

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066642.D
 Acq On : 16 Apr 2021 21:39
 Operator : JC/MD
 Sample : M2055-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Apr 17 05:21:09 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)

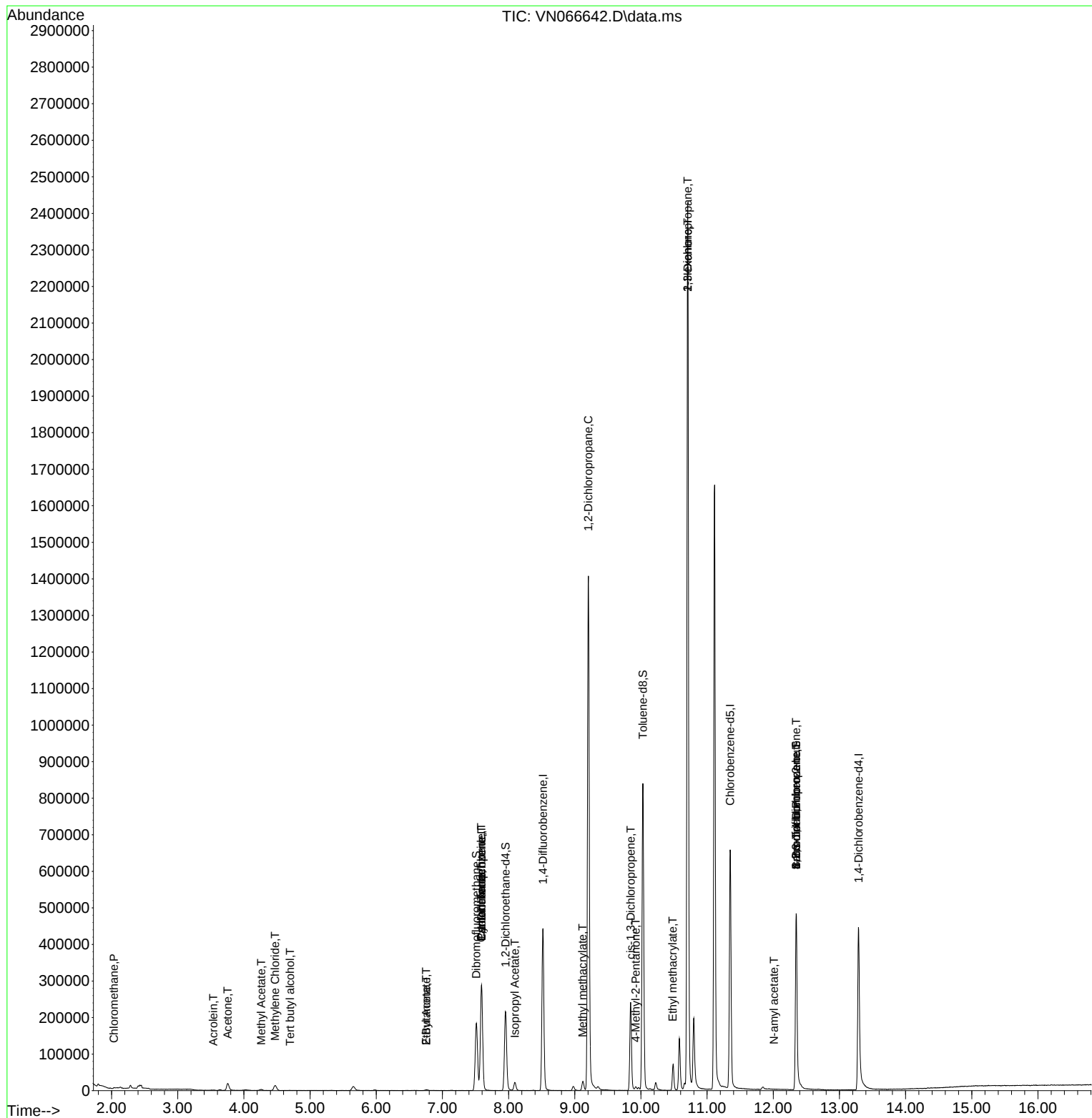
Internal Standards						
1) Pentafluorobenzene	7.591	168	246410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	395039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	381737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	151747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	187258	50.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.74%			
35) Dibromofluoromethane	7.513	113	146508	53.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.96%			
50) Toluene-d8	10.029	98	583087	54.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.60%			
62) 4-Bromofluorobenzene	12.346	95	186486	49.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.78%			
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1270	0.29	ug/l #	80
11) Tert butyl alcohol	4.700	59	542	0.91	ug/l #	73
13) Acrolein	3.538	56	222	0.70	ug/l #	76
16) Acetone	3.756	43	33833	17.56	ug/l	96
18) Methyl Acetate	4.263	43	6303	1.57	ug/l #	84
20) Methylene Chloride	4.472	84	10550	3.00	ug/l	92
25) 2-Butanone	6.754	43	5143	2.35	ug/l	92
31) Cyclohexane	7.591	56	5086	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	18940	4.76	ug/l #	48
37) Ethyl Acetate	6.754	43	5143	1.14	ug/l #	68
38) Carbon Tetrachloride	7.588	117	22224	5.96	ug/l #	17
43) Isopropyl Acetate	8.092	43	28447	3.77	ug/l #	85
45) 1,2-Dichloropropane	9.205	63	1692	0.48	ug/l #	44
48) Methyl methacrylate	9.117	41	7096	2.09	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	6578	1.48	ug/l	92
54) cis-1,3-Dichloropropene	9.846	75	43821	8.42	ug/l #	63
56) Ethyl methacrylate	10.482	69	511	1.00	ug/l #	1
57) 1,3-Dichloropropane	10.707	76	24101	4.63	ug/l #	43
59) 2-Hexanone	10.707	43	363615	117.63	ug/l #	49
71) Bromoform	12.346	173	1216	0.53	ug/l #	1
74) N-amyl acetate	12.011	43	225	9.78	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	94144	26.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	94144	81.80	ug/l #	12

