

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066637.D
 Acq On : 16 Apr 2021 19:41
 Operator : JC/MD
 Sample : PB135768ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB135768ZHE#07

Quant Time: Apr 17 05:19:46 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)

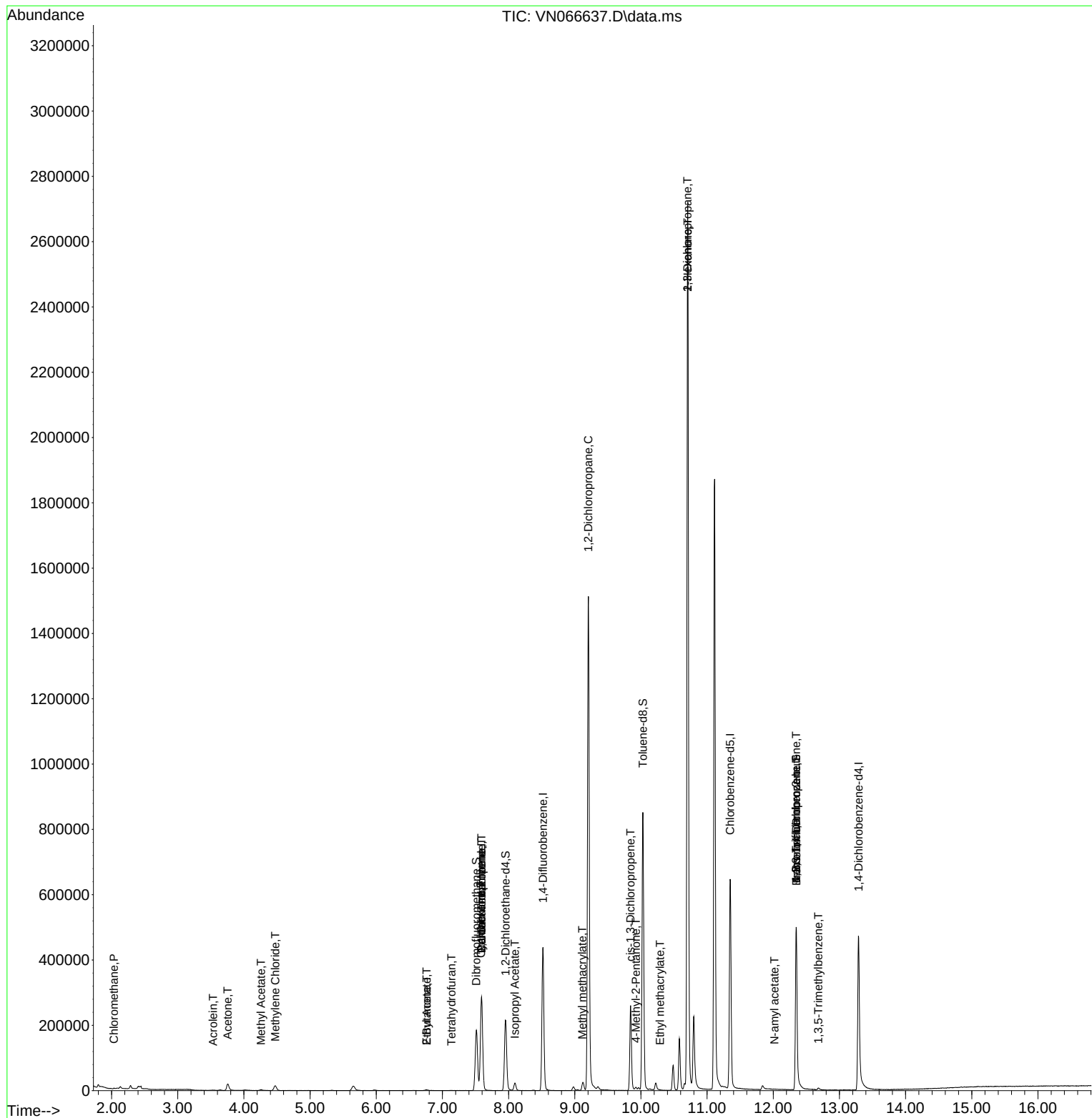
Internal Standards						
1) Pentafluorobenzene	7.591	168	245088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	390442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	381473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	160236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	187351	50.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.34%			
35) Dibromofluoromethane	7.513	113	145535	53.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.50%			
50) Toluene-d8	10.029	98	583508	54.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.96%			
62) 4-Bromofluorobenzene	12.346	95	192020	51.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.92%			
Target Compounds					Qvalue	
3) Chloromethane	2.034	50	1294	0.30	ug/l	97
13) Acrolein	3.536	56	147	0.46	ug/l #	5
16) Acetone	3.756	43	34516	18.24	ug/l	96
18) Methyl Acetate	4.257	43	5761	1.45	ug/l #	82
20) Methylene Chloride	4.474	84	10488	3.00	ug/l	86
25) 2-Butanone	6.760	43	5403	2.48	ug/l #	87
29) Tetrahydrofuran	7.135	42	353	0.24	ug/l #	32
31) Cyclohexane	7.586	56	5115	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	18650	4.74	ug/l #	48
37) Ethyl Acetate	6.760	43	5403	1.21	ug/l #	68
38) Carbon Tetrachloride	7.591	117	22452	6.09	ug/l #	16
43) Isopropyl Acetate	8.095	43	28938	3.88	ug/l #	84
45) 1,2-Dichloropropane	9.205	63	1868	0.53	ug/l #	44
48) Methyl methacrylate	9.114	41	7098	2.12	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	6753	1.54	ug/l	91
54) cis-1,3-Dichloropropene	9.844	75	46731	9.09	ug/l #	64
56) Ethyl methacrylate	10.289	69	51	0.90	ug/l #	27
57) 1,3-Dichloropropane	10.705	76	26587	5.17	ug/l #	43
59) 2-Hexanone	10.707	43	404211	131.69	ug/l #	49
71) Bromoform	12.349	173	1407	0.62	ug/l #	1
74) N-amyl acetate	12.016	43	252	9.78	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	95498	25.49	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.681	105	3744	0.36	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.346	75	95498	78.66	ug/l #	12

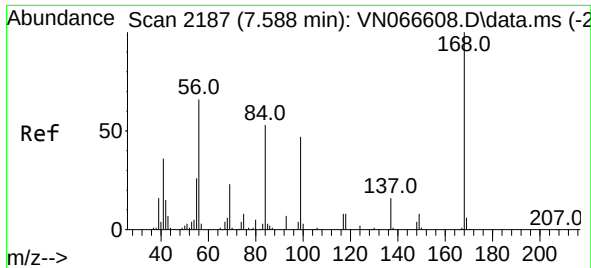
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Apr 17 05:19:46 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

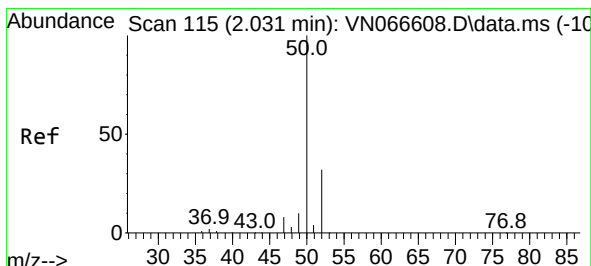
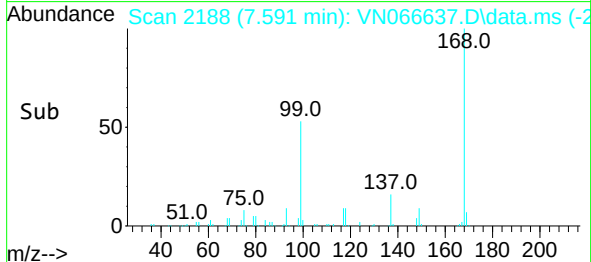
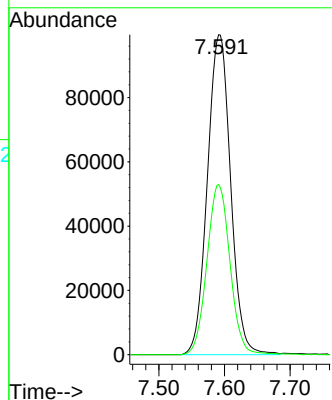
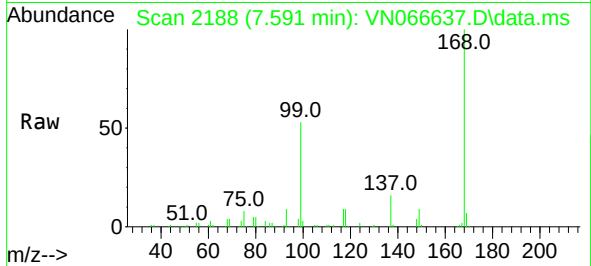




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

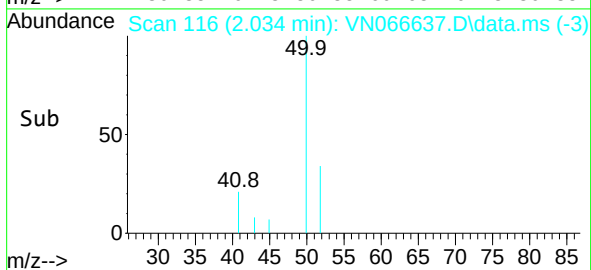
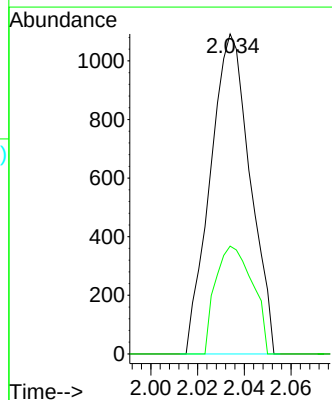
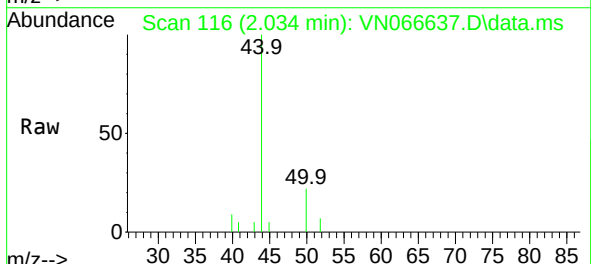
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

