

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067151.D
 Acq On : 19 May 2021 15:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 20 01:55:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

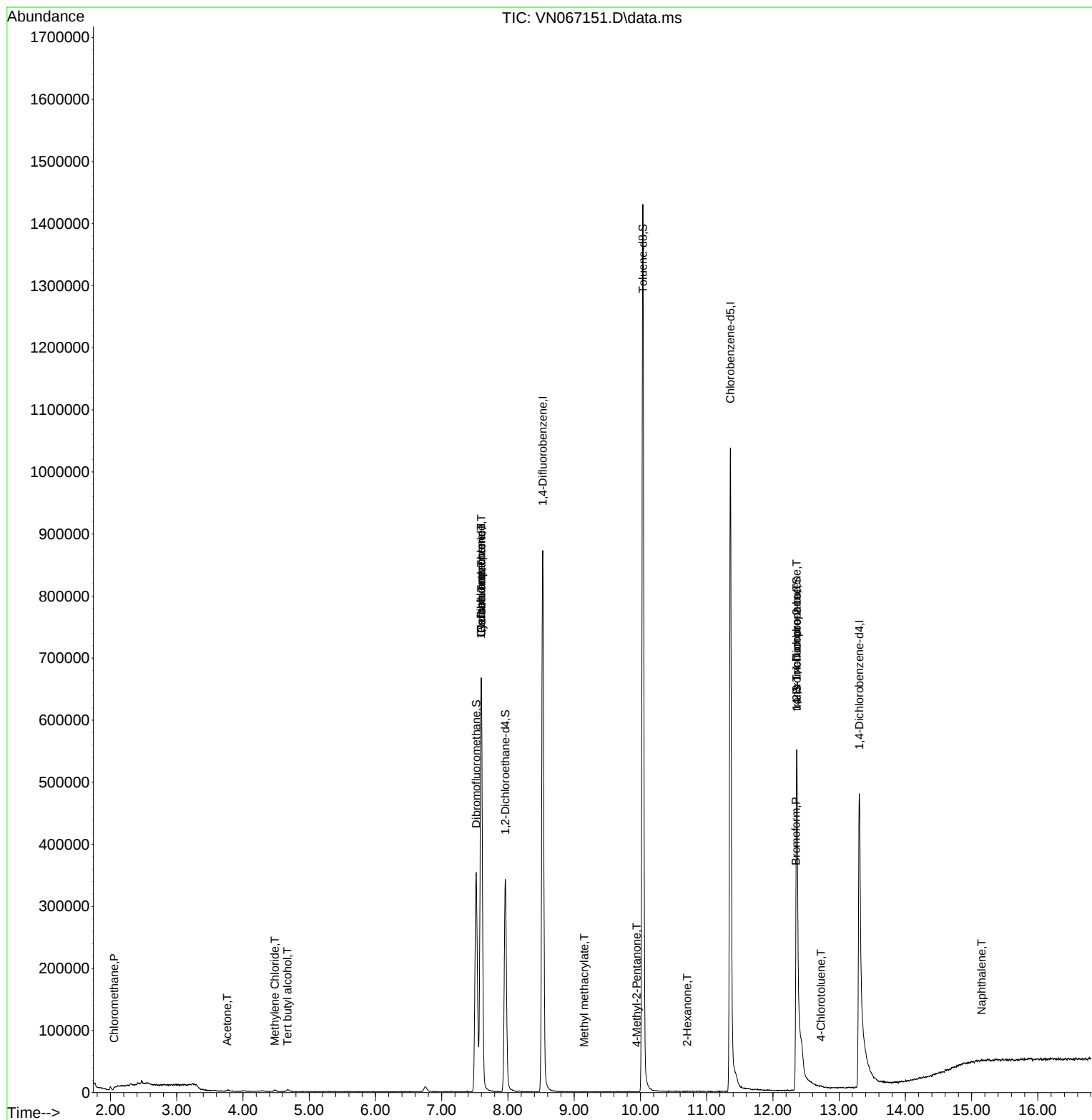
Internal Standards						
1) Pentafluorobenzene	7.597	168	652683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	894787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	768950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	258785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	302556	42.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.82%
35) Dibromofluoromethane	7.522	113	282358	48.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.12%
50) Toluene-d8	10.038	98	1103748	49.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.14%
62) 4-Bromofluorobenzene	12.360	95	308401	41.35	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.70%
Target Compounds						
					Qvalue	
3) Chloromethane	2.056	50	1915	0.27	ug/l	95
11) Tert butyl alcohol	4.671	59	1079	0.92	ug/l #	94
13) Acrolein	3.558	56	595	Below Cal	#	79
16) Acetone	3.762	43	582	0.27	ug/l #	79
20) Methylene Chloride	4.481	84	2021	0.36	ug/l #	74
31) Cyclohexane	7.600	56	8538	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	35936	4.40	ug/l #	48
38) Carbon Tetrachloride	7.597	117	51857	5.97	ug/l #	14
48) Methyl methacrylate	9.153	41	122	1.96	ug/l #	9
51) 4-Methyl-2-Pentanone	9.944	43	273	5.44	ug/l #	33
59) 2-Hexanone	10.708	43	93	21.94	ug/l #	21
71) Bromoform	12.347	173	217	1.80	ug/l #	1
76) 1,2,3-Trichloropropane	12.358	75	119838	21.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.358	75	119838	65.96	ug/l #	15
82) 4-Chlorotoluene	12.725	91	59	1.19	ug/l #	39
95) Naphthalene	15.152	128	231	3.27	ug/l #	69

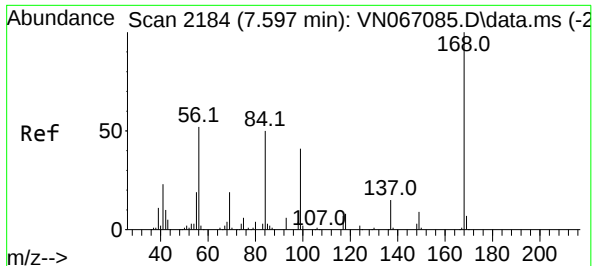
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
Data File : VN067151.D
Acq On : 19 May 2021 15:07
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 20 01:55:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

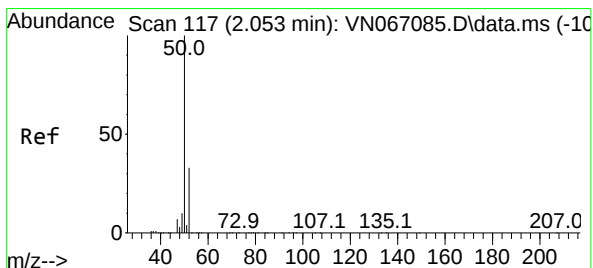
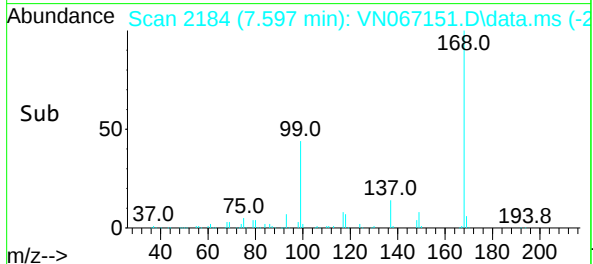
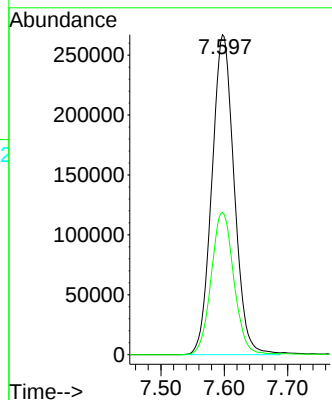
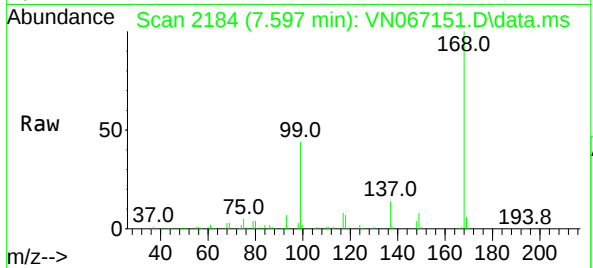