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

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TP-9

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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

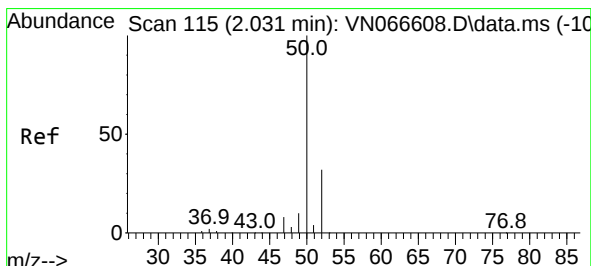
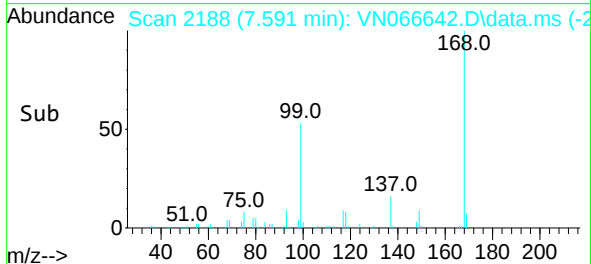
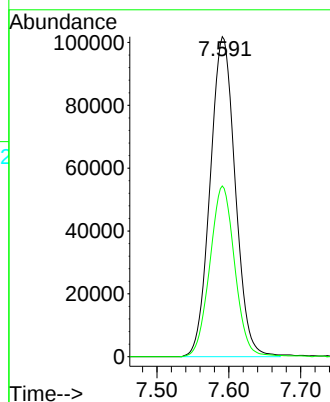
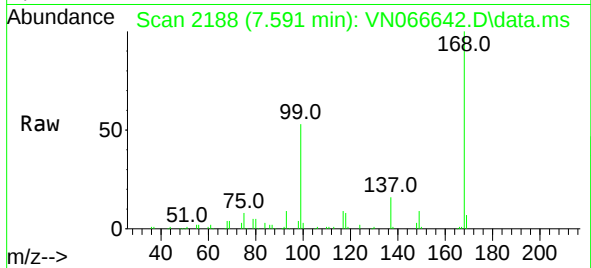