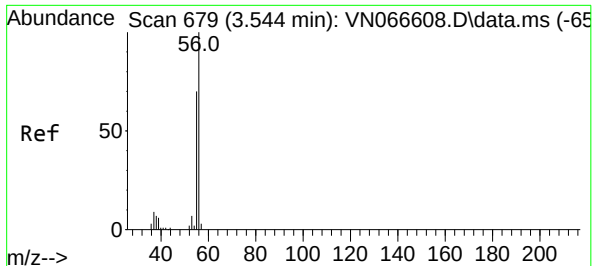
Tgt Ion:168 Resp: 245088
Ion Ratio Lower Upper
168 100
99 53.2 42.6 63.8



#3
Chloromethane
Concen: 0.30 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

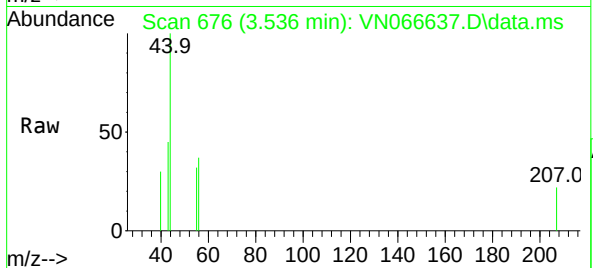
Tgt Ion: 50 Resp: 1294
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8



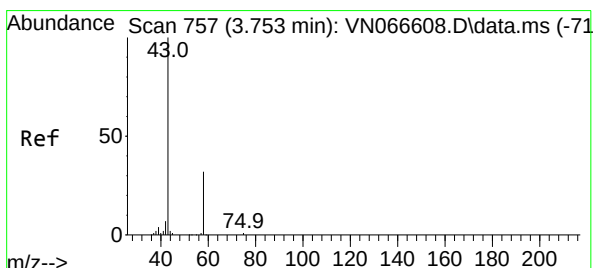
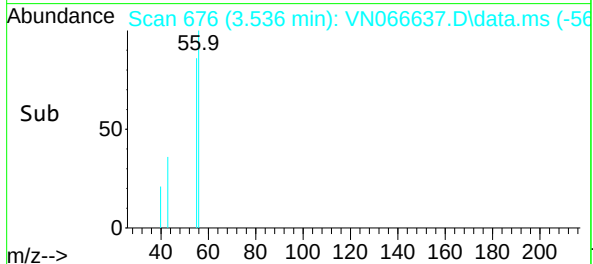
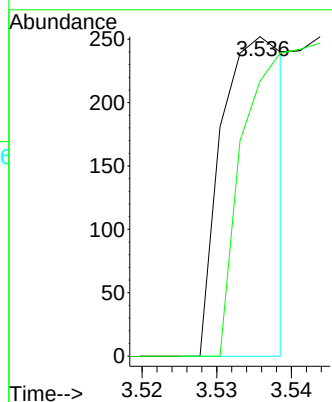


#13
Acrolein
Concen: 0.46 ug/l
RT: 3.536 min Scan# 676
Delta R.T. -0.008 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

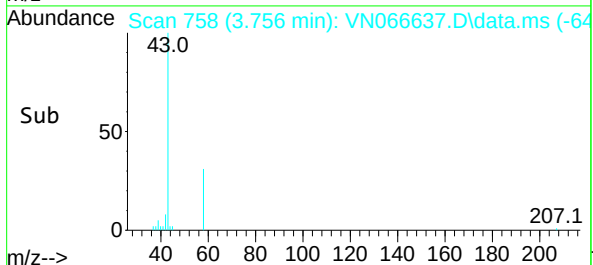
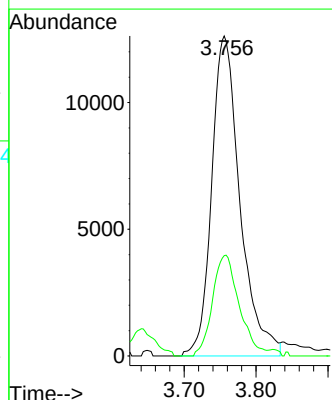
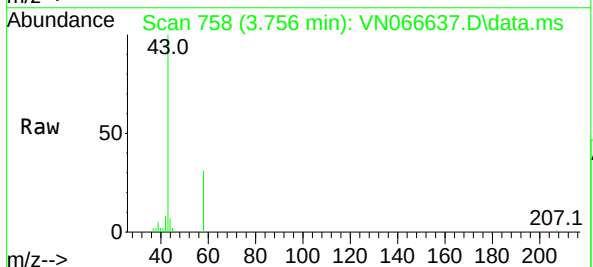


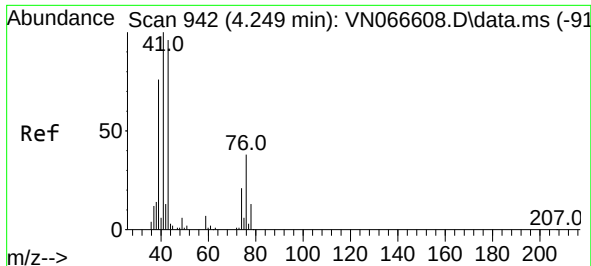
Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 147.6 56.0 84.0#



#16
Acetone
Concen: 18.24 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

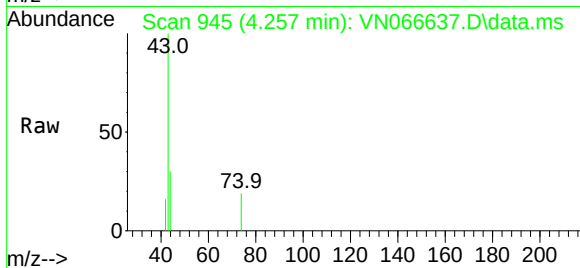
Tgt Ion: 43 Resp: 34516
Ion Ratio Lower Upper
43 100
58 31.4 27.0 40.6



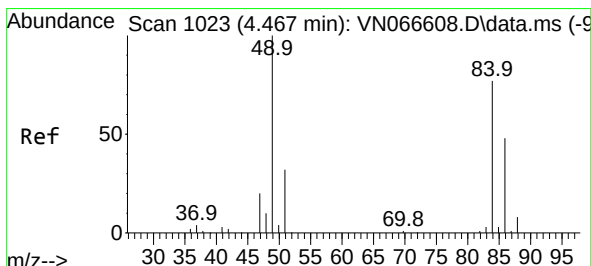
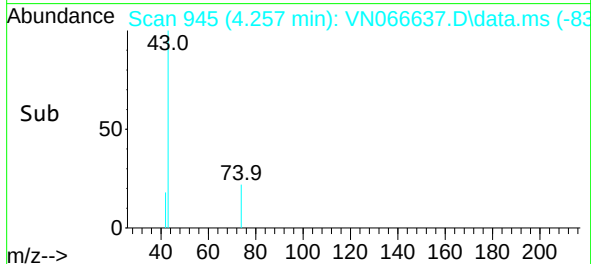
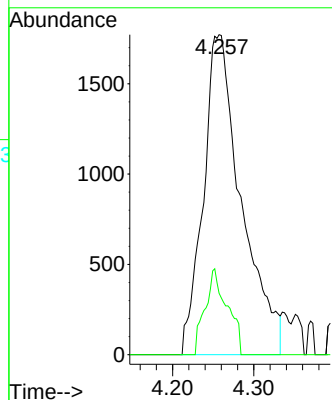


#18
Methyl Acetate
Concen: 1.45 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

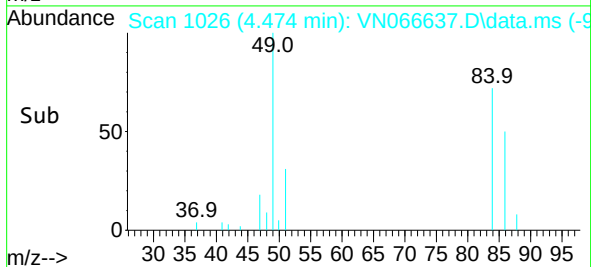
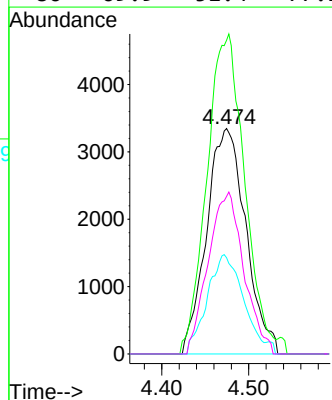
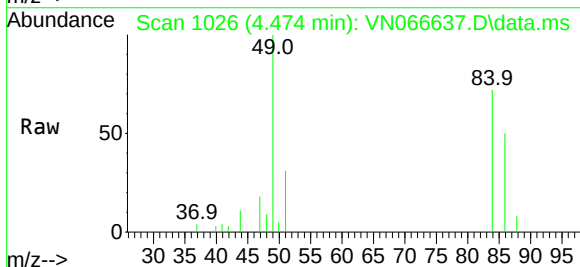


