

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067149.D
 Acq On : 19 May 2021 14:20
 Operator : JC/MD
 Sample : M2392-22
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 20 01:55:19 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)

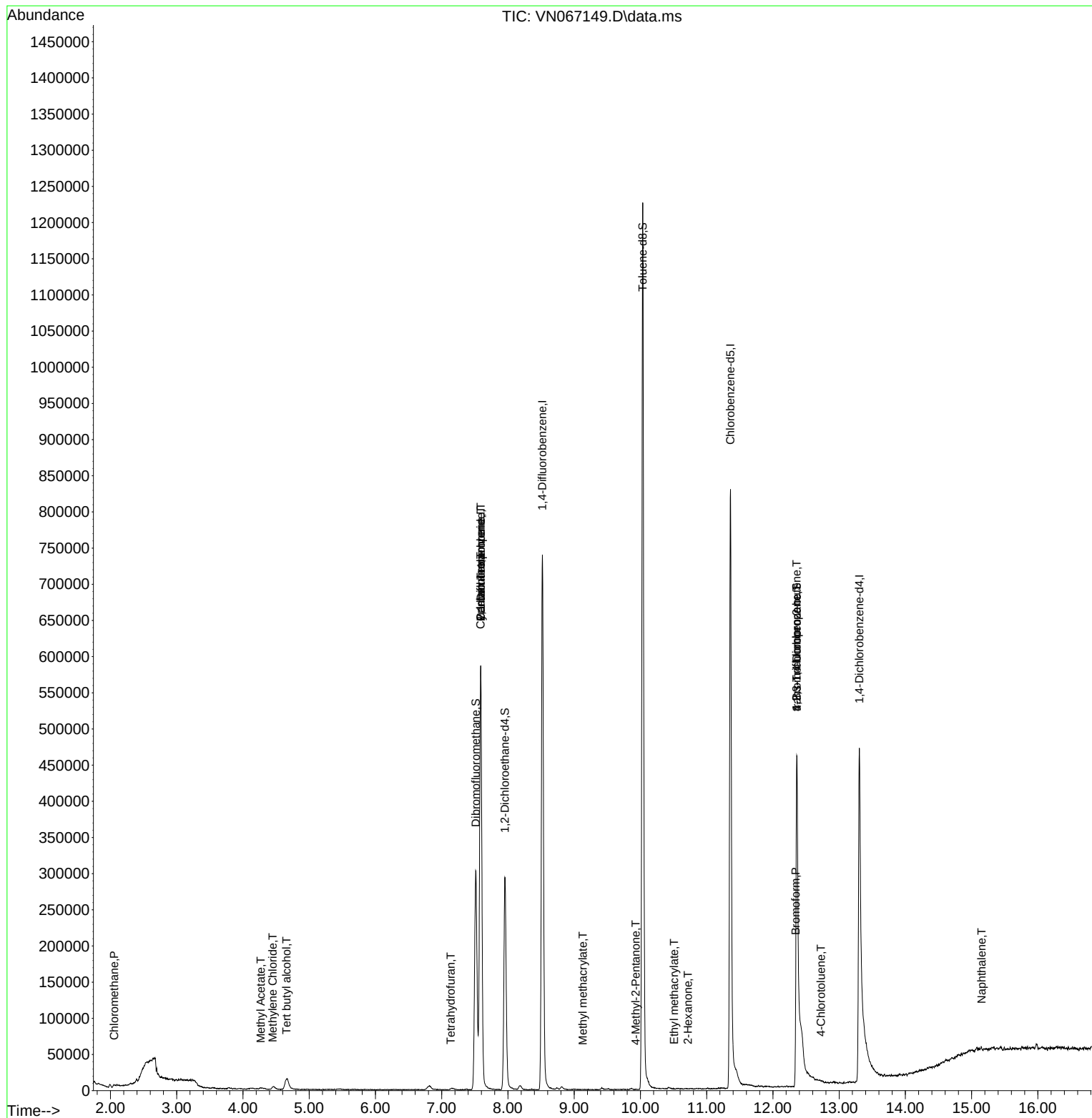
Internal Standards						
1) Pentafluorobenzene	7.589	168	564002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	770171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	622607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	280392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	265144	43.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.04%		
35) Dibromofluoromethane	7.517	113	247072	48.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.72%		
50) Toluene-d8	10.035	98	925859	48.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.60%		
62) 4-Bromofluorobenzene	12.360	95	229794	35.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	71.58%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.053	50	1573	0.25	ug/l	96
11) Tert butyl alcohol	4.658	59	7733	7.61	ug/l #	88
13) Acrolein	3.553	56	490	Below Cal	#	16
18) Methyl Acetate	4.269	43	1488	0.26	ug/l #	78
20) Methylene Chloride	4.451	84	1721	0.35	ug/l	87
29) Tetrahydrofuran	7.138	42	681	0.37	ug/l #	60
31) Cyclohexane	7.586	56	7836	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.589	75	32165	4.58	ug/l #	47
38) Carbon Tetrachloride	7.589	117	45410	6.07	ug/l #	15
48) Methyl methacrylate	9.131	41	213	1.98	ug/l #	9
51) 4-Methyl-2-Pentanone	9.930	43	227	5.44	ug/l #	33
56) Ethyl methacrylate	10.510	69	25	1.94	ug/l #	31
59) 2-Hexanone	10.716	43	426	22.02	ug/l #	21
71) Bromoform	12.344	173	32	1.77	ug/l #	1
76) 1,2,3-Trichloropropane	12.360	75	96499	16.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.360	75	96499	50.10	ug/l #	15
82) 4-Chlorotoluene	12.725	91	151	1.19	ug/l #	39
95) Naphthalene	15.152	128	1606	3.38	ug/l #	75

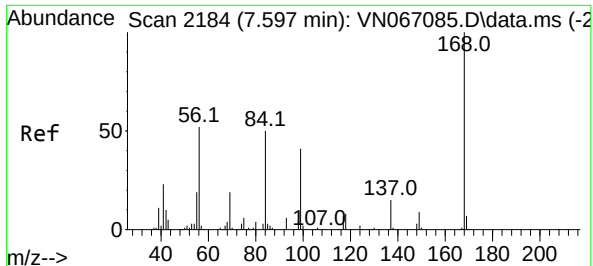
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
Data File : VN067149.D
Acq On : 19 May 2021 14:20
Operator : JC/MD
Sample : M2392-22
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 20 01:55:19 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

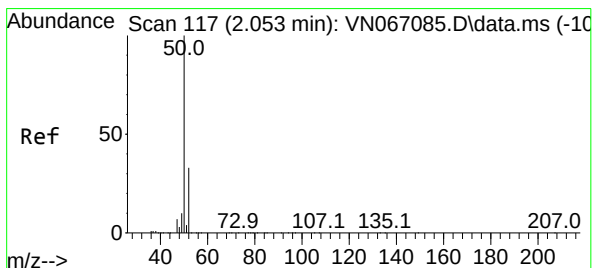
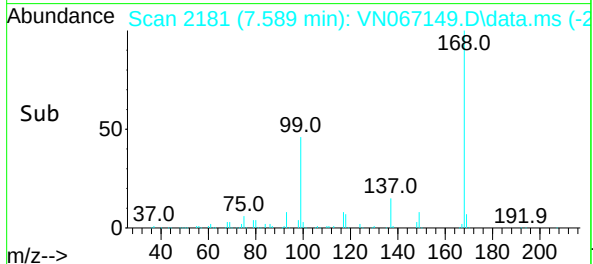
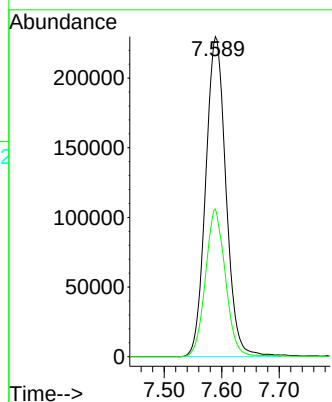
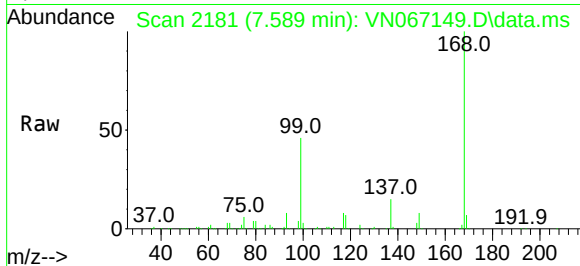




