

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066669.D
 Acq On : 19 Apr 2021 17:51
 Operator : JC/MD
 Sample : M2070-08RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 04:58:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

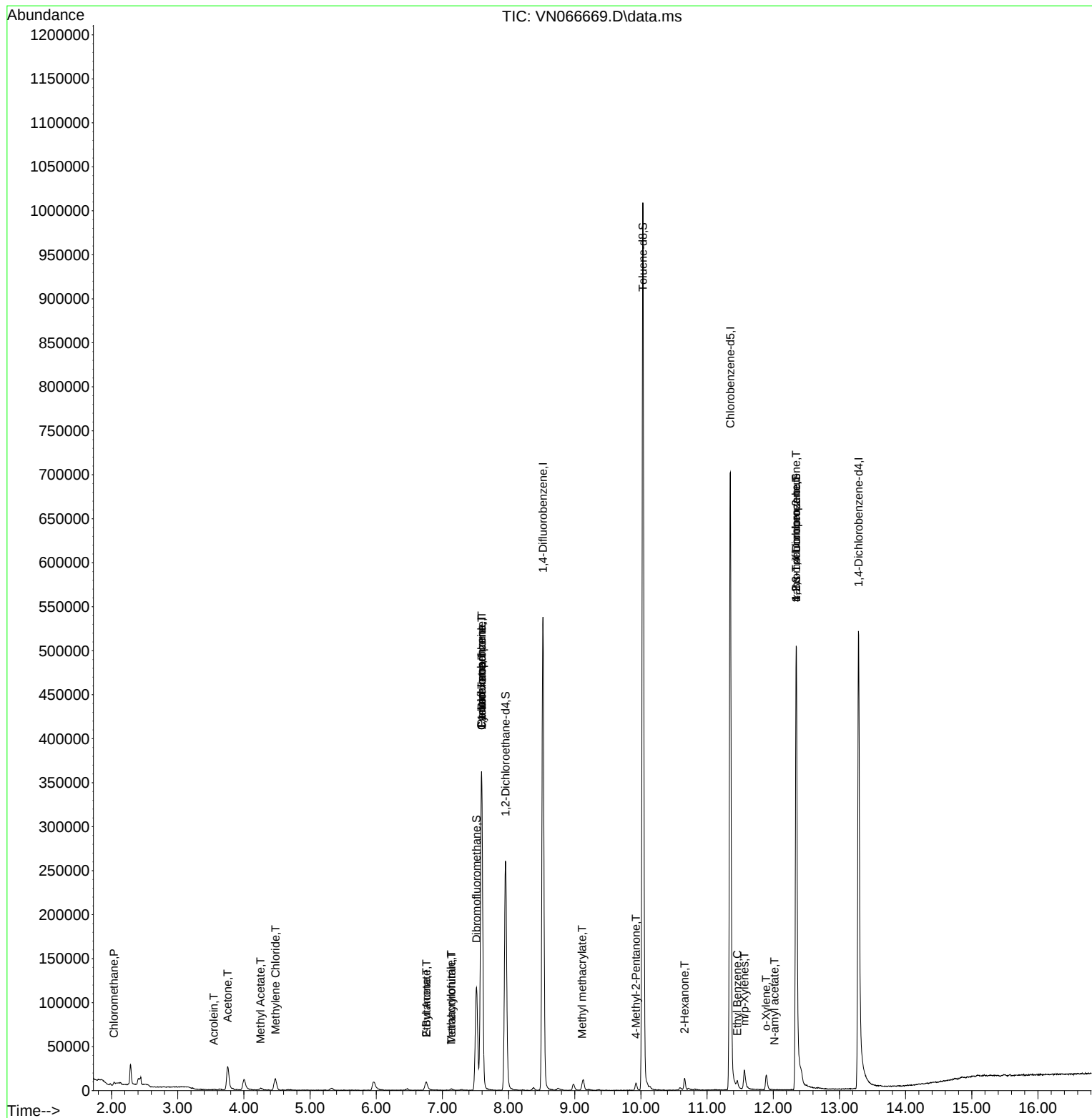
Internal Standards						
1) Pentafluorobenzene	7.591	168	316980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	489969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	430337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	184120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	227811	47.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.28%		
35) Dibromofluoromethane	7.516	113	93628	27.55	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	55.10%#		
50) Toluene-d8	10.029	98	697320	52.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.72%		
62) 4-Bromofluorobenzene	12.346	95	211891	45.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.50%		
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1251	0.22	ug/l	99
13) Acrolein	3.544	56	311	0.76	ug/l #	1
16) Acetone	3.756	43	47688	20.08	ug/l	100
18) Methyl Acetate	4.252	43	3762	0.73	ug/l	94
20) Methylene Chloride	4.477	84	9372	2.07	ug/l	94
25) 2-Butanone	6.757	43	18424	6.54	ug/l #	88
29) Tetrahydrofuran	7.135	42	1301	0.69	ug/l #	47
31) Cyclohexane	7.594	56	6344	0.92	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	23324	4.72	ug/l #	48
37) Ethyl Acetate	6.757	43	18424	3.29	ug/l #	68
38) Carbon Tetrachloride	7.594	117	27518	5.95	ug/l #	17
41) Methacrylonitrile	7.133	41	800	0.31	ug/l #	100
48) Methyl methacrylate	9.112	41	5925	1.41	ug/l #	20
51) 4-Methyl-2-Pentanone	9.924	43	7440	1.35	ug/l	88
59) 2-Hexanone	10.662	43	10307	7.45	ug/l #	23
67) Ethyl Benzene	11.456	91	5720	0.35	ug/l	99
68) m/p-Xylenes	11.563	106	8486	1.43	ug/l	93
69) o-Xylene	11.893	106	6003	1.03	ug/l	95
74) N-amyl acetate	12.016	43	179	9.76	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	105988	24.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	105988	76.05	ug/l #	12

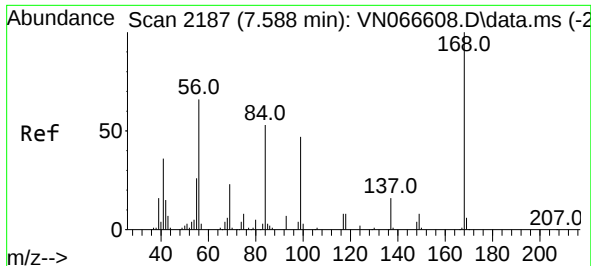
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

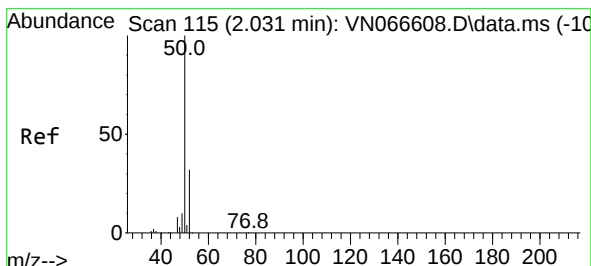
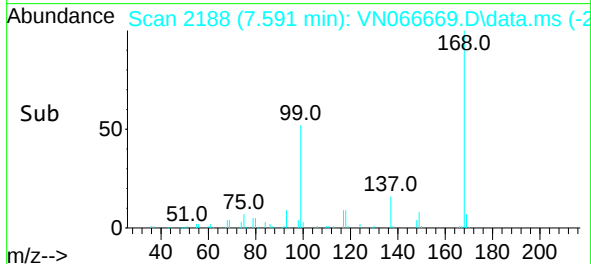
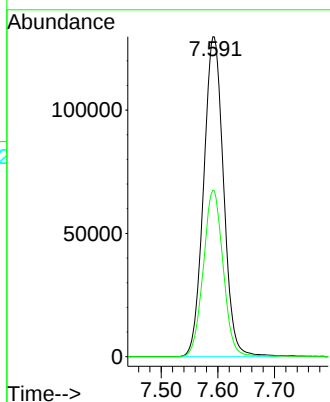
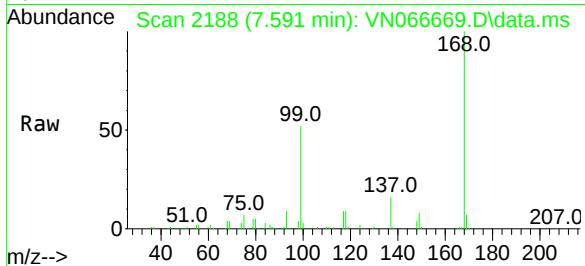




