

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067072.D
 Acq On : 10 May 2021 15:25
 Operator : JC/MD
 Sample : PB136216ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 11 01:47:20 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)

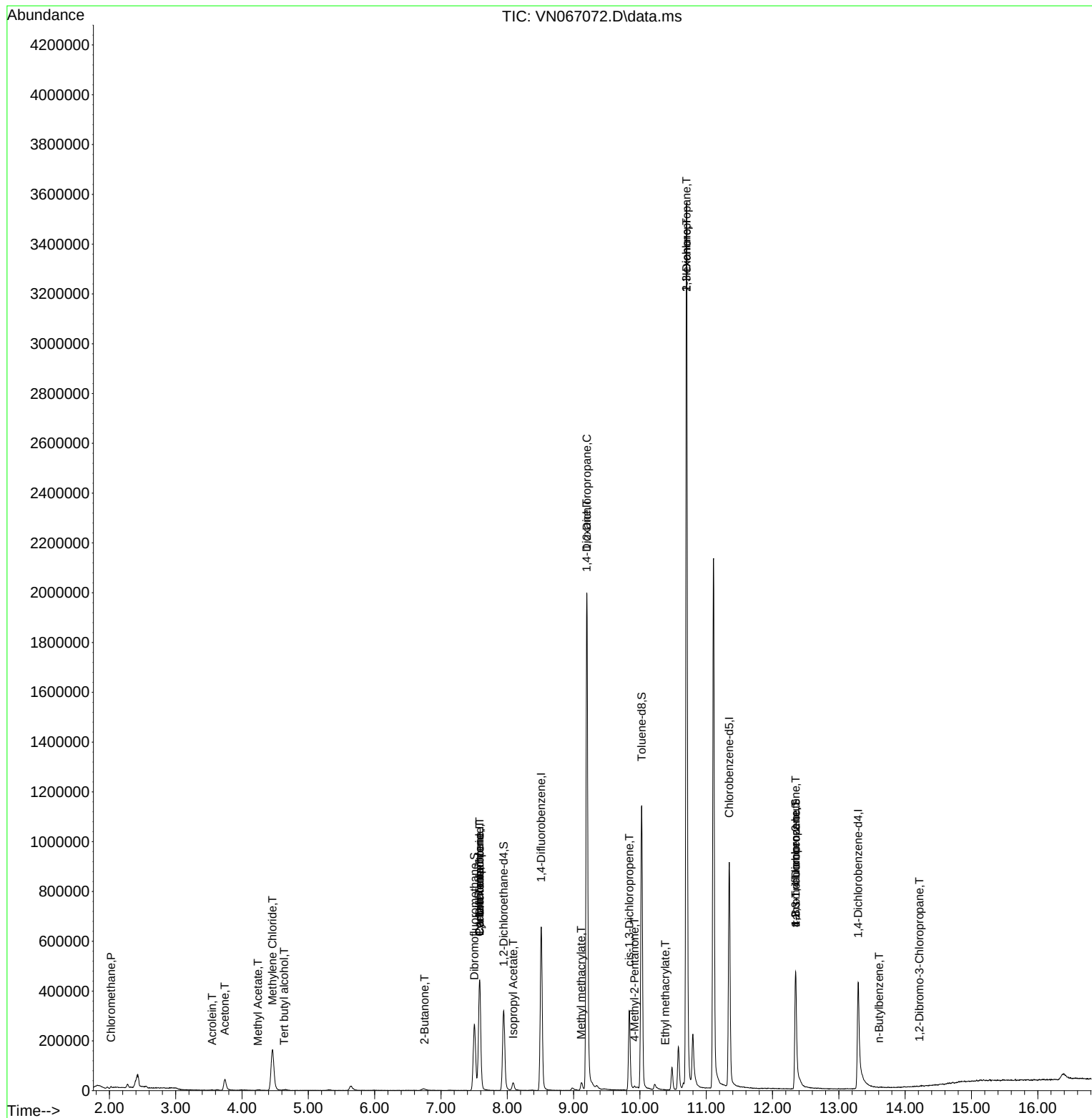
Internal Standards						
1) Pentafluorobenzene	7.584	168	343228	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.512	114	574361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	529660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	149141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	297825	55.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.26%			
35) Dibromofluoromethane	7.504	113	212265	54.42	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.84%			
50) Toluene-d8	10.027	98	797827	53.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.42%			
62) 4-Bromofluorobenzene	12.347	95	226064	44.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.90%			
Target Compounds						Qvalue
3) Chloromethane	2.024	50	4581	0.69	ug/l	89
11) Tert butyl alcohol	4.634	59	1558	2.04	ug/l #	73
13) Acrolein	3.550	56	754	1.19	ug/l	92
16) Acetone	3.741	43	76013	40.00	ug/l	100
18) Methyl Acetate	4.237	43	1178	0.22	ug/l #	55
20) Methylene Chloride	4.460	84	123856	25.69	ug/l	92
25) 2-Butanone	6.753	43	3822	1.36	ug/l	99
31) Cyclohexane	7.581	56	8699	1.14	ug/l #	41
36) 1,1-Dichloropropene	7.584	75	30558	5.11	ug/l #	48
38) Carbon Tetrachloride	7.584	117	37416	6.00	ug/l #	17
43) Isopropyl Acetate	8.088	43	37957	3.83	ug/l #	89
45) 1,2-Dichloropropane	9.201	63	2374	0.45	ug/l #	44
48) Methyl methacrylate	9.113	41	6784	1.55	ug/l #	10
49) 1,4-Dioxane	9.196	88	184	2.65	ug/l #	1
51) 4-Methyl-2-Pentanone	9.920	43	5495	0.96	ug/l #	65
54) cis-1,3-Dichloropropene	9.840	75	62419	7.93	ug/l #	65
56) Ethyl methacrylate	10.381	69	154	5.21	ug/l #	1
57) 1,3-Dichloropropane	10.703	76	35034	4.51	ug/l #	43
59) 2-Hexanone	10.703	43	503431	135.13	ug/l #	51
76) 1,2,3-Trichloropropane	12.347	75	108579	30.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.347	75	108579	90.73	ug/l #	12
89) n-Butylbenzene	13.608	91	50	5.25	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.217	75	316	0.44	ug/l #	1

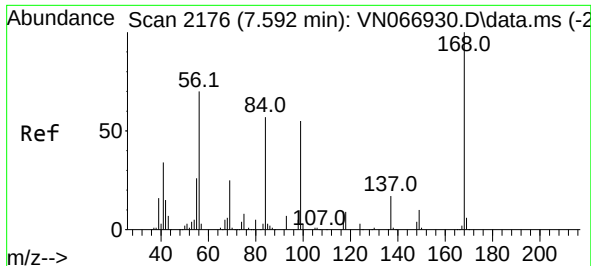
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

Quant Time: May 11 01:47:20 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

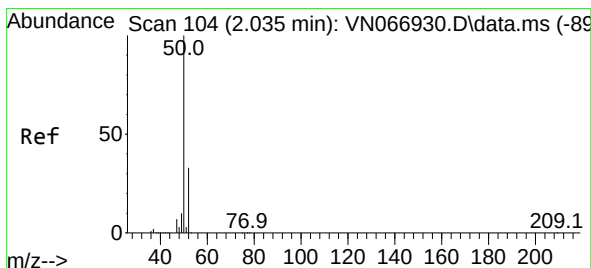
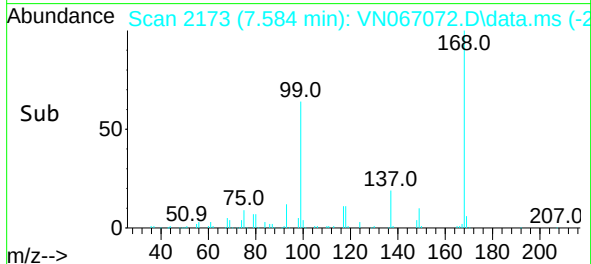
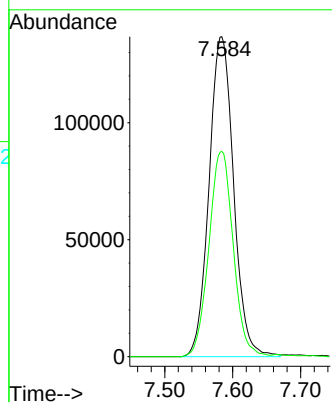
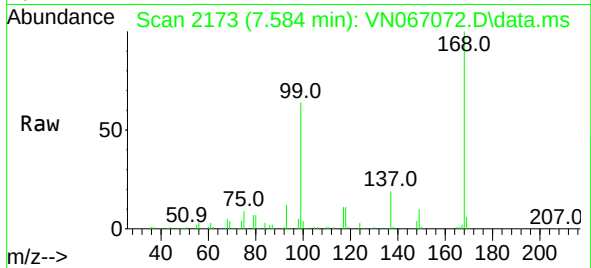




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.008 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