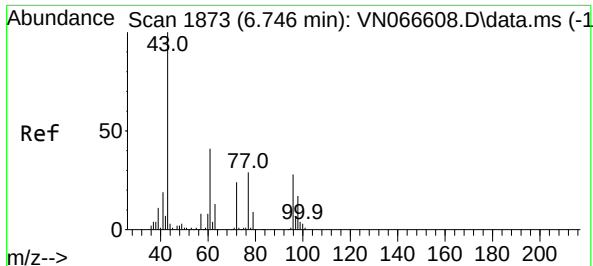
Tgt Ion: 43 Resp: 5761
Ion Ratio Lower Upper
43 100
74 15.6 19.5 29.3#



#20
Methylene Chloride
Concen: 3.00 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.007 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Tgt Ion: 84 Resp: 10488
Ion Ratio Lower Upper
84 100
49 139.2 94.6 141.8
51 42.6 29.9 44.9
86 69.9 51.4 77.2

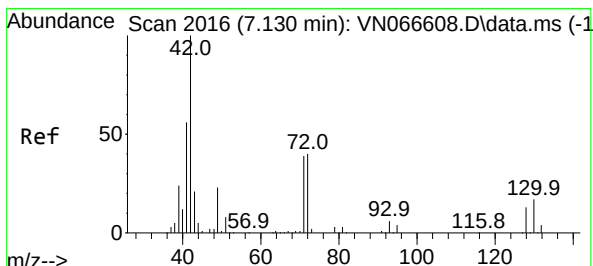
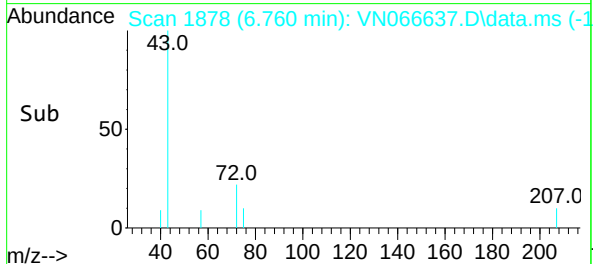
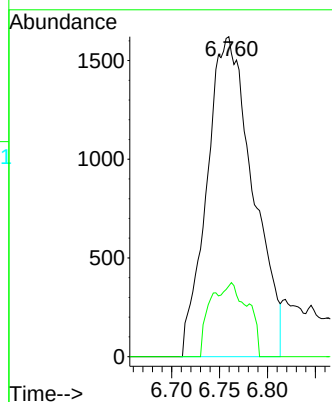
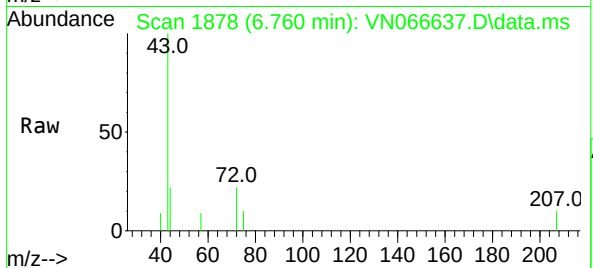




#25
2-Butanone
Concen: 2.48 ug/l
RT: 6.760 min Scan# 1878
Delta R.T. 0.014 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

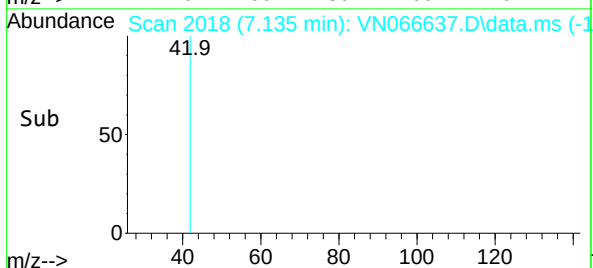
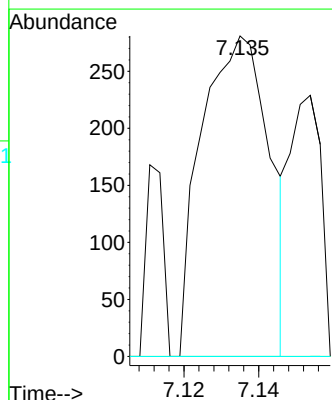
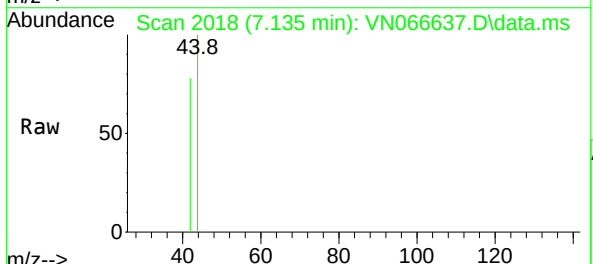
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

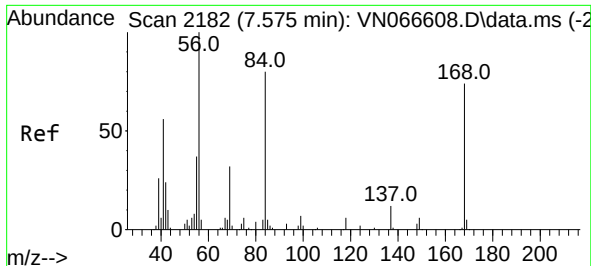
Tgt Ion: 43 Resp: 5403
Ion Ratio Lower Upper
43 100
72 22.1 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 7.135 min Scan# 2018
Delta R.T. 0.005 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

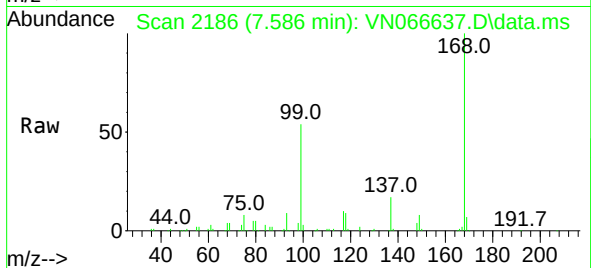
Tgt Ion: 42 Resp: 353
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



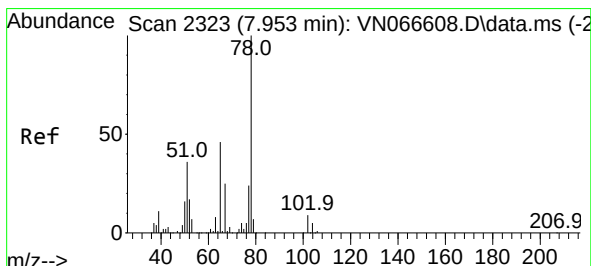
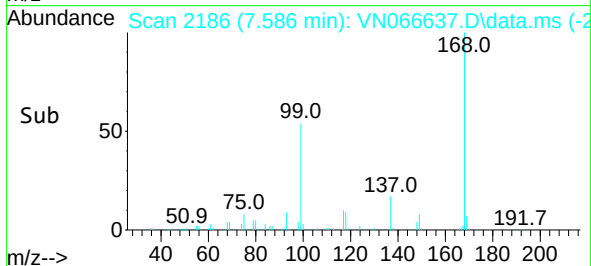
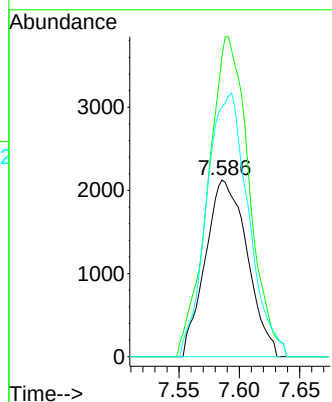


#31
Cyclohexane
Concen: 0.96 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.011 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

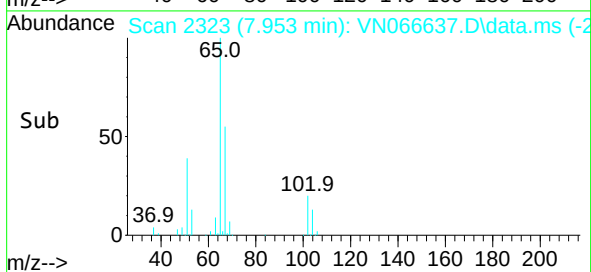
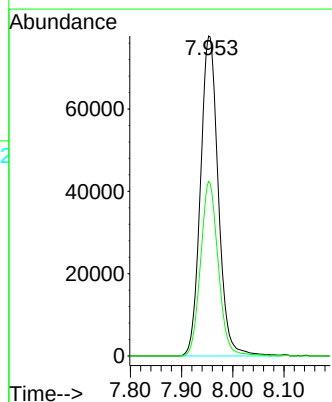
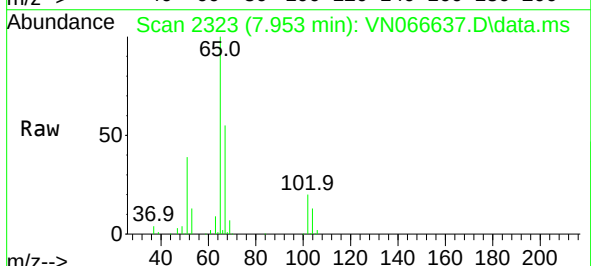