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2181
Delta R.T. -0.008 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

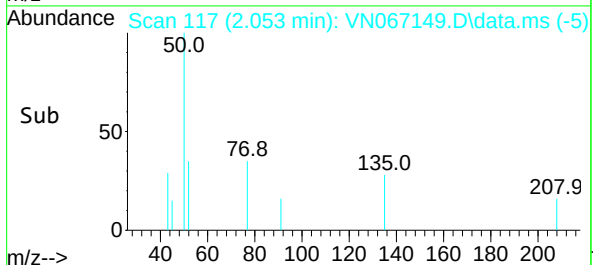
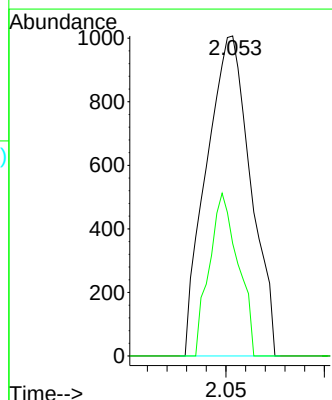
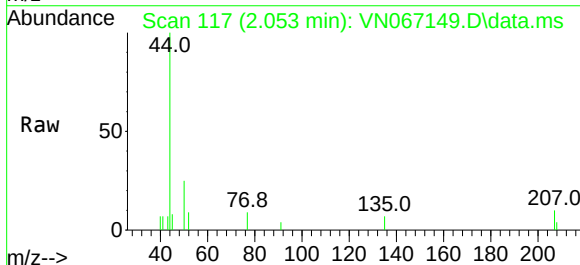
Instrument :
MSVOA_N
ClientSampled :

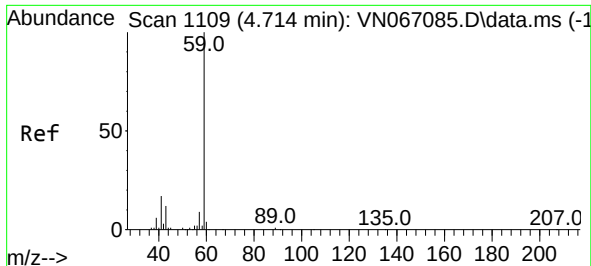
Tgt Ion:168 Resp: 564002
Ion Ratio Lower Upper
168 100
99 46.1 38.5 57.7



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.053 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion: 50 Resp: 1573
Ion Ratio Lower Upper
50 100
52 35.2 26.5 39.7



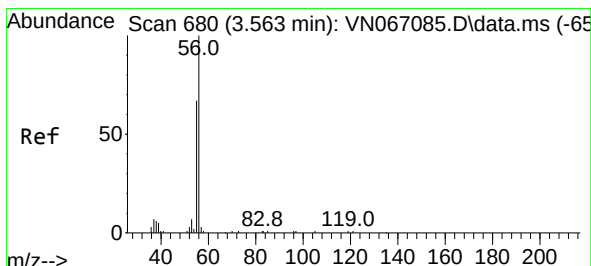
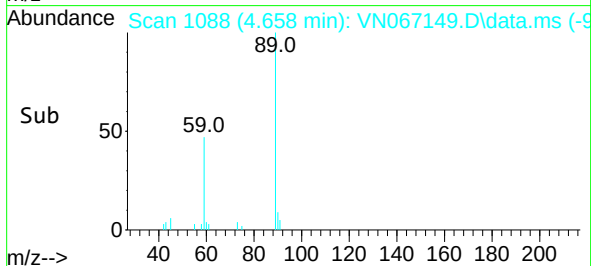
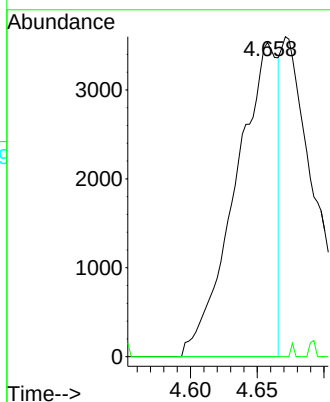
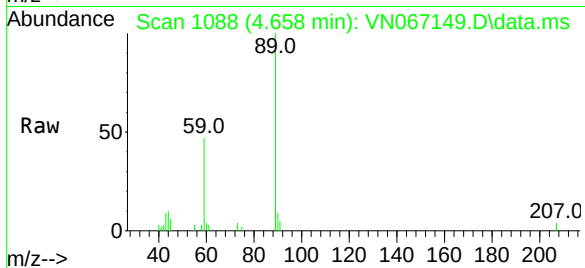


#11

Tert butyl alcohol
Concen: 7.61 ug/l
RT: 4.658 min Scan# 1088
Delta R.T. -0.056 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Instrument :
MSVOA_N
ClientSampled :

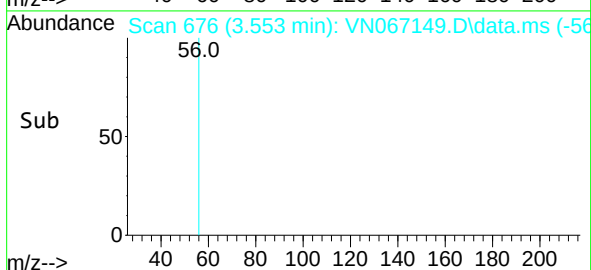
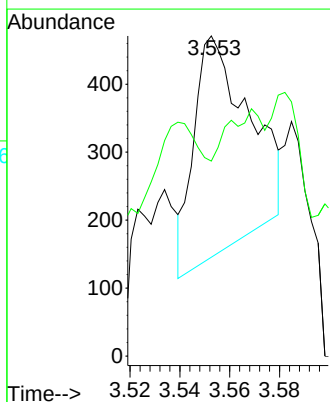
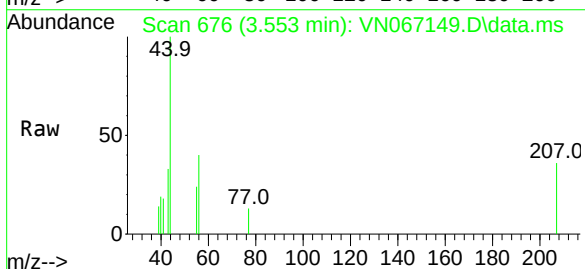
Tgt Ion: 59 Resp: 7733
Ion Ratio Lower Upper
59 100
57 0.3 3.5 5.3#

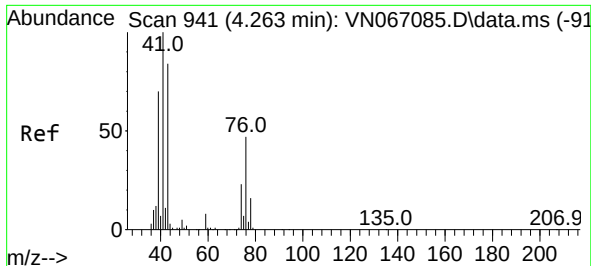


#13

Acrolein
Concen: Below Cal
RT: 3.553 min Scan# 676
Delta R.T. -0.010 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

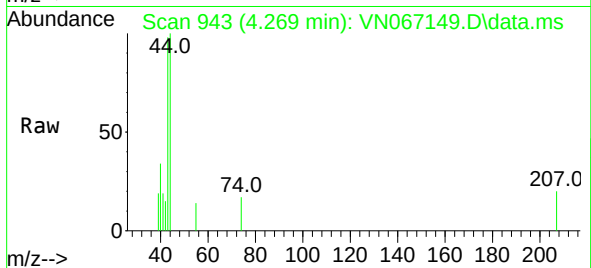
Tgt Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.6#



