

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066666.D
 Acq On : 19 Apr 2021 16:40
 Operator : JC/MD
 Sample : M2075-29
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 04:57:49 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)

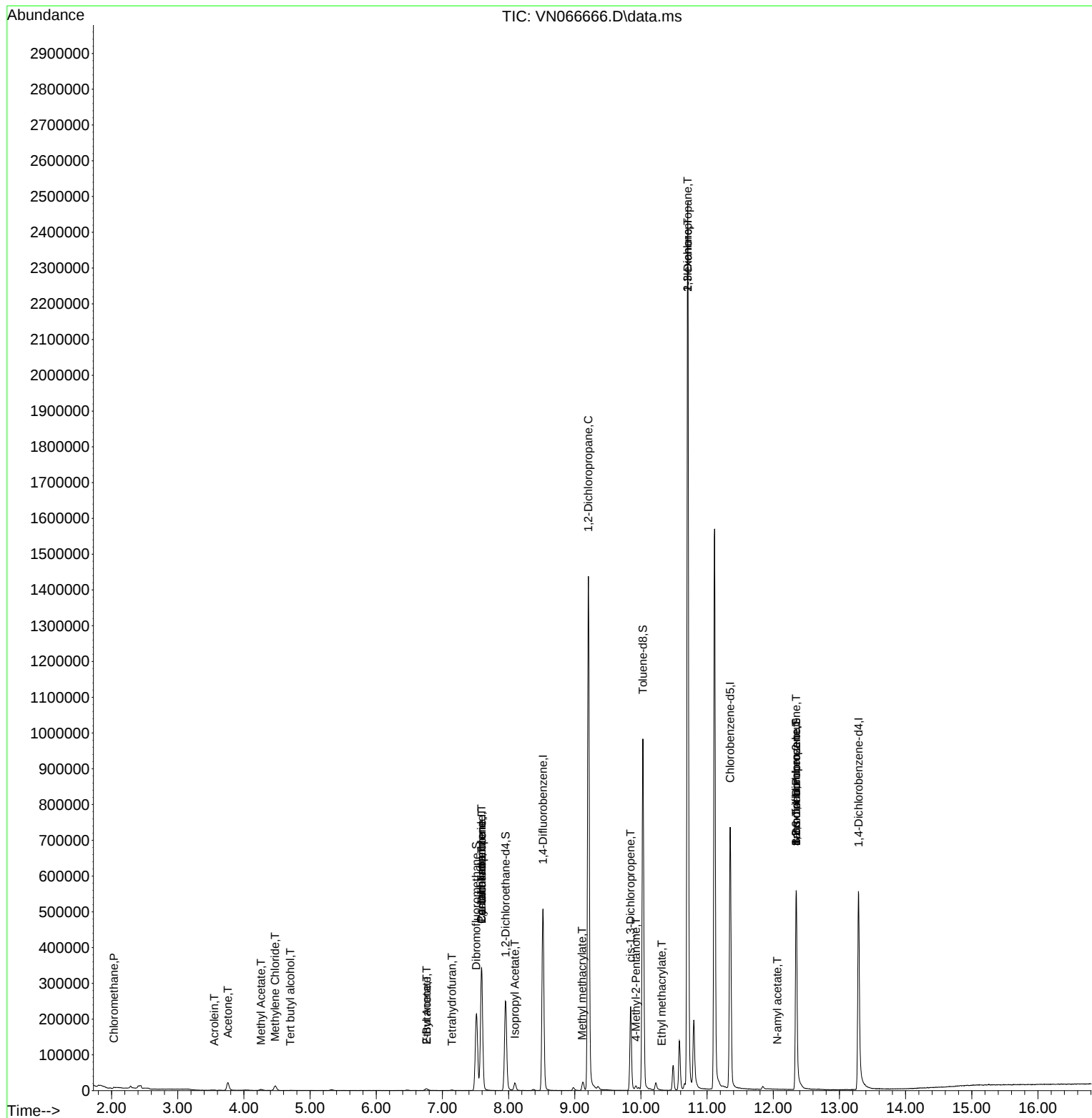
Internal Standards						
1) Pentafluorobenzene	7.594	168	292902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	461478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	440957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	183125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	214334	48.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.02%		
35) Dibromofluoromethane	7.513	113	172181	53.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.60%		
50) Toluene-d8	10.029	98	679201	54.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.30%		
62) 4-Bromofluorobenzene	12.346	95	216659	49.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.24%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.034	50	1317	0.25	ug/l #	86
11) Tert butyl alcohol	4.702	59	242	0.34	ug/l #	73
13) Acrolein	3.552	56	645	1.71	ug/l #	76
16) Acetone	3.758	43	37870	16.02	ug/l	95
18) Methyl Acetate	4.260	43	6429	1.35	ug/l #	85
20) Methylene Chloride	4.469	84	9362	2.24	ug/l	95
25) 2-Butanone	6.762	43	11128	4.27	ug/l	90
29) Tetrahydrofuran	7.143	42	701	0.40	ug/l #	46
31) Cyclohexane	7.591	56	5776	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	21391	4.60	ug/l #	48
37) Ethyl Acetate	6.762	43	11128	2.11	ug/l #	68
38) Carbon Tetrachloride	7.591	117	25852	5.93	ug/l #	18
43) Isopropyl Acetate	8.095	43	26599	3.02	ug/l #	82
45) 1,2-Dichloropropane	9.205	63	1637	0.39	ug/l #	44
48) Methyl methacrylate	9.112	41	6616	1.67	ug/l #	10
51) 4-Methyl-2-Pentanone	9.927	43	9018	1.74	ug/l	95
54) cis-1,3-Dichloropropene	9.844	75	43058	7.09	ug/l #	64
56) Ethyl methacrylate	10.313	69	53	0.90	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	25071	4.12	ug/l #	43
59) 2-Hexanone	10.707	43	364442	101.61	ug/l #	49
71) Bromoform	12.346	173	1462	0.56	ug/l #	1
74) N-amyl acetate	12.062	43	285	9.78	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	109071	25.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	109071	78.61	ug/l #	12

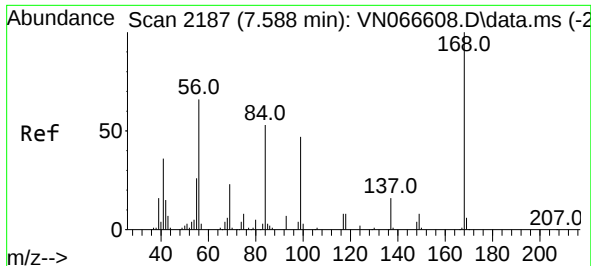
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
Data File : VN066666.D
Acq On : 19 Apr 2021 16:40
Operator : JC/MD
Sample : M2075-29
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 20 04:57:49 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

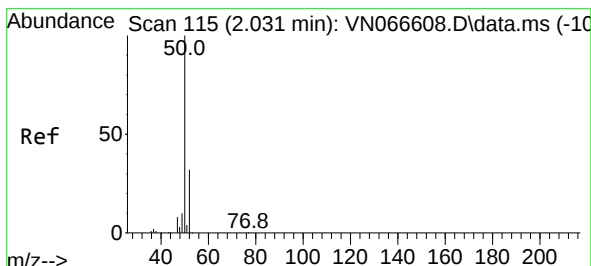
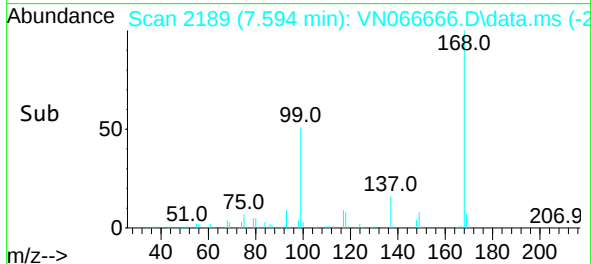
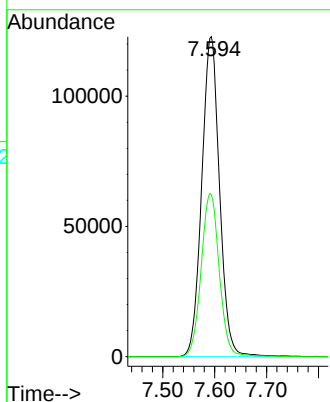
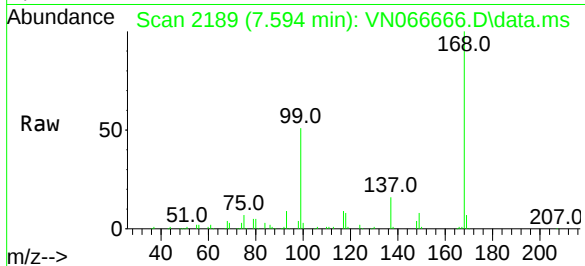




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

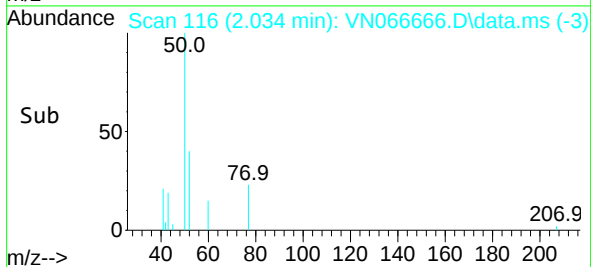
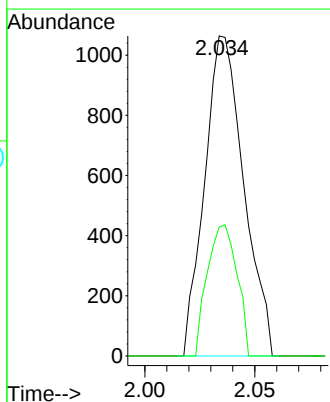
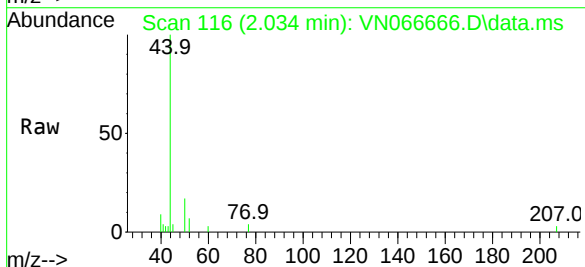
Instrument :
MSVOA_N
ClientSampled :