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

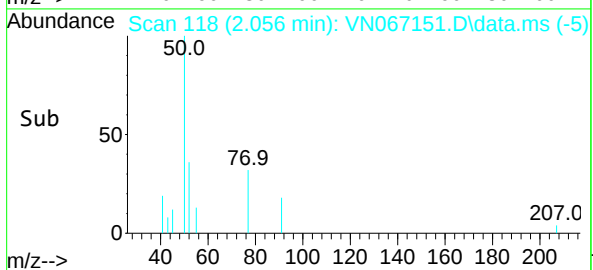
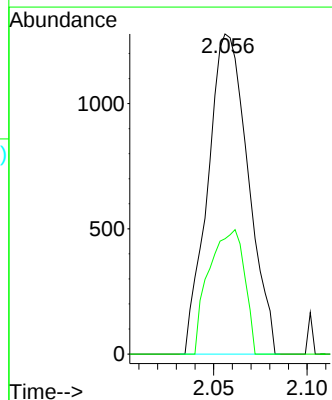
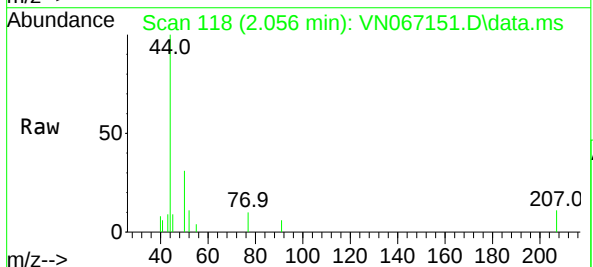
Instrument :
MSVOA_N
ClientSampled :

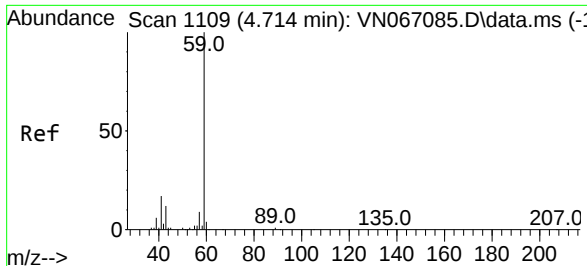
Tgt Ion:168 Resp: 652683
Ion Ratio Lower Upper
168 100
99 44.4 38.5 57.7



#3
Chloromethane
Concen: 0.27 ug/l
RT: 2.056 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 50 Resp: 1915
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7



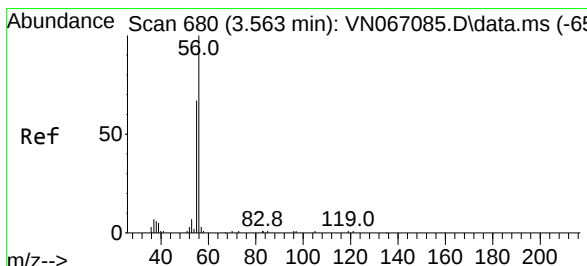
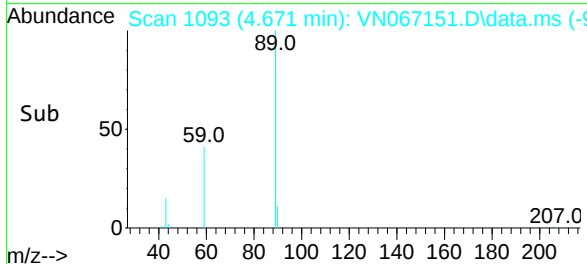
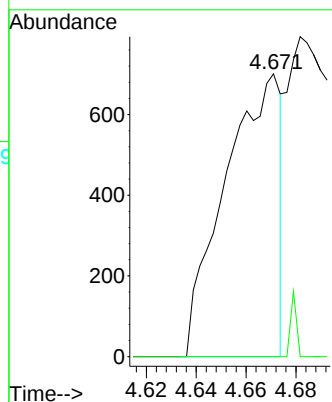
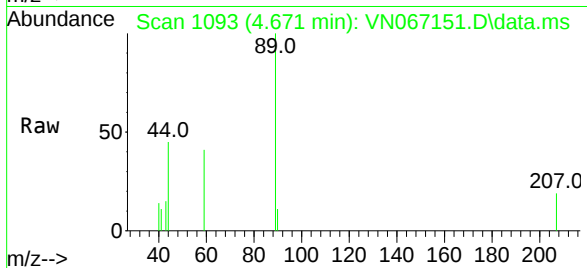


#11

Tert butyl alcohol
Concen: 0.92 ug/l
RT: 4.671 min Scan# 1093
Delta R.T. -0.043 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Instrument :
MSVOA_N
ClientSampled :

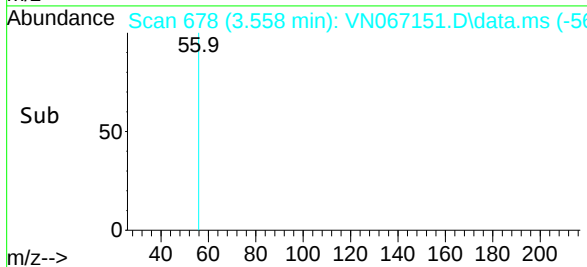
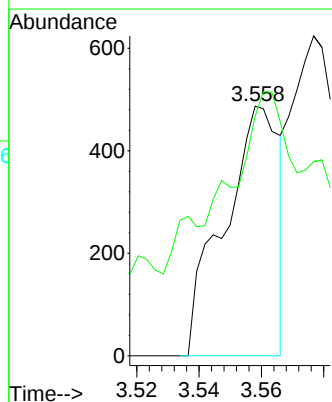
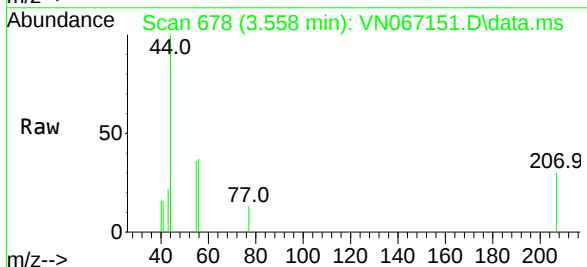
Tgt Ion: 59 Resp: 1079
Ion Ratio Lower Upper
59 100
57 2.4 3.5 5.3#