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

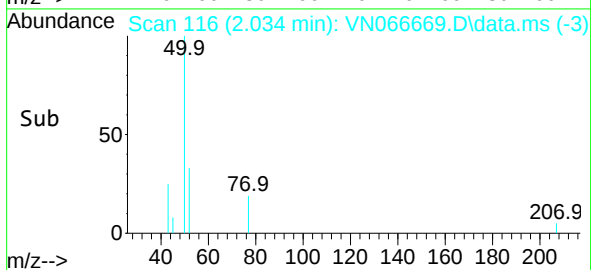
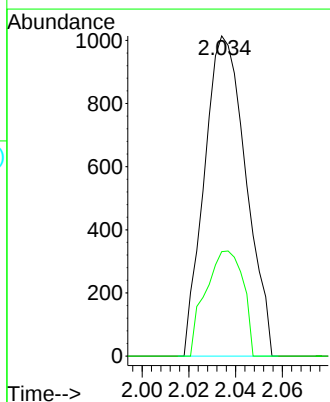
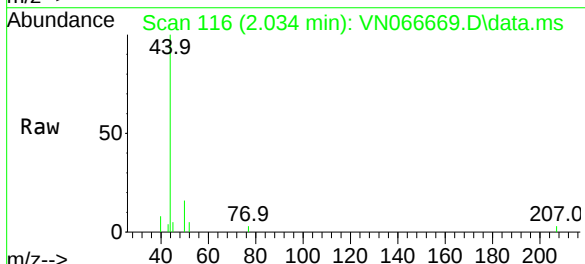
Instrument :
MSVOA_N
ClientSampled :

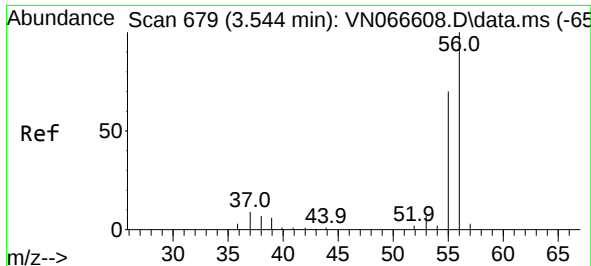
Tgt Ion:168 Resp: 316980
Ion Ratio Lower Upper
168 100
99 52.1 42.6 63.8



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Tgt Ion: 50 Resp: 1251
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.8

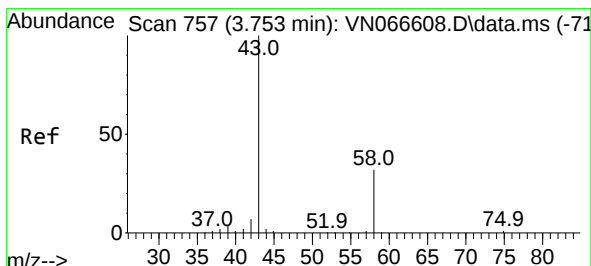
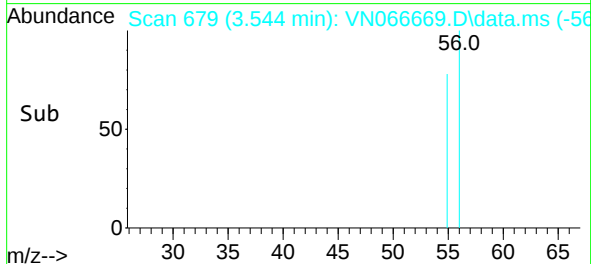
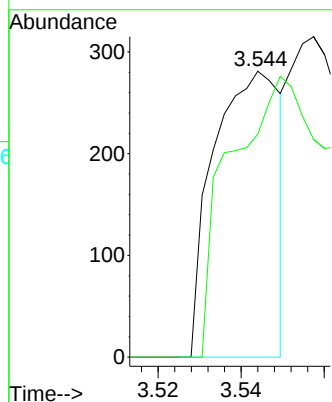
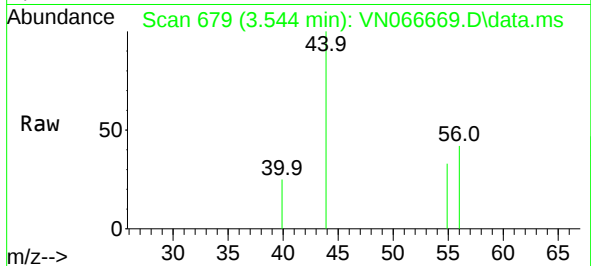




#13
Acrolein
Concen: 0.76 ug/l
RT: 3.544 min Scan# 679
Delta R.T. 0.000 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

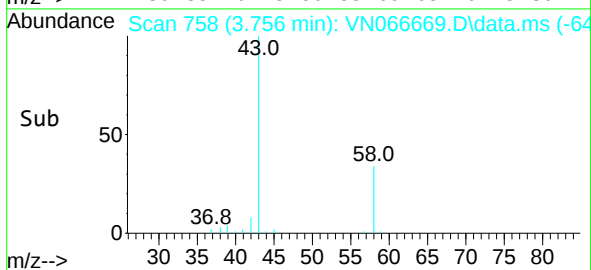
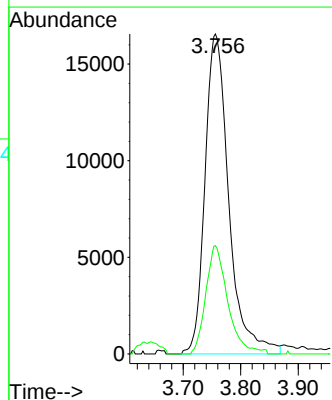
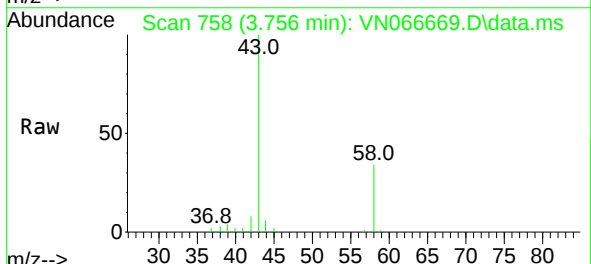
Instrument :
MSVOA_N
ClientSampled :

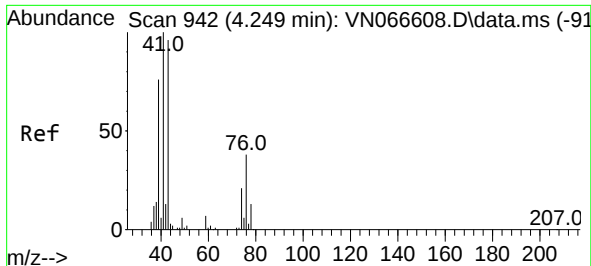
Tgt Ion: 56 Resp: 311
Ion Ratio Lower Upper
56 100
55 177.5 56.0 84.0#



#16
Acetone
Concen: 20.08 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

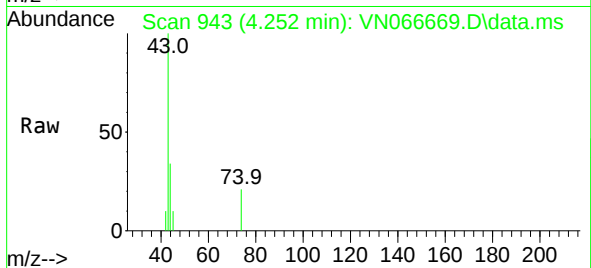
Tgt Ion: 43 Resp: 47688
Ion Ratio Lower Upper
43 100
58 33.9 27.0 40.6



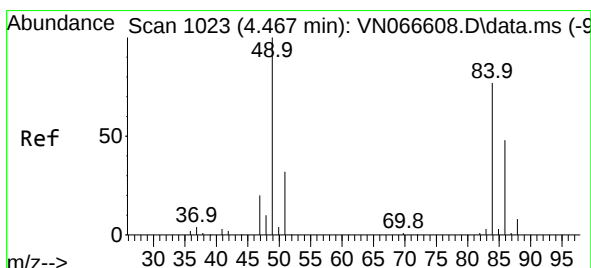
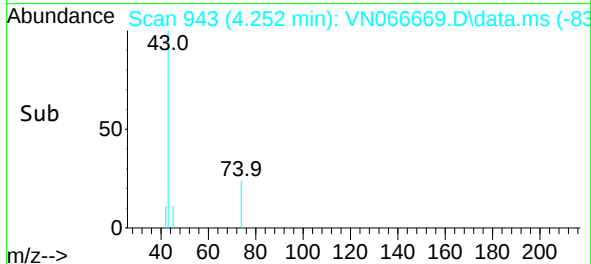
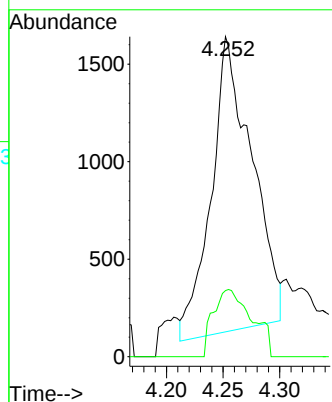


#18
Methyl Acetate
Concen: 0.73 ug/l
RT: 4.252 min Scan# 943
Delta R.T. 0.003 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Instrument :
MSVOA_N
ClientSampled :