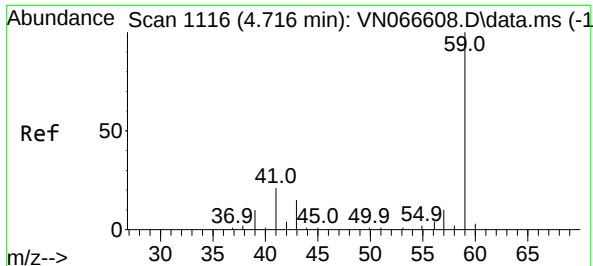
Tgt Ion:168 Resp: 292902
Ion Ratio Lower Upper
168 100
99 50.6 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion: 50 Resp: 1317
Ion Ratio Lower Upper
50 100
52 40.2 25.8 38.8#



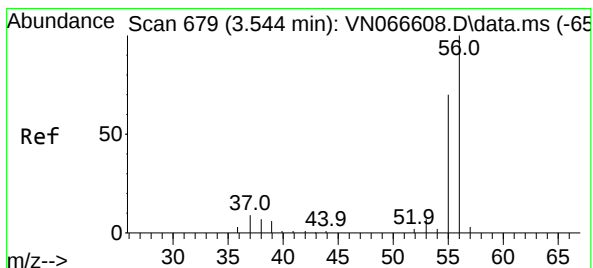
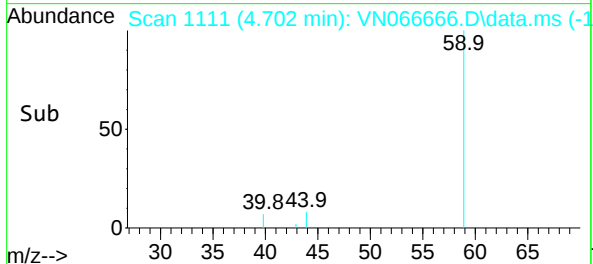
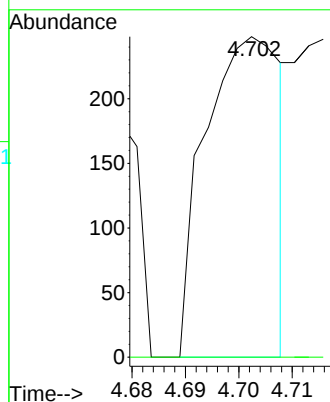
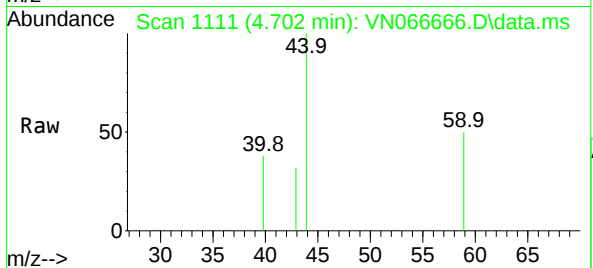


#11

Tert butyl alcohol
Concen: 0.34 ug/l
RT: 4.702 min Scan# 1111
Delta R.T. -0.014 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Instrument :
MSVOA_N
ClientSampled :

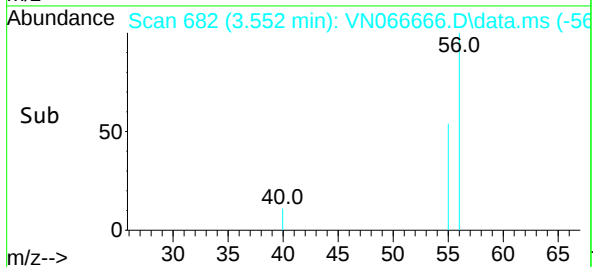
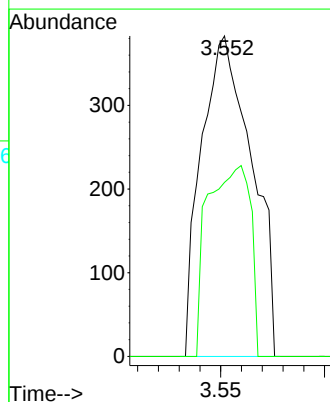
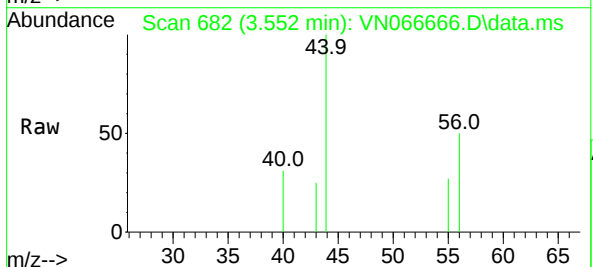
Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

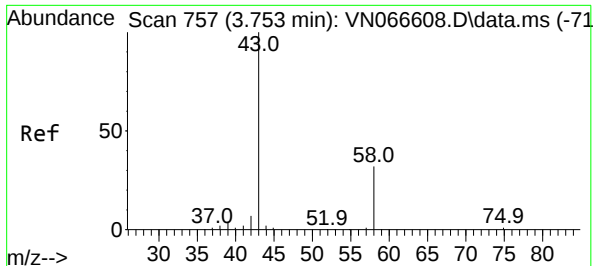


#13

Acrolein
Concen: 1.71 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.008 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

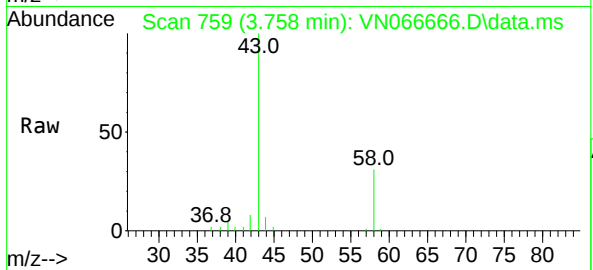
Tgt Ion: 56 Resp: 645
Ion Ratio Lower Upper
56 100
55 50.4 56.0 84.0#



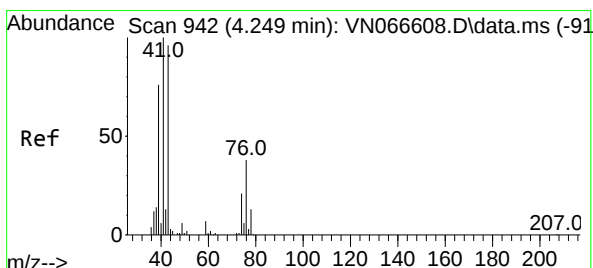
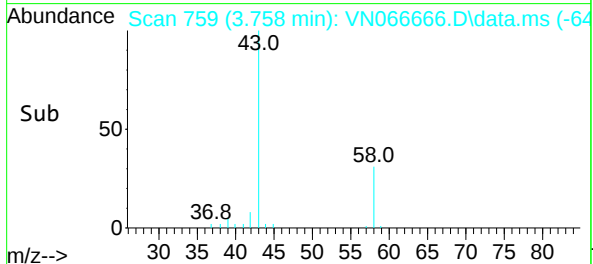
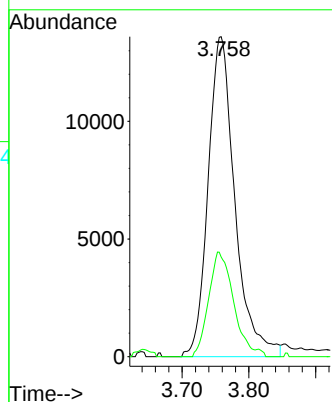


#16
Acetone
Concen: 16.02 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.005 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Instrument :
MSVOA_N
ClientSampled :

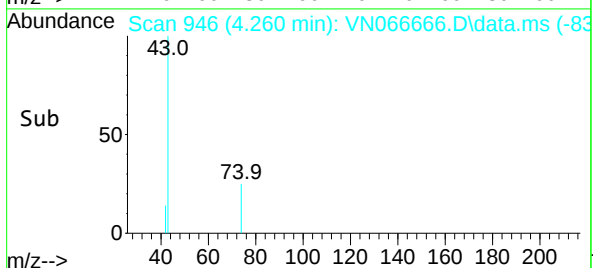
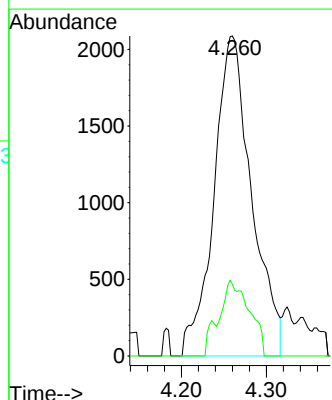
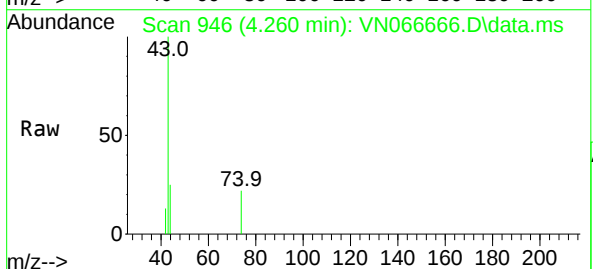