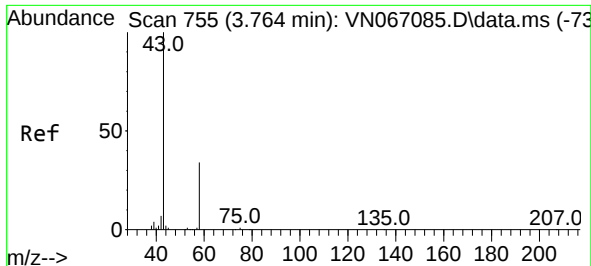


#13

Acrolein
Concen: Below Cal
RT: 3.558 min Scan# 678
Delta R.T. -0.005 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 56 Resp: 595
Ion Ratio Lower Upper
56 100
55 50.4 53.8 80.6#

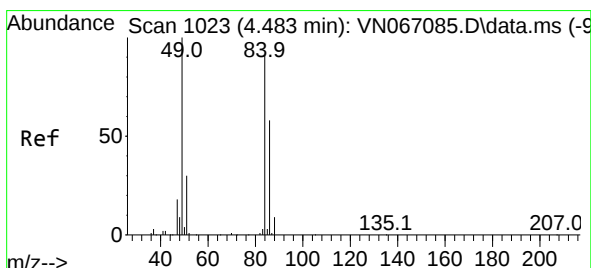
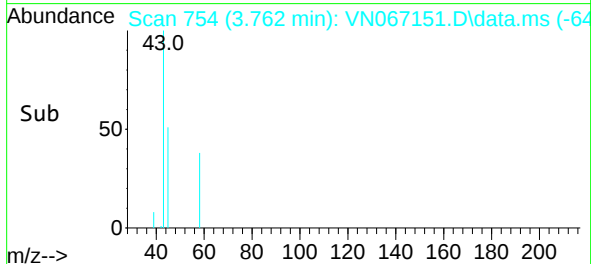
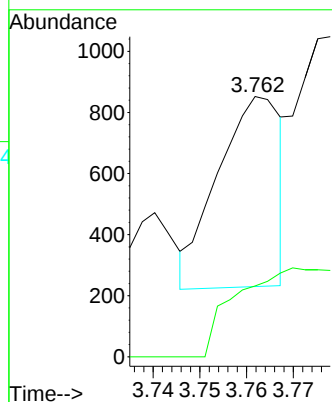
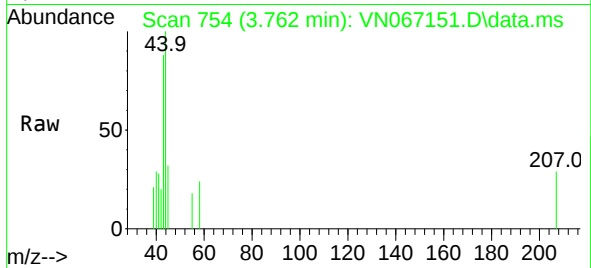




#16
Acetone
Concen: 0.27 ug/l
RT: 3.762 min Scan# 754
Delta R.T. -0.002 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

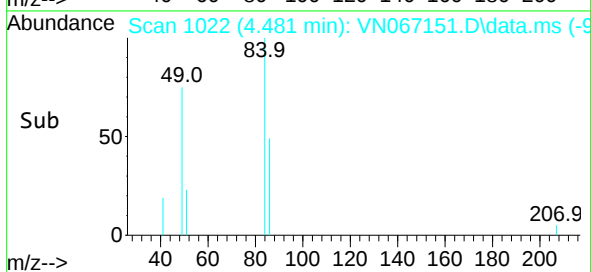
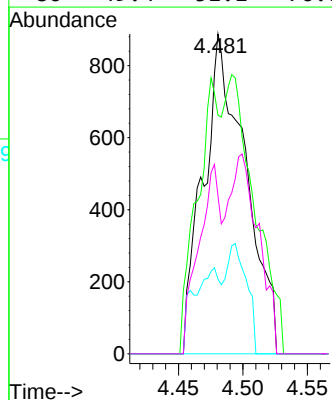
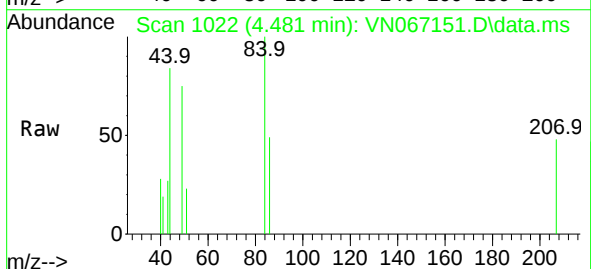
Instrument :
MSVOA_N
ClientSampleId :

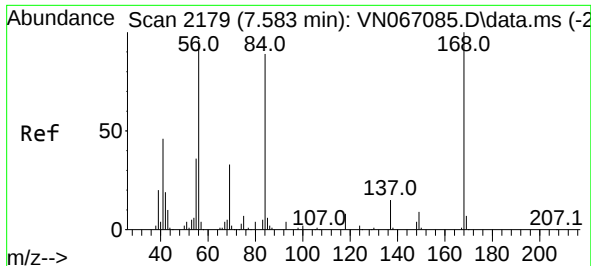
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
58 45.8 27.2 40.8#



#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 4.481 min Scan# 1022
Delta R.T. -0.002 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

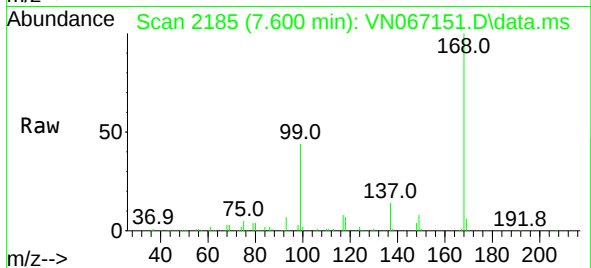
Tgt Ion: 84 Resp: 2021
Ion Ratio Lower Upper
84 100
49 74.7 88.3 132.5#
51 23.3 26.7 40.1#
86 49.4 51.1 76.7#



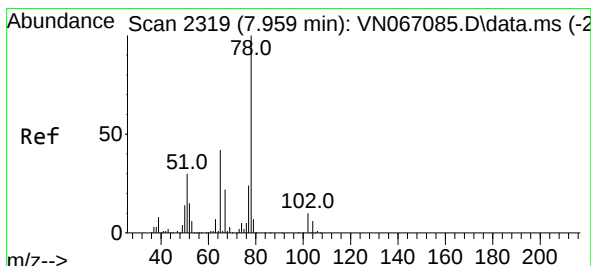
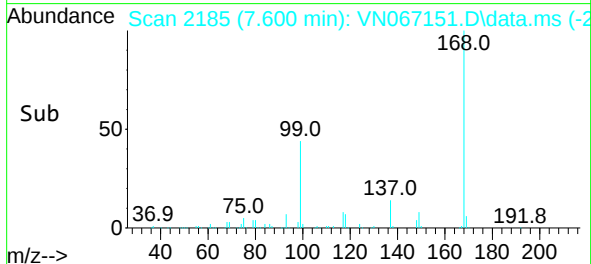
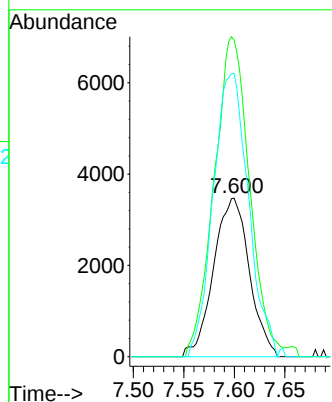