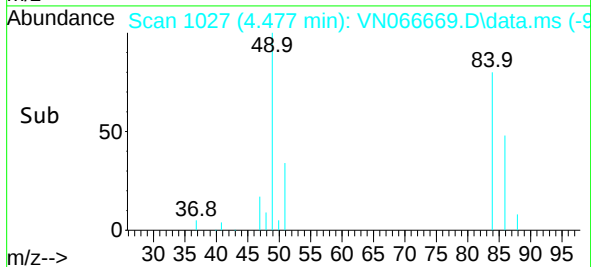
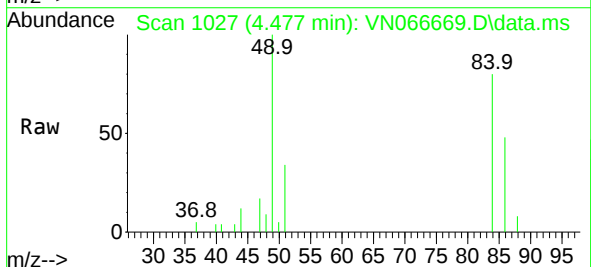
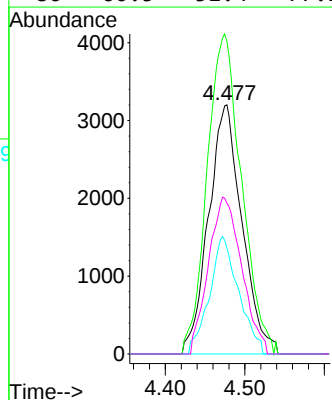


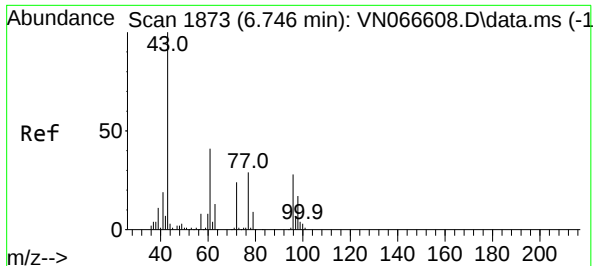
Tgt Ion: 43 Resp: 3762
Ion Ratio Lower Upper
43 100
74 21.7 19.5 29.3



#20
Methylene Chloride
Concen: 2.07 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.010 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Tgt Ion: 84 Resp: 9372
Ion Ratio Lower Upper
84 100
49 125.5 94.6 141.8
51 42.6 29.9 44.9
86 60.5 51.4 77.2





#25

2-Butanone

Concen: 6.54 ug/l

RT: 6.757 min Scan# 1877

Delta R.T. 0.011 min

Lab File: VN066669.D

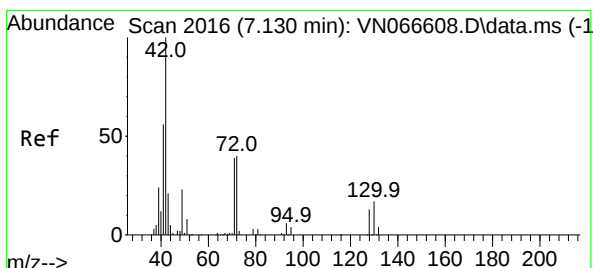
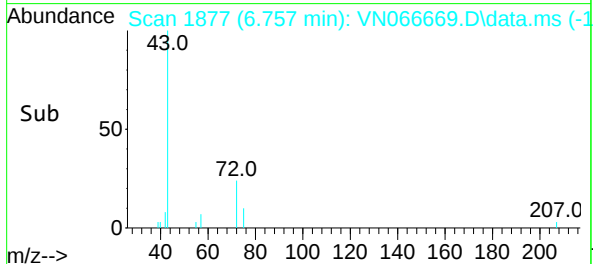
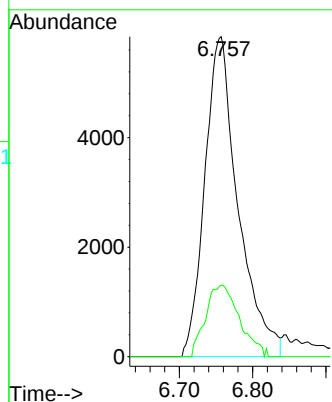
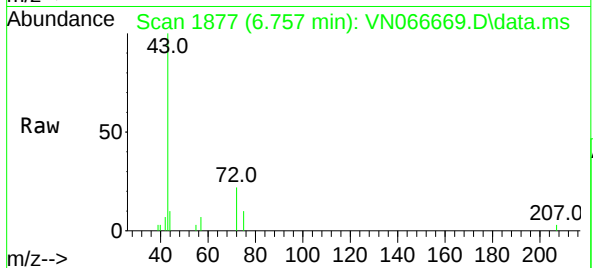
Acq: 19 Apr 2021 17:51

Tgt Ion: 43 Resp: 18424

Ion Ratio Lower Upper

43 100

72 22.4 23.1 34.7#



#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 7.135 min Scan# 2018

Delta R.T. 0.005 min

Lab File: VN066669.D

Acq: 19 Apr 2021 17:51

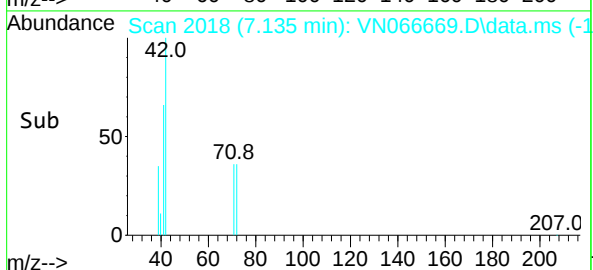
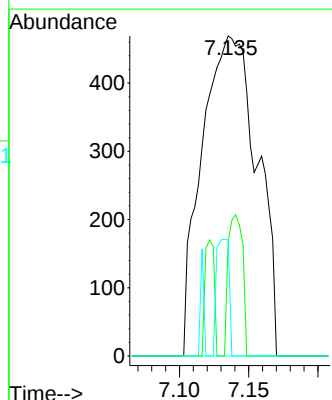
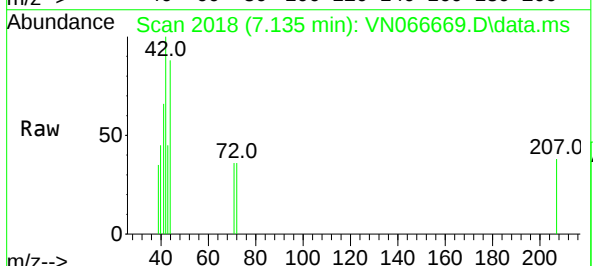
Tgt Ion: 42 Resp: 1301

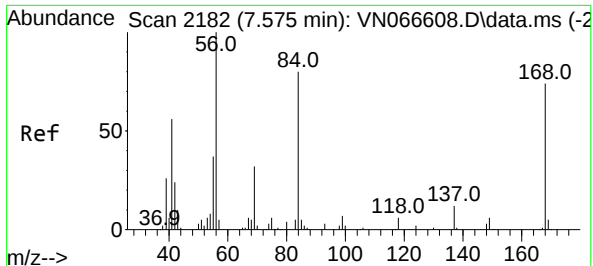
Ion Ratio Lower Upper

42 100

72 11.5 36.6 55.0#

71 8.3 34.3 51.5#

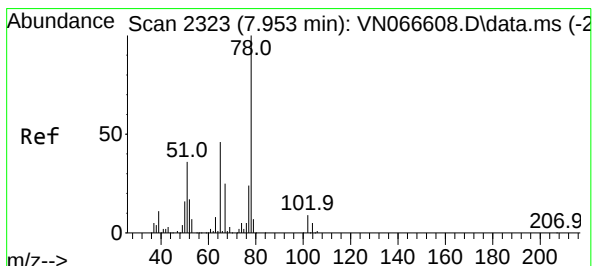
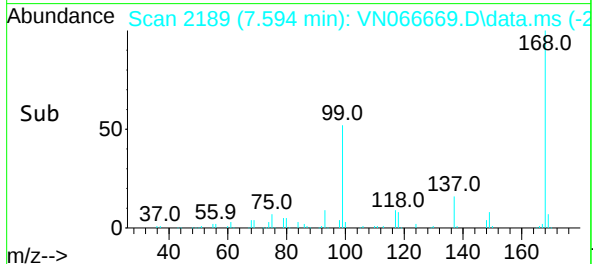
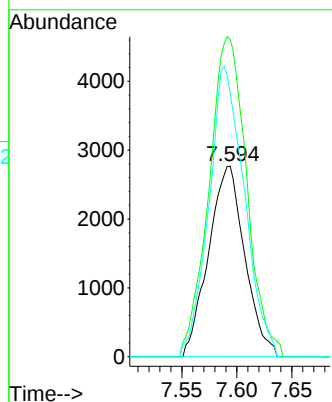
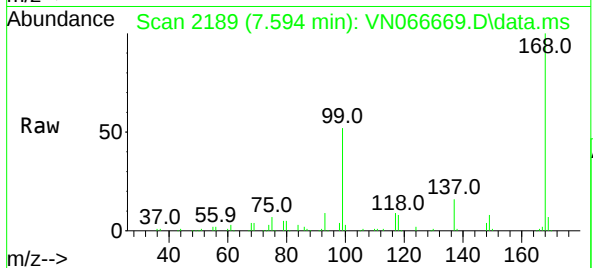