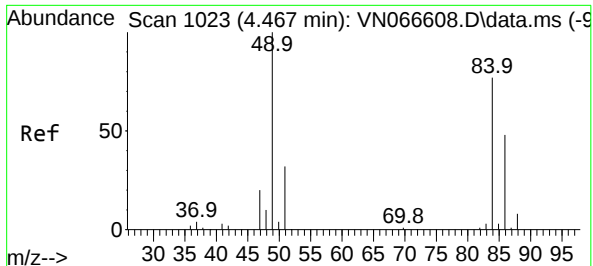
Tgt Ion: 43 Resp: 37870
Ion Ratio Lower Upper
43 100
58 31.1 27.0 40.6



#18
Methyl Acetate
Concen: 1.35 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.011 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

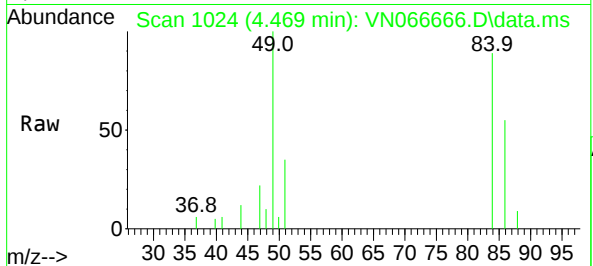
Tgt Ion: 43 Resp: 6429
Ion Ratio Lower Upper
43 100
74 16.7 19.5 29.3#



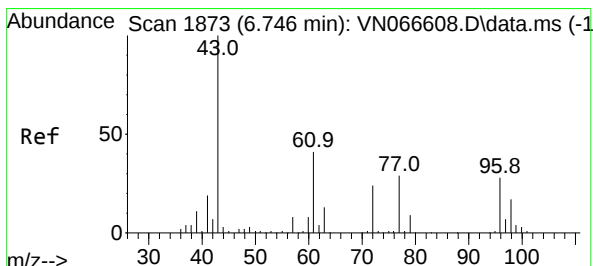
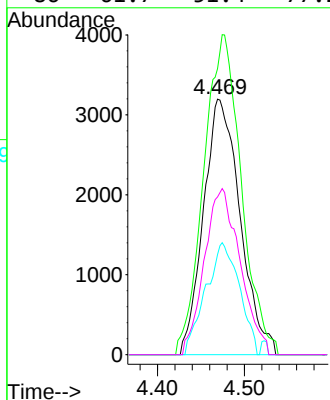
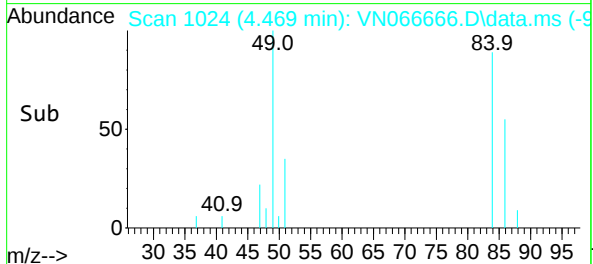


#20
Methylene Chloride
Concen: 2.24 ug/l
RT: 4.469 min Scan# 1024
Delta R.T. 0.002 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

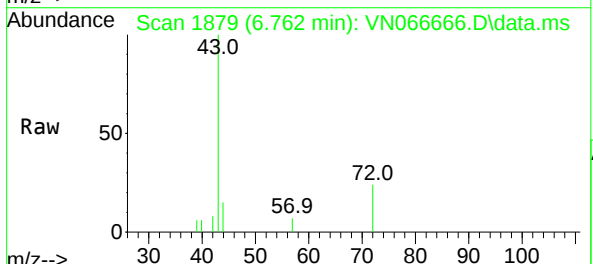
Instrument :
MSVOA_N
ClientSampled :



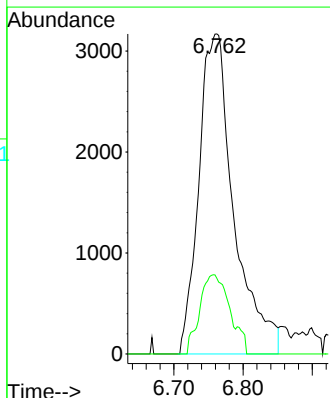
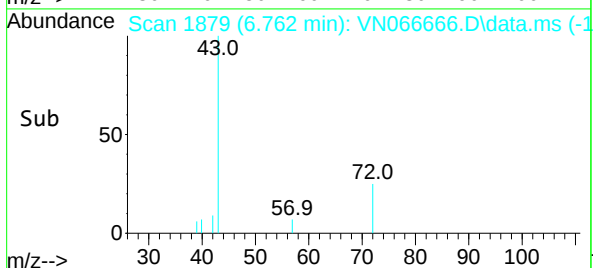
Tgt Ion:	84	Resp:	9362
Ion	Ratio	Lower	Upper
84	100		
49	112.0	94.6	141.8
51	39.2	29.9	44.9
86	61.7	51.4	77.2

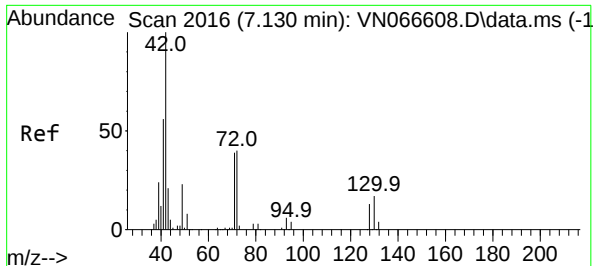


#25
2-Butanone
Concen: 4.27 ug/l
RT: 6.762 min Scan# 1879
Delta R.T. 0.016 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40



Tgt Ion:	43	Resp:	11128
Ion	Ratio	Lower	Upper
43	100		
72	23.6	23.1	34.7

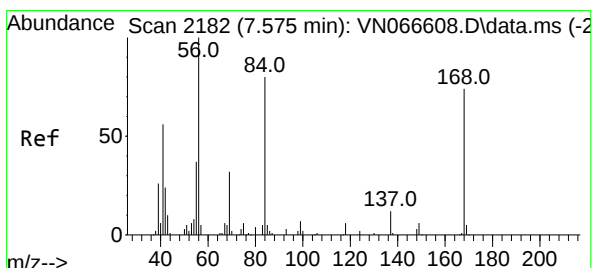
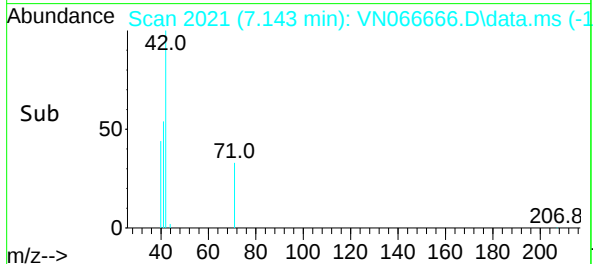
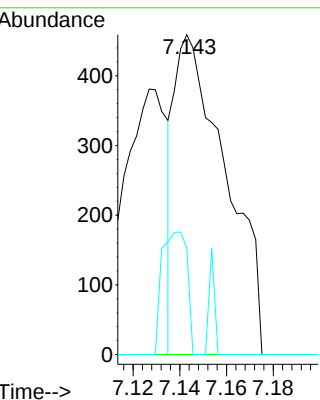
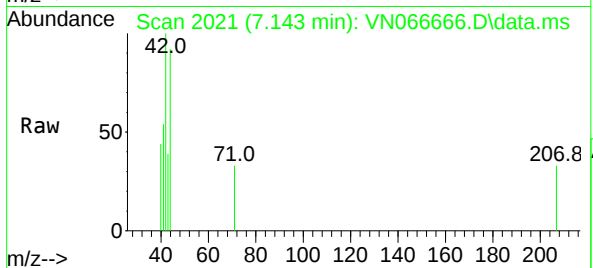




#29
Tetrahydrofuran
Concen: 0.40 ug/l
RT: 7.143 min Scan# 2021
Delta R.T. 0.013 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

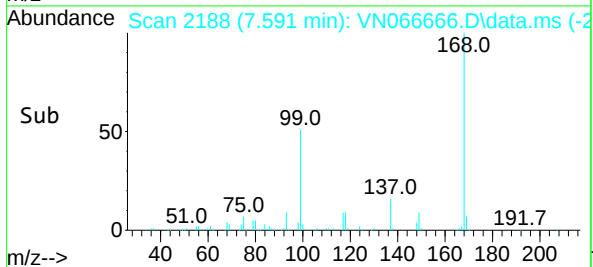
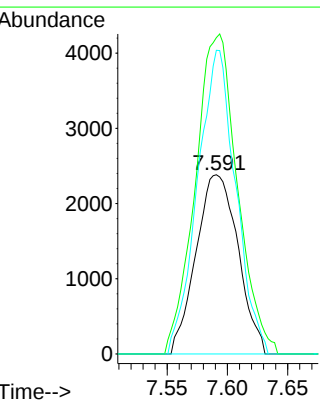
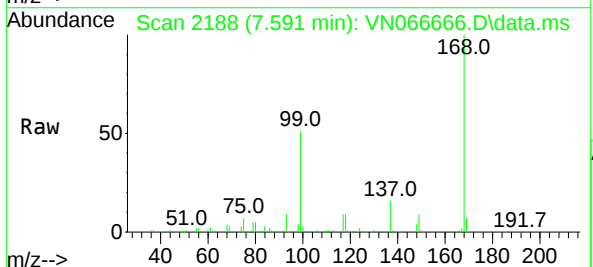
Instrument :
MSVOA_N
ClientSampled :