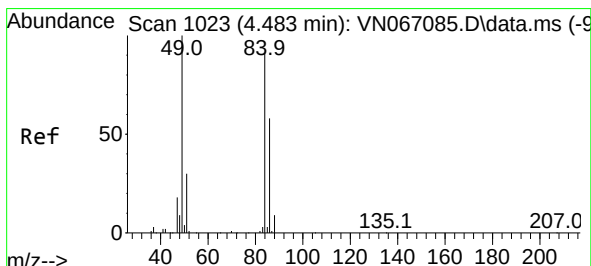
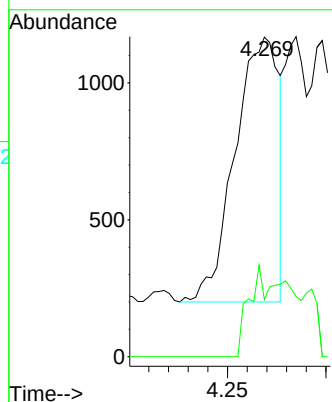
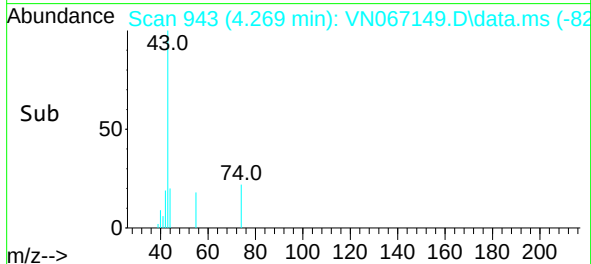


#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 4.269 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

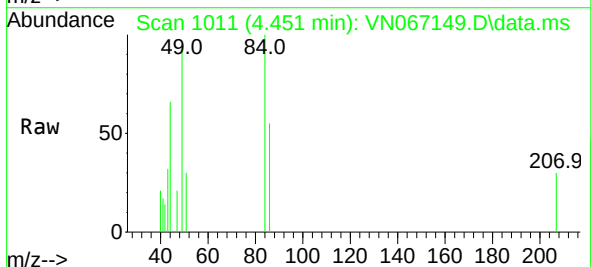
Instrument :
MSVOA_N
ClientSampled :



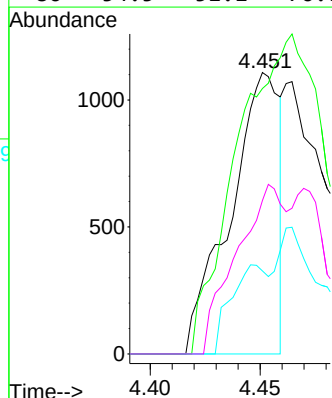
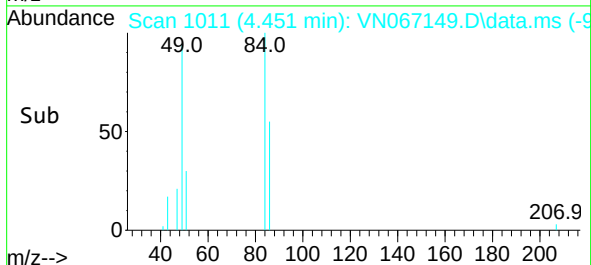
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
74 15.2 21.4 32.2#

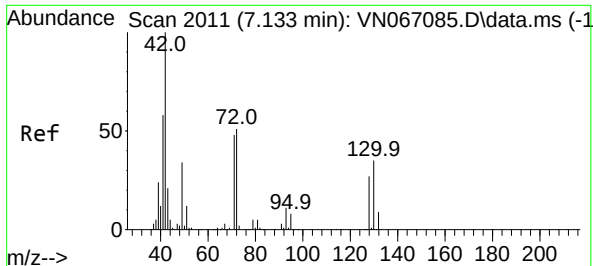


#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 4.451 min Scan# 1011
Delta R.T. -0.032 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20



Tgt Ion: 84 Resp: 1721
Ion Ratio Lower Upper
84 100
49 94.3 88.3 132.5
51 29.5 26.7 40.1
86 54.5 51.1 76.7





#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 7.138 min Scan# 2013

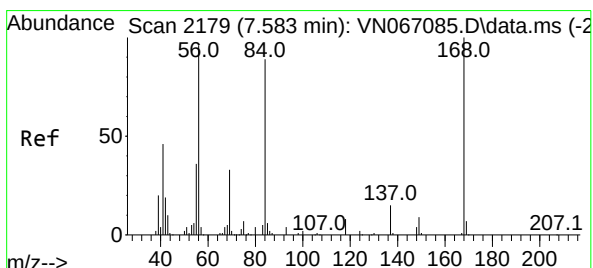
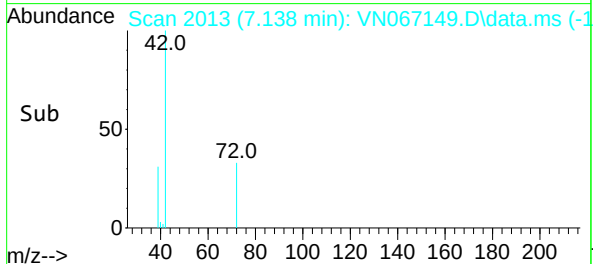
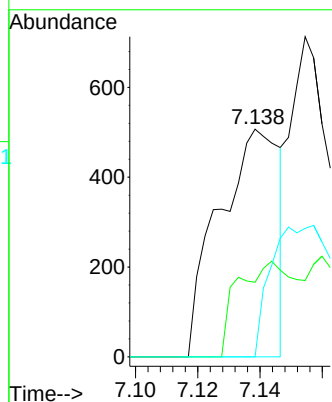
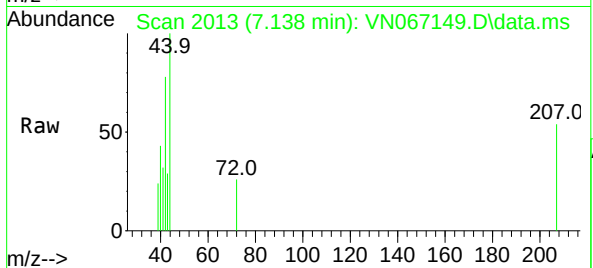
Delta R.T. 0.005 min

Lab File: VN067149.D

Acq: 19 May 2021 14:20

Tgt Ion: 42	Resp: 681
Ion Ratio	Lower Upper
42 100	
72 42.3	40.1 60.1
71 0.0	37.9 56.9#

Instrument :
MSVOA_N
ClientSampleId :



#31

Cyclohexane

Concen: 0.93 ug/l

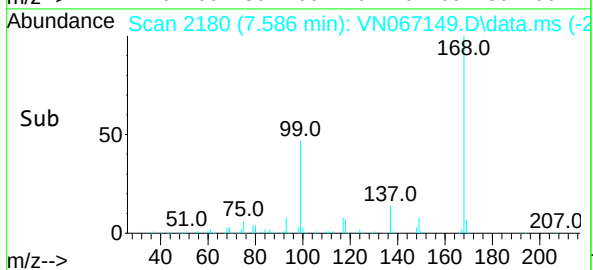
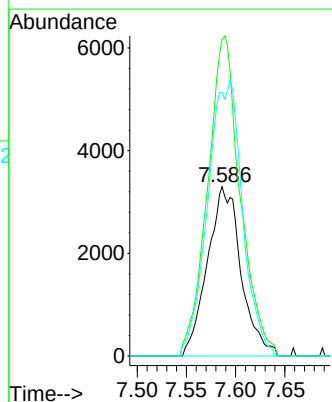
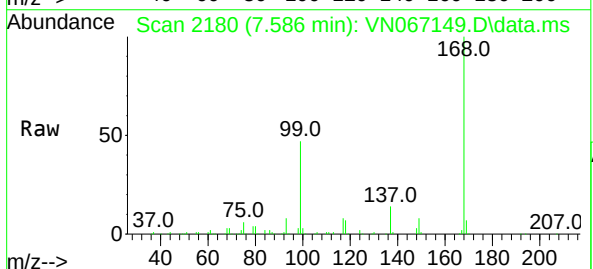
RT: 7.586 min Scan# 2180