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

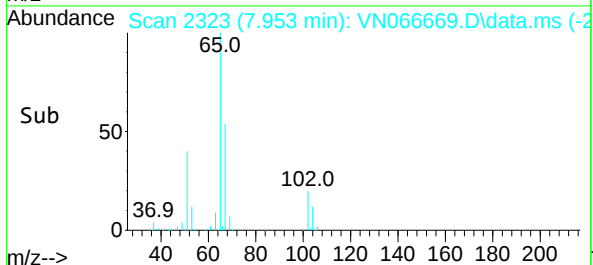
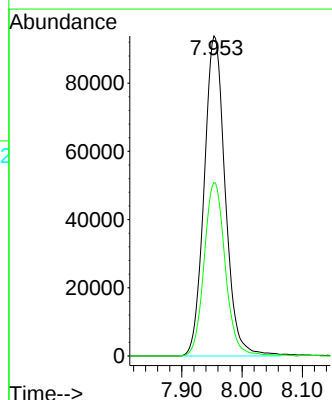
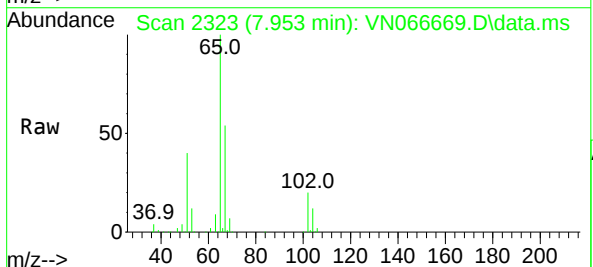
Instrument :
MSVOA_N
ClientSampleId :

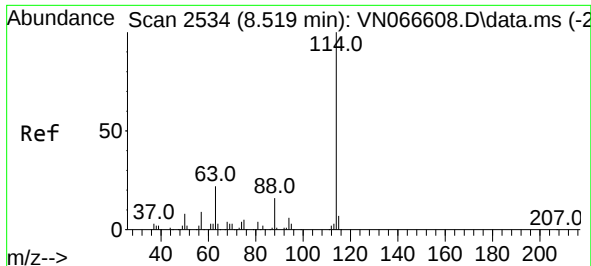
Tgt Ion: 56 Resp: 6344
Ion Ratio Lower Upper
56 100
69 166.5 26.6 39.8#
84 138.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.64 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

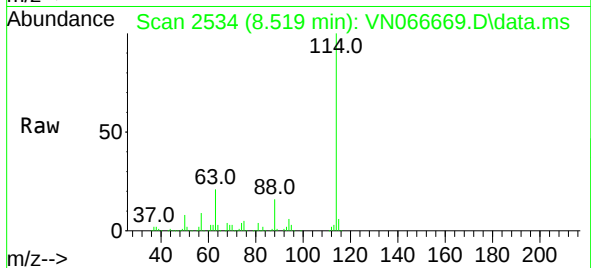
Tgt Ion: 65 Resp: 227811
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2



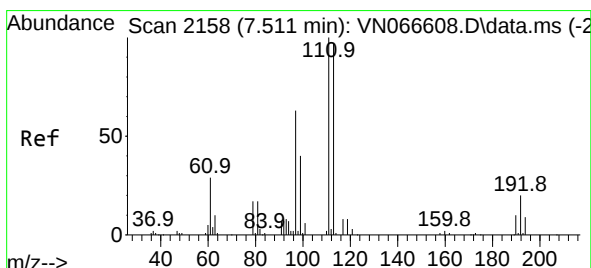
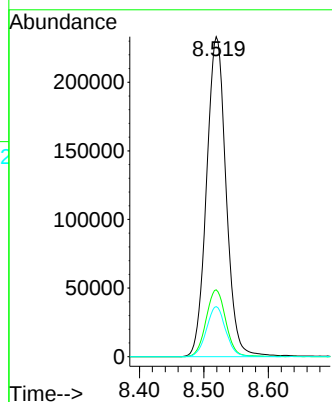
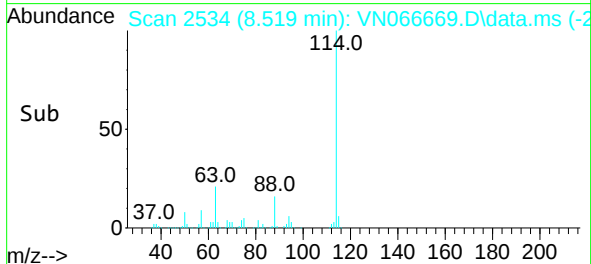


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

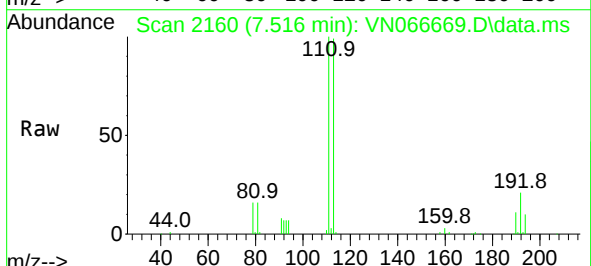
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MSVOA_N
ClientSampleId :



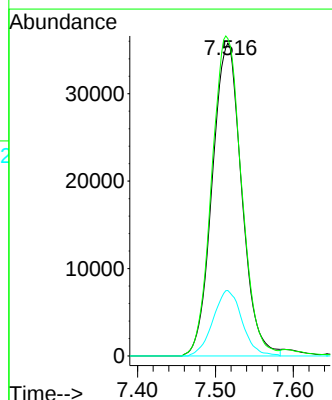
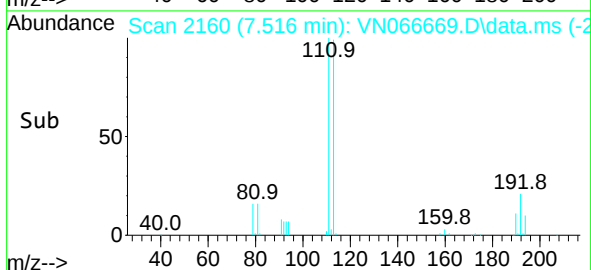
Tgt Ion:114 Resp: 489969
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 15.7 0.0 30.6

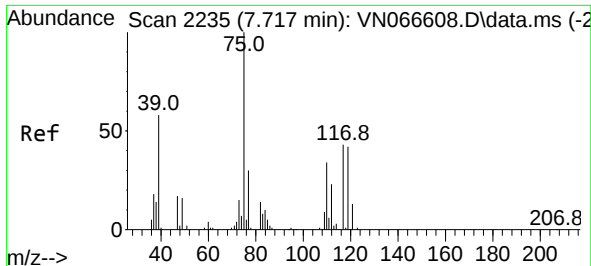


#35
Dibromofluoromethane
Concen: 27.55 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.005 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51



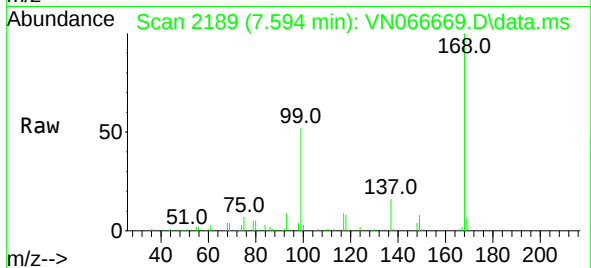
Tgt Ion:113 Resp: 93628
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.8 15.4 23.0



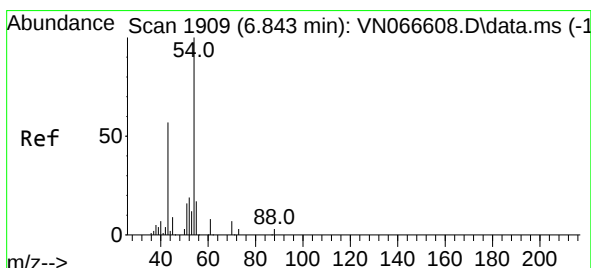
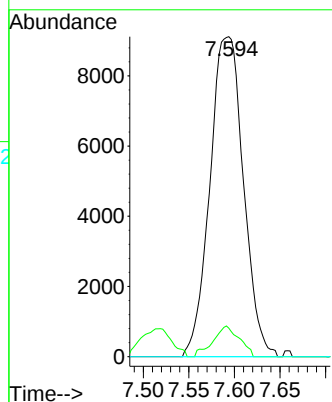
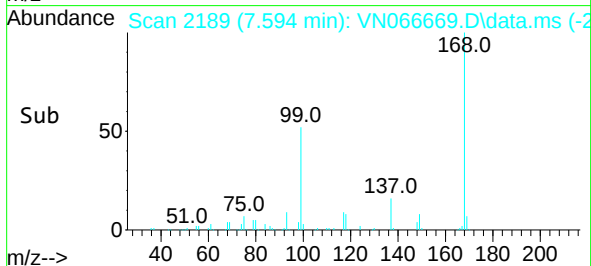