#31
Cyclohexane
Concen: 0.88 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.017 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Instrument :
MSVOA_N
ClientSampled :

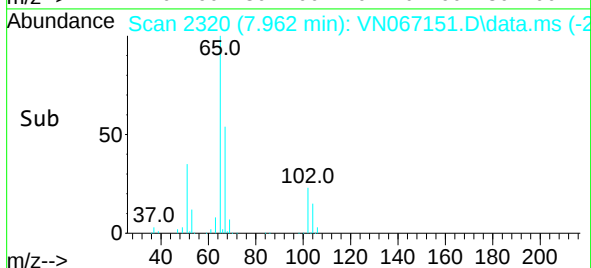
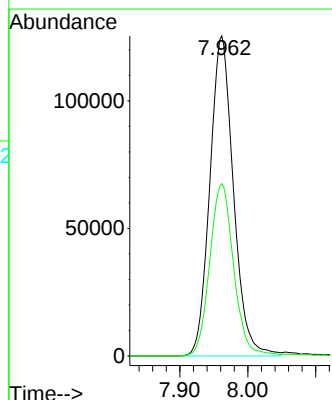
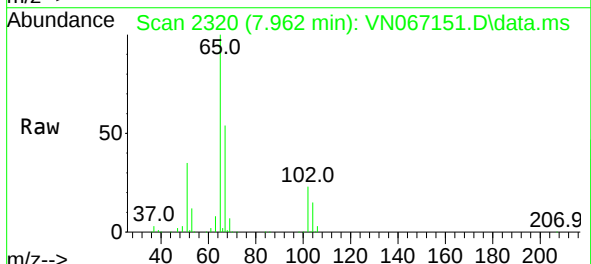


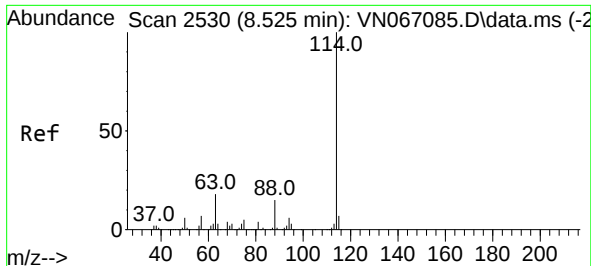
Tgt Ion: 56 Resp: 8538
Ion Ratio Lower Upper
56 100
69 199.7 28.0 42.0#
84 178.6 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 42.91 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 65 Resp: 302556
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4

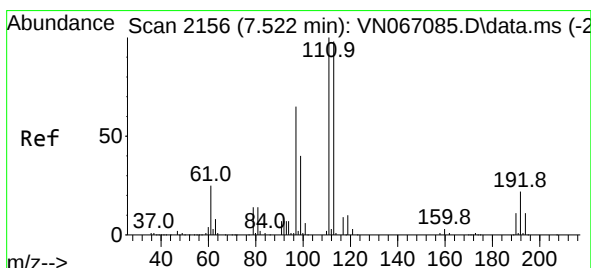
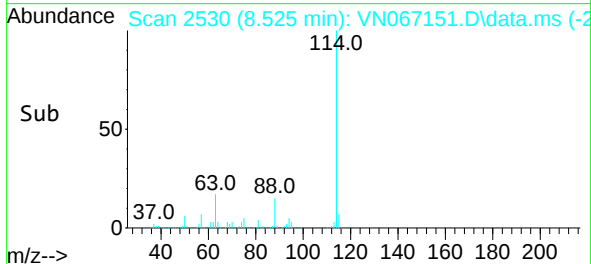
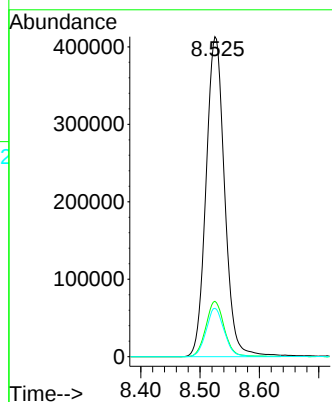
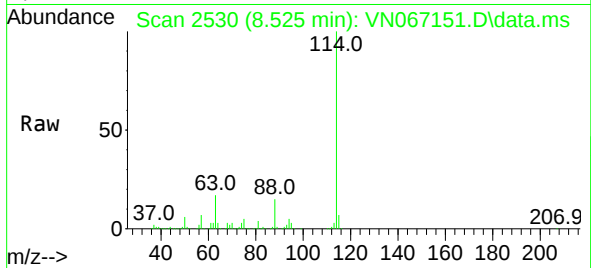




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

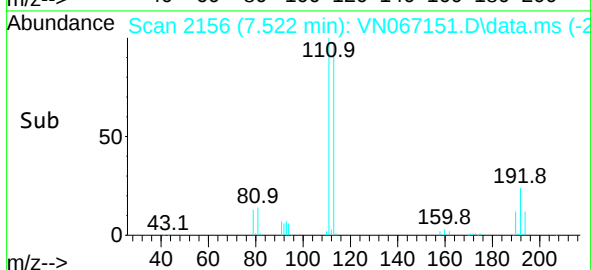
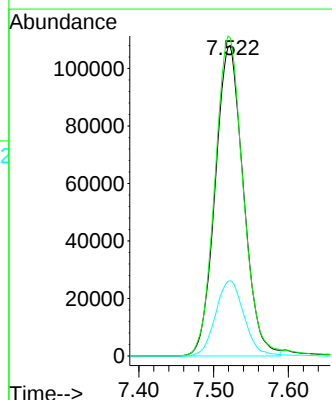
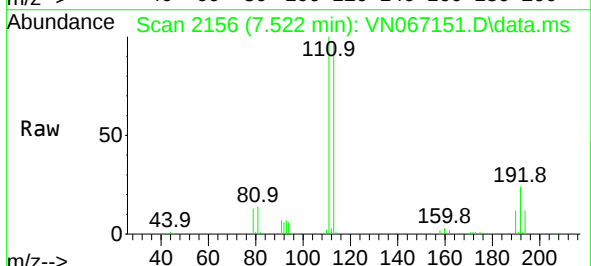
Instrument :
MSVOA_N
ClientSampleId :

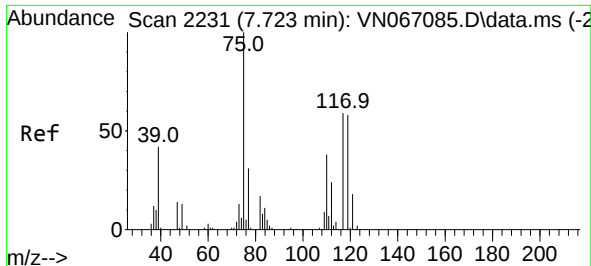
Tgt Ion:114 Resp: 894787
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.8
88 15.1 0.0 30.4



#35
Dibromofluoromethane
Concen: 48.06 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion:113 Resp: 282358
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 24.6 18.2 27.4