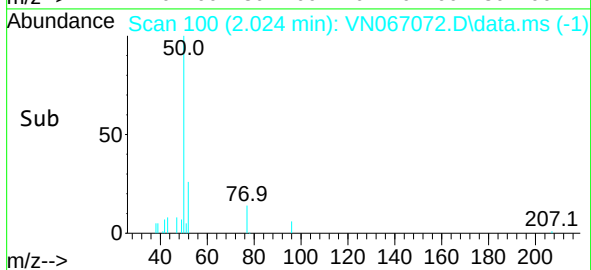
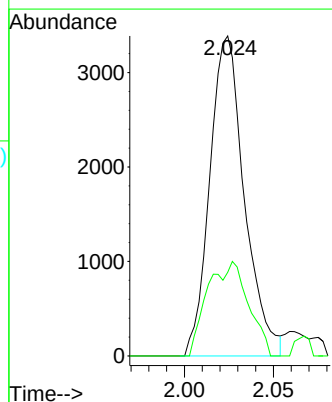
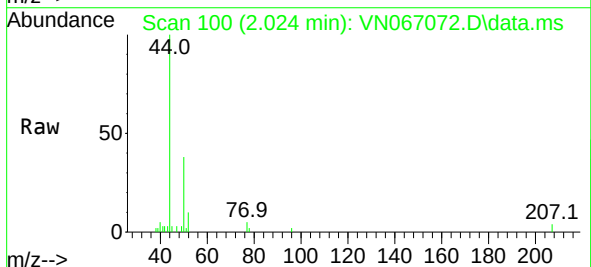
Instrument :
MSVOA_N
ClientSampleId :

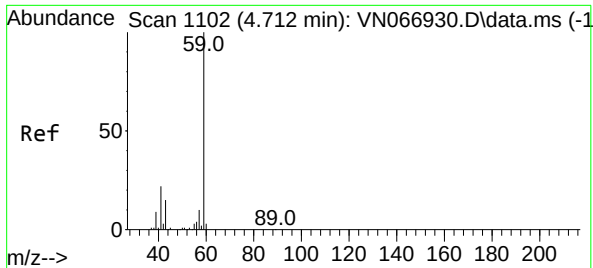
Tgt Ion:168 Resp: 343228
Ion Ratio Lower Upper
168 100
99 64.1 42.6 63.8#



#3
Chloromethane
Concen: 0.69 ug/l
RT: 2.024 min Scan# 100
Delta R.T. -0.011 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 50 Resp: 4581
Ion Ratio Lower Upper
50 100
52 26.1 25.8 38.8

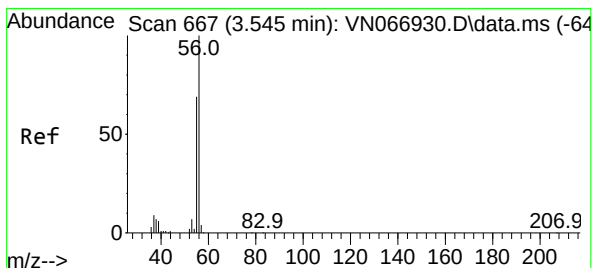
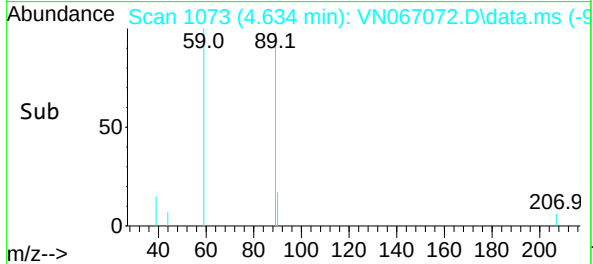
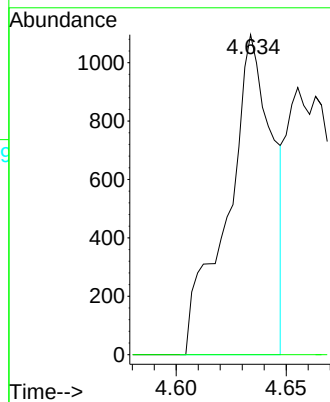
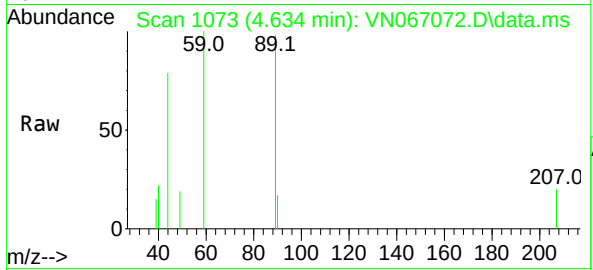




#11
Tert butyl alcohol
Concen: 2.04 ug/l
RT: 4.634 min Scan# 1073
Delta R.T. -0.078 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

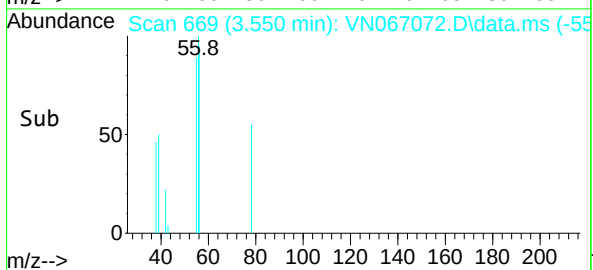
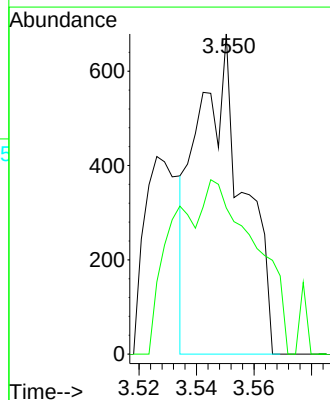
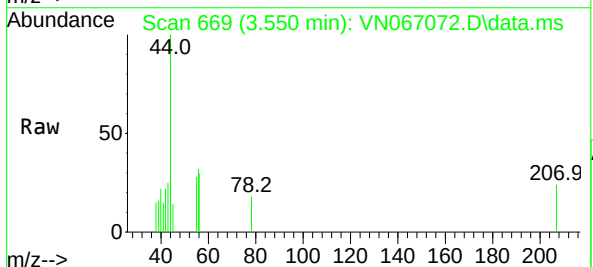
Instrument :
MSVOA_N
ClientSampled :

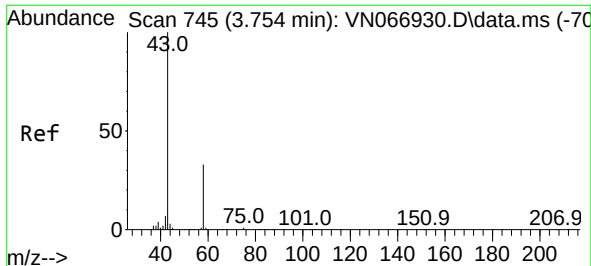
Tgt Ion: 59 Resp: 1558
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 1.19 ug/l
RT: 3.550 min Scan# 669
Delta R.T. 0.005 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

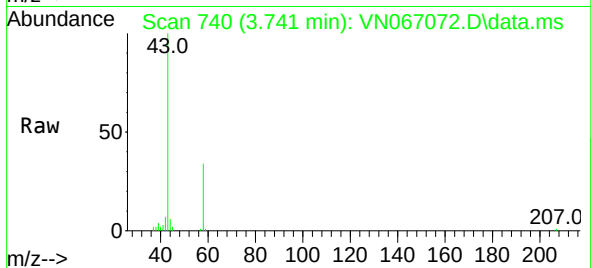
Tgt Ion: 56 Resp: 754
Ion Ratio Lower Upper
56 100
55 63.1 56.0 84.0



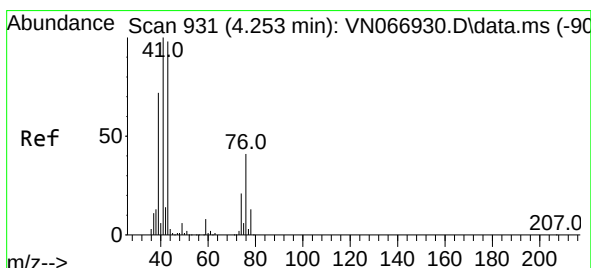
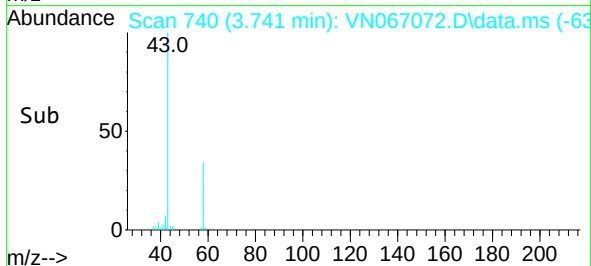
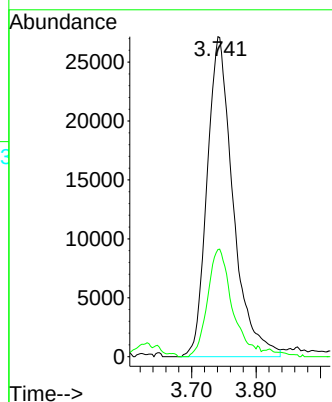


#16
Acetone
Concen: 40.00 ug/l
RT: 3.741 min Scan# 740
Delta R.T. -0.013 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Instrument :
MSVOA_N
ClientSampled :

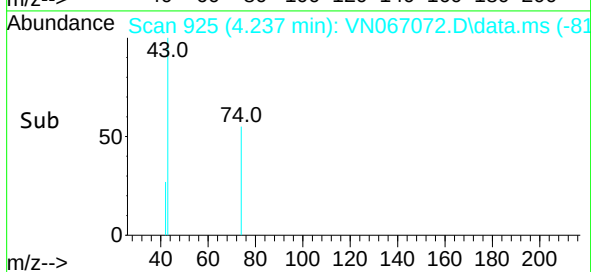
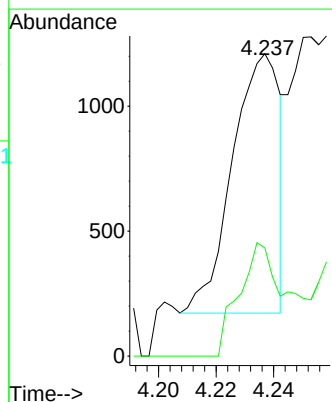
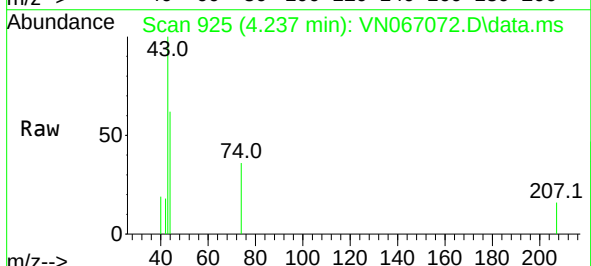