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.123 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

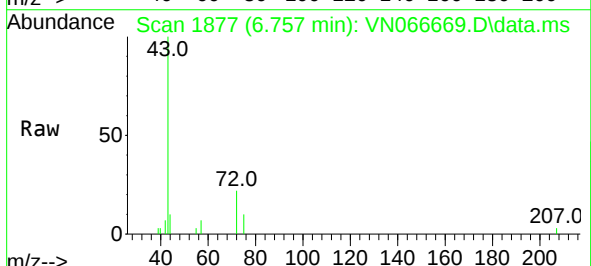
Instrument :
MSVOA_N
ClientSampled :



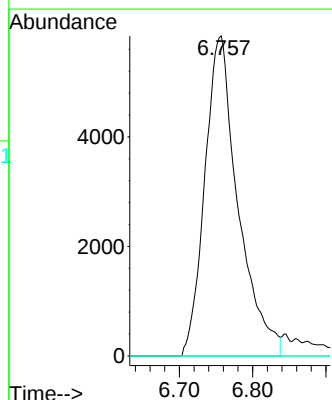
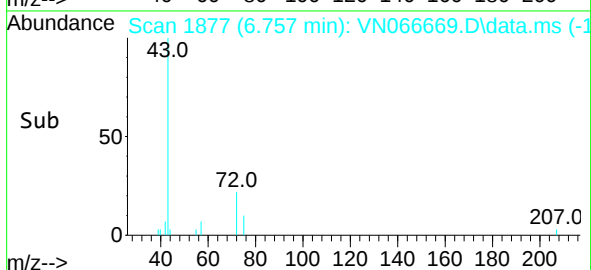
Tgt Ion: 75 Resp: 23324
Ion Ratio Lower Upper
75 100
110 7.5 18.2 54.6#
77 0.0 24.9 37.3#

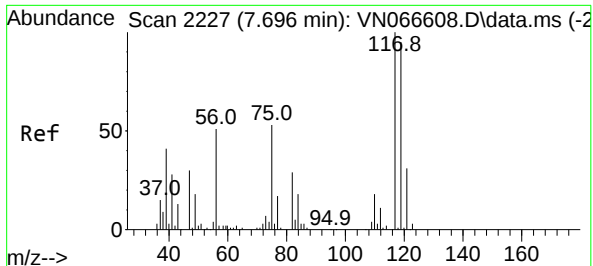


#37
Ethyl Acetate
Concen: 3.29 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. -0.086 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51



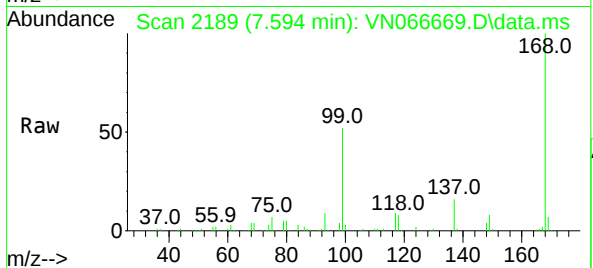
Tgt Ion: 43 Resp: 18424
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



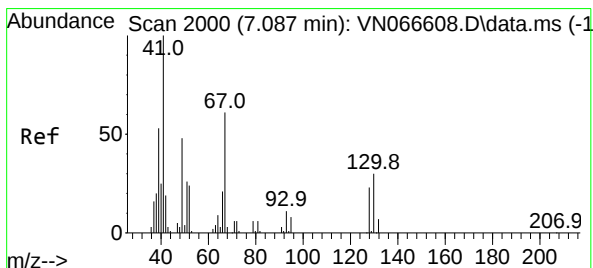
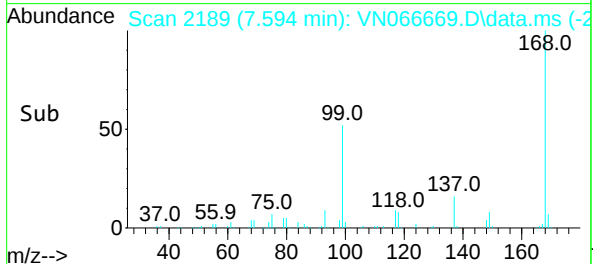
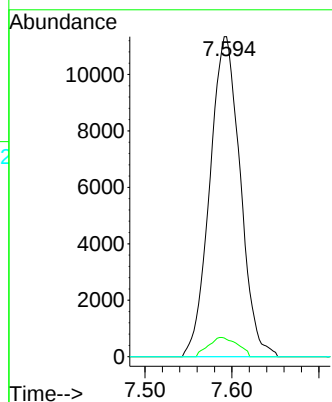


#38
Carbon Tetrachloride
Concen: 5.95 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.102 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

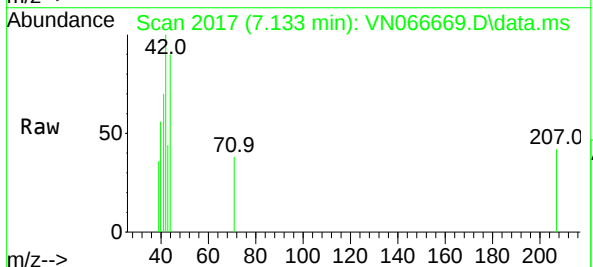
Instrument :
MSVOA_N
ClientSampleId :



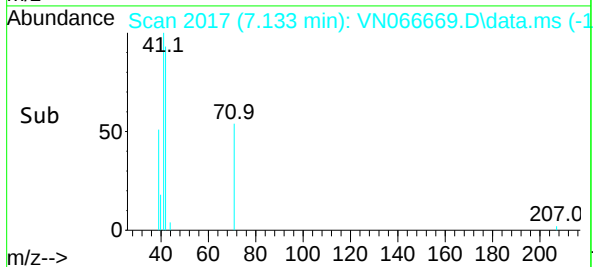
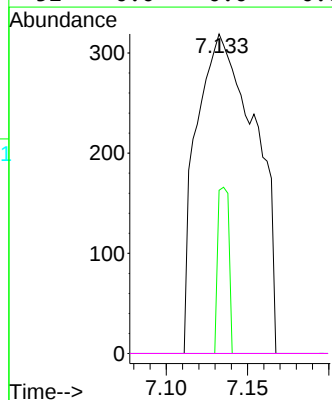
Tgt Ion:117 Resp: 27518
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

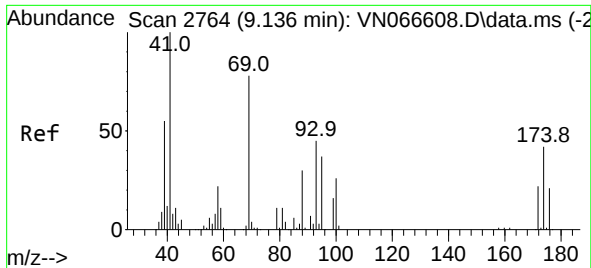


#41
Methacrylonitrile
Concen: 0.31 ug/l
RT: 7.133 min Scan# 2017
Delta R.T. 0.046 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51



Tgt Ion: 41 Resp: 800
Ion Ratio Lower Upper
41 100
39 9.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

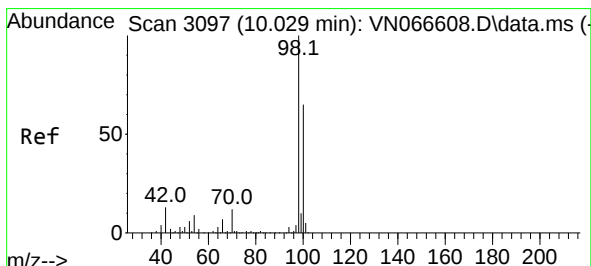
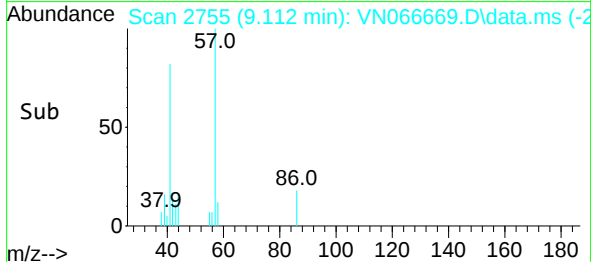
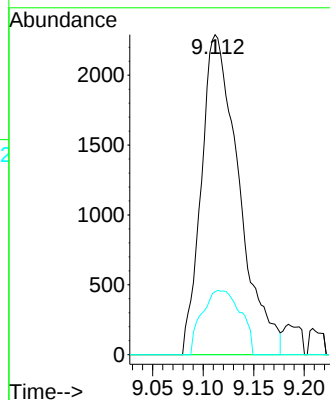
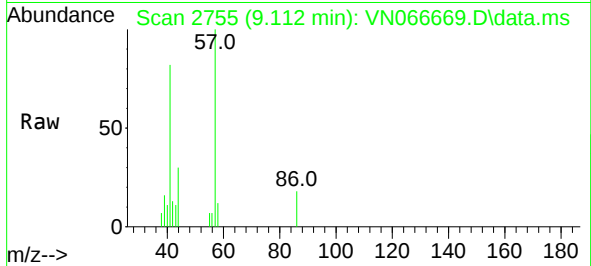




