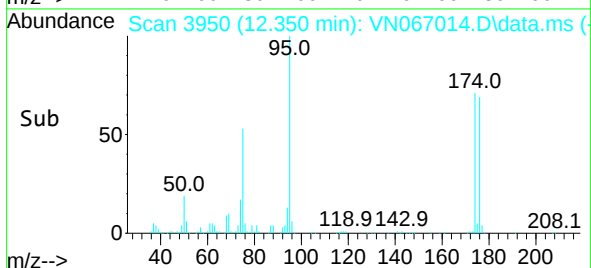
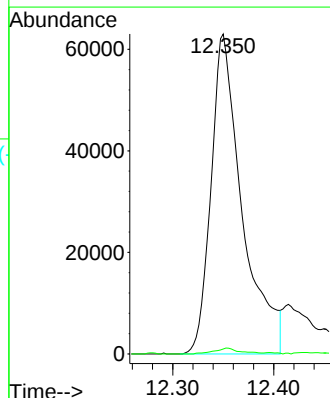
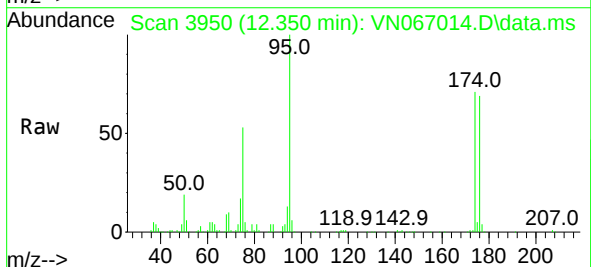
Acq: 6 May 2021 16:48

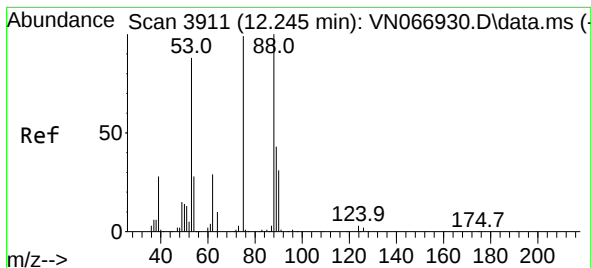
Tgt Ion: 75 Resp: 134776

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

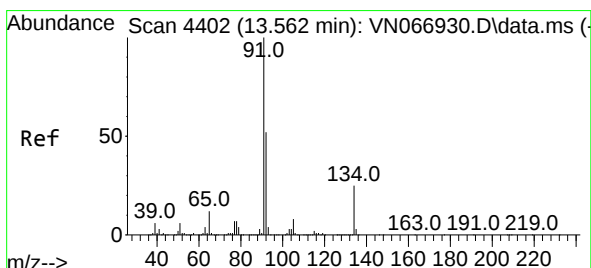
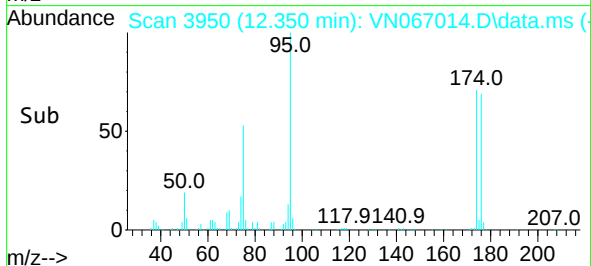
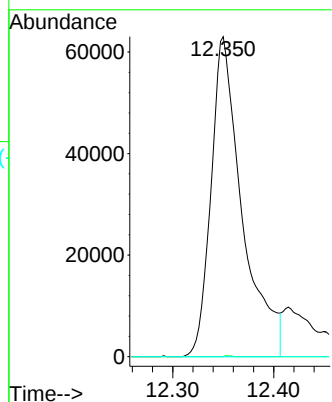
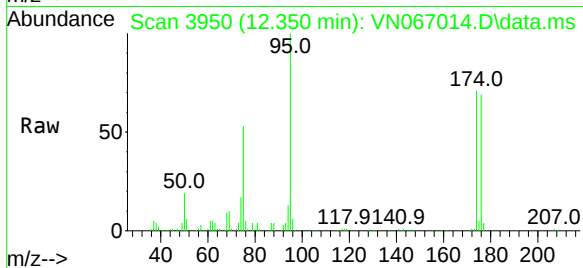




#81
trans-1,4-Dichloro-2-butene
Concen: 75.07 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 134776
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.25 ug/l
RT: 13.651 min Scan# 4435
Delta R.T. 0.089 min
Lab File: VN067014.D
Acq: 6 May 2021 16:48

Tgt Ion: 91 Resp: 89
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#