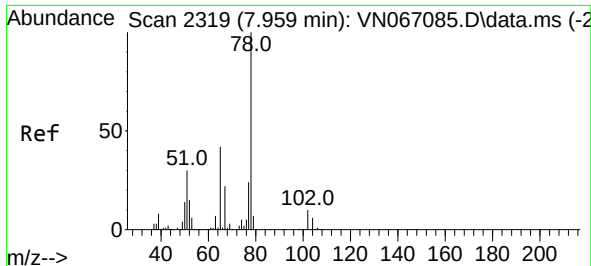
Delta R.T. 0.003 min

Lab File: VN067149.D

Acq: 19 May 2021 14:20

Tgt Ion: 56	Resp: 7836		
Ion Ratio	Lower	Upper	
56	100		
69	186.8	28.0	42.0#
84	155.5	74.2	111.2#

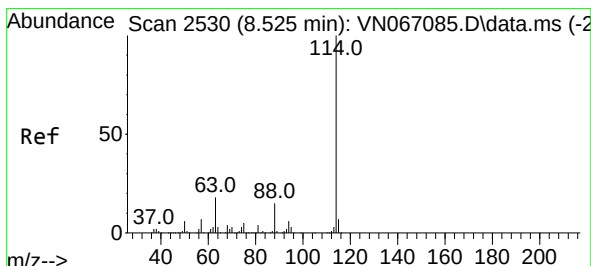
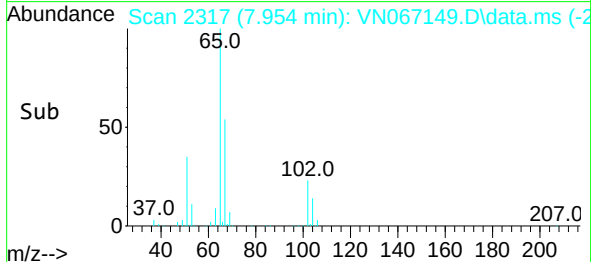
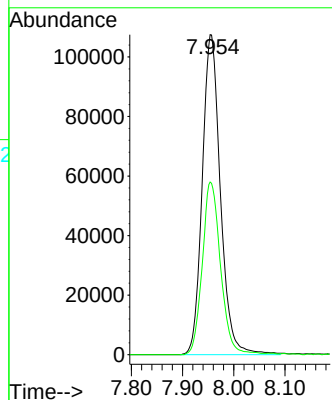
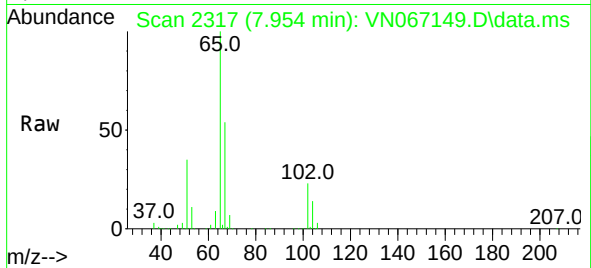




#33
 1,2-Dichloroethane-d4
 Concen: 43.52 ug/l
 RT: 7.954 min Scan# 2317
 Delta R.T. -0.005 min
 Lab File: VN067149.D
 Acq: 19 May 2021 14:20

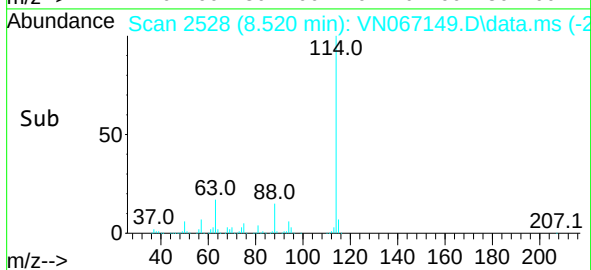
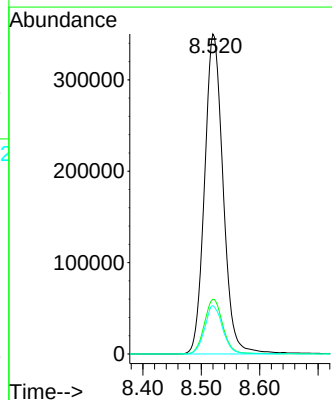
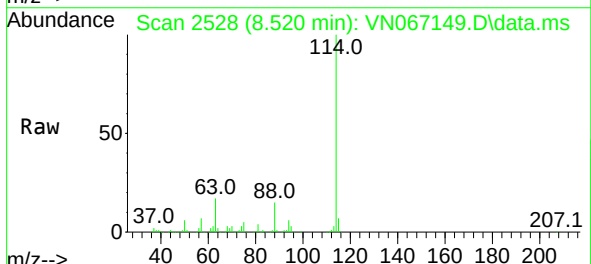
Instrument :
 MSVOA_N
 ClientSampled :

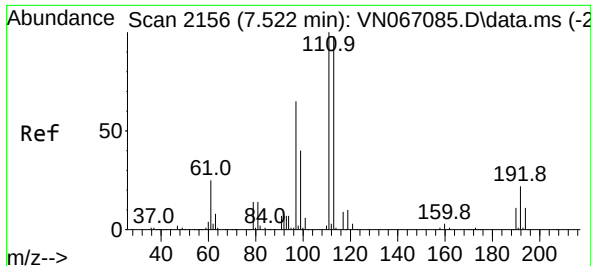
Tgt Ion: 65 Resp: 265144
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.520 min Scan# 2528
 Delta R.T. -0.005 min
 Lab File: VN067149.D
 Acq: 19 May 2021 14:20

Tgt Ion: 114 Resp: 770171
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.8
 88 15.1 0.0 30.4

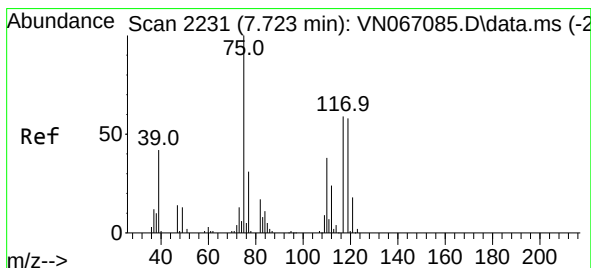
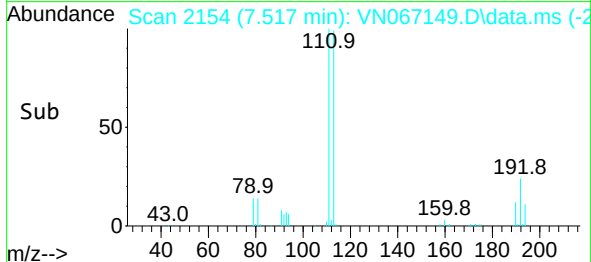
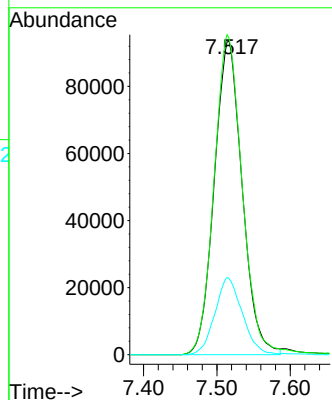
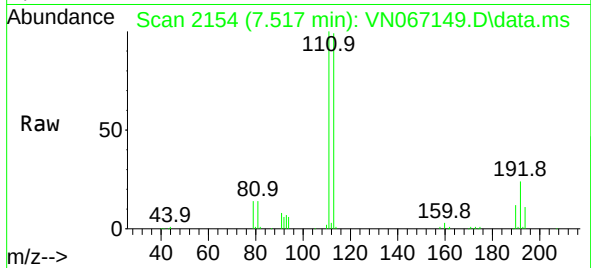




#35
Dibromofluoromethane
Concen: 48.86 ug/l
RT: 7.517 min Scan# 2154
Delta R.T. -0.005 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