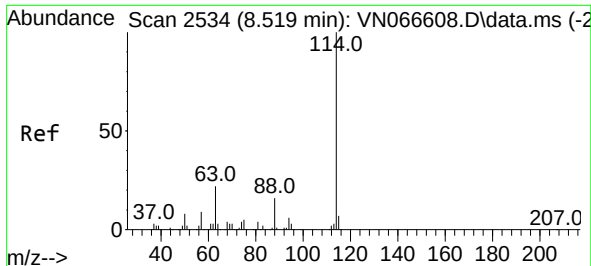
Tgt Ion: 56 Resp: 5115
Ion Ratio Lower Upper
56 100
69 162.2 26.6 39.8#
84 141.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 50.67 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

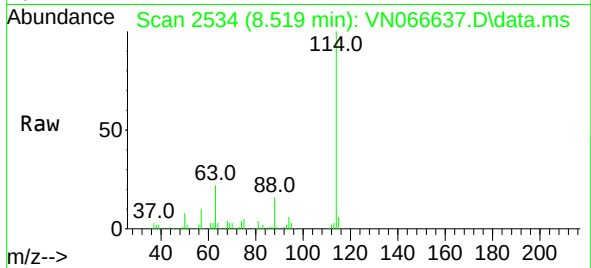
Tgt Ion: 65 Resp: 187351
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2



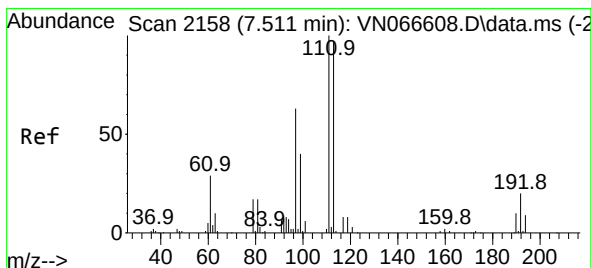
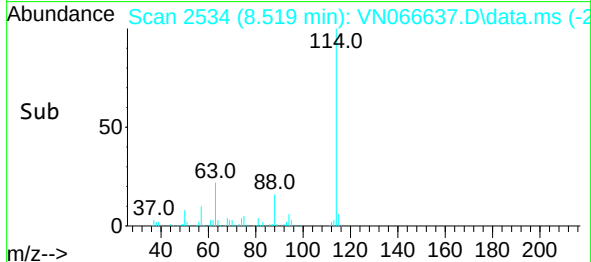
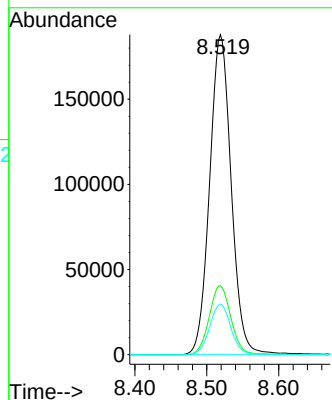


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
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ClientSampleId :
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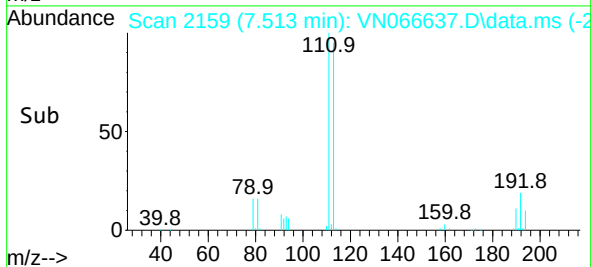
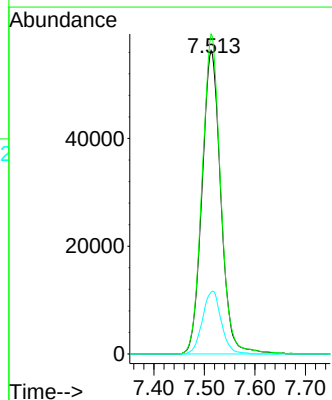
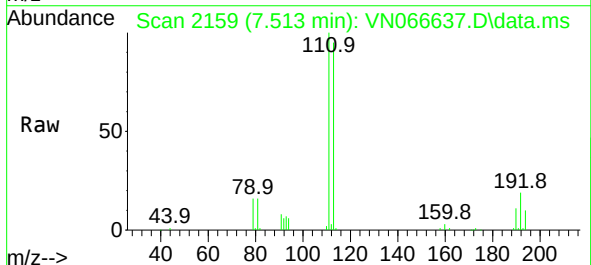


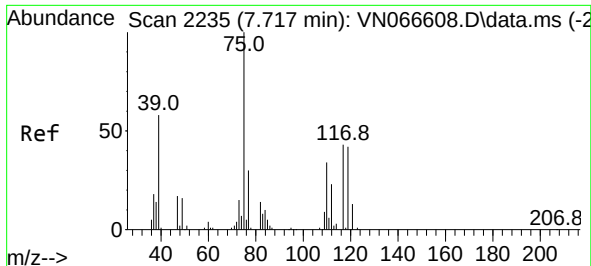
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	38.6
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.75 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

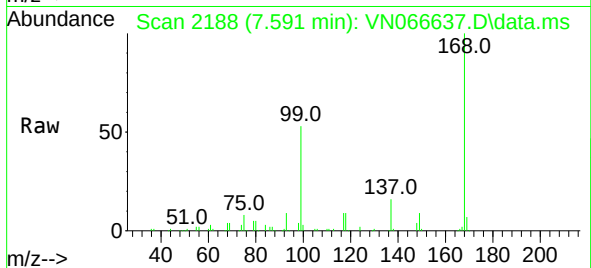
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.2
192	20.7	15.4	23.0



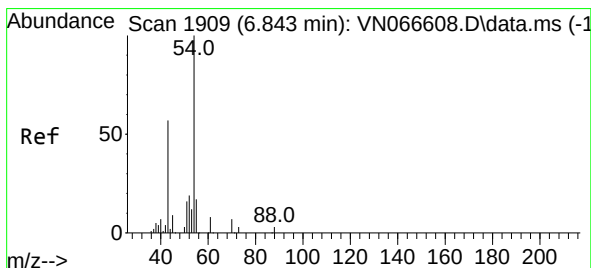
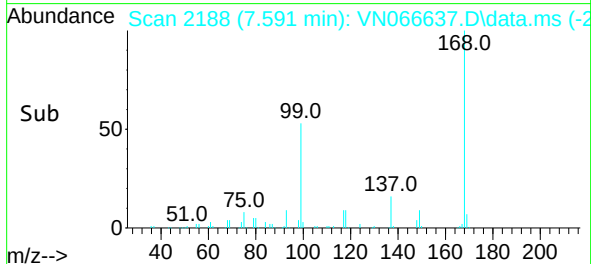
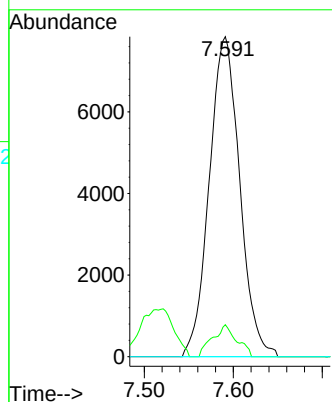


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

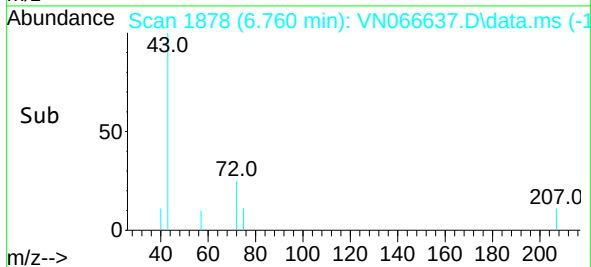
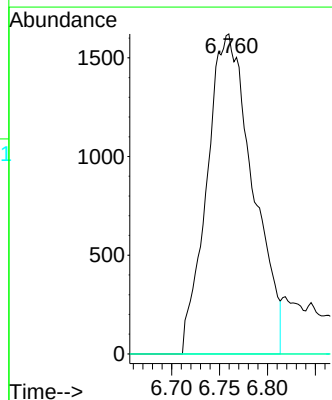
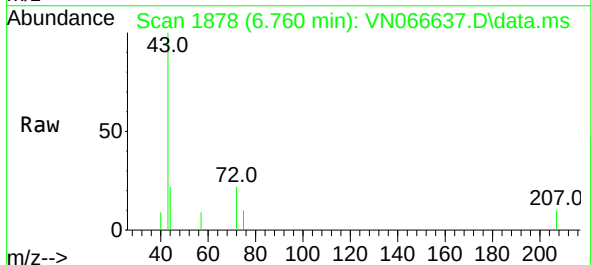


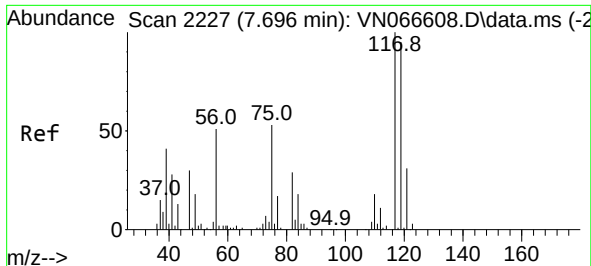
Tgt Ion: 75 Resp: 18650
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.21 ug/l
RT: 6.760 min Scan# 1878
Delta R.T. -0.083 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