#48
Methyl methacrylate
Concen: 1.41 ug/l
RT: 9.112 min Scan# 2755
Delta R.T. -0.024 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

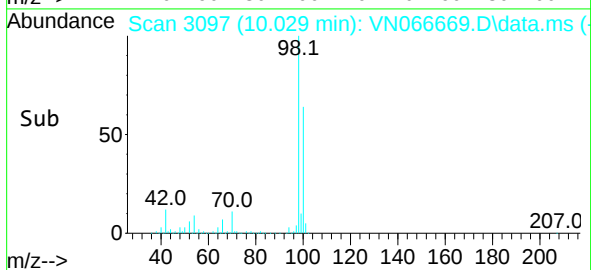
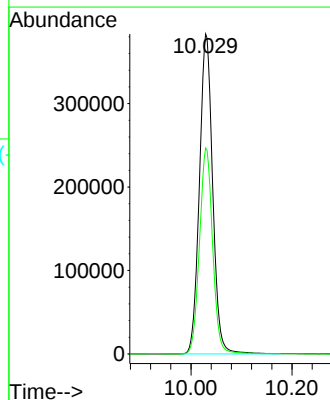
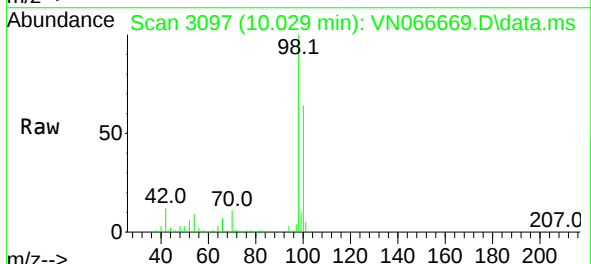
Instrument :
MSVOA_N
ClientSampled :

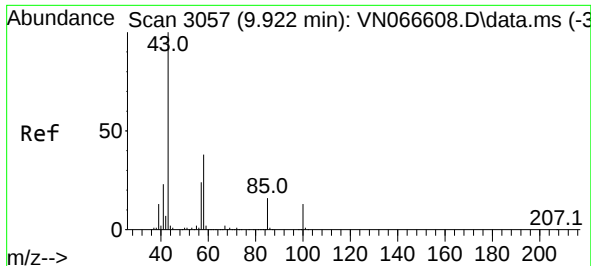
Tgt Ion: 41 Resp: 5925
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 20.5 46.6 69.8#



#50
Toluene-d8
Concen: 52.36 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Tgt Ion: 98 Resp: 697320
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

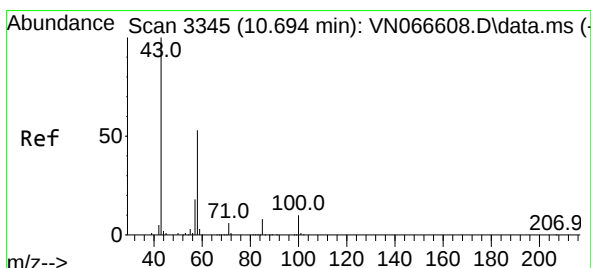
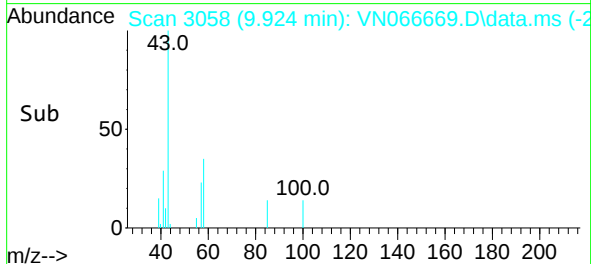
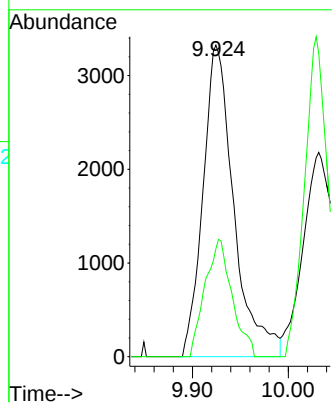
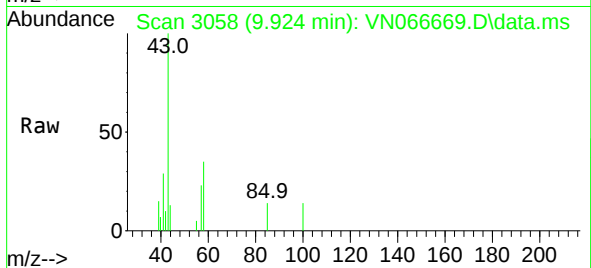




#51
4-Methyl-2-Pentanone
Concen: 1.35 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

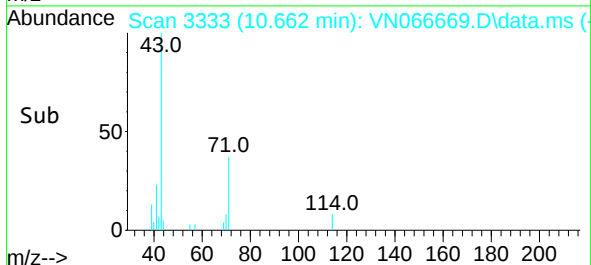
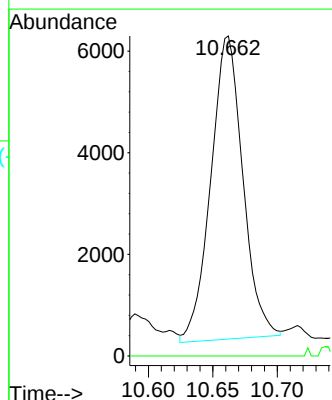
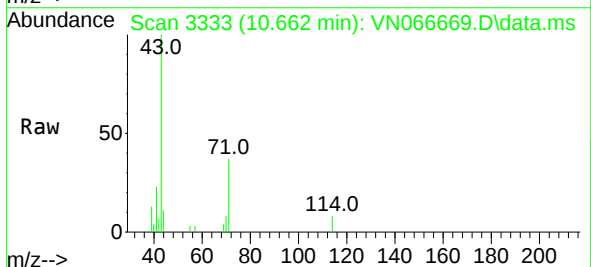
Instrument :
MSVOA_N
ClientSampled :

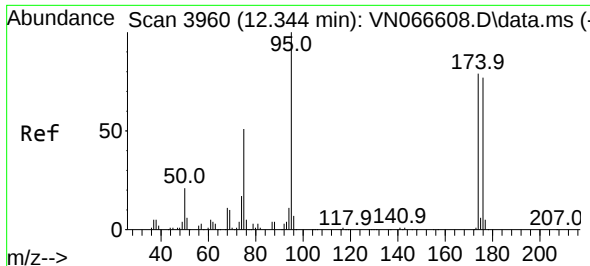
Tgt Ion: 43 Resp: 7440
Ion Ratio Lower Upper
43 100
58 32.9 32.5 48.7



#59
2-Hexanone
Concen: 7.45 ug/l
RT: 10.662 min Scan# 3333
Delta R.T. -0.032 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Tgt Ion: 43 Resp: 10307
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