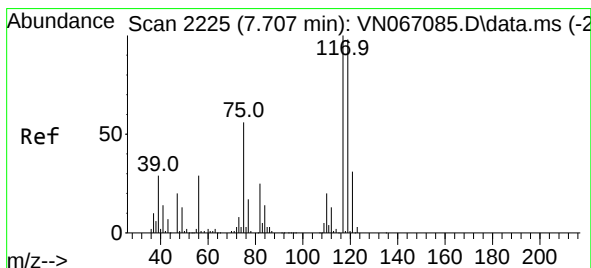
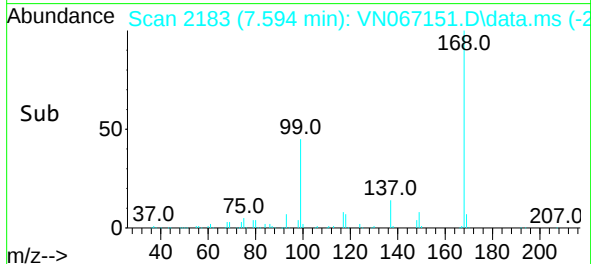
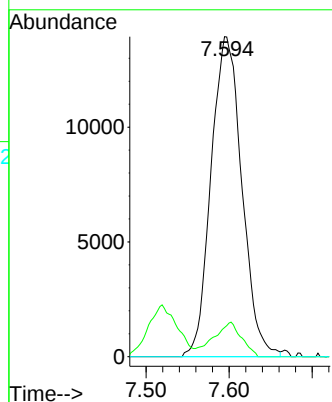
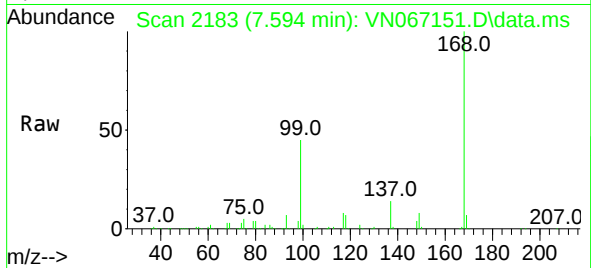




#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. -0.129 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

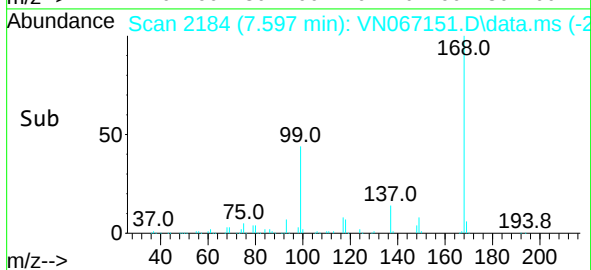
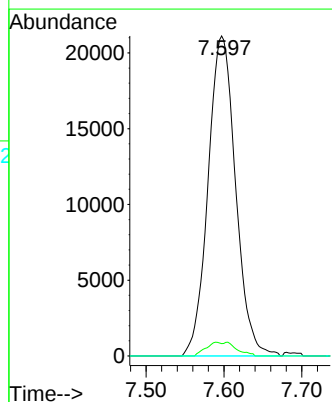
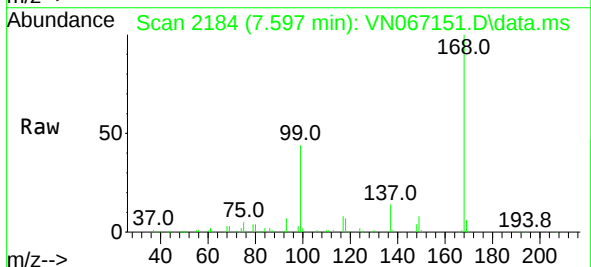
Instrument :
MSVOA_N
ClientSampled :

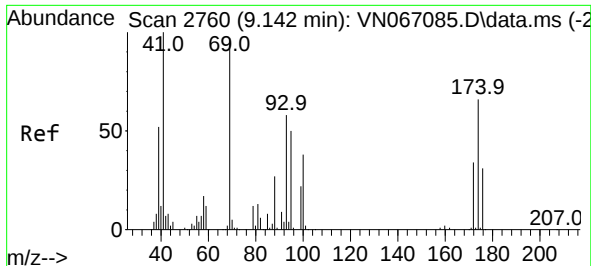
Tgt Ion: 75 Resp: 35936
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.110 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 117 Resp: 51857
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.7 37.1#

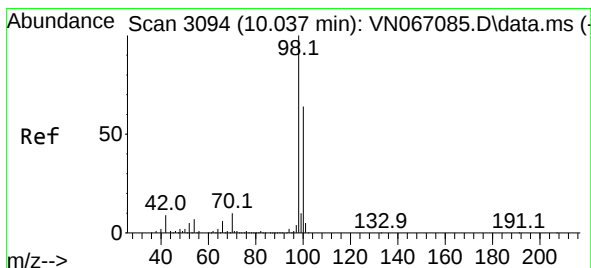
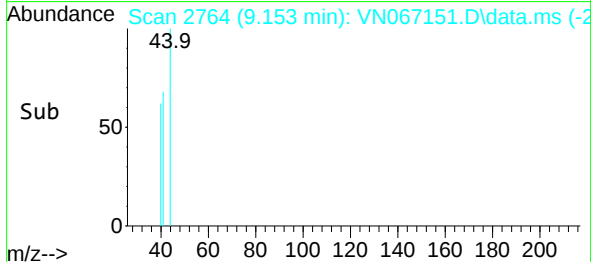
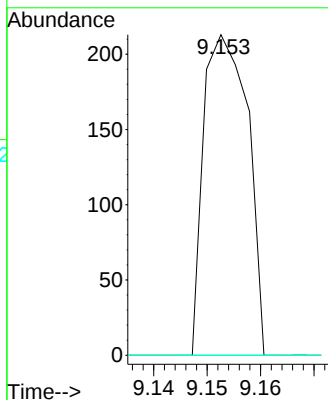
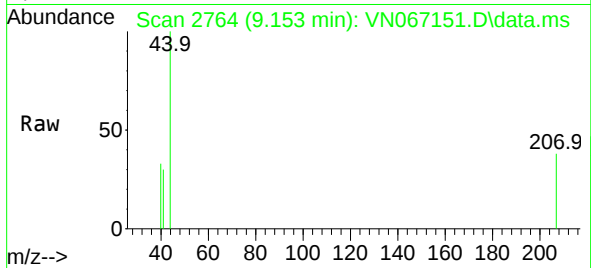




#48
Methyl methacrylate
Concen: 1.96 ug/l
RT: 9.153 min Scan# 2764
Delta R.T. 0.011 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

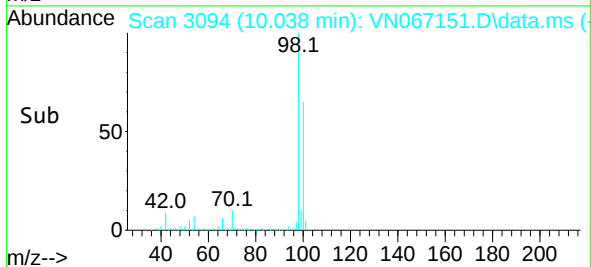
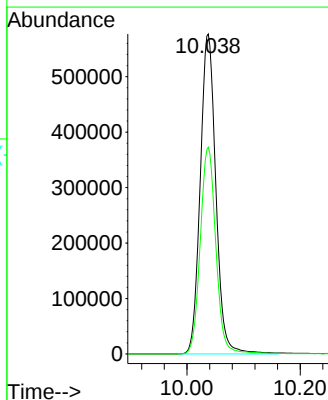
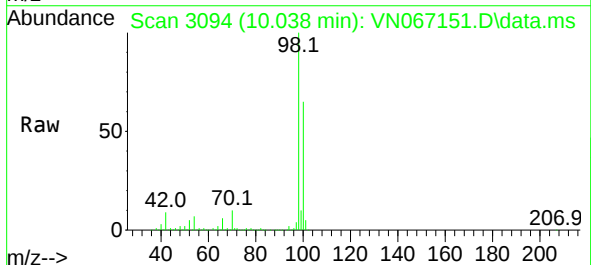
Instrument :
MSVOA_N
ClientSampled :