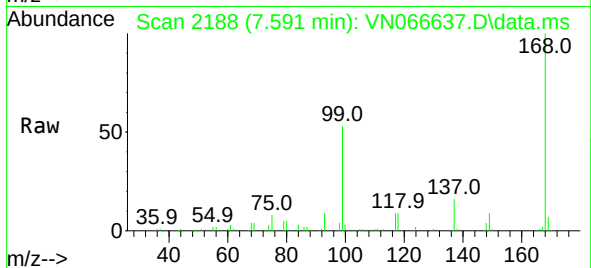
Tgt Ion: 43 Resp: 5403
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



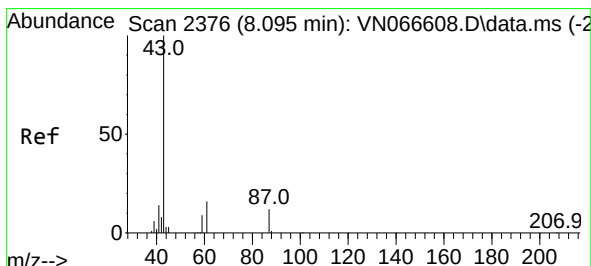
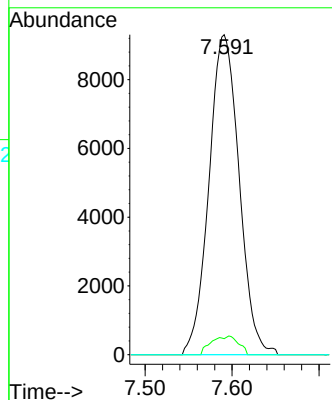
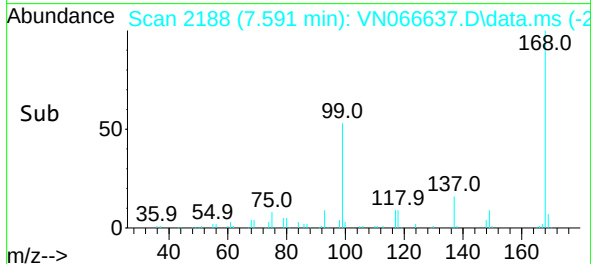


#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

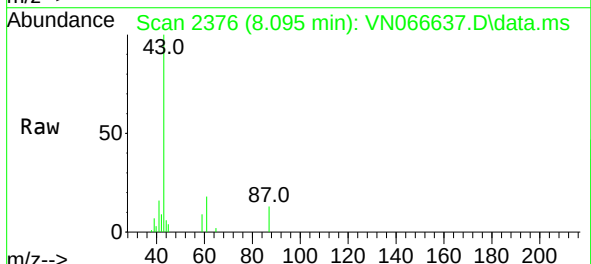
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07



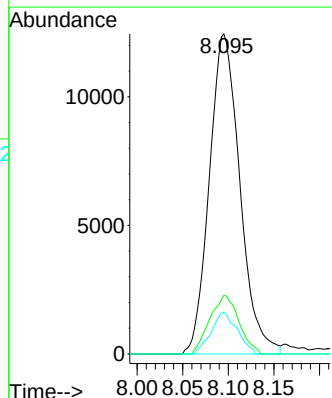
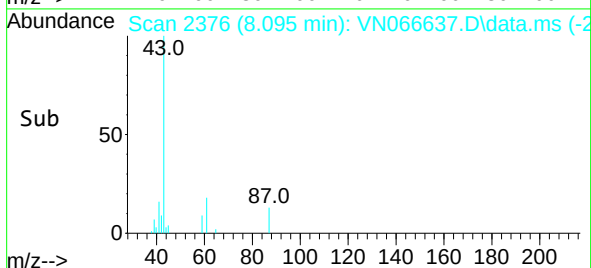
Tgt Ion:117 Resp: 22452
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

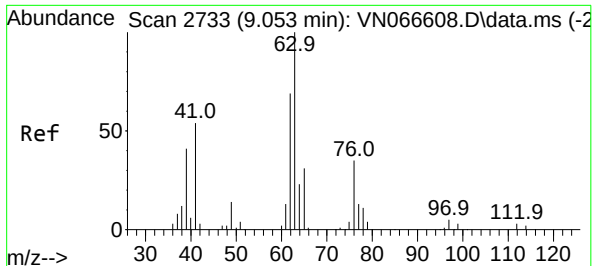


#43
Isopropyl Acetate
Concen: 3.88 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41



Tgt Ion: 43 Resp: 28938
Ion Ratio Lower Upper
43 100
61 17.5 22.5 33.7#
87 11.1 11.1 16.7#

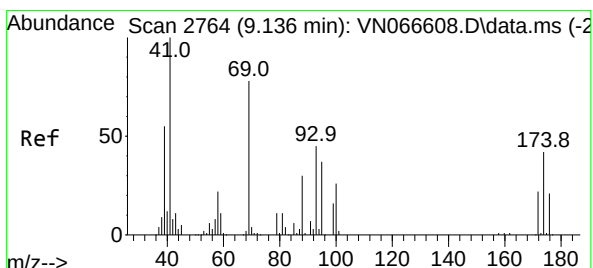
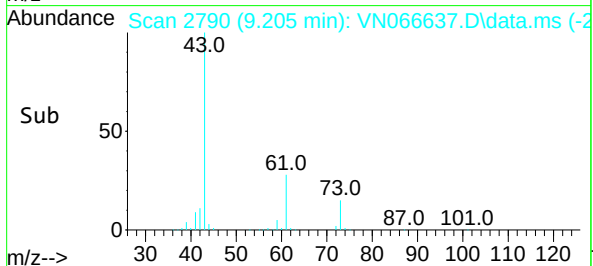
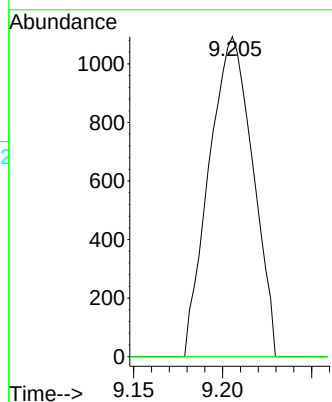
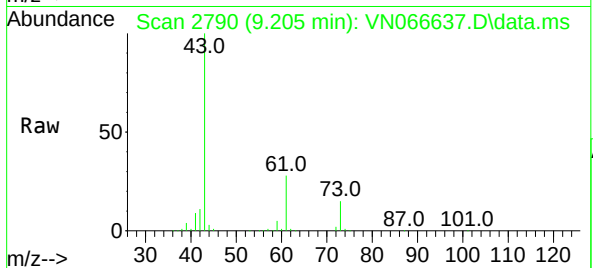




#45
1,2-Dichloropropane
Concen: 0.53 ug/l
RT: 9.205 min Scan# 2790
Delta R.T. 0.152 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

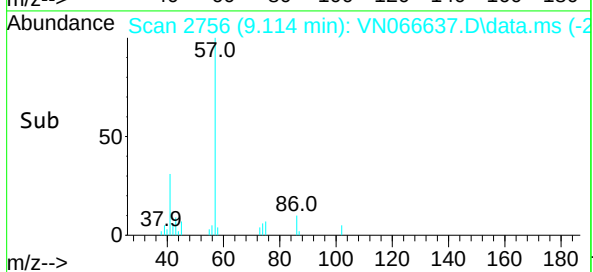
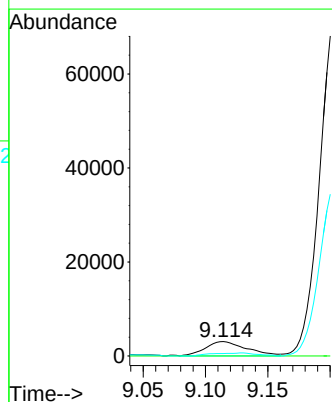
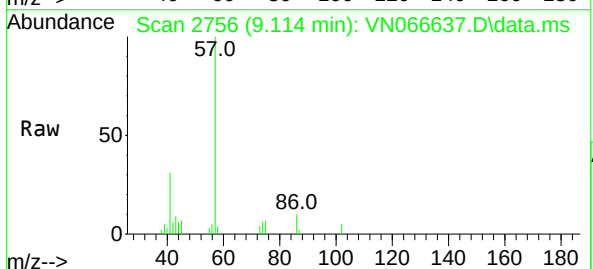
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

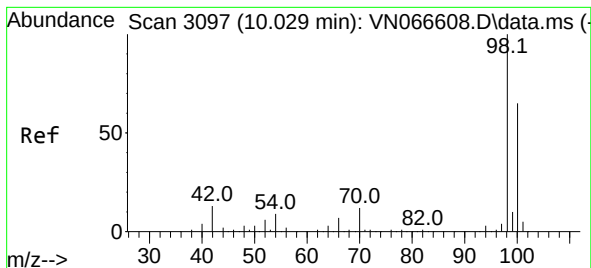
Tgt Ion: 63 Resp: 1868
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 2.12 ug/l
RT: 9.114 min Scan# 2756
Delta R.T. -0.022 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Tgt Ion: 41 Resp: 7098
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