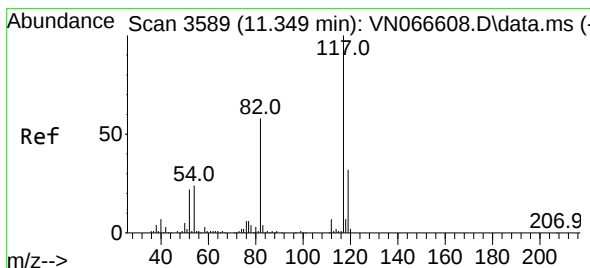
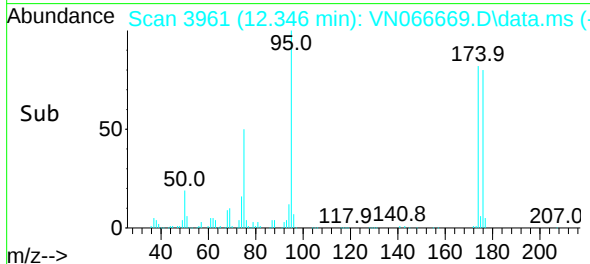
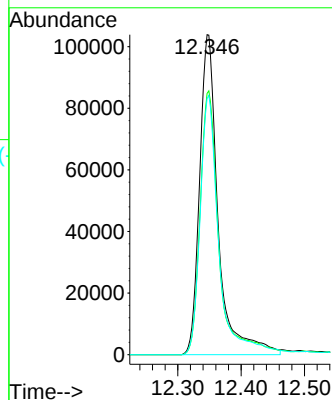
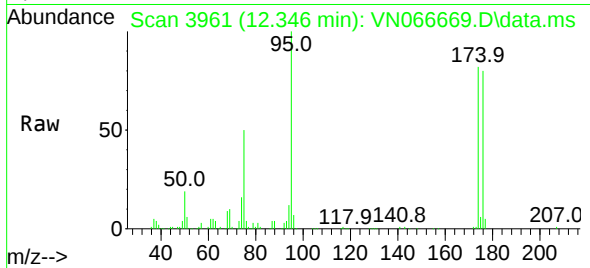




#62
4-Bromofluorobenzene
Concen: 45.25 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

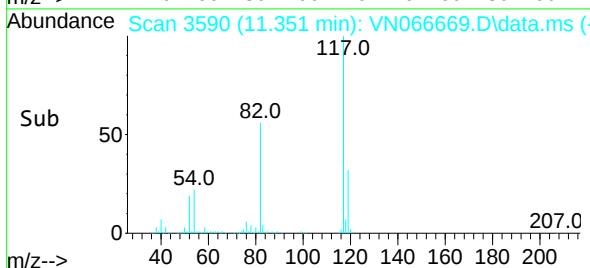
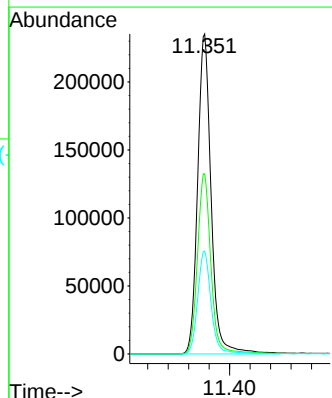
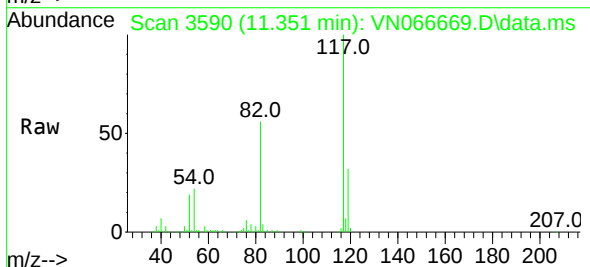
Instrument :
MSVOA_N
ClientSampled :

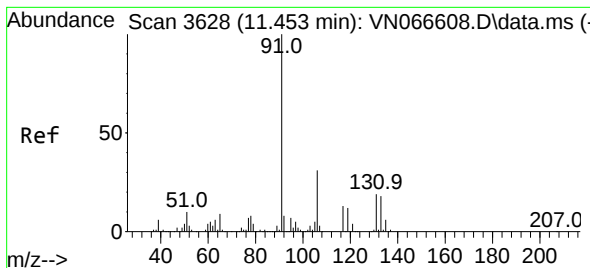
Tgt Ion: 95 Resp: 211891
Ion Ratio Lower Upper
95 100
174 84.1 0.0 169.0
176 81.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.002 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Tgt Ion: 117 Resp: 430337
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 32.1 26.1 39.1

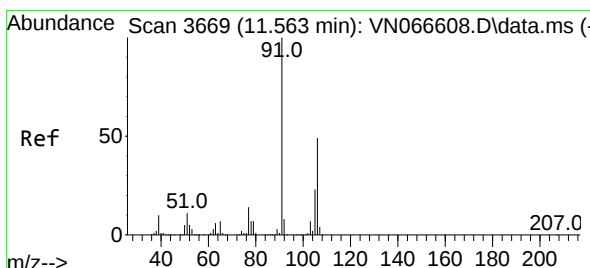
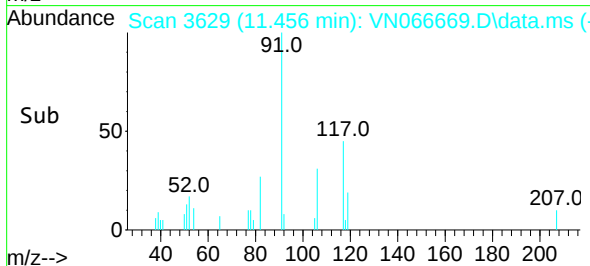
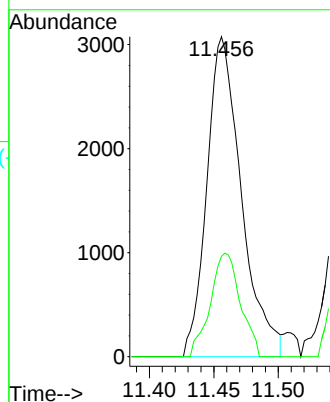
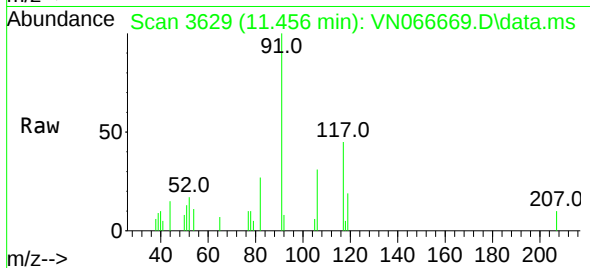




#67
Ethyl Benzene
Concen: 0.35 ug/l
RT: 11.456 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

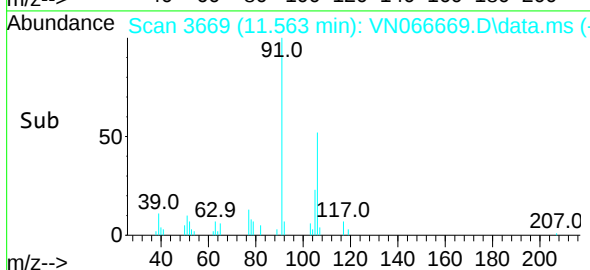
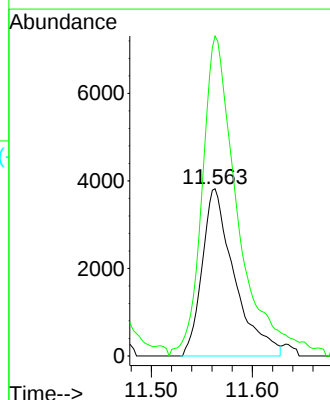
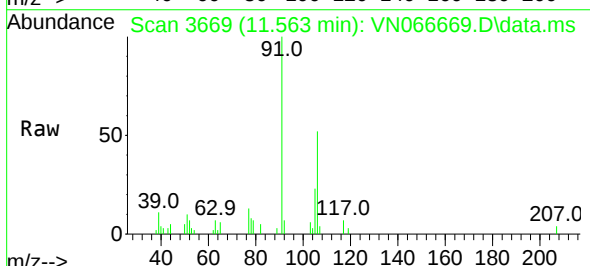
Instrument :
MSVOA_N
ClientSampled :

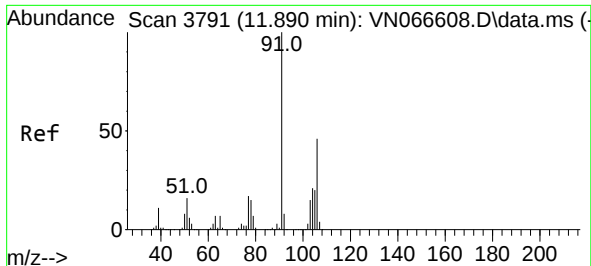
Tgt Ion: 91 Resp: 5720
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 1.43 ug/l
RT: 11.563 min Scan# 3669
Delta R.T. 0.000 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Tgt Ion:106 Resp: 8486
Ion Ratio Lower Upper
106 100
91 211.6 161.4 242.0