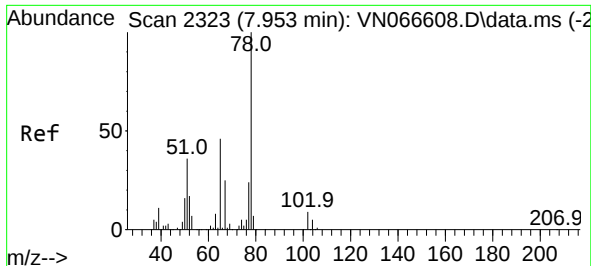
Tgt Ion:	42	Resp:	701
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	18.8	34.3	51.5#



#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion:	56	Resp:	5776
Ion	Ratio	Lower	Upper
56	100		
69	168.7	26.6	39.8#
84	169.5	70.4	105.6#

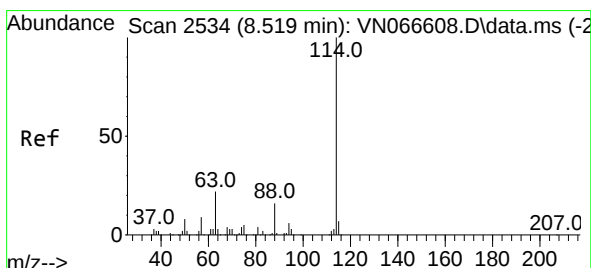
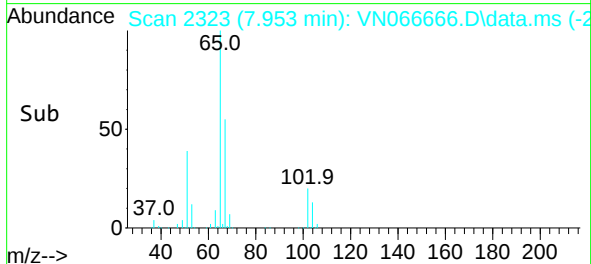
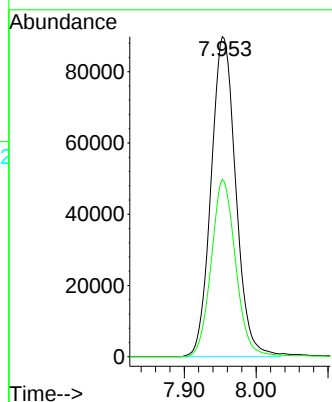
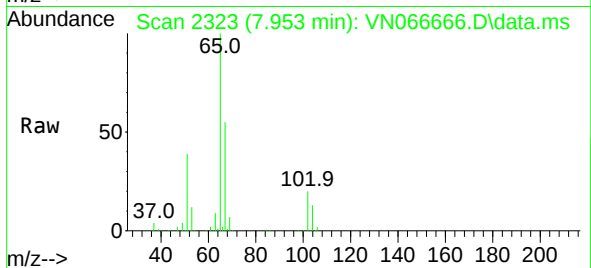




#33
1,2-Dichloroethane-d4
Concen: 48.51 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

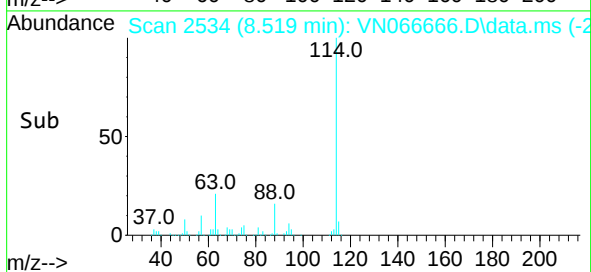
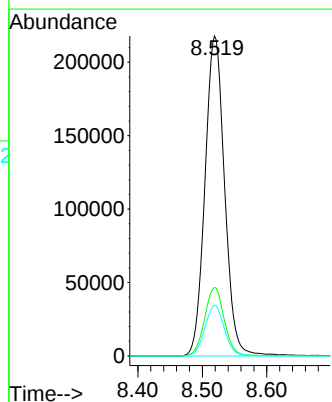
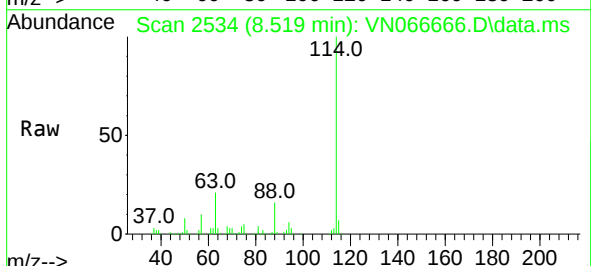
Instrument :
MSVOA_N
ClientSampled :

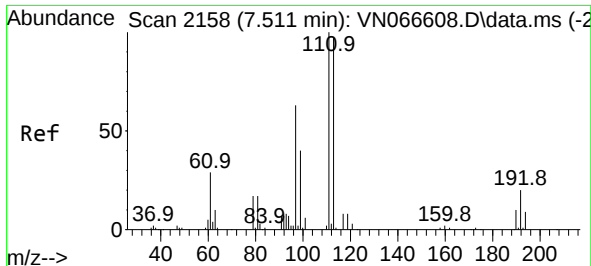
Tgt Ion: 65 Resp: 214334
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion: 114 Resp: 461478
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.6
88 15.8 0.0 30.6

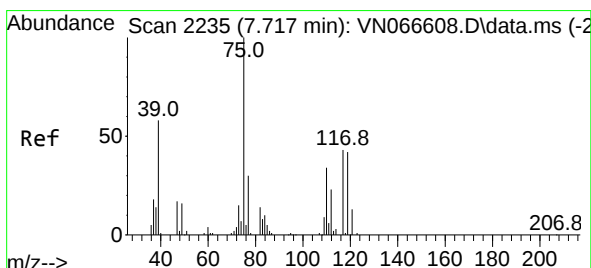
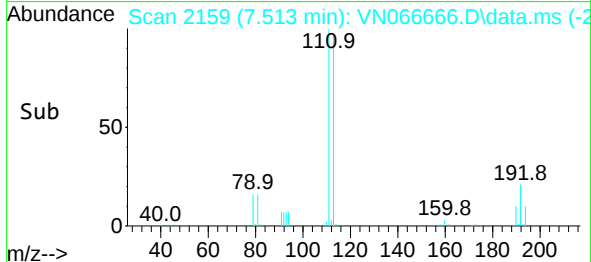
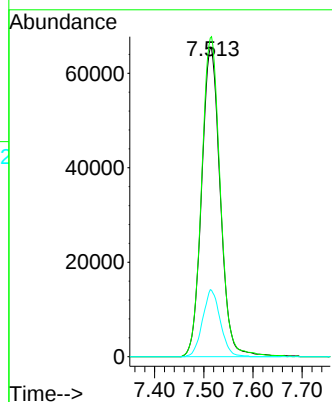
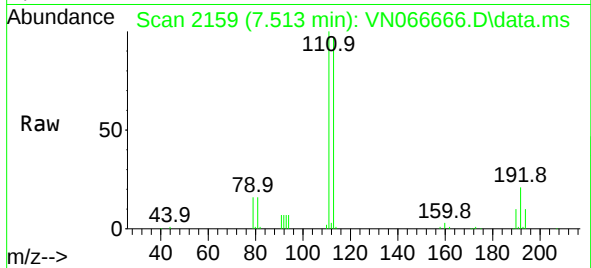




#35
Dibromofluoromethane
Concen: 53.80 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

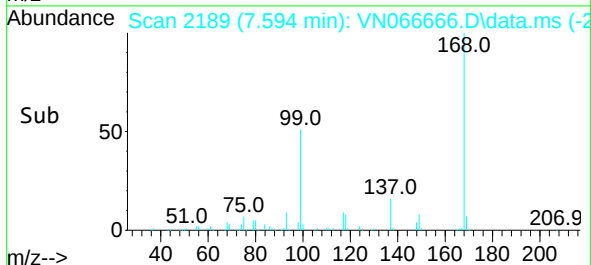
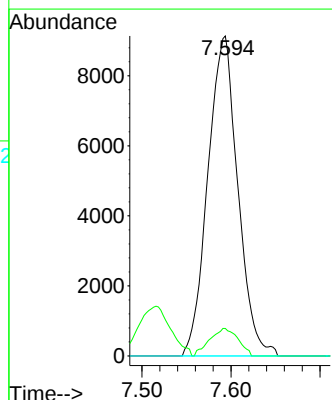
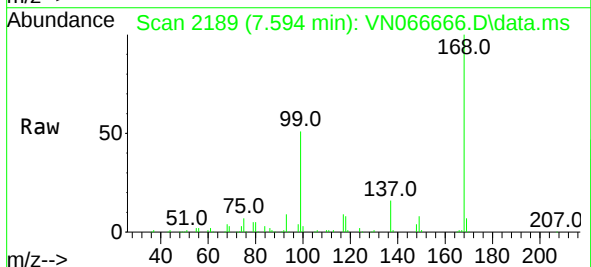
Instrument :
MSVOA_N
ClientSampled :

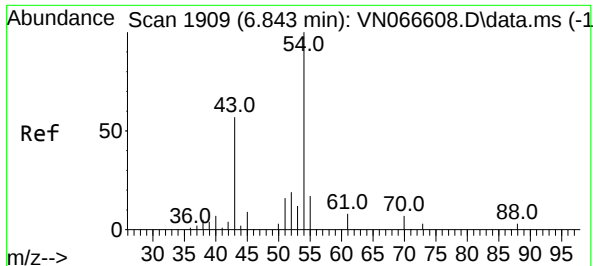
Tgt Ion:	113	Resp:	172181
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	20.6	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.123 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion:	75	Resp:	21391
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.2	54.6#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 2.11 ug/l