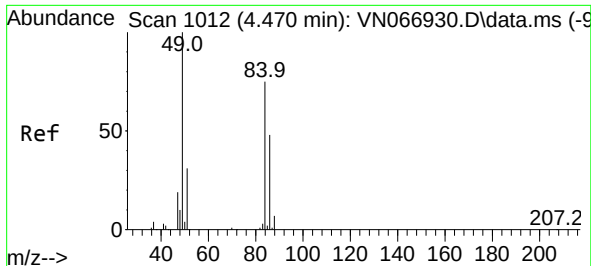
Tgt Ion: 43 Resp: 76013
Ion Ratio Lower Upper
43 100
58 33.5 27.0 40.6



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 4.237 min Scan# 925
Delta R.T. -0.016 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
74 46.6 19.5 29.3#





#20

Methylene Chloride

Concen: 25.69 ug/l

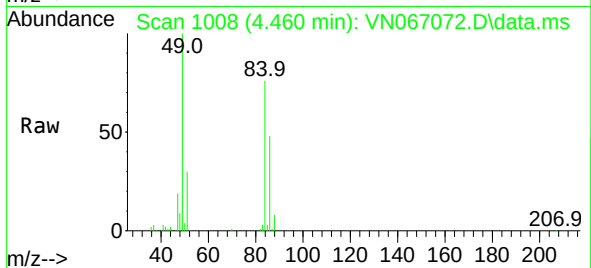
RT: 4.460 min Scan# 1008

Delta R.T. -0.010 min

Lab File: VN067072.D

Acq: 10 May 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 123856

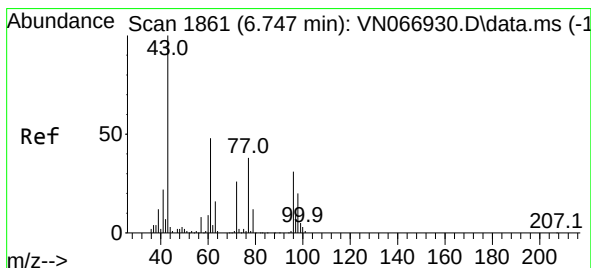
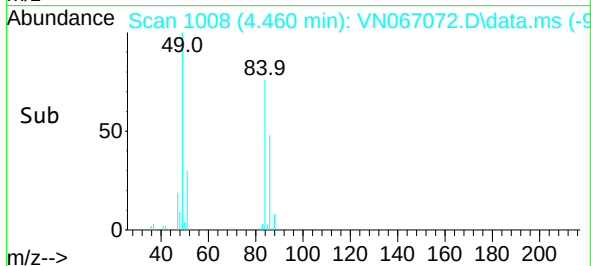
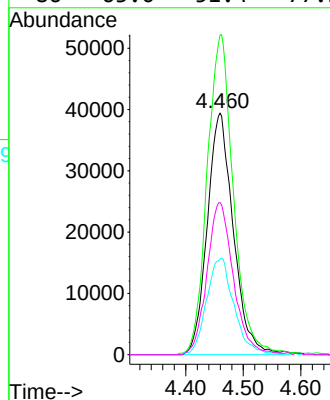
Ion Ratio Lower Upper

84 100

49 131.8 94.6 141.8

51 39.5 29.9 44.9

86 63.0 51.4 77.2



#25

2-Butanone

Concen: 1.36 ug/l

RT: 6.753 min Scan# 1863

Delta R.T. 0.006 min

Lab File: VN067072.D

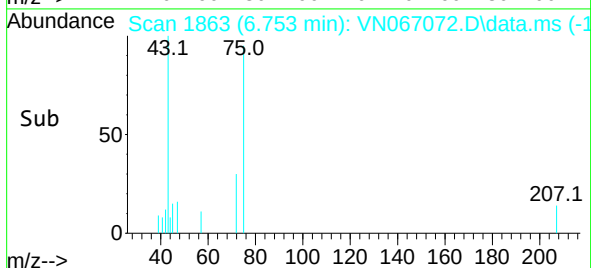
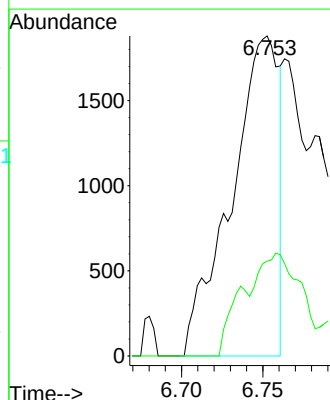
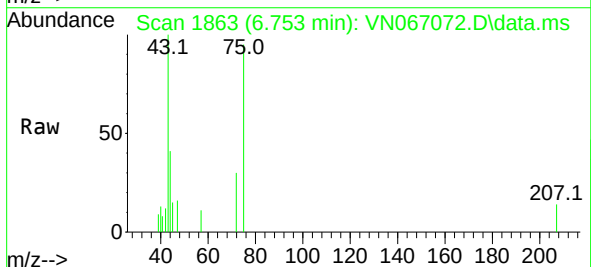
Acq: 10 May 2021 15:25

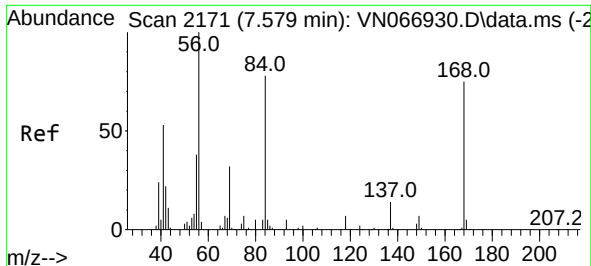
Tgt Ion: 43 Resp: 3822

Ion Ratio Lower Upper

43 100

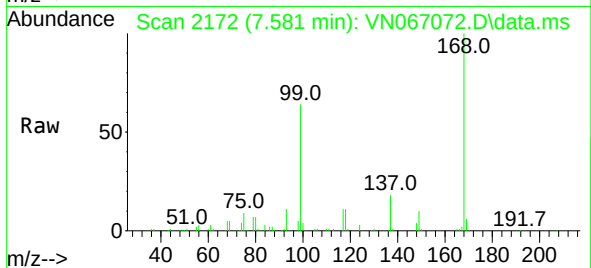
72 29.6 23.1 34.7



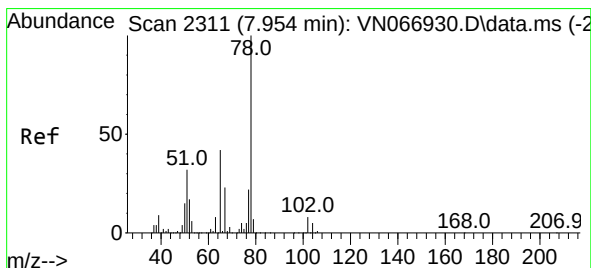
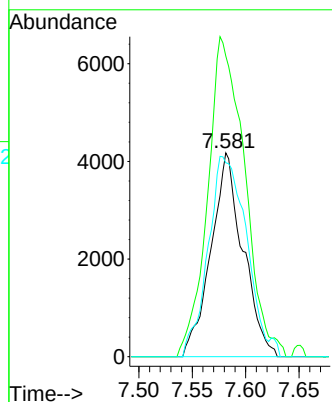
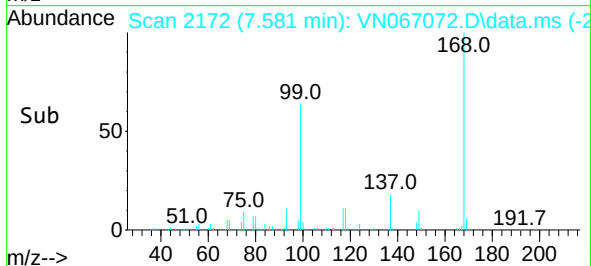


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.581 min Scan# 2172
Delta R.T. 0.002 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

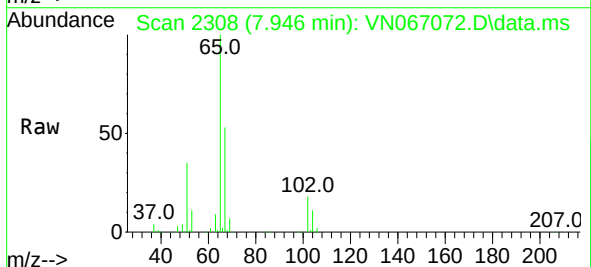
Instrument :
MSVOA_N
ClientSampled :