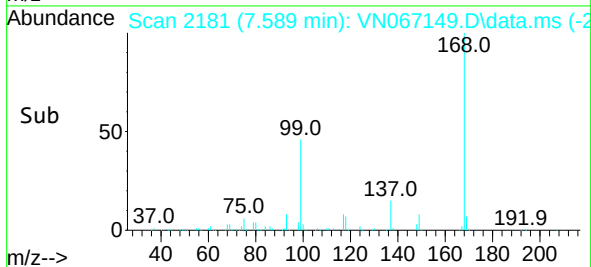
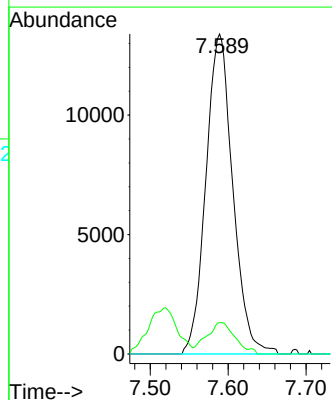
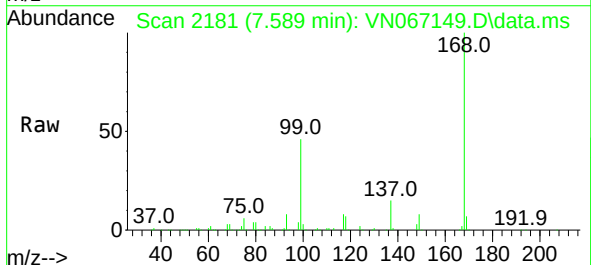
Instrument :
MSVOA_N
ClientSampleId :

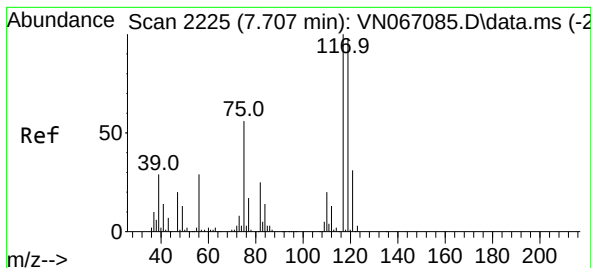
Tgt Ion:113 Resp: 247072
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 24.1 18.2 27.4



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.589 min Scan# 2181
Delta R.T. -0.134 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion: 75 Resp: 32165
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.07 ug/l

RT: 7.589 min Scan# 2181

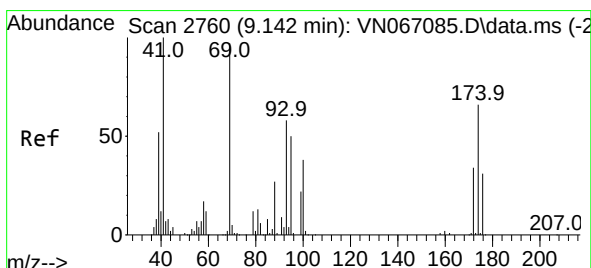
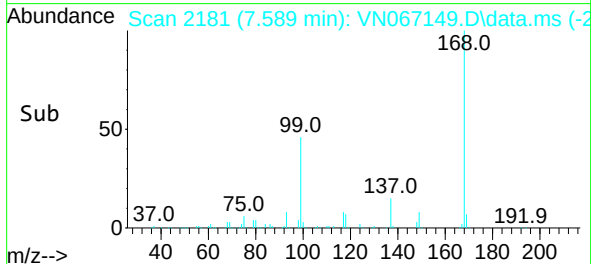
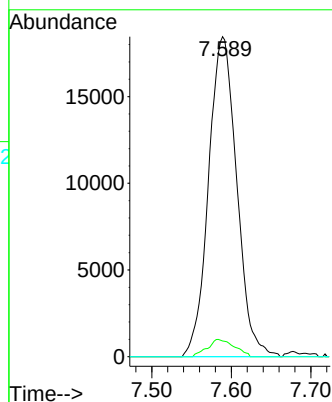
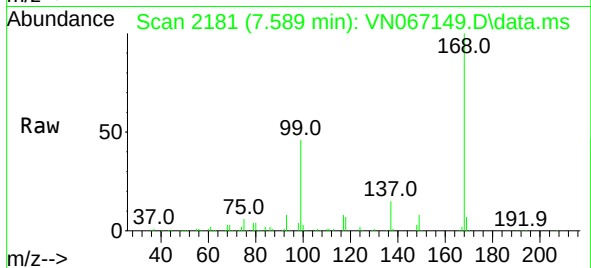
Delta R.T. -0.118 min

Lab File: VN067149.D

Acq: 19 May 2021 14:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	117	Resp:	45410
Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.2	117.2#
121	0.0	24.7	37.1#



#48

Methyl methacrylate

Concen: 1.98 ug/l

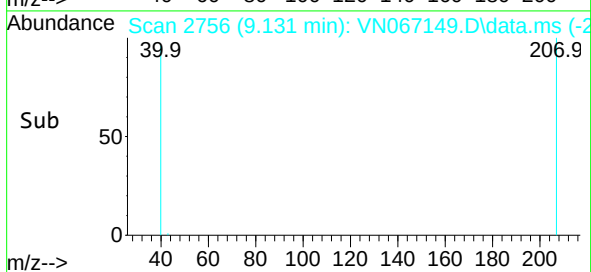
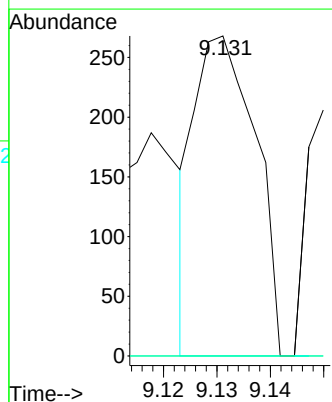
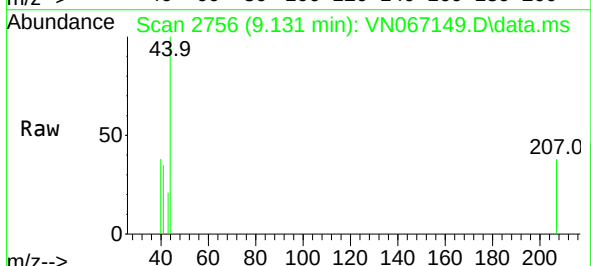
RT: 9.131 min Scan# 2756

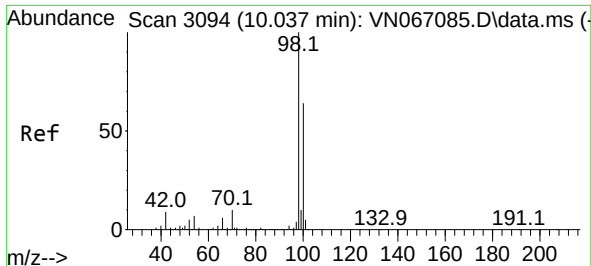
Delta R.T. -0.011 min

Lab File: VN067149.D

Acq: 19 May 2021 14:20

Tgt Ion:	41	Resp:	213
Ion	Ratio	Lower	Upper
41	100		
69	0.0	80.5	120.7#
39	0.0	41.4	62.0#