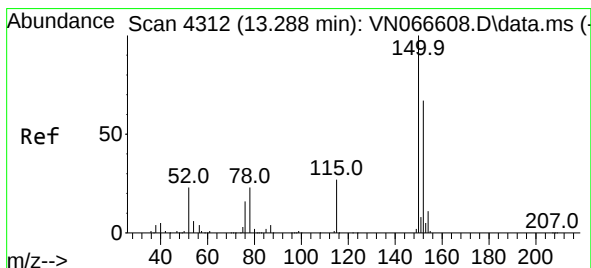
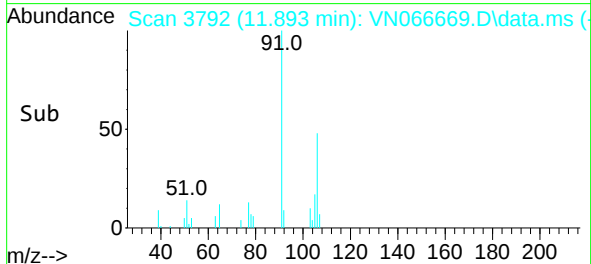
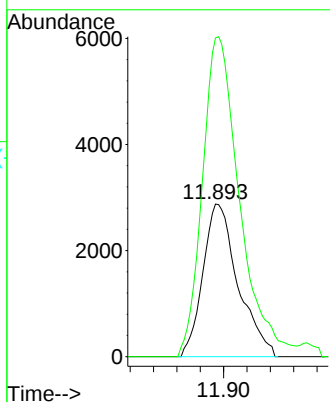
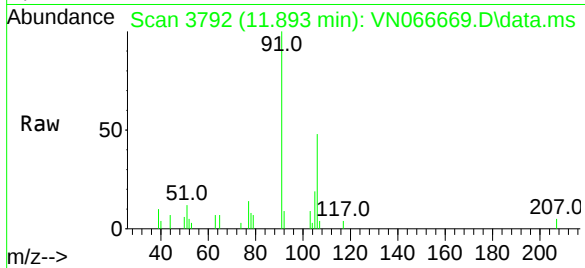




#69
o-Xylene
Concen: 1.03 ug/l
RT: 11.893 min Scan# 3792
Delta R.T. 0.003 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

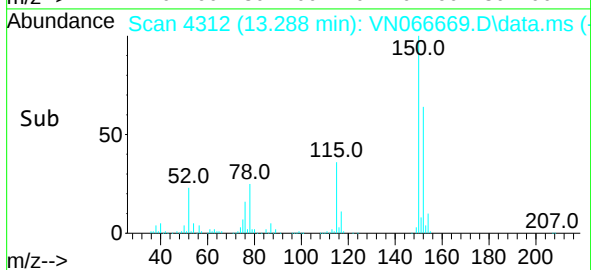
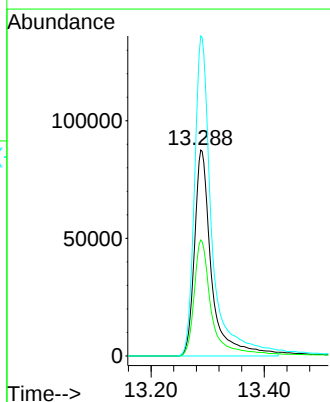
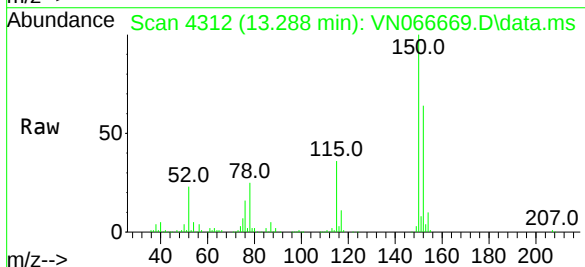
Instrument :
MSVOA_N
ClientSampled :

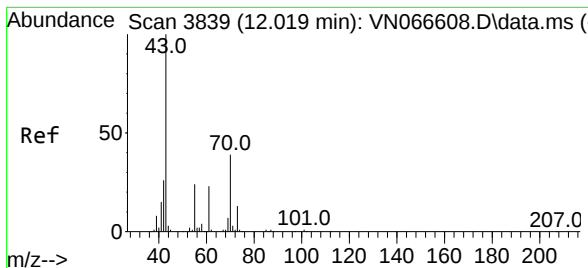
Tgt Ion:106 Resp: 6003
Ion Ratio Lower Upper
106 100
91 221.9 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

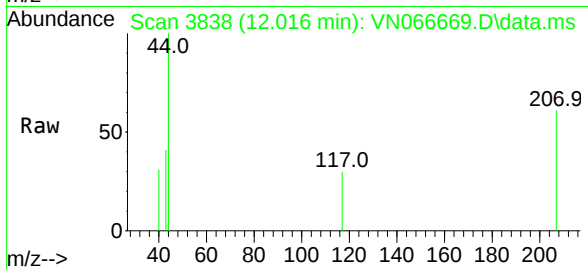
Tgt Ion:152 Resp: 184120
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.6
150 156.9 0.0 347.6





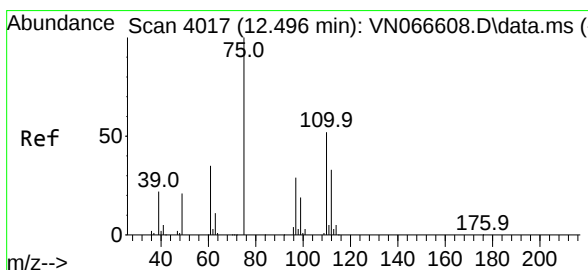
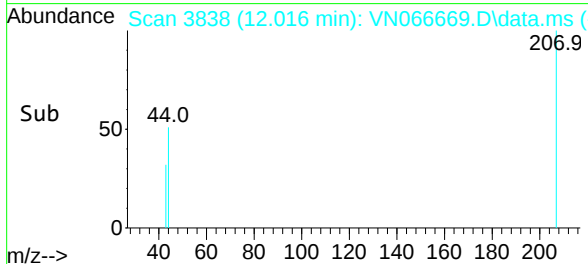
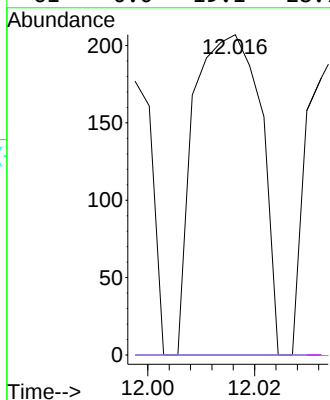
#74
N-amy1 acetate
Concen: 9.76 ug/l
RT: 12.016 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 179

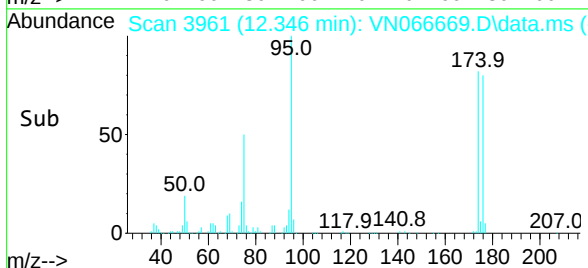
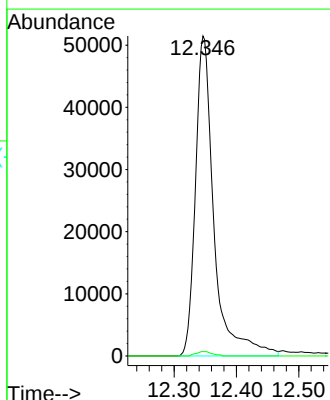
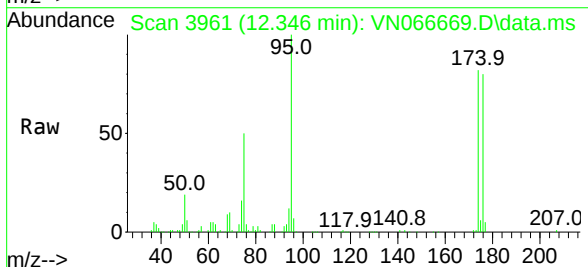
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.4	51.6#
55	0.0	20.7	31.1#
61	0.0	19.1	28.7#

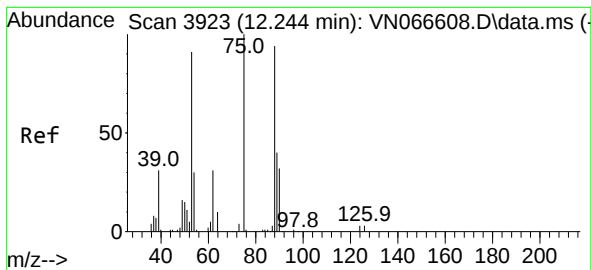


#76
1,2,3-Trichloropropane
Concen: 24.62 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066669.D
Acq: 19 Apr 2021 17:51

Tgt Ion: 75 Resp: 105988

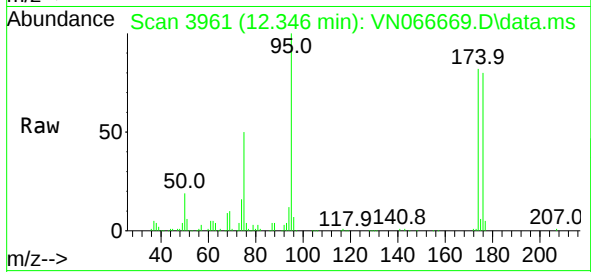
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.05 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066669.D
 Acq: 19 Apr 2021 17:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 105988
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.6 111.8#
 89 0.0 35.8 53.8#