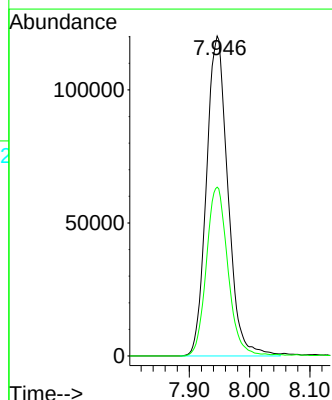
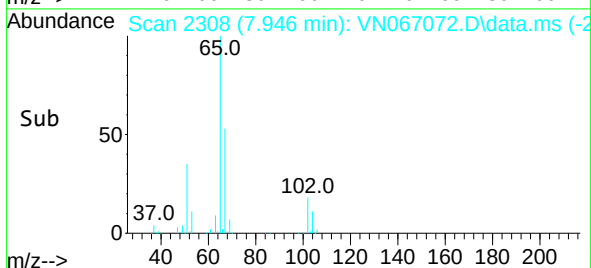
Tgt Ion: 56 Resp: 8699
Ion Ratio Lower Upper
56 100
69 143.4 26.6 39.8#
84 95.2 70.4 105.6

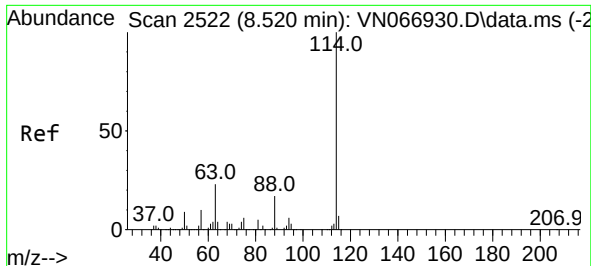


#33
1,2-Dichloroethane-d4
Concen: 55.13 ug/l
RT: 7.946 min Scan# 2308
Delta R.T. -0.008 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25



Tgt Ion: 65 Resp: 297825
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2

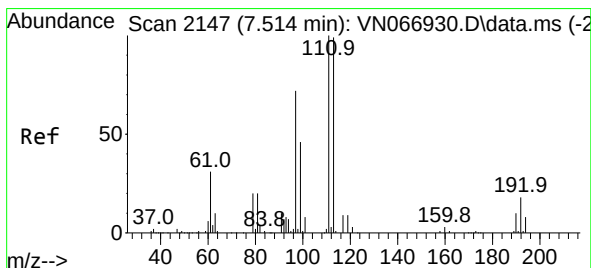
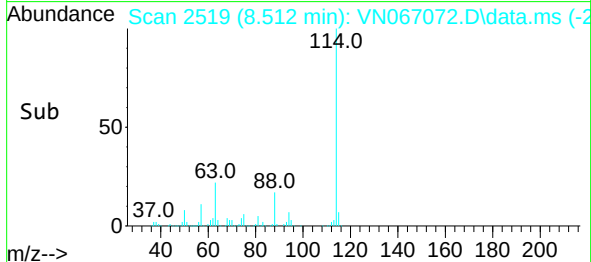
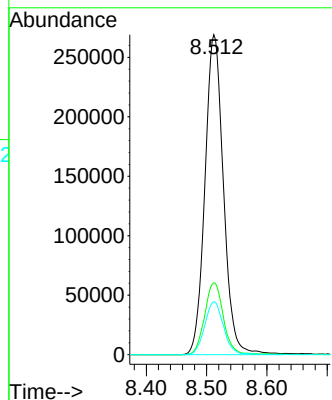
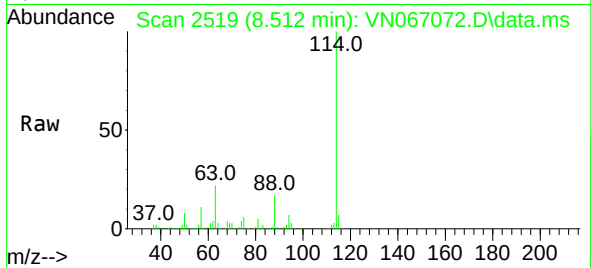




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2519
Delta R.T. -0.008 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

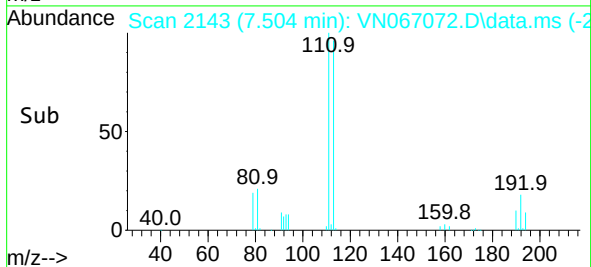
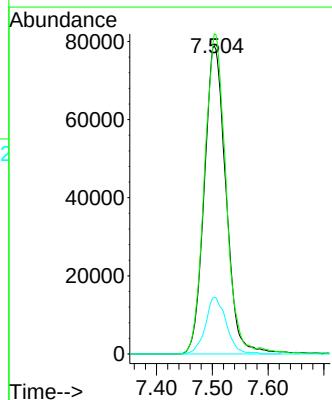
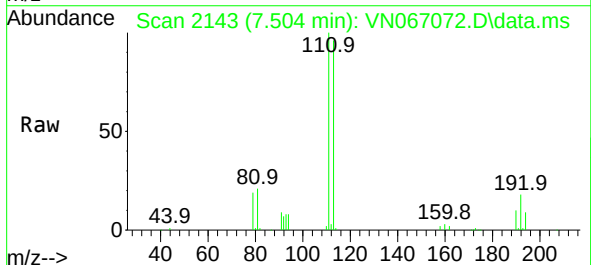
Instrument :
MSVOA_N
ClientSampled :

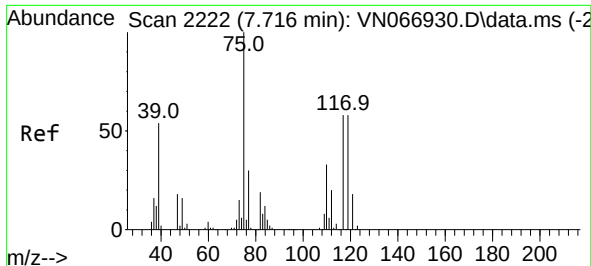
Tgt Ion:114 Resp: 574361
Ion Ratio Lower Upper
114 100
63 22.5 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.42 ug/l
RT: 7.504 min Scan# 2143
Delta R.T. -0.010 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion:113 Resp: 212265
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 17.7 15.4 23.0

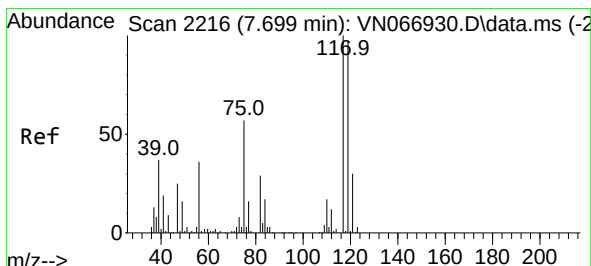
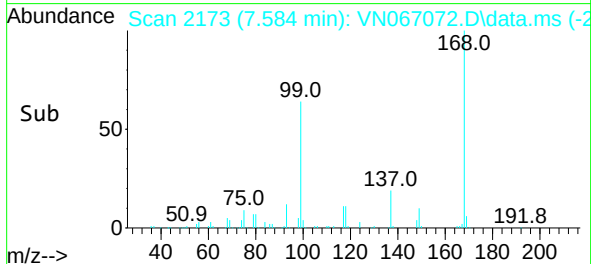
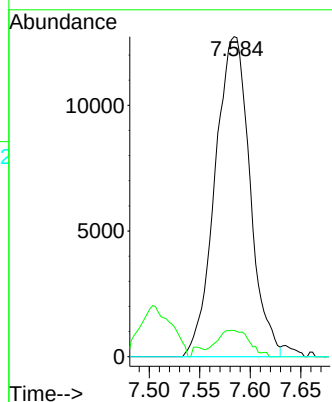
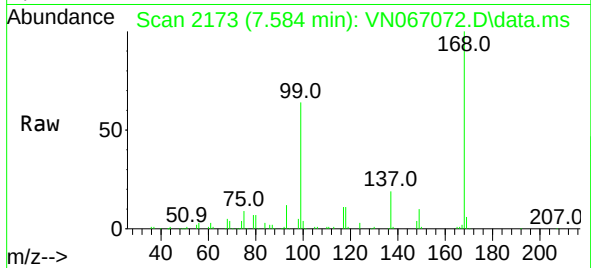




#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.132 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

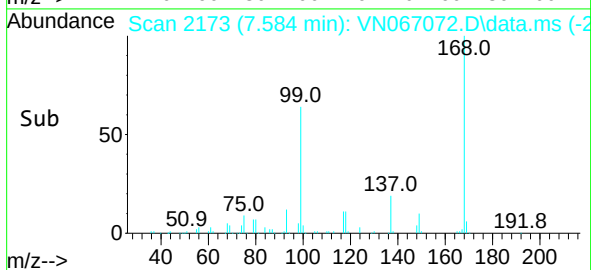
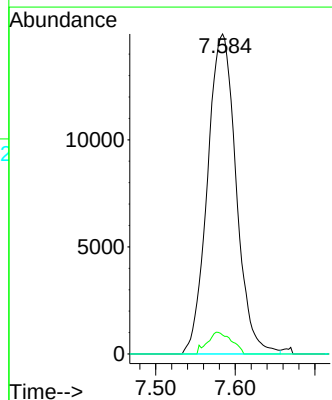
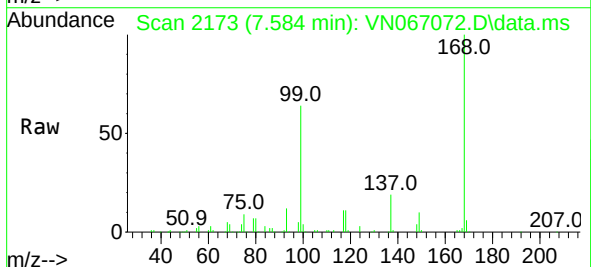
Instrument :
MSVOA_N
ClientSampled :