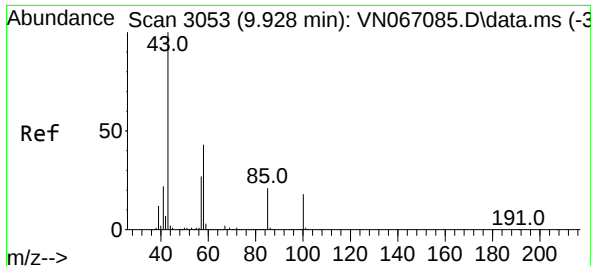
Tgt Ion: 41 Resp: 122
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 49.57 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 98 Resp: 1103748
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

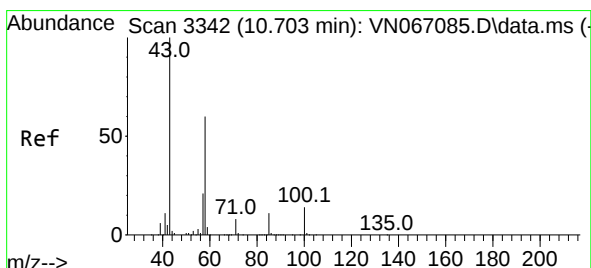
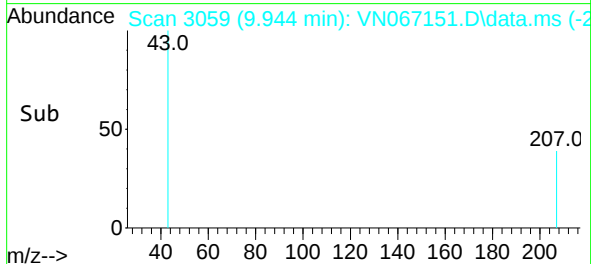
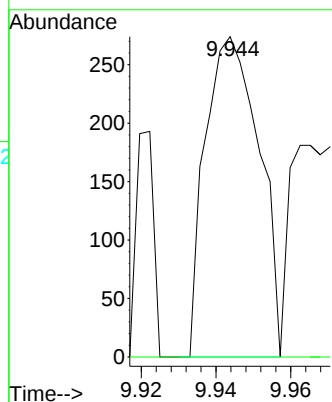
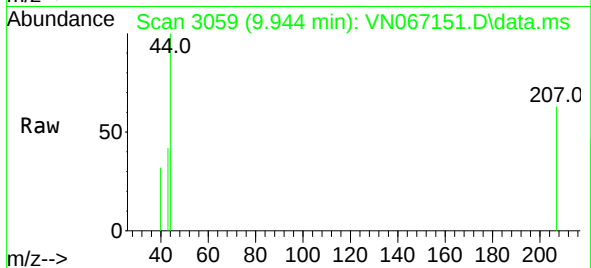




#51
4-Methyl-2-Pentanone
Concen: 5.44 ug/l
RT: 9.944 min Scan# 3059
Delta R.T. 0.016 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

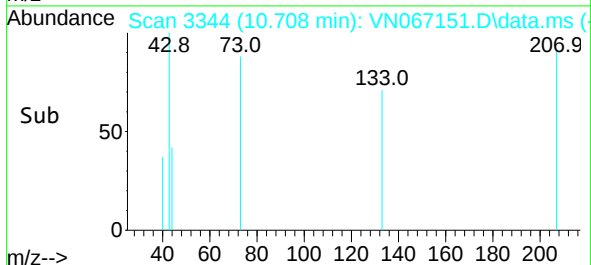
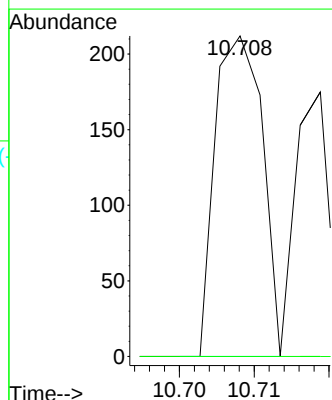
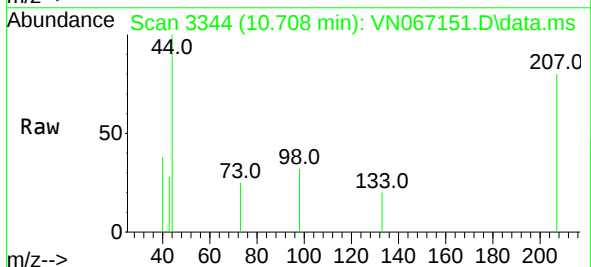
Instrument :
MSVOA_N
ClientSampled :

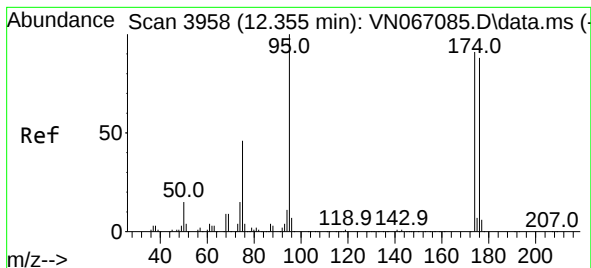
Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#



#59
2-Hexanone
Concen: 21.94 ug/l
RT: 10.708 min Scan# 3344
Delta R.T. 0.005 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

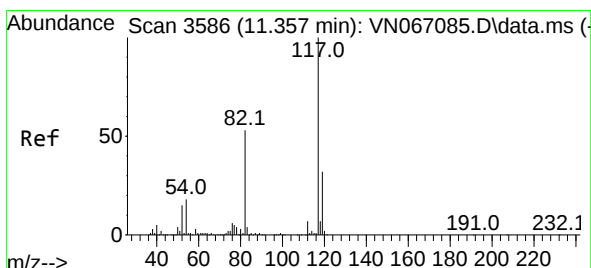
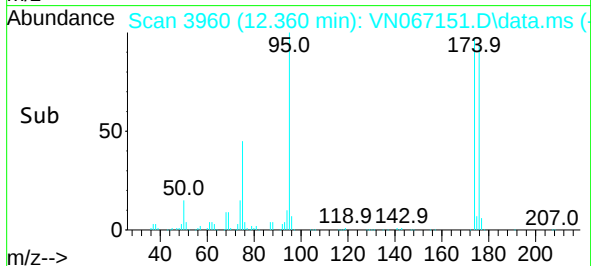
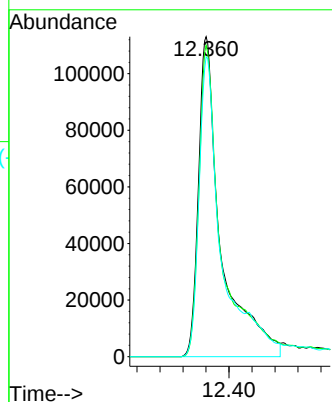
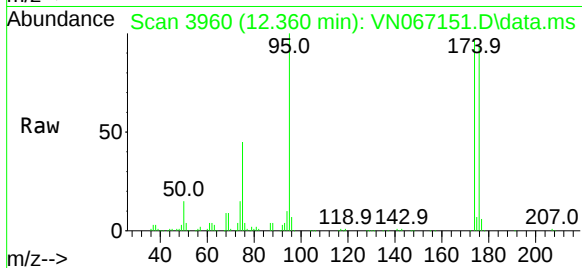