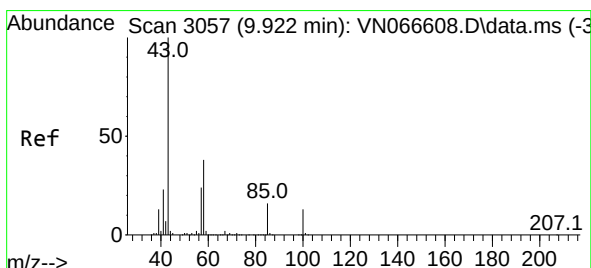
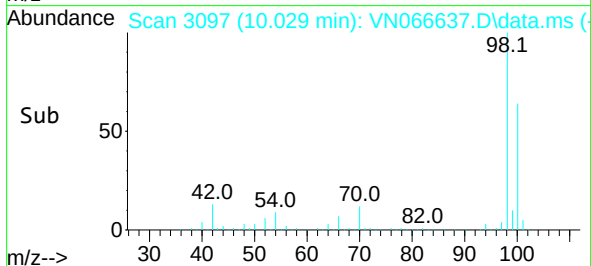
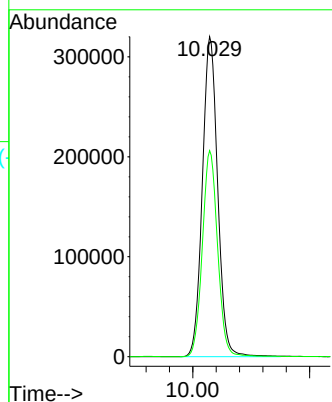
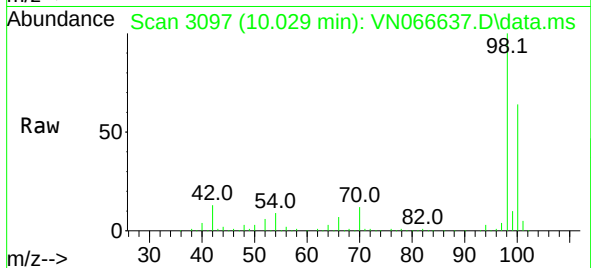




#50
Toluene-d8
Concen: 54.98 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

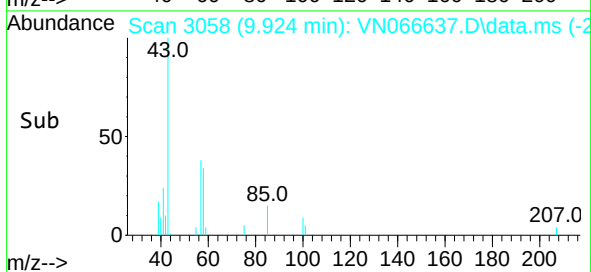
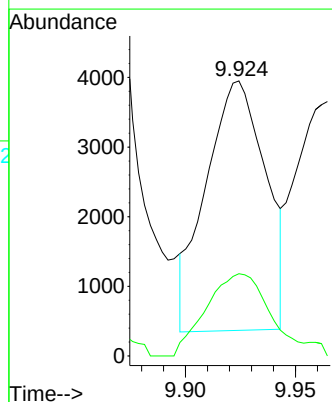
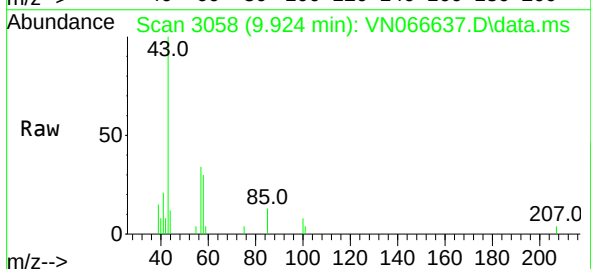
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

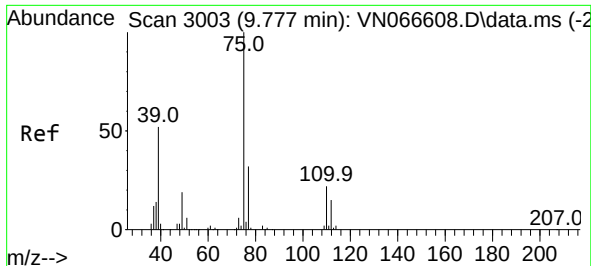
Tgt Ion: 98 Resp: 583508
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.54 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

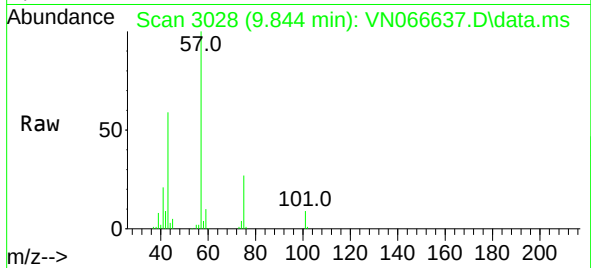
Tgt Ion: 43 Resp: 6753
Ion Ratio Lower Upper
43 100
58 34.9 32.5 48.7



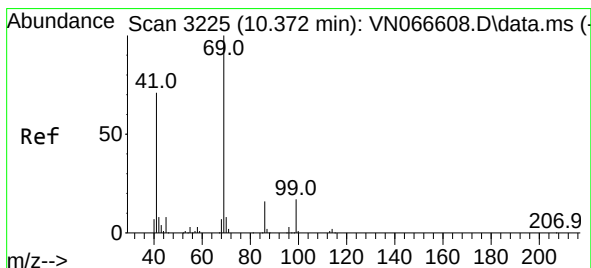
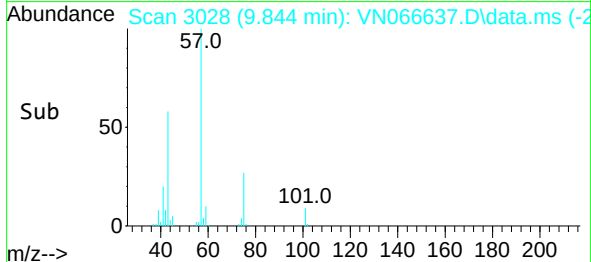
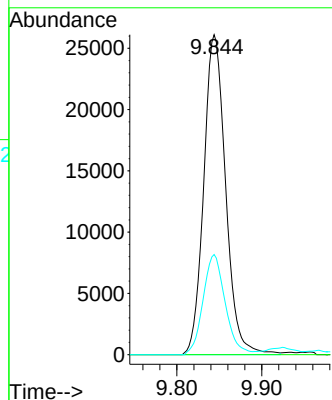


#54
cis-1,3-Dichloropropene
Concen: 9.09 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

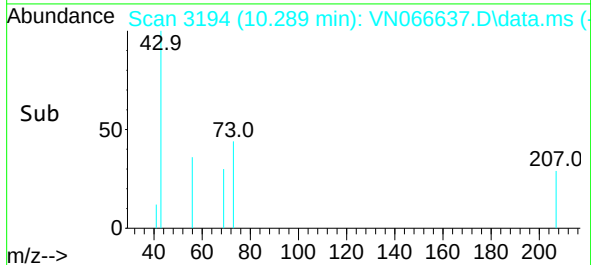
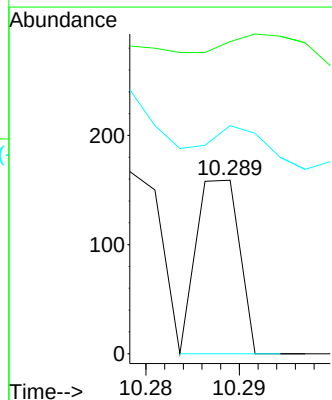
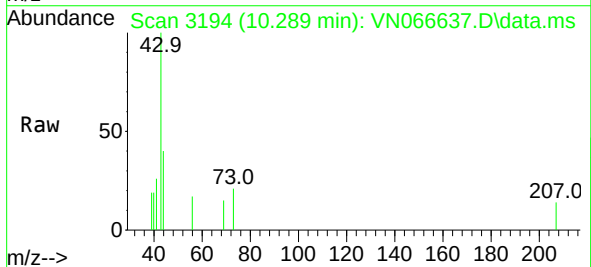


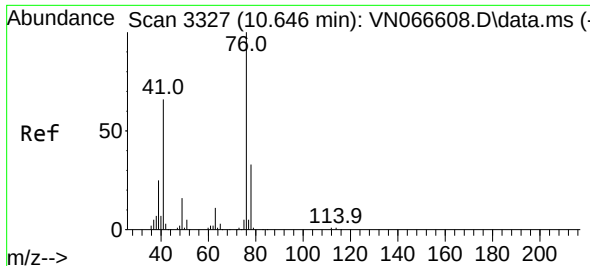
Tgt Ion: 75 Resp: 46731
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 31.3 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.90 ug/l
RT: 10.289 min Scan# 3194
Delta R.T. -0.083 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Tgt Ion: 69 Resp: 51
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

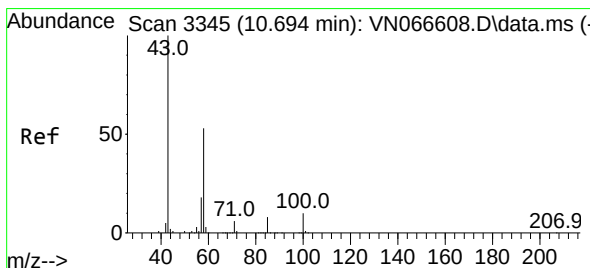
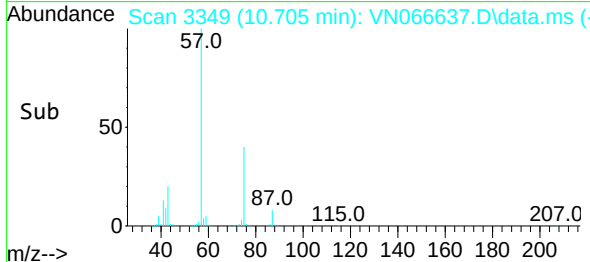
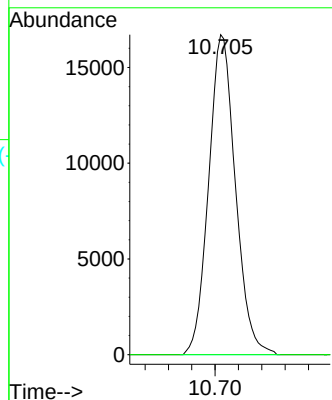
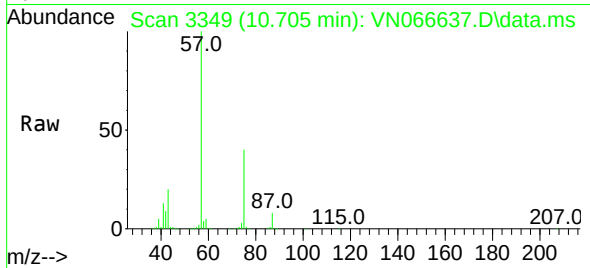