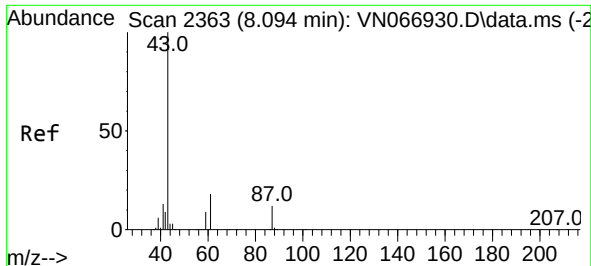
Tgt Ion: 75 Resp: 30558
Ion Ratio Lower Upper
75 100
110 7.8 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.115 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion:117 Resp: 37416
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

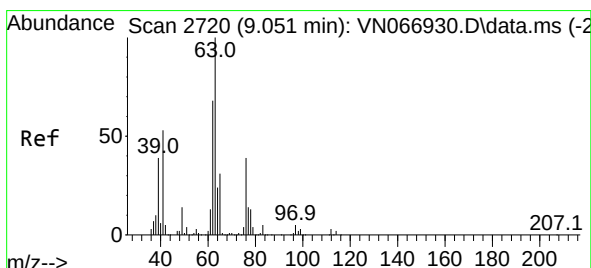
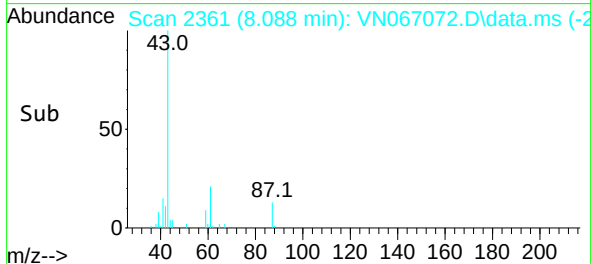
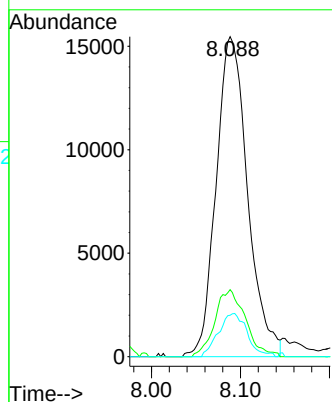
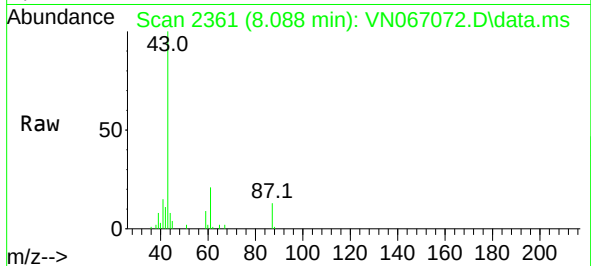




#43
Isopropyl Acetate
Concen: 3.83 ug/l
RT: 8.088 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

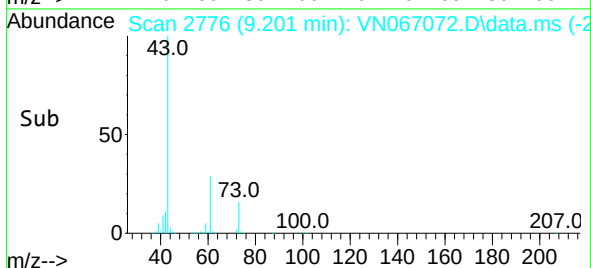
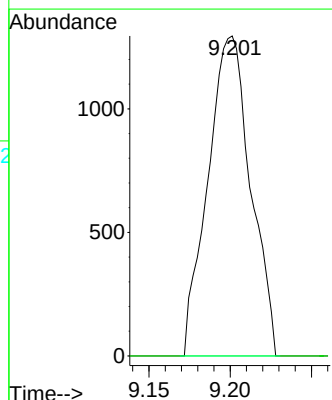
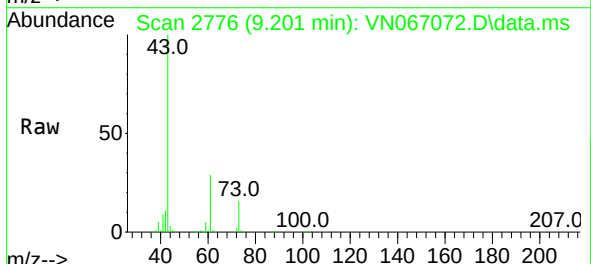
Instrument :
MSVOA_N
ClientSampled :

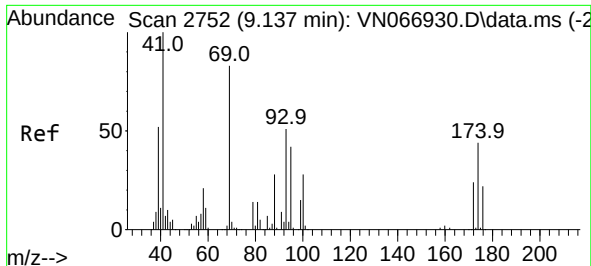
Tgt Ion: 43 Resp: 37957
Ion Ratio Lower Upper
43 100
61 20.4 22.5 33.7#
87 12.4 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.45 ug/l
RT: 9.201 min Scan# 2776
Delta R.T. 0.150 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 63 Resp: 2374
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

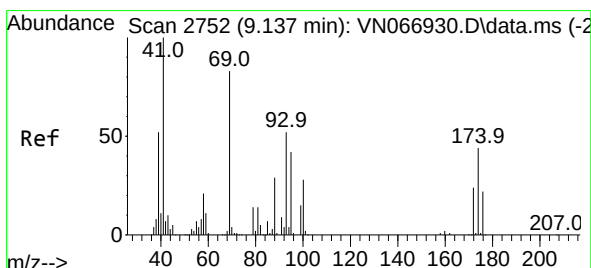
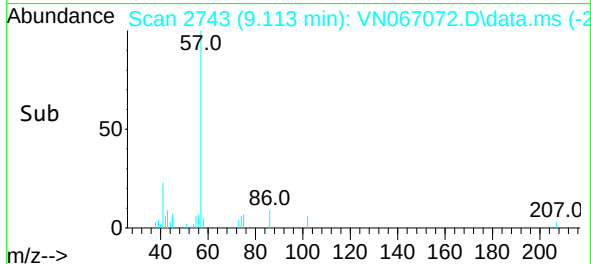
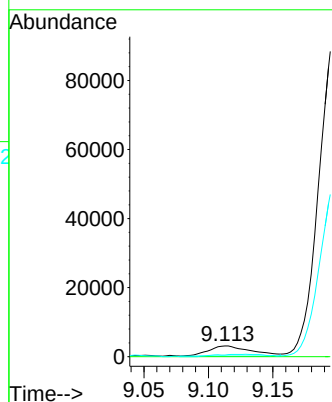
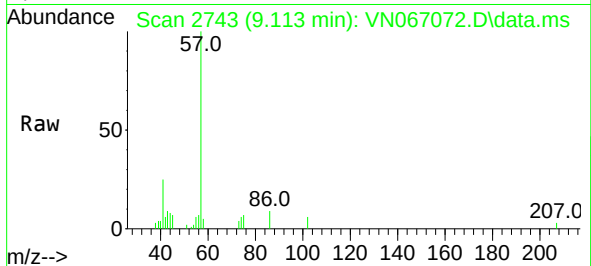




#48
Methyl methacrylate
Concen: 1.55 ug/l
RT: 9.113 min Scan# 2743
Delta R.T. -0.024 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

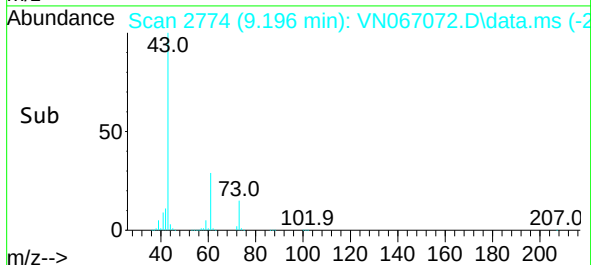
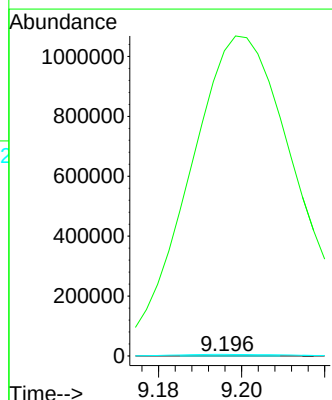
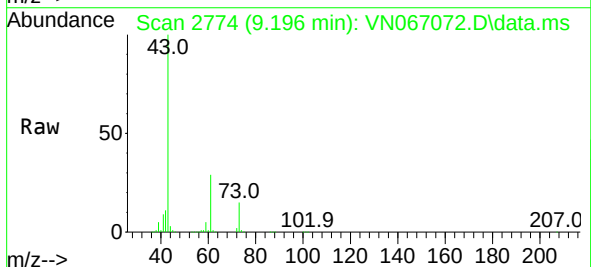
Instrument :
MSVOA_N
ClientSampled :