RT: 6.762 min Scan# 1879

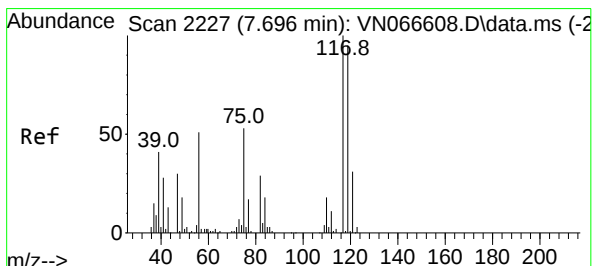
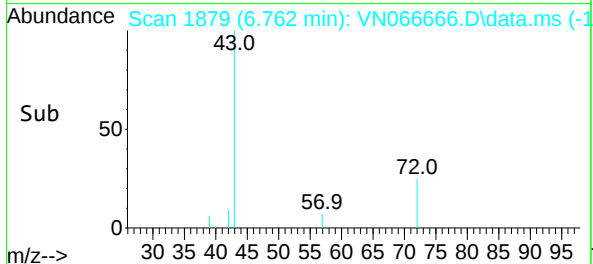
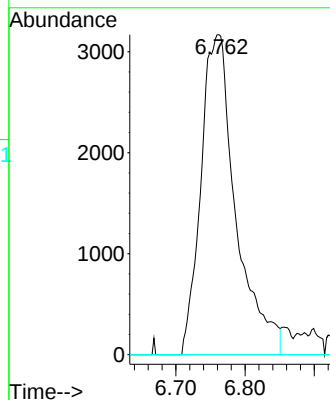
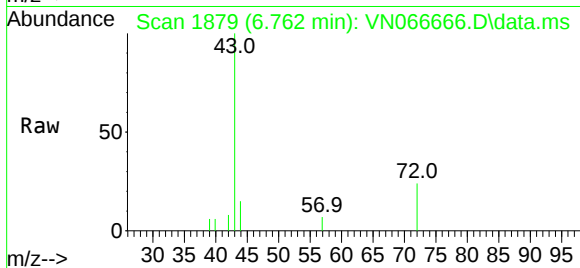
Delta R.T. -0.081 min

Lab File: VN066666.D

Acq: 19 Apr 2021 16:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	43	Resp:	11128
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 5.93 ug/l

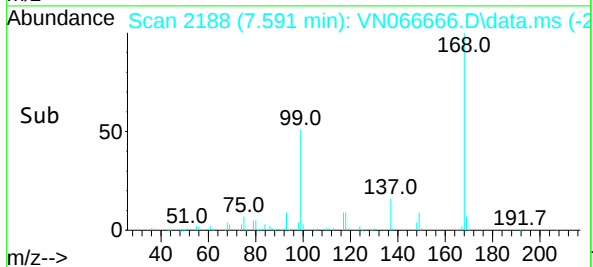
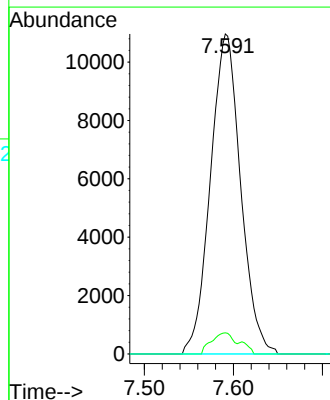
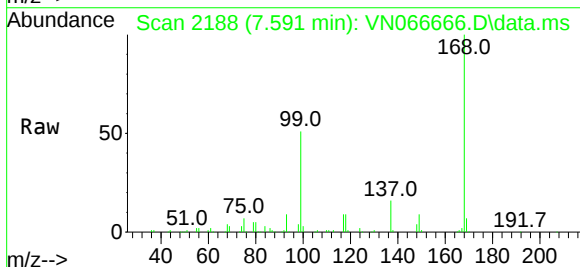
RT: 7.591 min Scan# 2188

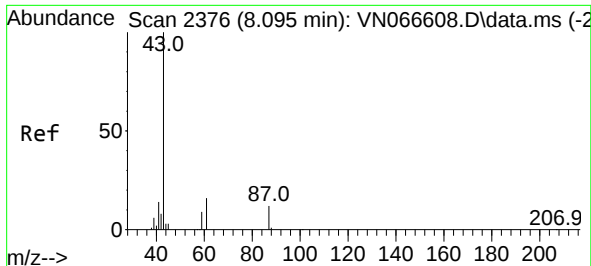
Delta R.T. -0.105 min

Lab File: VN066666.D

Acq: 19 Apr 2021 16:40

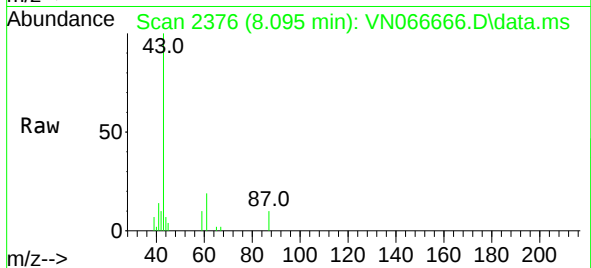
Tgt Ion:	117	Resp:	25852
Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.0	114.0#
121	0.0	24.5	36.7#



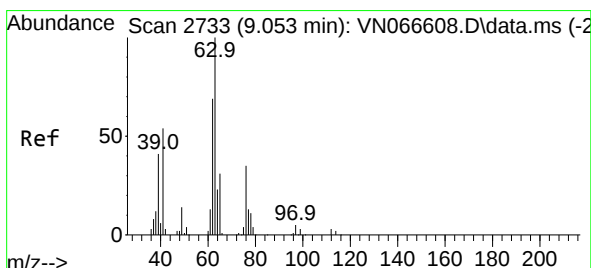
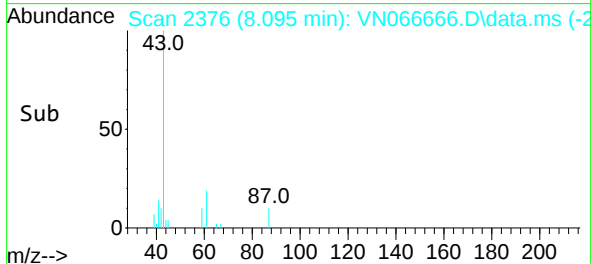
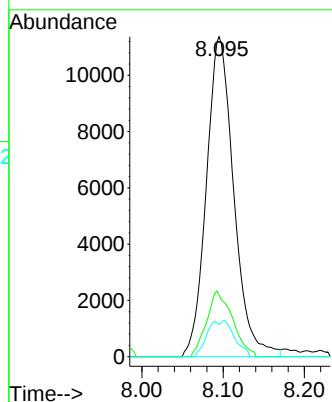


#43
Isopropyl Acetate
Concen: 3.02 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Instrument :
MSVOA_N
ClientSampled :

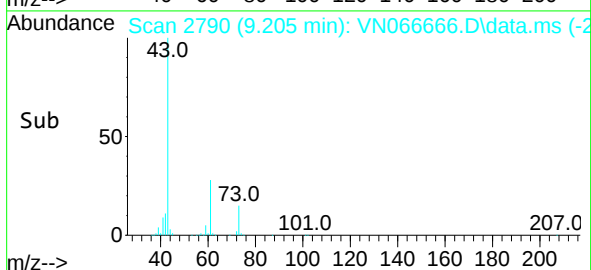
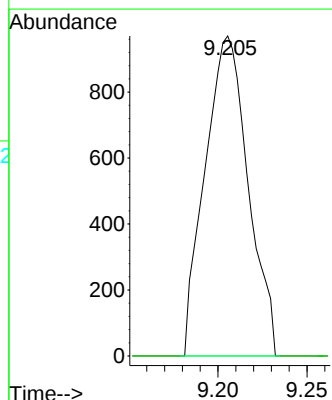
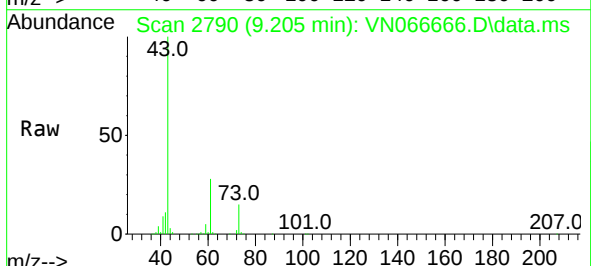


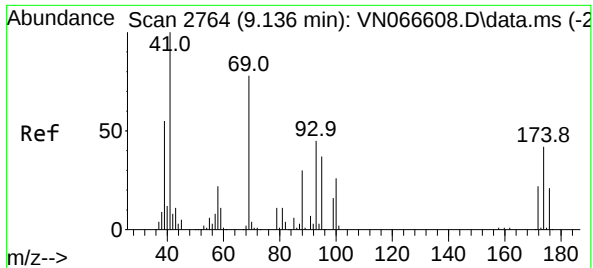
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	22.5	33.7#
87	5.3	11.1	16.7#



#45
1,2-Dichloropropane
Concen: 0.39 ug/l
RT: 9.205 min Scan# 2790
Delta R.T. 0.152 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