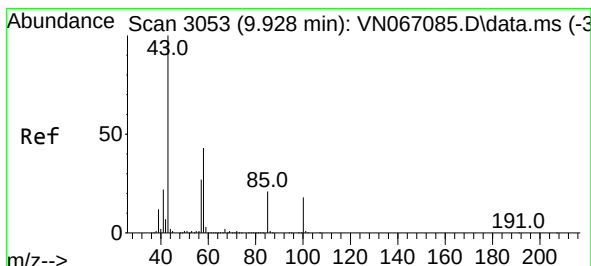
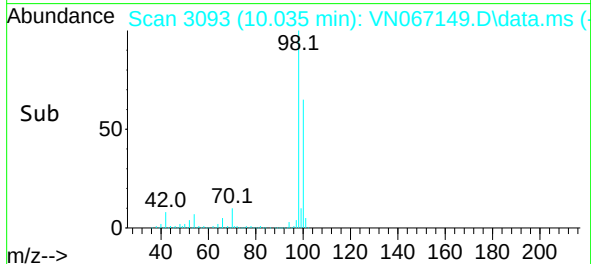
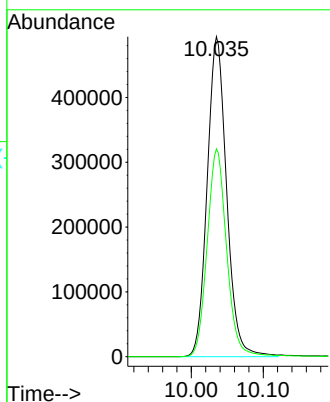
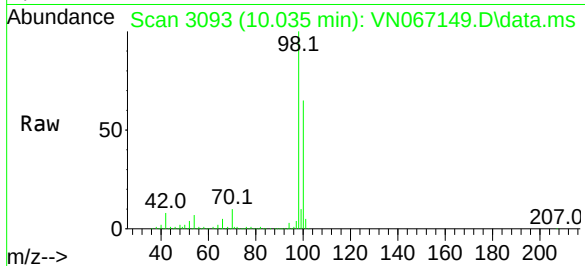




#50
Toluene-d8
Concen: 48.30 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.002 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

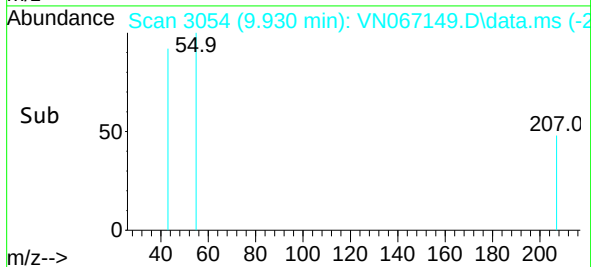
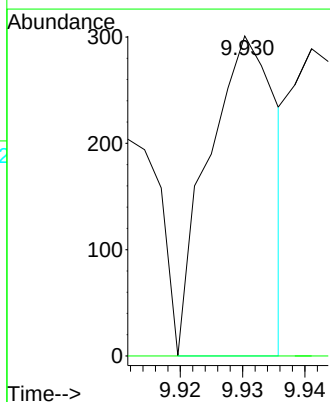
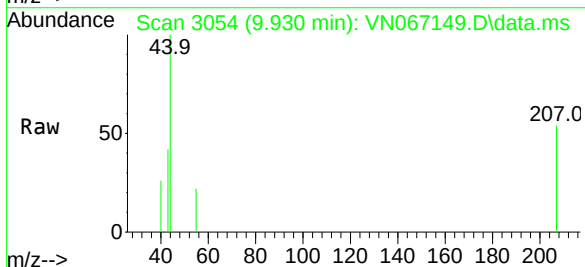
Instrument :
MSVOA_N
ClientSampleId :

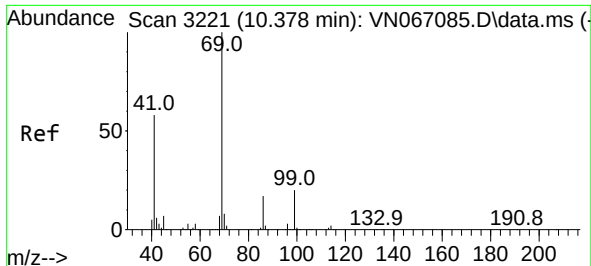
Tgt Ion: 98 Resp: 925859
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 5.44 ug/l
RT: 9.930 min Scan# 3054
Delta R.T. 0.002 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#

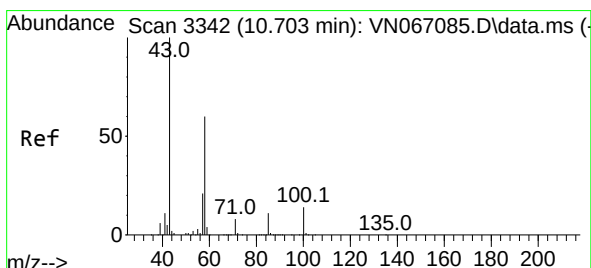
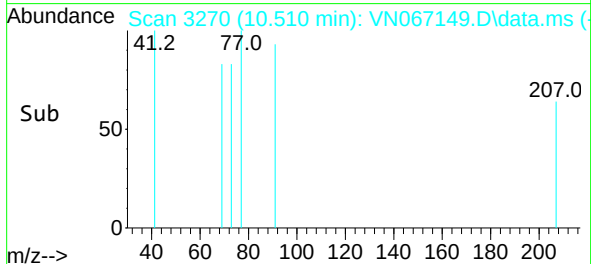
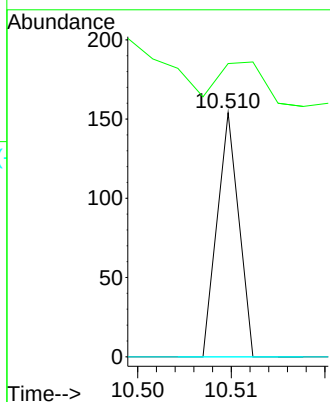
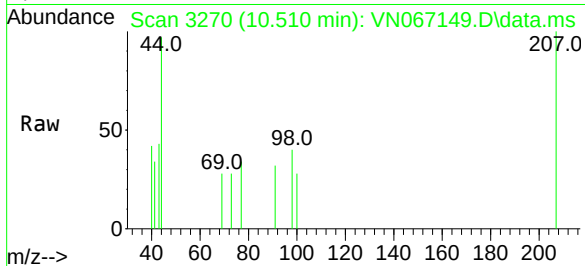




#56
Ethyl methacrylate
Concen: 1.94 ug/l
RT: 10.510 min Scan# 3270
Delta R.T. 0.132 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

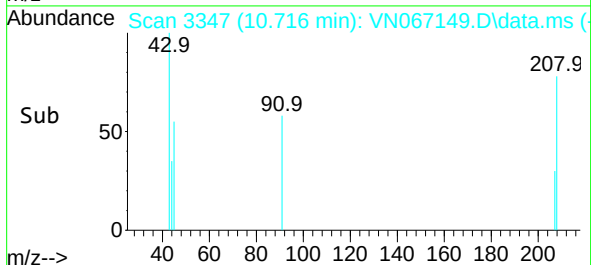
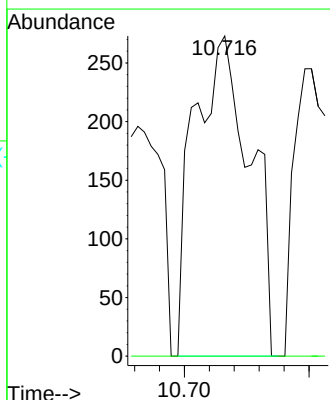
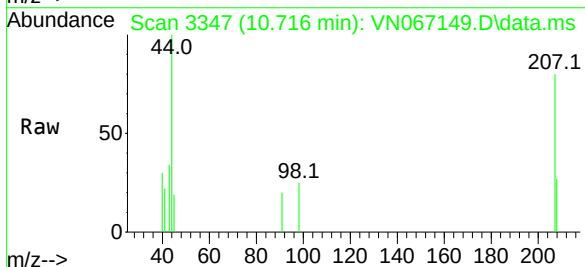
Instrument :
MSVOA_N
ClientSampled :

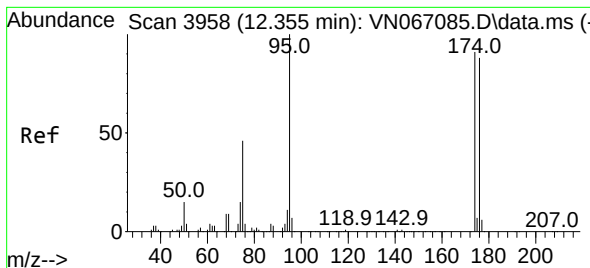
Tgt Ion: 69 Resp: 25
Ion Ratio Lower Upper
69 100
41 0.0 45.5 68.3#
39 0.0 22.9 34.3#



#59
2-Hexanone
Concen: 22.02 ug/l
RT: 10.716 min Scan# 3347
Delta R.T. 0.013 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