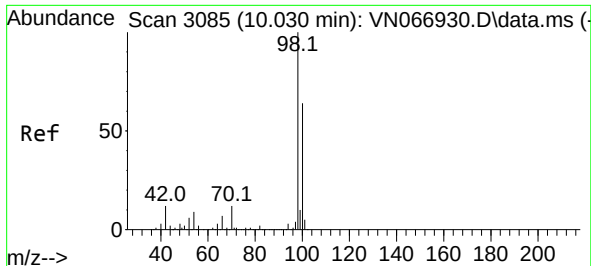
Tgt Ion: 41 Resp: 6784
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#49
1,4-Dioxane
Concen: 2.65 ug/l
RT: 9.196 min Scan# 2774
Delta R.T. 0.059 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
43 1130694.0 24.7 37.1#
58 5844.6 52.6 78.8#

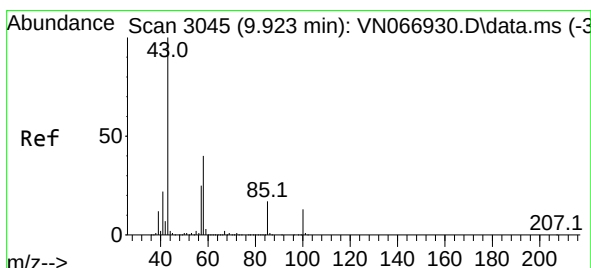
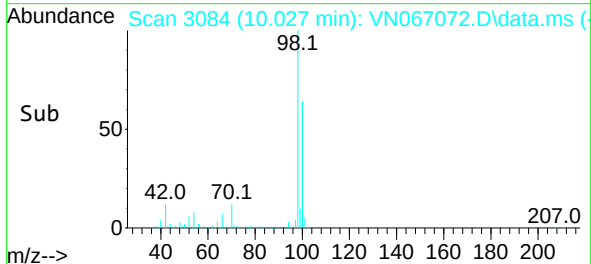
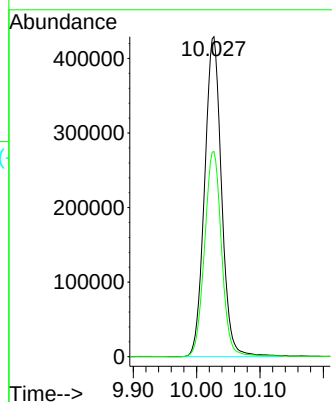
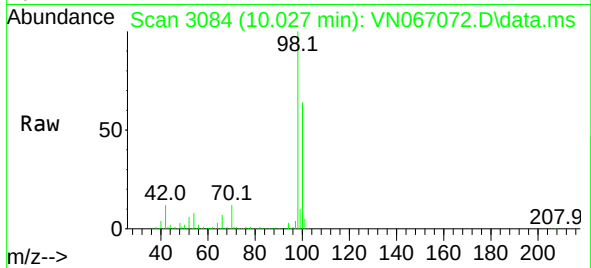




#50
Toluene-d8
Concen: 53.71 ug/l
RT: 10.027 min Scan# 3084
Delta R.T. -0.003 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

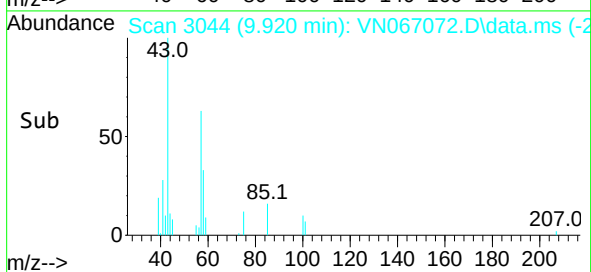
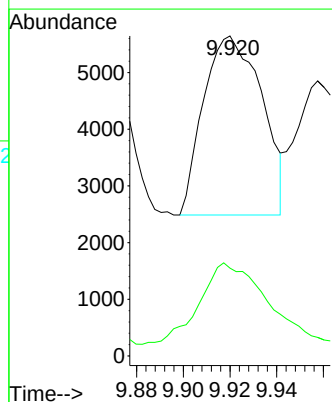
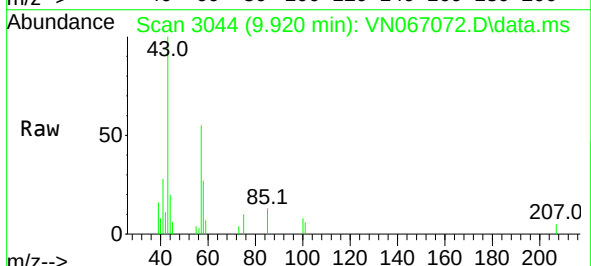
Instrument :
MSVOA_N
ClientSampleId :

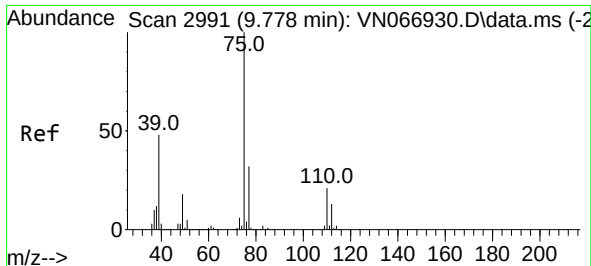
Tgt Ion: 98 Resp: 797827
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.96 ug/l
RT: 9.920 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 43 Resp: 5495
Ion Ratio Lower Upper
43 100
58 62.1 32.5 48.7#

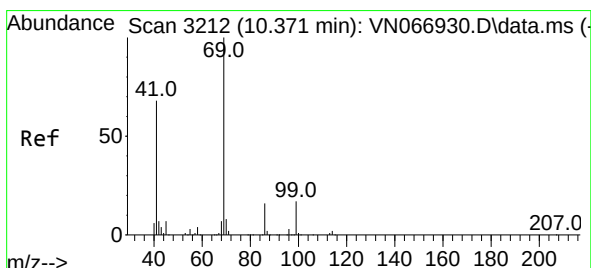
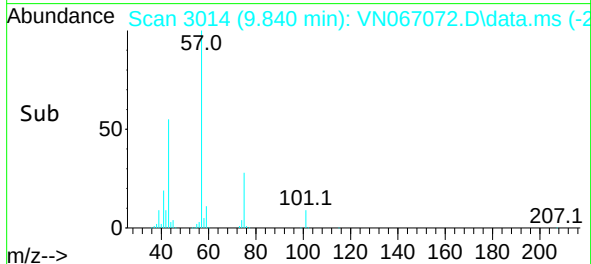
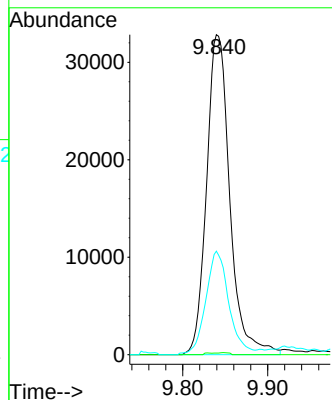
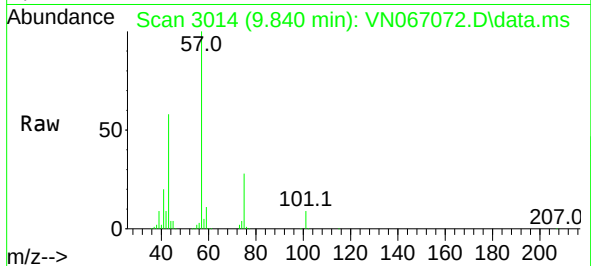




#54
cis-1,3-Dichloropropene
Concen: 7.93 ug/l
RT: 9.840 min Scan# 3014
Delta R.T. 0.062 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

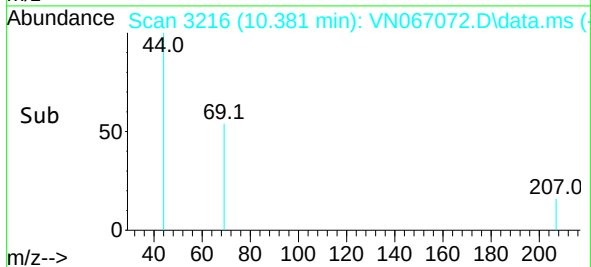
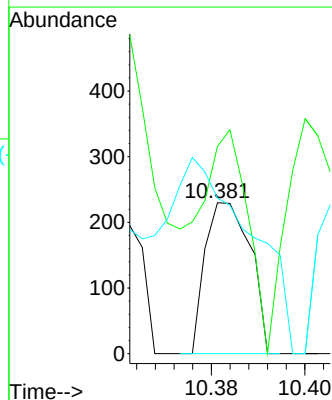
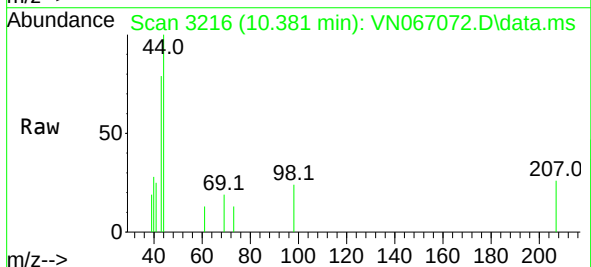
Instrument :
MSVOA_N
ClientSampled :

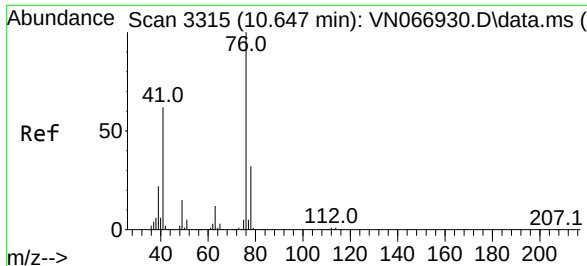
Tgt Ion: 75 Resp: 62419
Ion Ratio Lower Upper
75 100
77 0.5 24.9 37.3#
39 31.8 36.2 54.4#