#57
1,3-Dichloropropane
Concen: 5.17 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

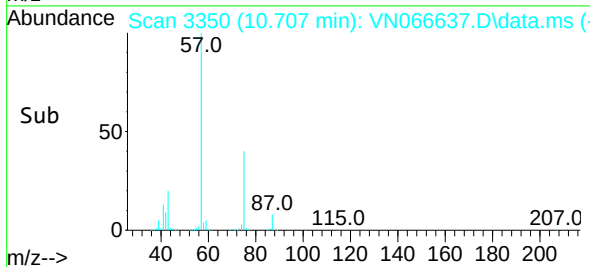
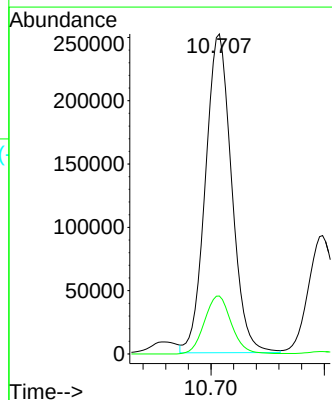
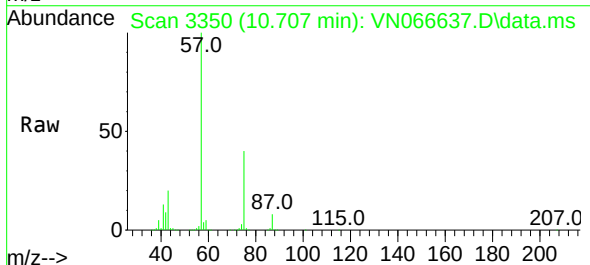
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

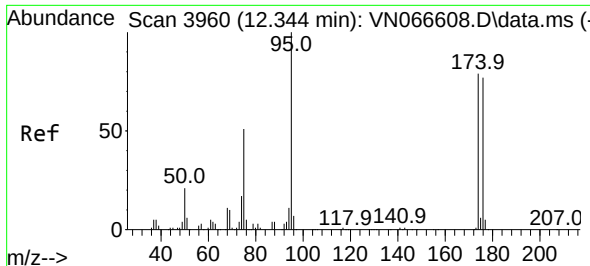
Tgt Ion: 76 Resp: 26587
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 131.69 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Tgt Ion: 43 Resp: 404211
Ion Ratio Lower Upper
43 100
58 18.7 28.1 84.3#

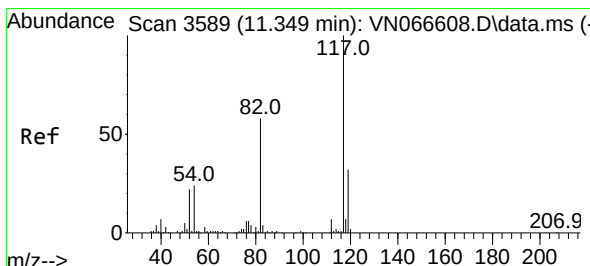
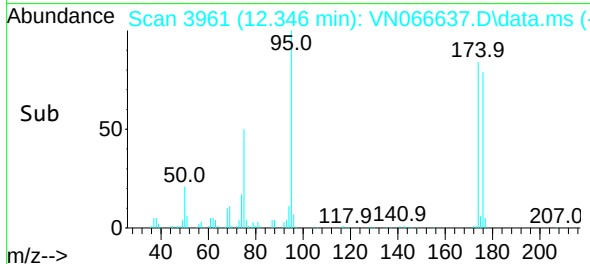
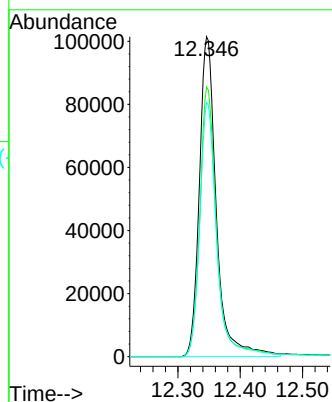
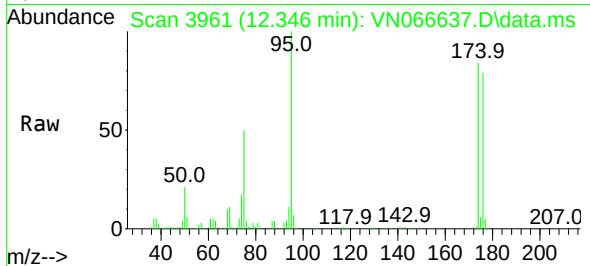




#62
4-Bromofluorobenzene
Concen: 51.46 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

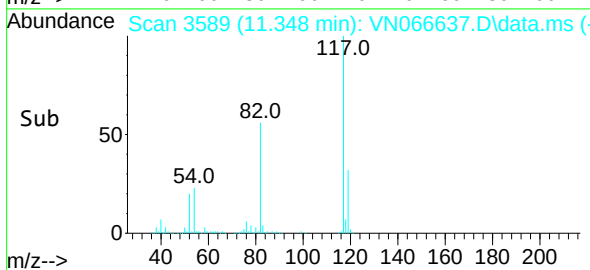
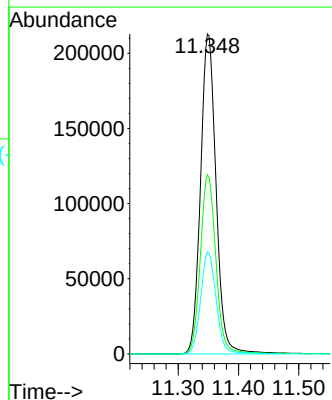
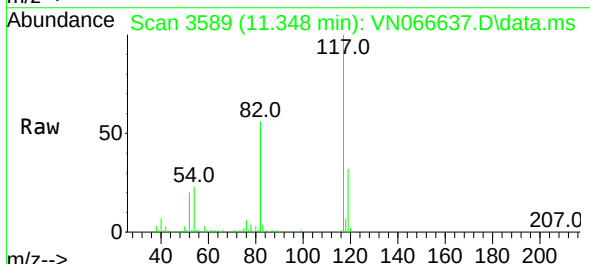
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

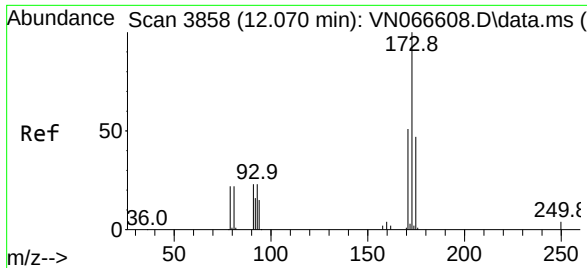
Tgt Ion: 95 Resp: 192020
Ion Ratio Lower Upper
95 100
174 83.9 0.0 169.0
176 79.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Tgt Ion: 117 Resp: 381473
Ion Ratio Lower Upper
117 100
82 56.0 43.7 65.5
119 31.9 26.1 39.1

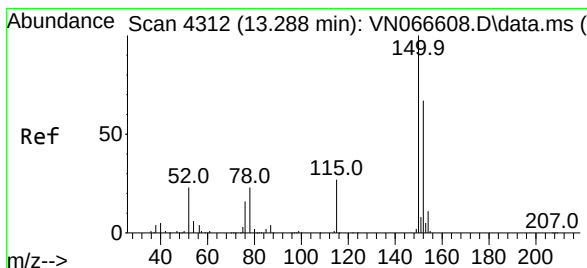
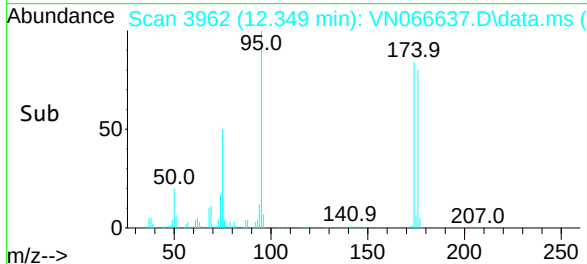
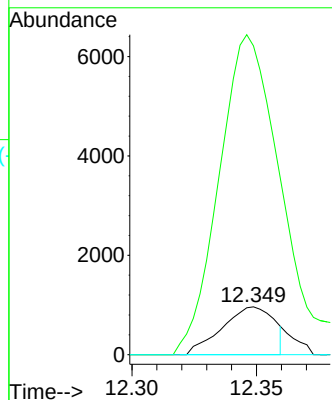
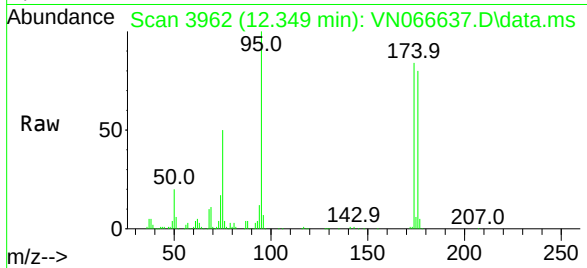