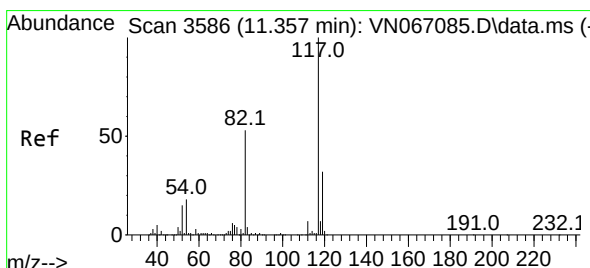
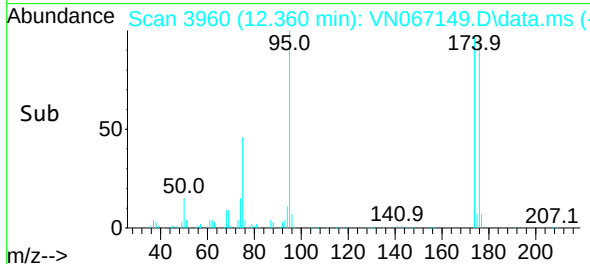
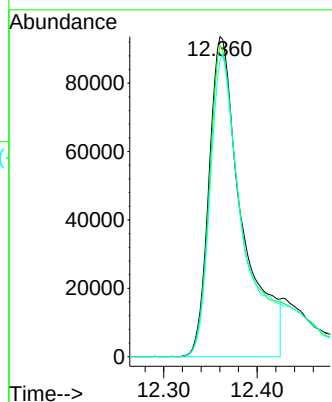
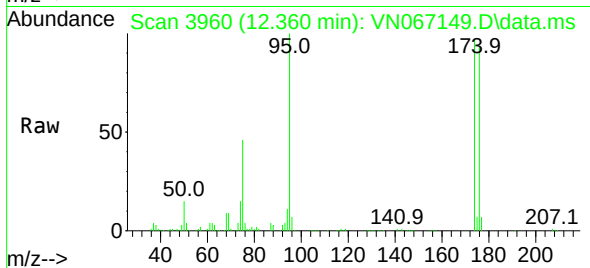




#62
4-Bromofluorobenzene
Concen: 35.79 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

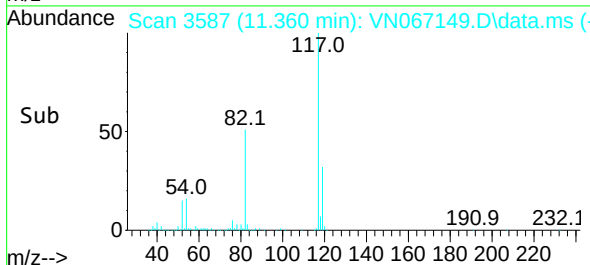
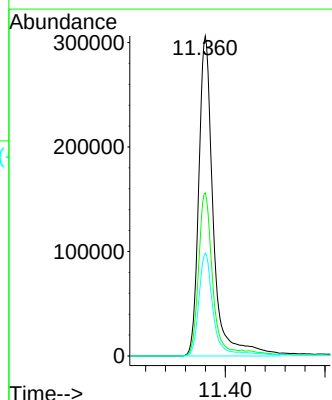
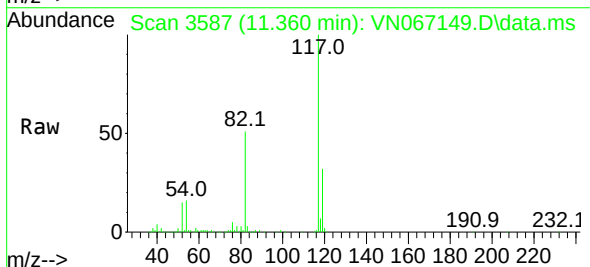
Instrument :
MSVOA_N
ClientSampleId :

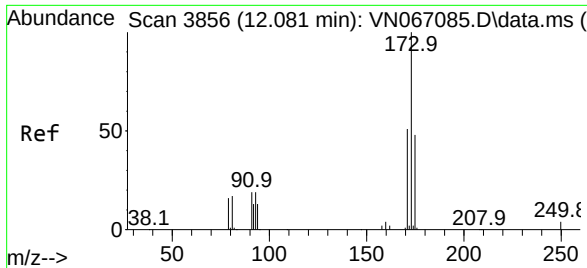
Tgt Ion: 95 Resp: 229794
Ion Ratio Lower Upper
95 100
174 113.3 0.0 182.8
176 111.3 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion: 117 Resp: 622607
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 32.1 25.8 38.6

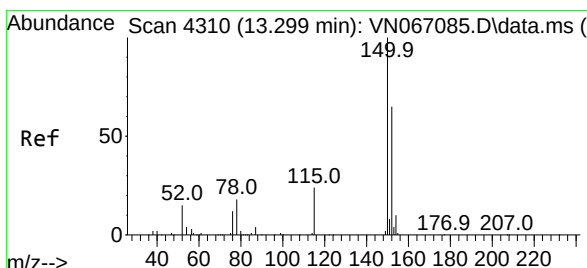
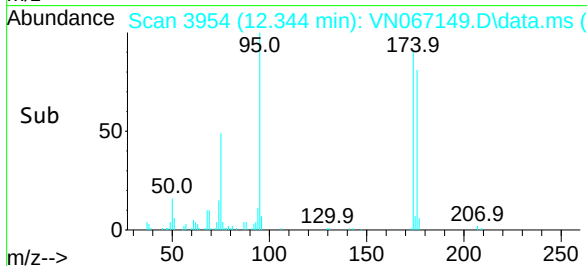
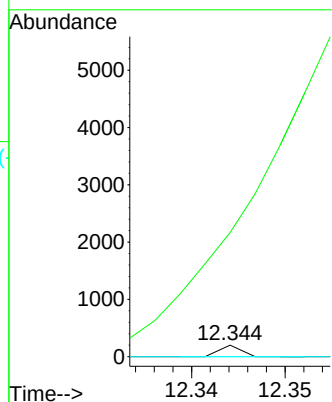
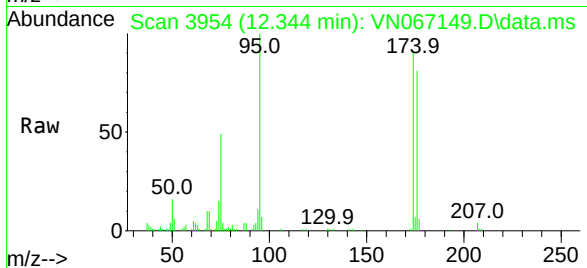




#71
Bromoform
Concen: 1.77 ug/l
RT: 12.344 min Scan# 3954
Delta R.T. 0.263 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

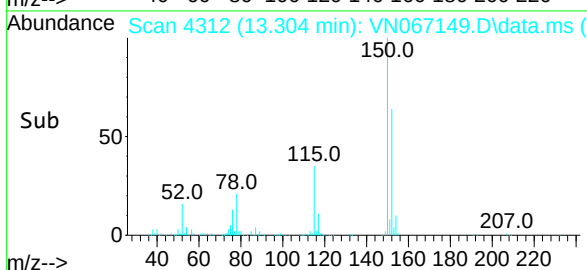
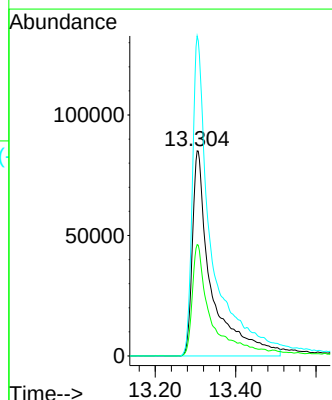
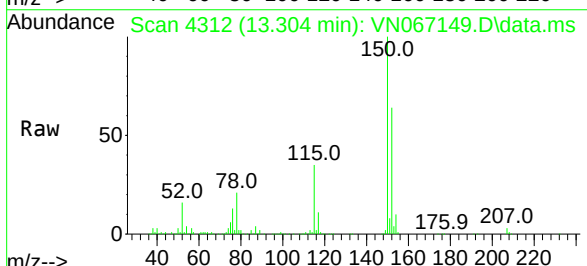
Instrument :
MSVOA_N
ClientSampled :