#56
Ethyl methacrylate
Concen: 5.21 ug/l
RT: 10.381 min Scan# 3216
Delta R.T. 0.010 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 69 Resp: 154
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 227.9 28.0 42.0#

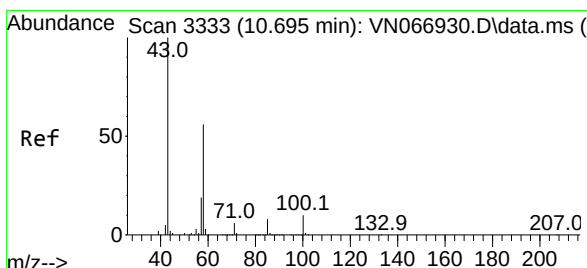
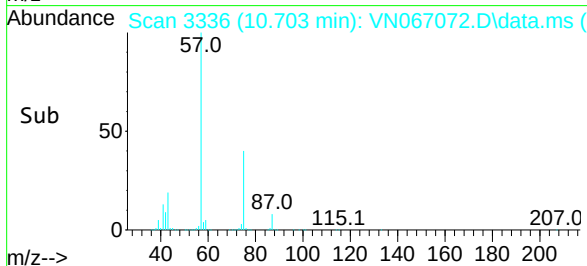
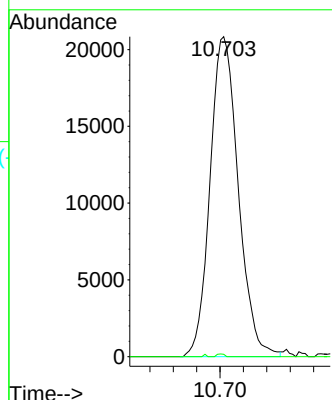
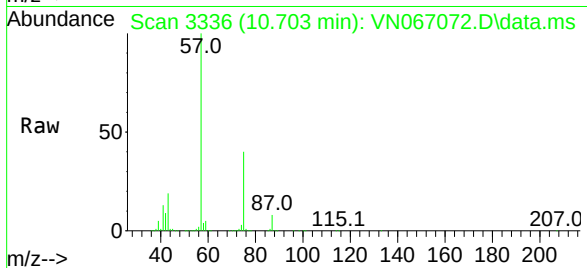




#57
1,3-Dichloropropane
Concen: 4.51 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.056 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

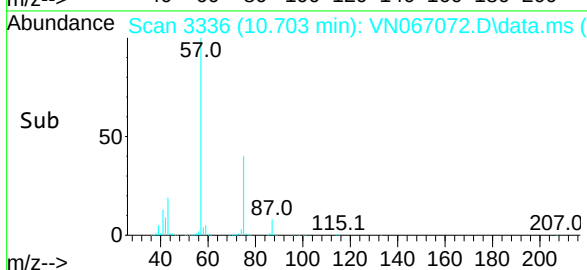
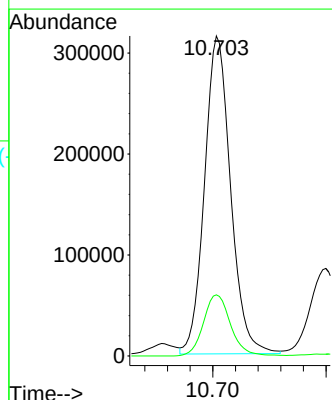
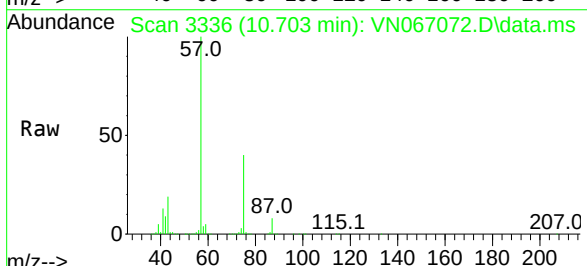
Instrument :
MSVOA_N
ClientSampled :

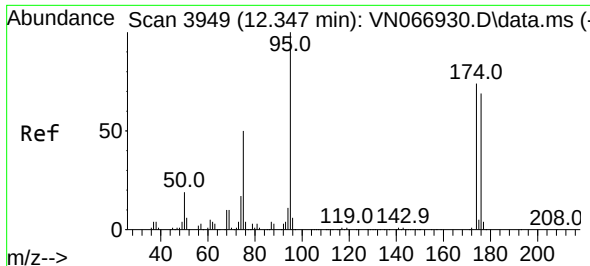
Tgt Ion: 76 Resp: 35034
Ion Ratio Lower Upper
76 100
78 0.2 25.7 38.5#



#59
2-Hexanone
Concen: 135.13 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.008 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 43 Resp: 503431
Ion Ratio Lower Upper
43 100
58 20.1 28.1 84.3#

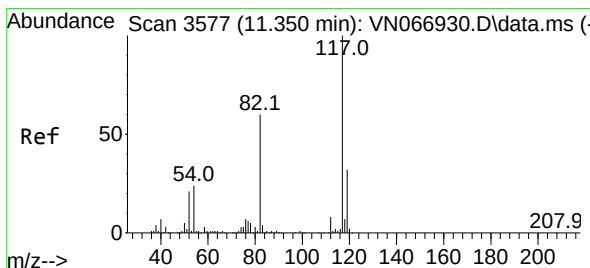
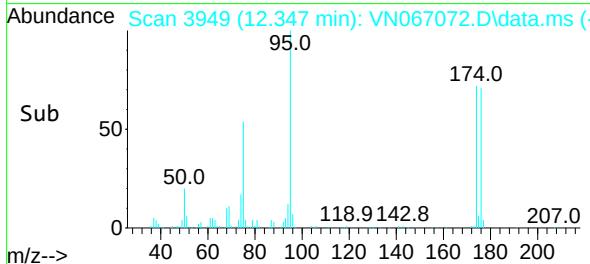
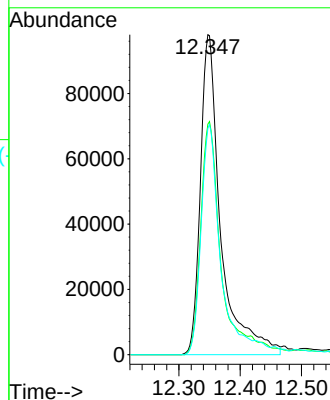
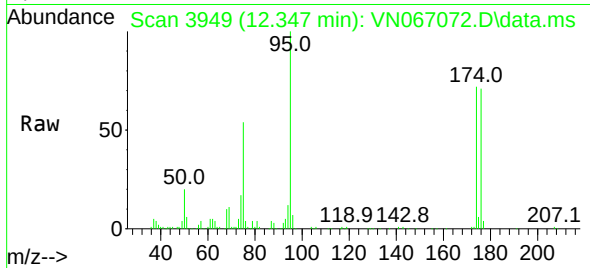




#62
4-Bromofluorobenzene
Concen: 44.95 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

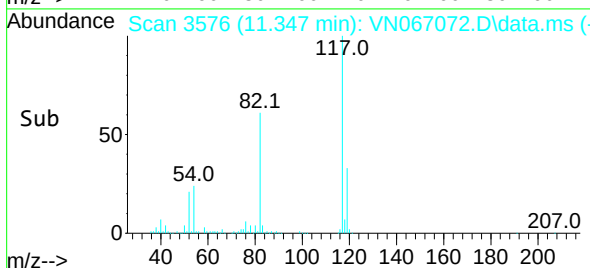
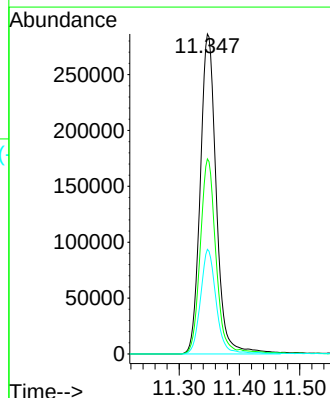
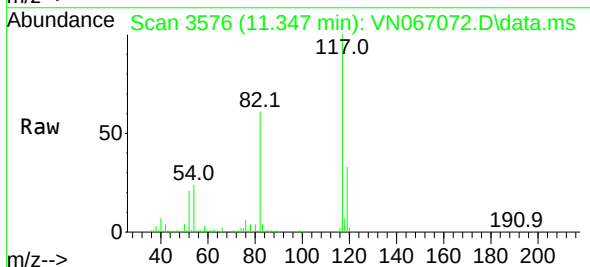
Instrument :
MSVOA_N
ClientSampled :

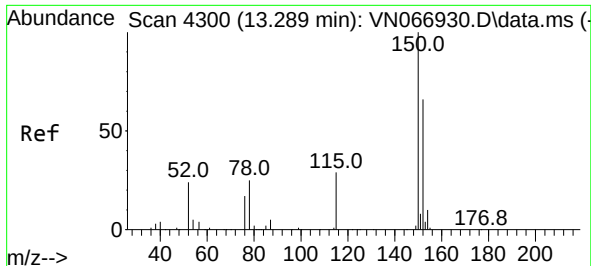
Tgt Ion: 95 Resp: 226064
Ion Ratio Lower Upper
95 100
174 74.0 0.0 169.0
176 69.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3576
Delta R.T. -0.003 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 117 Resp: 529660
Ion Ratio Lower Upper
117 100
82 60.9 43.7 65.5
119 32.7 26.1 39.1