#71
Bromoform
Concen: 0.62 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.279 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

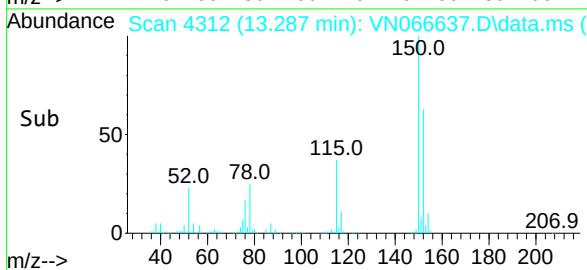
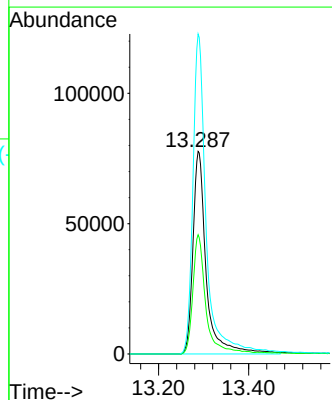
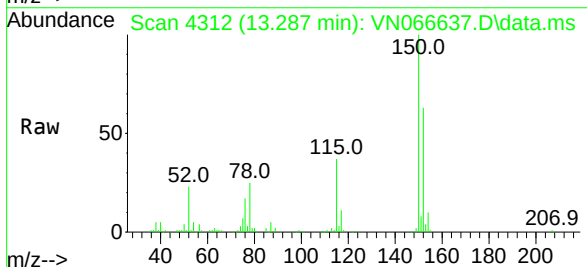
Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

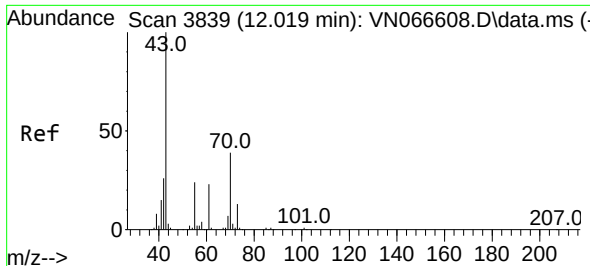
Tgt Ion:173 Resp: 1407
Ion Ratio Lower Upper
173 100
175 673.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. -0.001 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

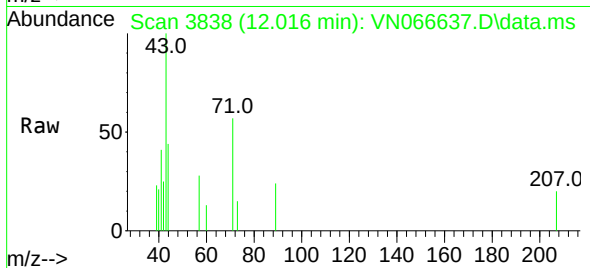
Tgt Ion:152 Resp: 160236
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.6
150 152.9 0.0 347.6



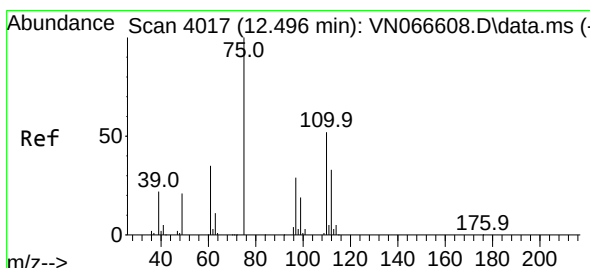
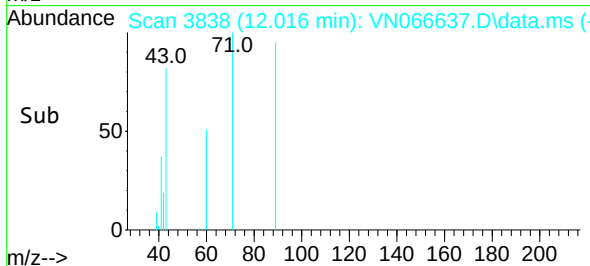
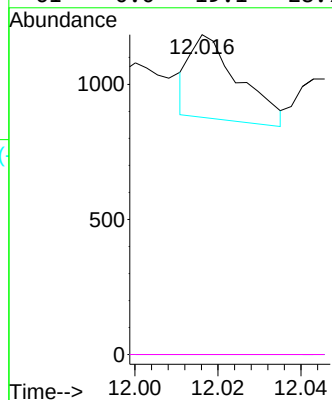


#74
N-amy1 acetate
Concen: 9.78 ug/l
RT: 12.016 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

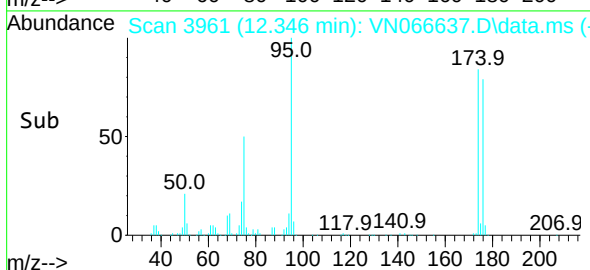
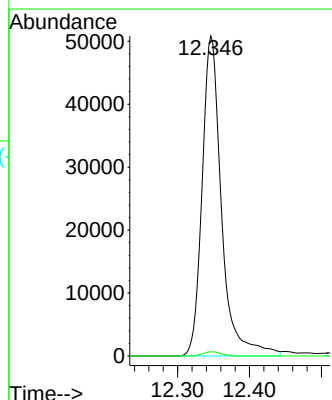
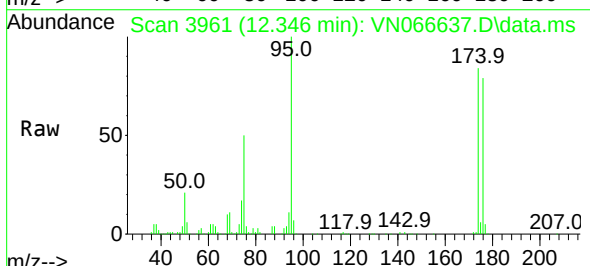


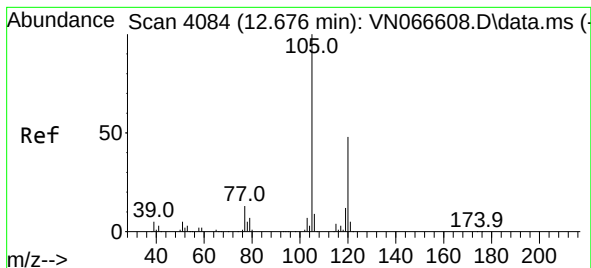
Tgt Ion: 43	Resp: 252
Ion Ratio	Lower Upper
43	100
70	0.0 34.4 51.6#
55	0.0 20.7 31.1#
61	0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 25.49 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Tgt Ion: 75	Resp: 95498
Ion Ratio	Lower Upper
75	100
77	1.2 0.0 0.0#

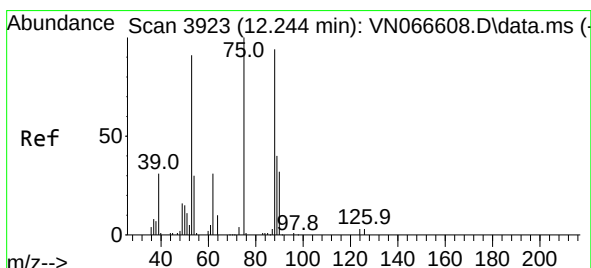
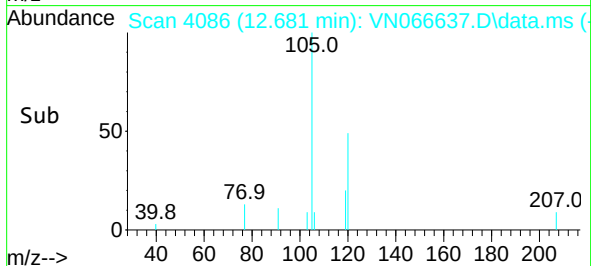
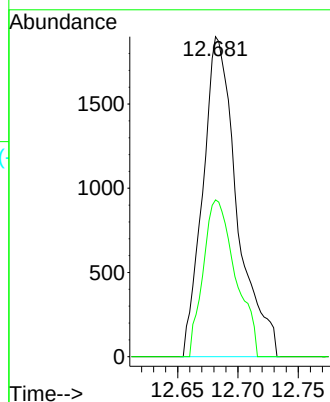
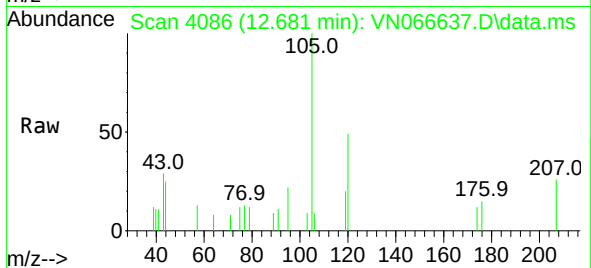




#80
1,3,5-Trimethylbenzene
Concen: 0.36 ug/l
RT: 12.681 min Scan# 4086
Delta R.T. 0.005 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB135768ZHE#07

Tgt Ion:105 Resp: 3744
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 78.66 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066637.D
Acq: 16 Apr 2021 19:41

Tgt Ion: 75 Resp: 95498
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#