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

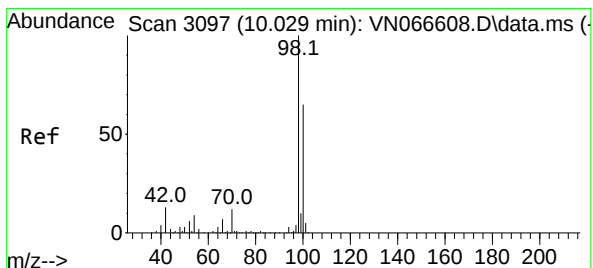
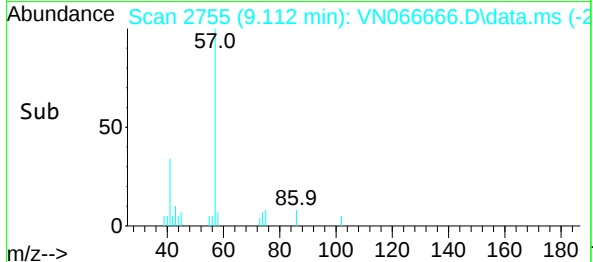
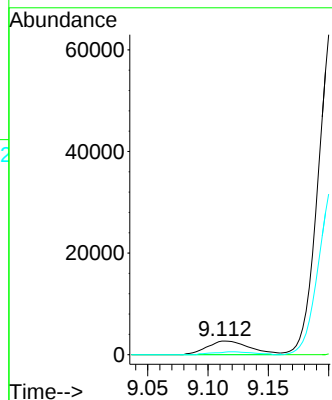
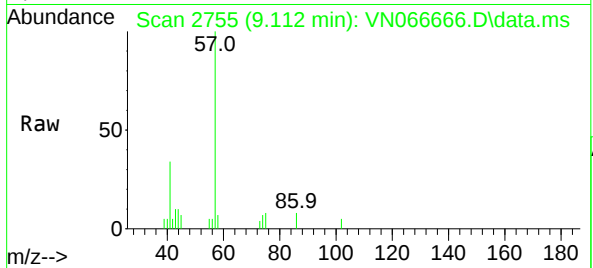




#48
Methyl methacrylate
Concen: 1.67 ug/l
RT: 9.112 min Scan# 2755
Delta R.T. -0.024 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

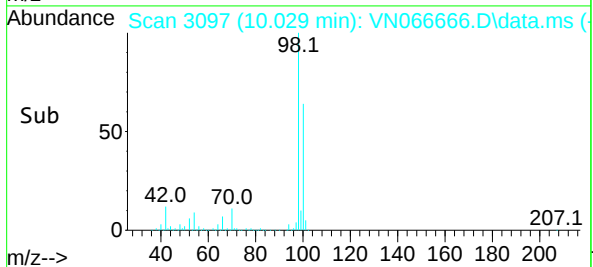
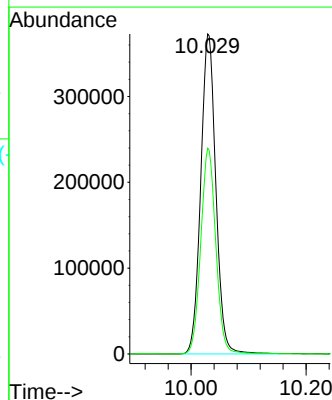
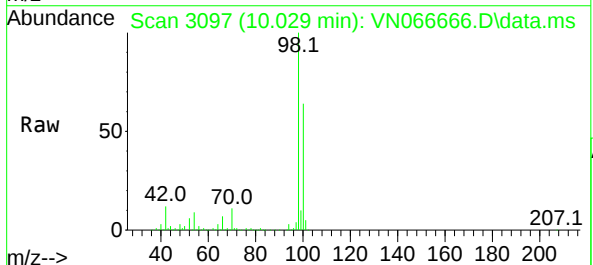
Instrument :
MSVOA_N
ClientSampled :

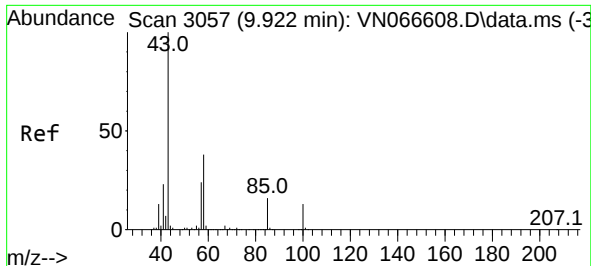
Tgt Ion: 41 Resp: 6616
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 54.15 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion: 98 Resp: 679201
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

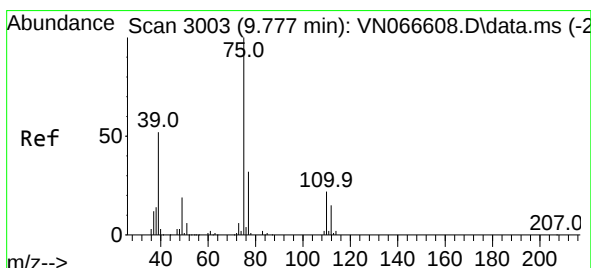
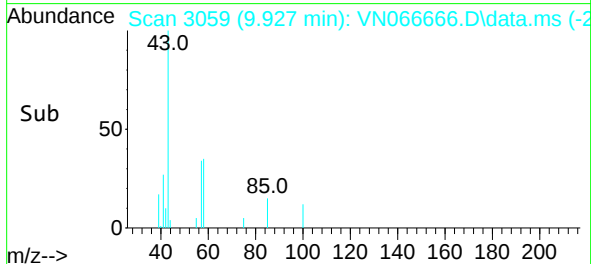
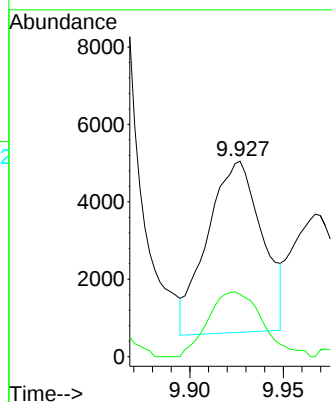
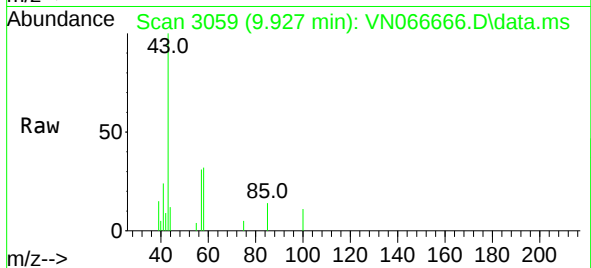




#51
4-Methyl-2-Pentanone
Concen: 1.74 ug/l
RT: 9.927 min Scan# 3059
Delta R.T. 0.005 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

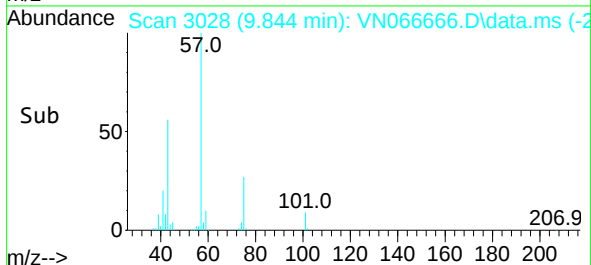
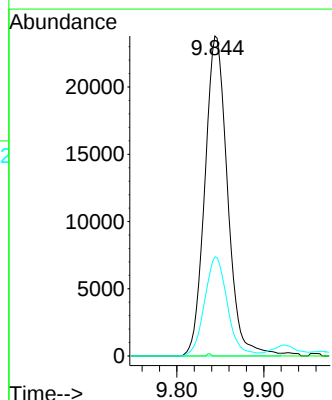
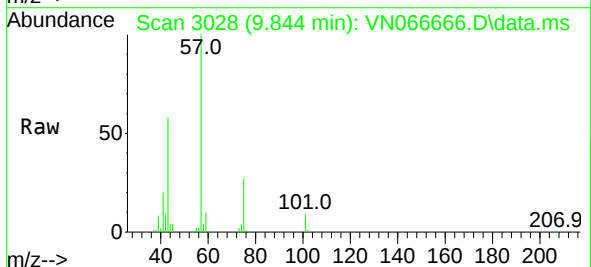
Instrument :
MSVOA_N
ClientSampled :

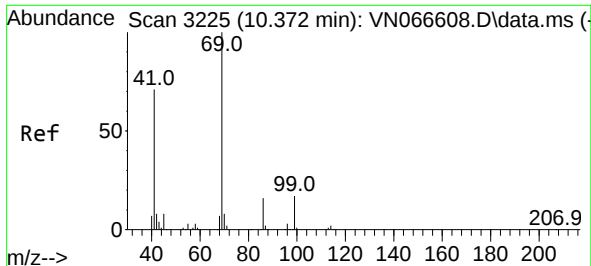
Tgt Ion: 43 Resp: 9018
Ion Ratio Lower Upper
43 100
58 37.6 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.09 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion: 75 Resp: 43058
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 31.0 36.2 54.4#

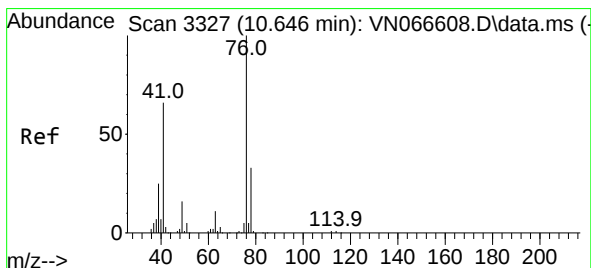
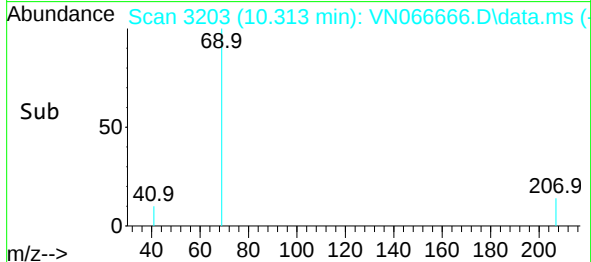
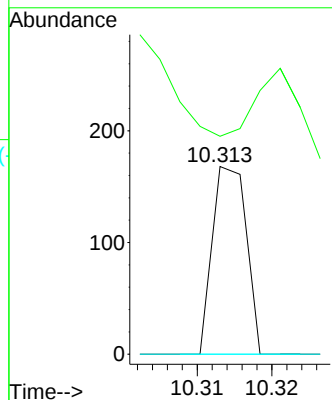
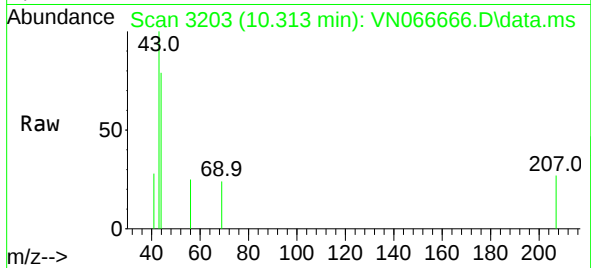