#62
4-Bromofluorobenzene
Concen: 41.35 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

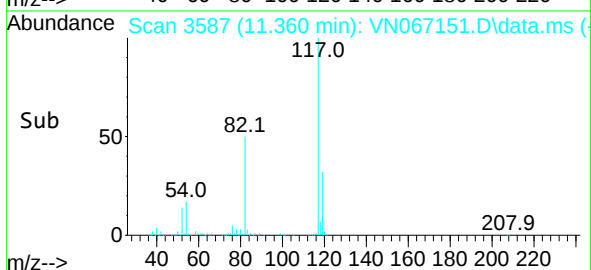
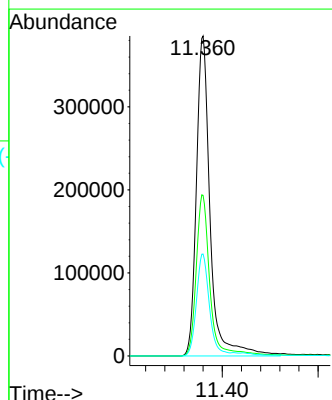
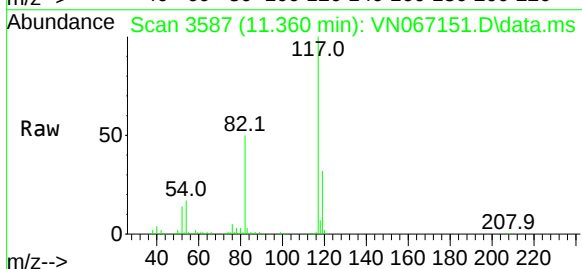
Instrument :
MSVOA_N
ClientSampleId :

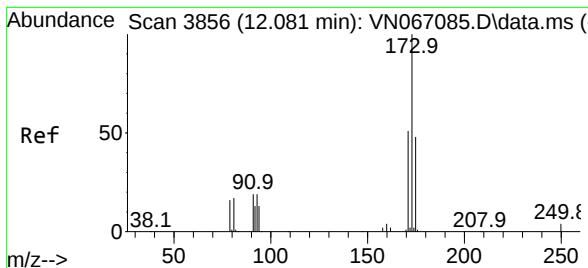
Tgt Ion: 95 Resp: 308401
Ion Ratio Lower Upper
95 100
174 99.1 0.0 182.8
176 82.1 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 117 Resp: 768950
Ion Ratio Lower Upper
117 100
82 50.2 42.2 63.2
119 31.8 25.8 38.6





#71

Bromoform

Concen: 1.80 ug/l

RT: 12.347 min Scan# 3955

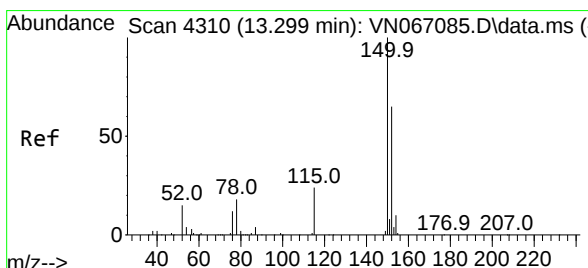
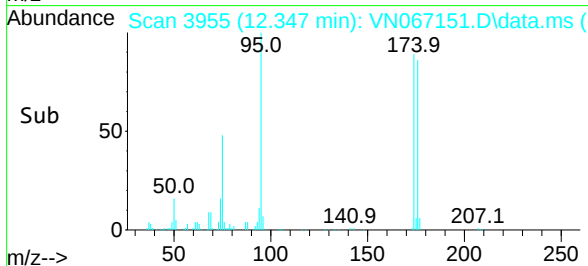
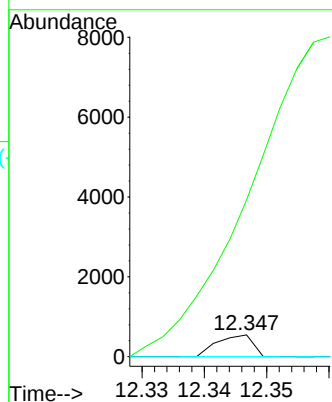
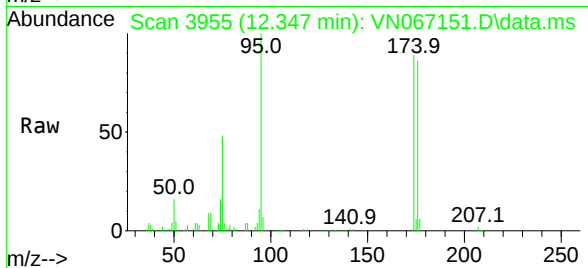
Delta R.T. 0.266 min

Lab File: VN067151.D

Acq: 19 May 2021 15:07

Tgt Ion:173	Resp:	217
Ion Ratio	Lower	Upper
173	100	
175	5491.7	24.3 73.0#
254	0.0	0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

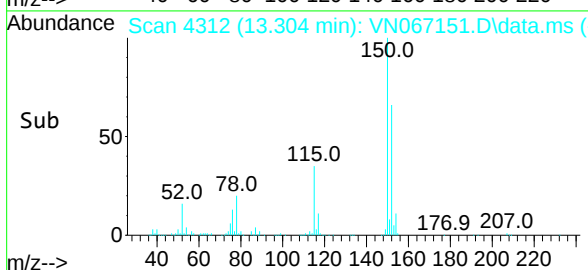
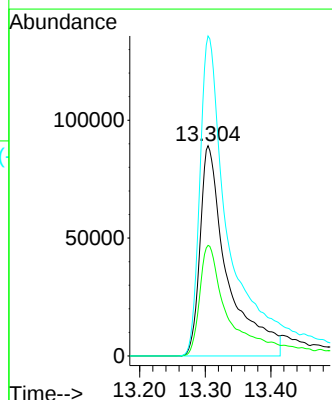
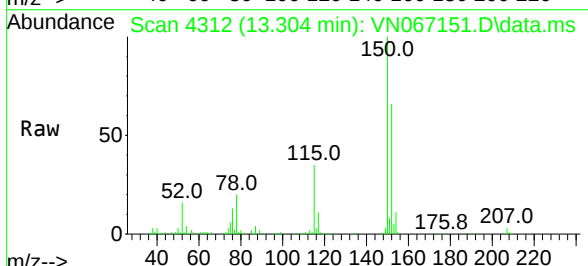
RT: 13.304 min Scan# 4312