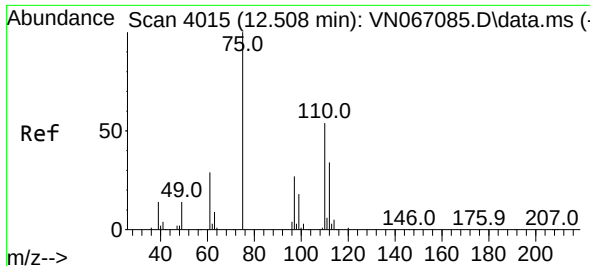
Tgt Ion:173 Resp: 32
Ion Ratio Lower Upper
173 100
175 30318.8 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.005 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion:152 Resp: 280392
Ion Ratio Lower Upper
152 100
115 47.6 27.0 80.8
150 142.6 0.0 350.2

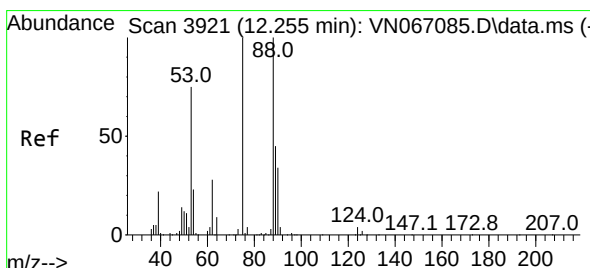
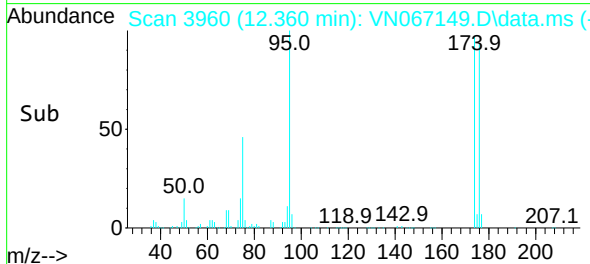
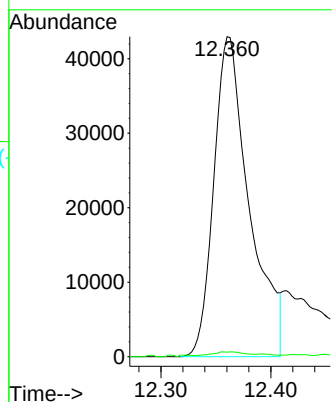
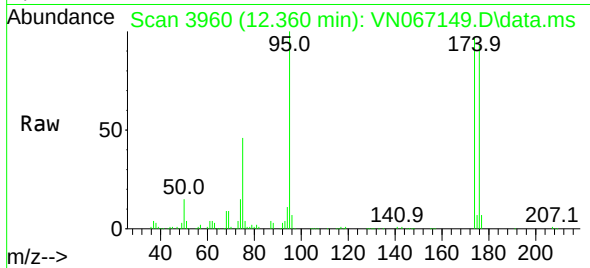




#76
1,2,3-Trichloropropane
Concen: 16.31 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. -0.148 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

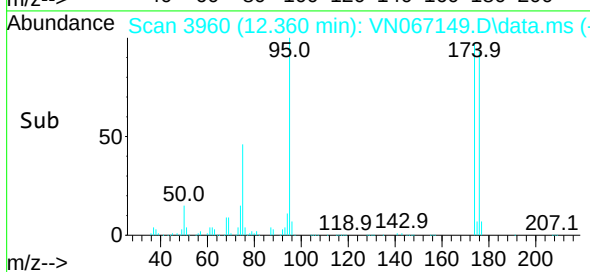
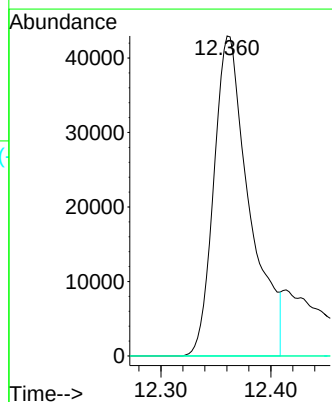
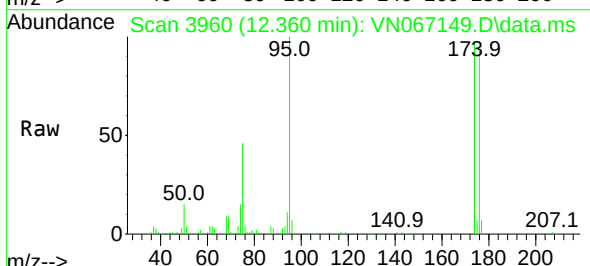
Instrument :
MSVOA_N
ClientSampleId :

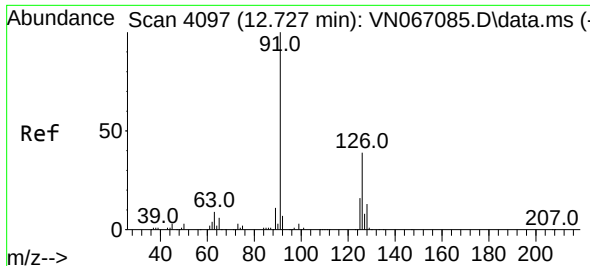
Tgt Ion: 75 Resp: 96499
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.10 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.105 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion: 75 Resp: 96499
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

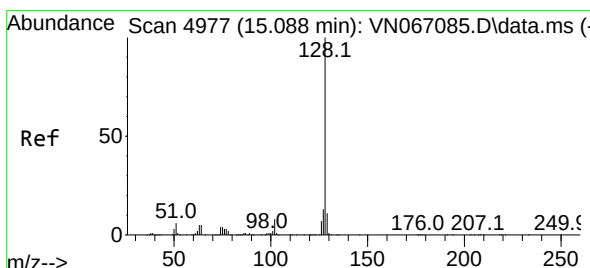
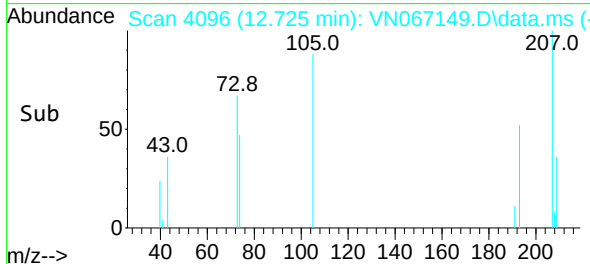
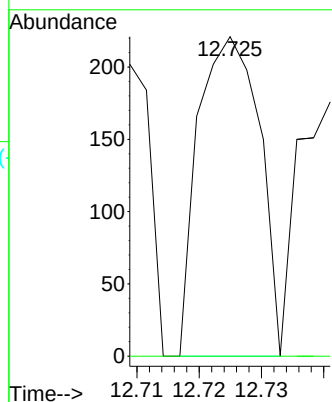
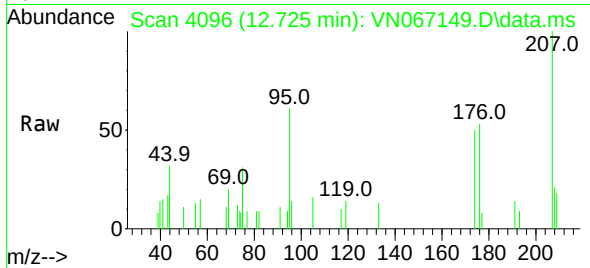




#82
4-Chlorotoluene
Concen: 1.19 ug/l
RT: 12.725 min Scan# 4096
Delta R.T. -0.002 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 91 Resp: 151
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#95
Naphthalene
Concen: 3.38 ug/l
RT: 15.152 min Scan# 5001
Delta R.T. 0.064 min
Lab File: VN067149.D
Acq: 19 May 2021 14:20

Tgt Ion:128 Resp: 1606
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 4.7 8.6 13.0#