#56
Ethyl methacrylate
Concen: 0.90 ug/l
RT: 10.313 min Scan# 3203
Delta R.T. -0.059 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

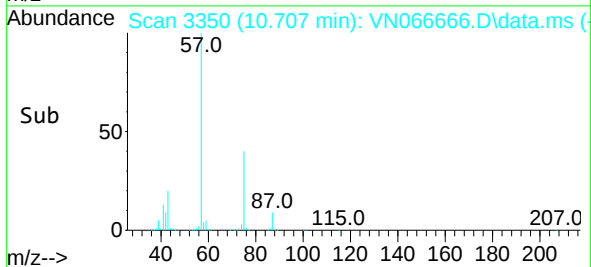
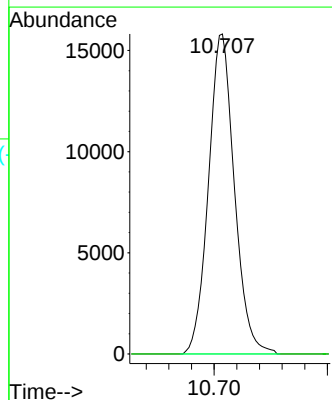
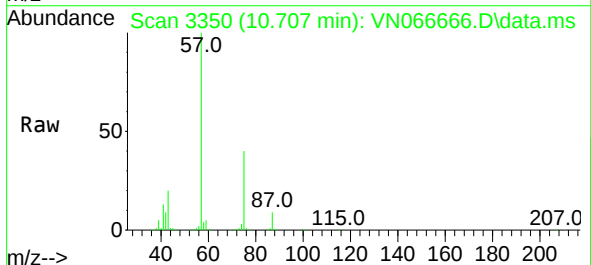
Instrument :
MSVOA_N
ClientSampled :

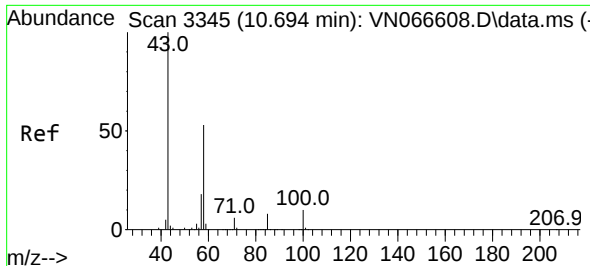
Tgt Ion: 69 Resp: 53
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.12 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion: 76 Resp: 25071
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

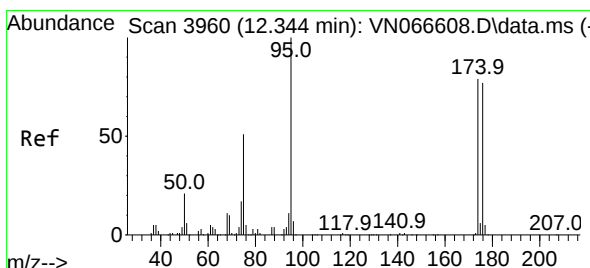
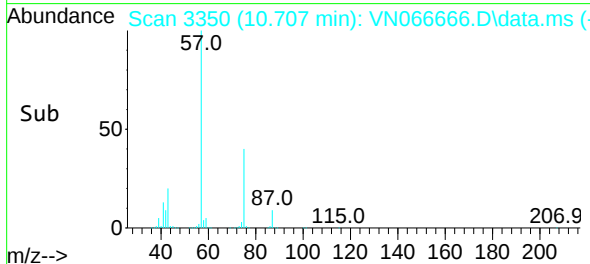
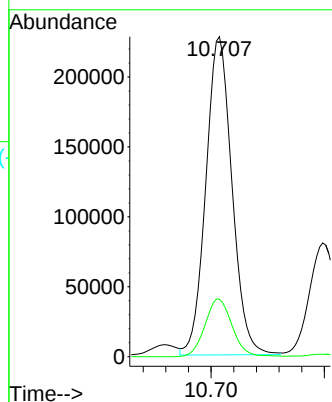
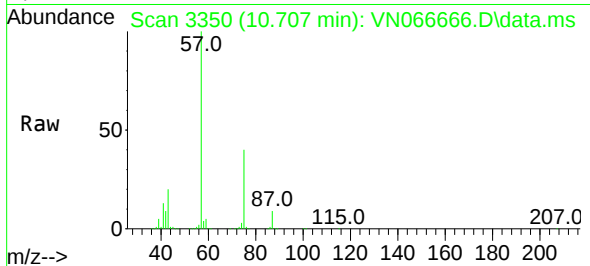




#59
2-Hexanone
Concen: 101.61 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

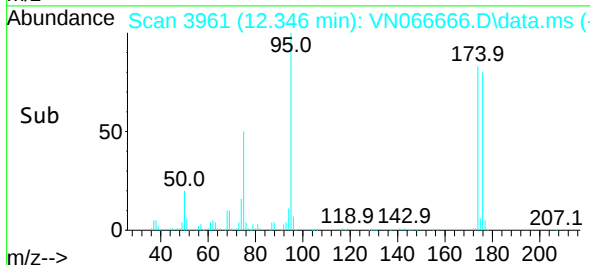
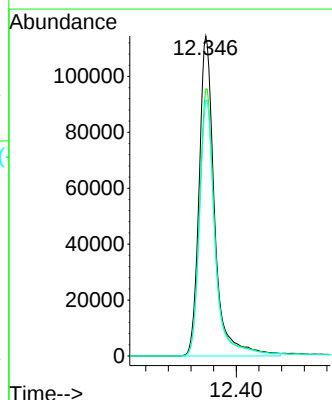
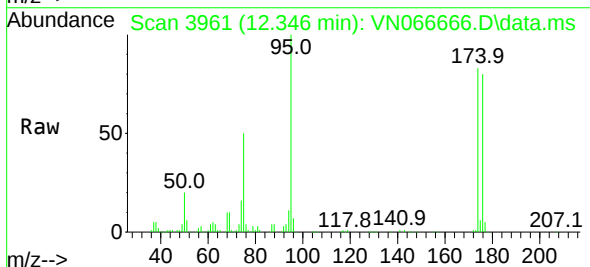
Instrument :
MSVOA_N
ClientSampled :

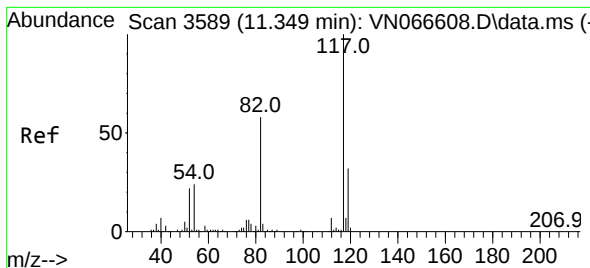
Tgt Ion: 43 Resp: 364442
Ion Ratio Lower Upper
43 100
58 18.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.12 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

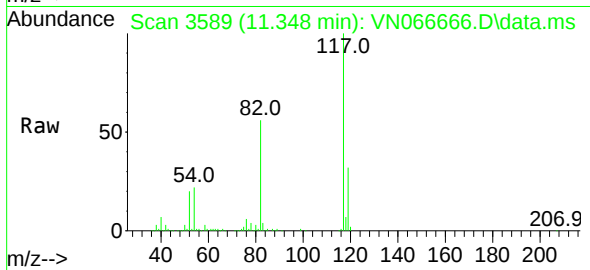
Tgt Ion: 95 Resp: 216659
Ion Ratio Lower Upper
95 100
174 84.1 0.0 169.0
176 80.3 0.0 162.4



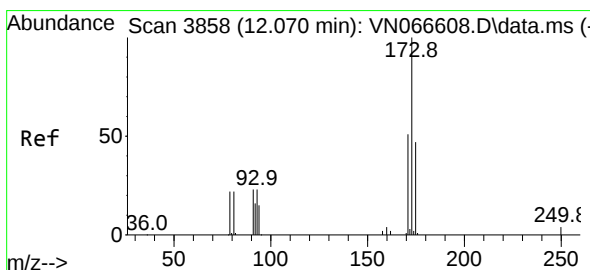
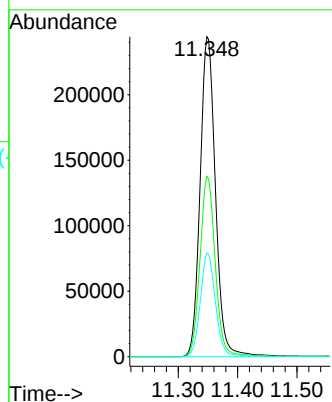
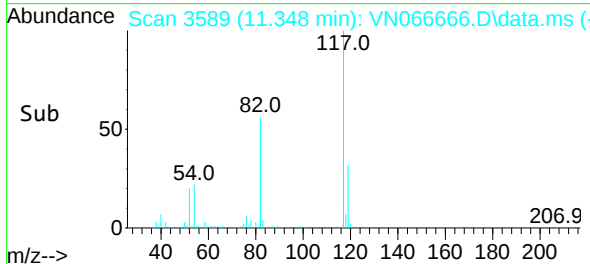