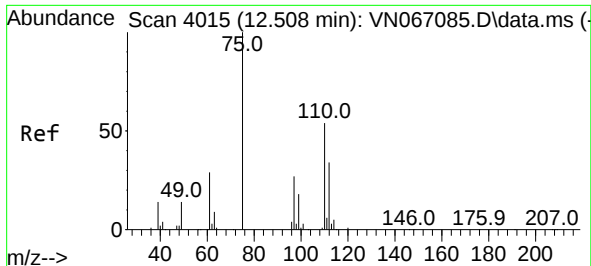
Delta R.T. 0.005 min

Lab File: VN067151.D

Acq: 19 May 2021 15:07

Tgt Ion:152	Resp:	258785
Ion Ratio	Lower	Upper
152	100	
115	56.6	27.0 80.8
150	163.8	0.0 350.2

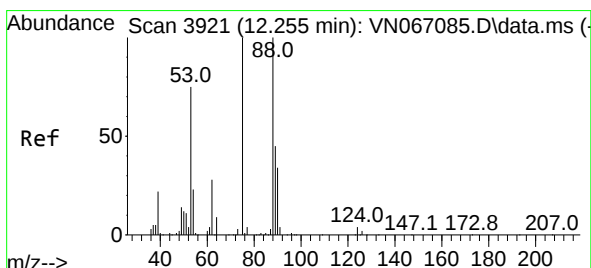
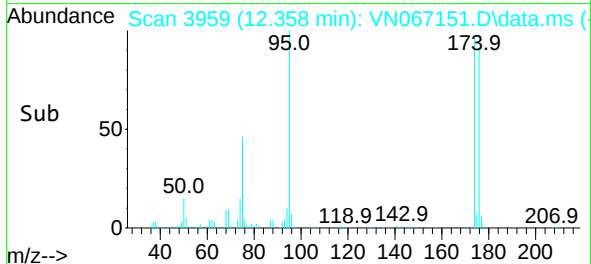
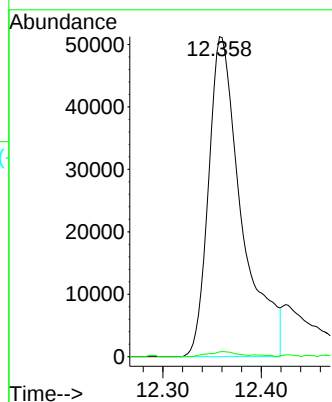
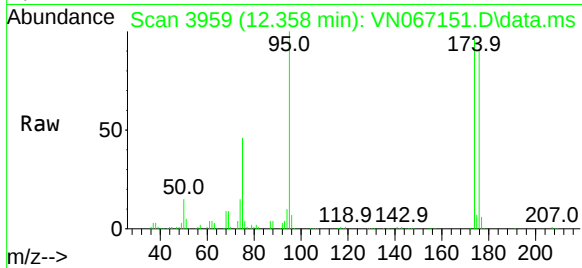




#76
1,2,3-Trichloropropane
Concen: 21.94 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. -0.150 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

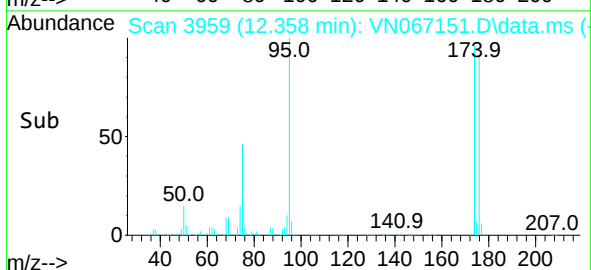
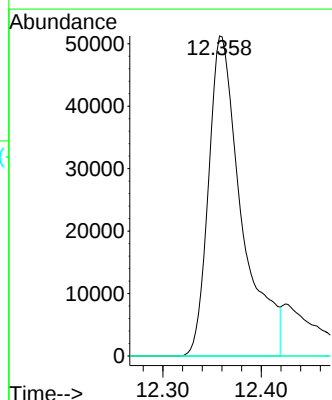
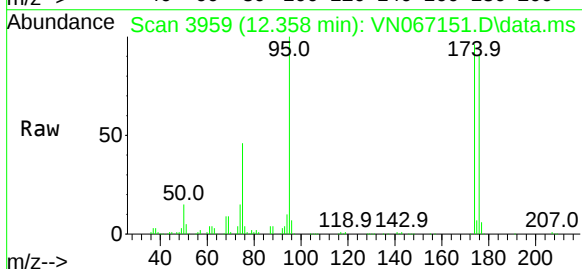
Instrument :
MSVOA_N
ClientSampled :

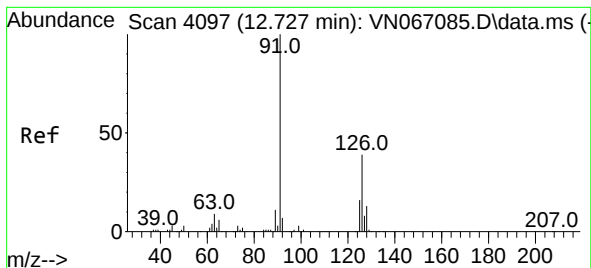
Tgt Ion: 75 Resp: 119838
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.96 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.103 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 75 Resp: 119838
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

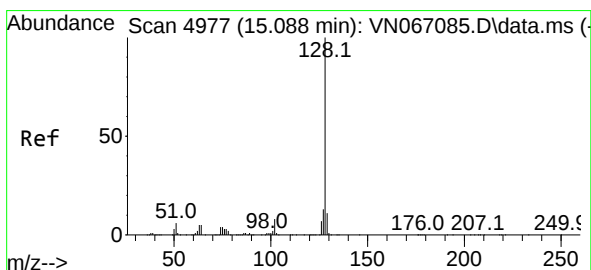
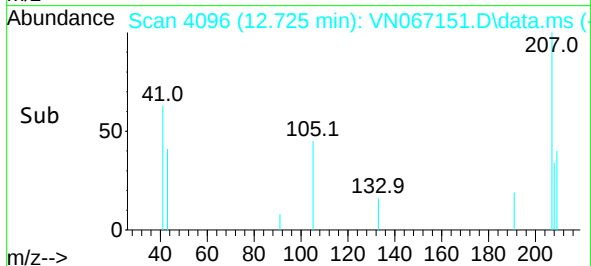
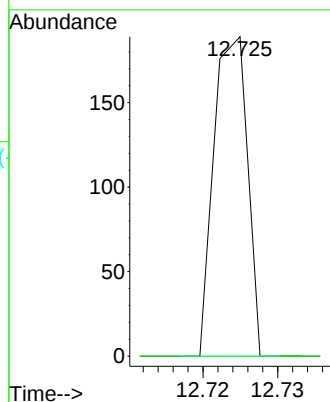
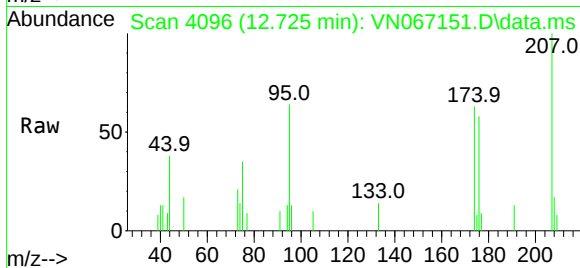




#82
4-Chlorotoluene
Concen: 1.19 ug/l
RT: 12.725 min Scan# 4096
Delta R.T. -0.002 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 59
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#95
Naphthalene
Concen: 3.27 ug/l
RT: 15.152 min Scan# 5001
Delta R.T. 0.064 min
Lab File: VN067151.D
Acq: 19 May 2021 15:07

Tgt Ion: 128 Resp: 231
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