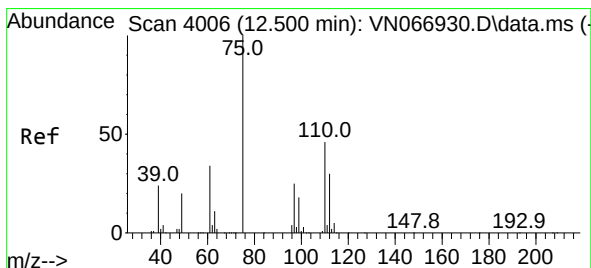
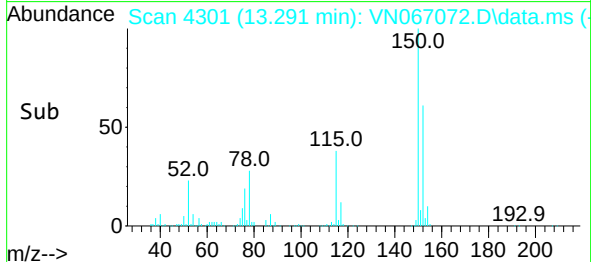
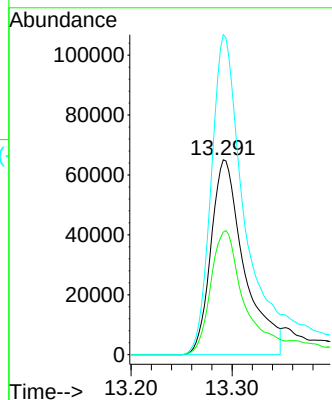
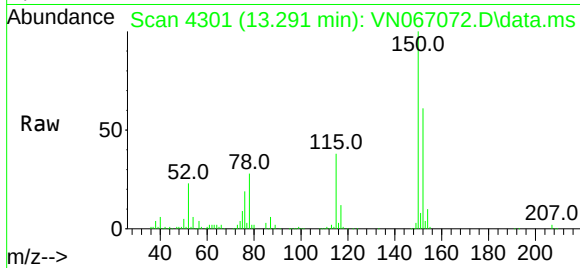




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

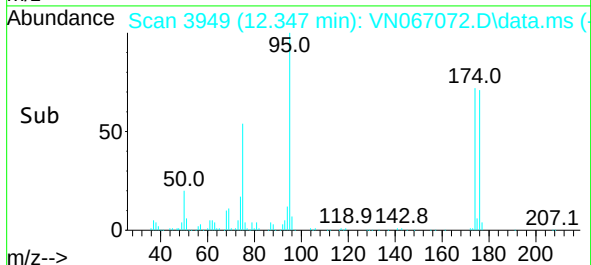
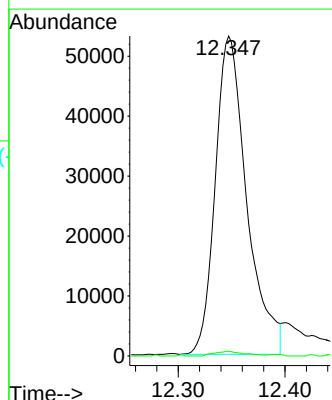
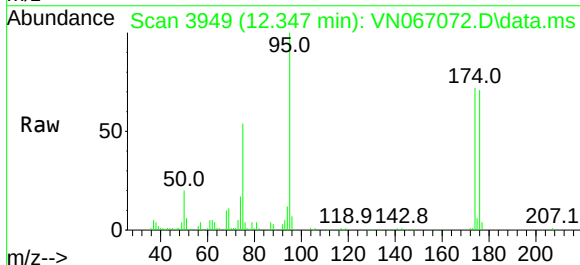
Instrument :
MSVOA_N
ClientSampled :

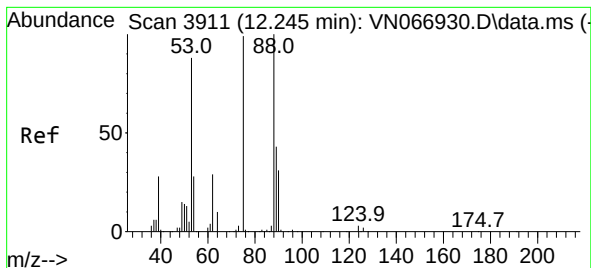
Tgt Ion:152 Resp: 149141
Ion Ratio Lower Upper
152 100
115 64.5 28.5 85.6
150 182.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 30.56 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. -0.153 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

Tgt Ion: 75 Resp: 108579
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

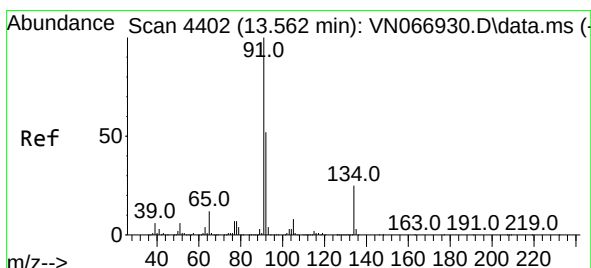
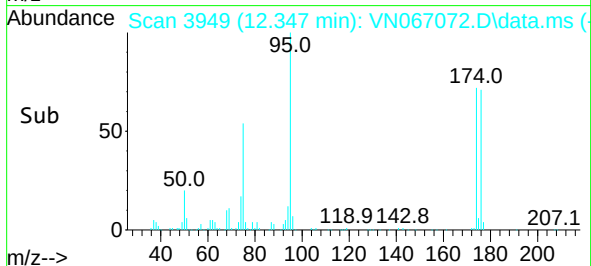
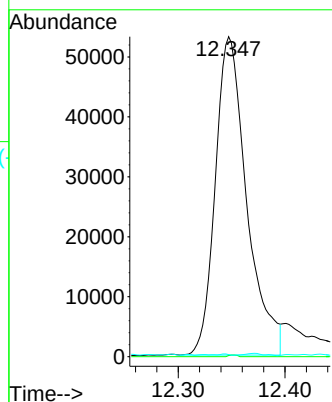
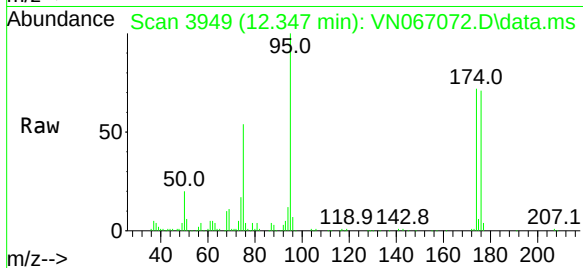




#81
trans-1,4-Dichloro-2-butene
Concen: 90.73 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.102 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

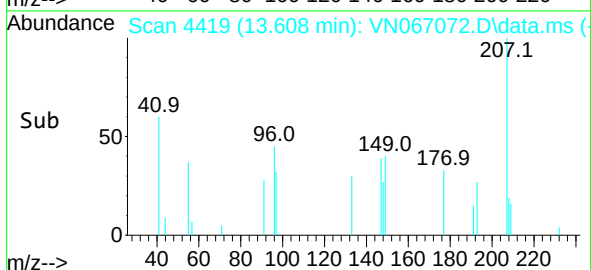
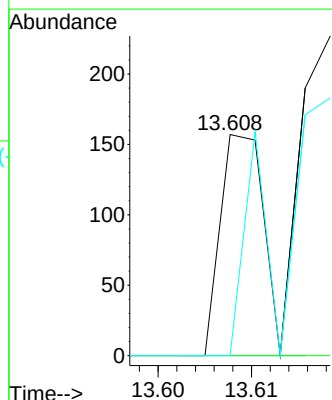
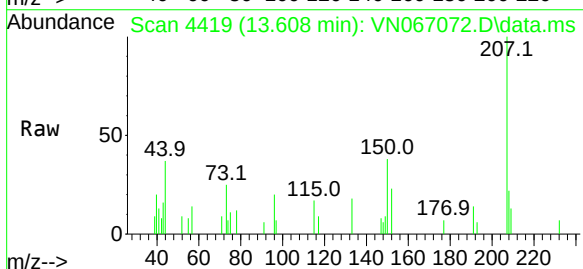
Instrument :
MSVOA_N
ClientSampleId :

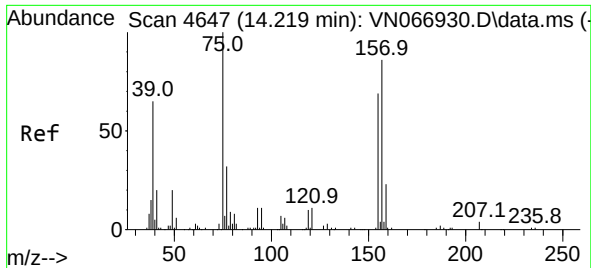
Tgt Ion: 75 Resp: 108579
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.1 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.25 ug/l
RT: 13.608 min Scan# 4419
Delta R.T. 0.046 min
Lab File: VN067072.D
Acq: 10 May 2021 15:25

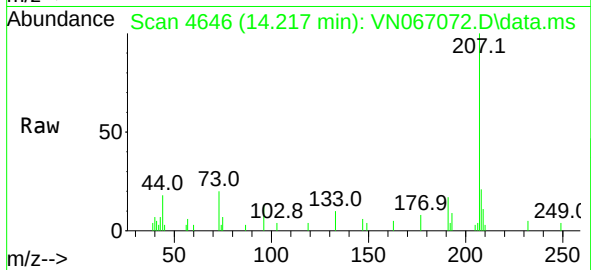
Tgt Ion: 91 Resp: 50
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.44 ug/l
 RT: 14.217 min Scan# 4646
 Delta R.T. -0.002 min
 Lab File: VN067072.D
 Acq: 10 May 2021 15:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75	Resp:	316
Ion Ratio	Lower	Upper
75	100	
155	0.0	44.1 132.4#
157	0.0	56.0 168.2#