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

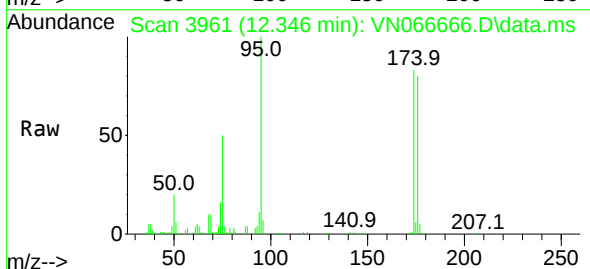
Instrument :
MSVOA_N
ClientSampled :



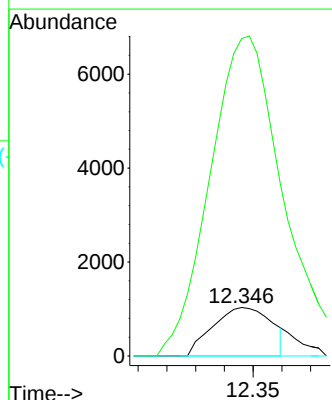
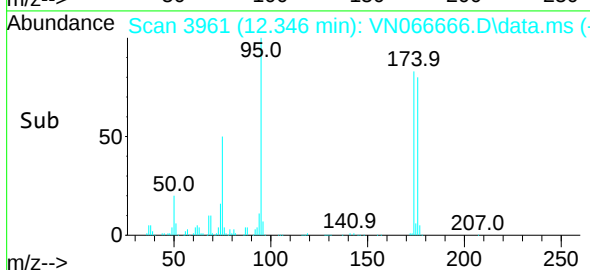
Tgt Ion:117 Resp: 440957
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 32.4 26.1 39.1

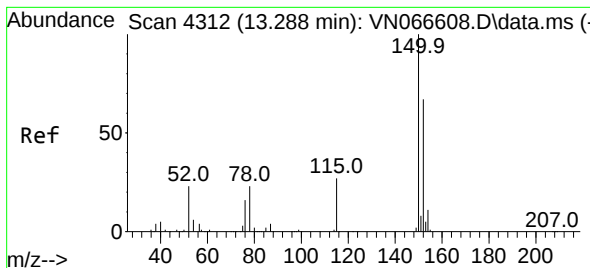


#71
Bromoform
Concen: 0.56 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.276 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40



Tgt Ion:173 Resp: 1462
Ion Ratio Lower Upper
173 100
175 693.0 23.8 71.2#
254 0.0 0.0 0.0

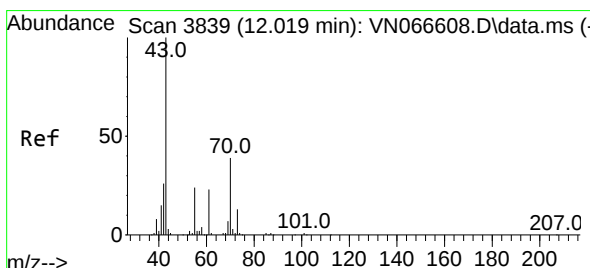
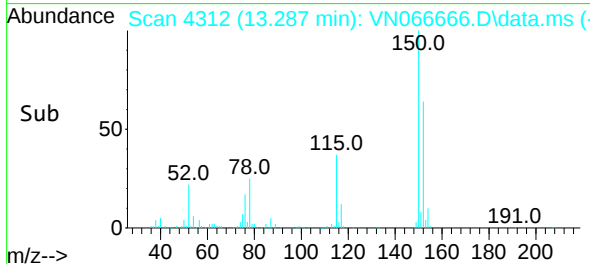
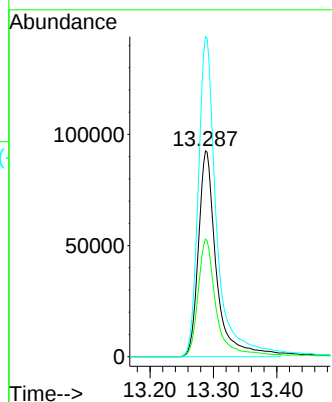
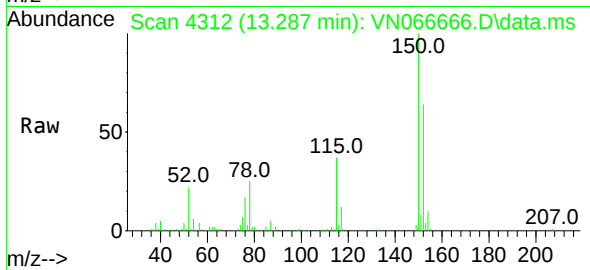




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. -0.001 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

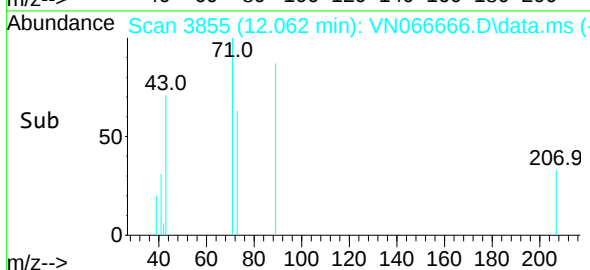
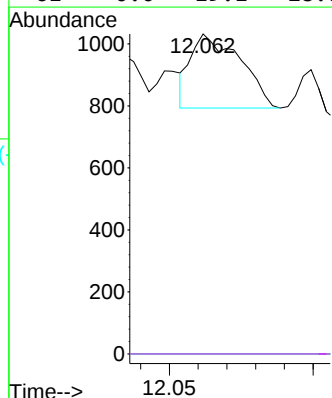
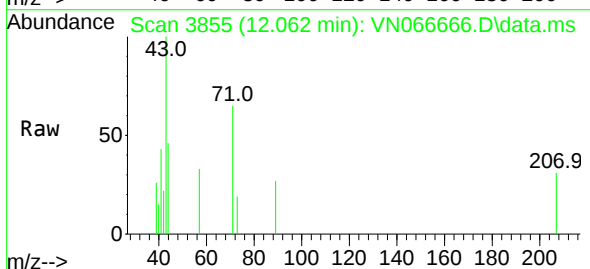
Instrument :
MSVOA_N
ClientSampled :

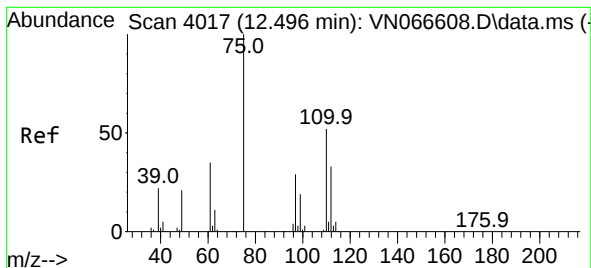
Tgt Ion:152 Resp: 183125
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.6
150 159.8 0.0 347.6



#74
N-ethyl acetate
Concen: 9.78 ug/l
RT: 12.062 min Scan# 3855
Delta R.T. 0.043 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion: 43 Resp: 285
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#

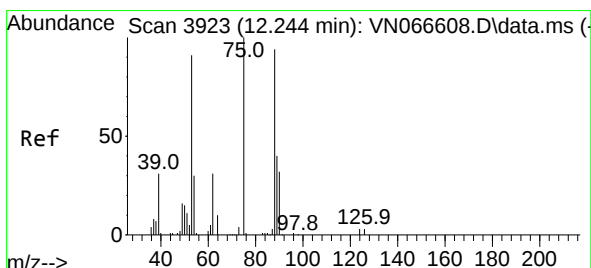
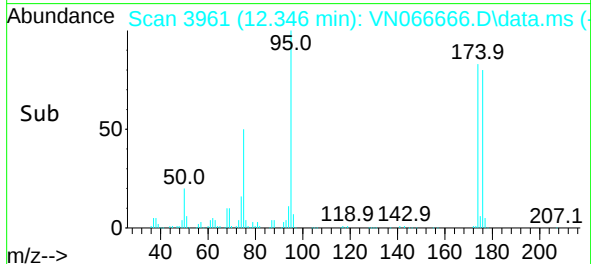
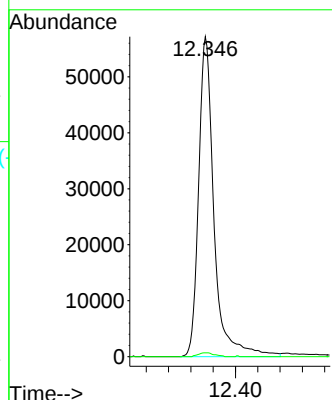
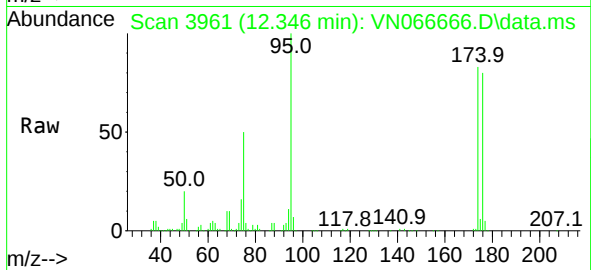




#76
1,2,3-Trichloropropane
Concen: 25.47 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 109071
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.61 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066666.D
Acq: 19 Apr 2021 16:40

Tgt Ion: 75 Resp: 109071
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