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

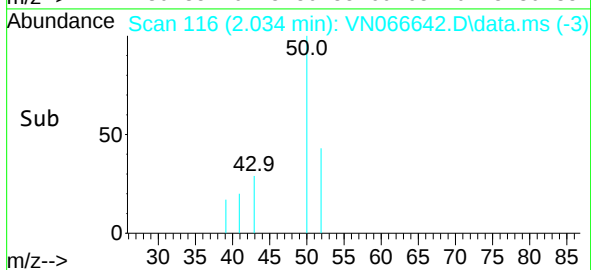
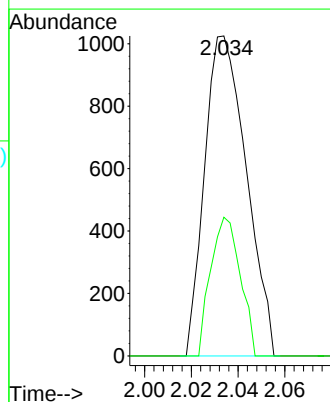
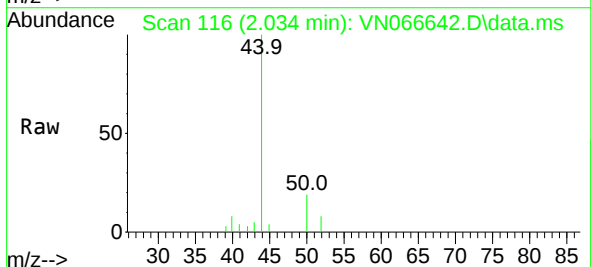
Instrument :
MSVOA_N
ClientSampled :
TP-9

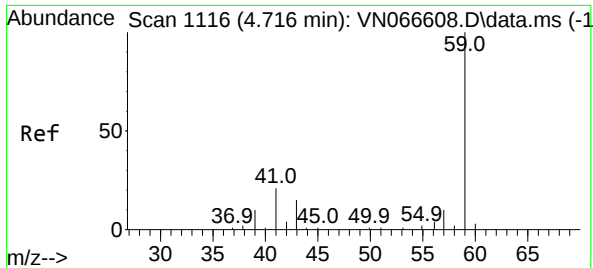
Tgt Ion:168 Resp: 246410
Ion Ratio Lower Upper
168 100
99 53.4 42.6 63.8



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 50 Resp: 1270
Ion Ratio Lower Upper
50 100
52 43.3 25.8 38.8#



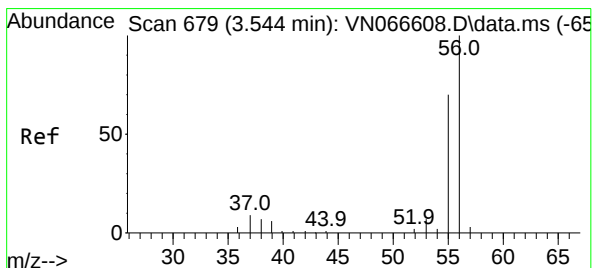
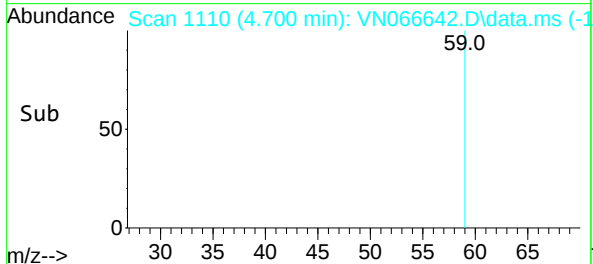
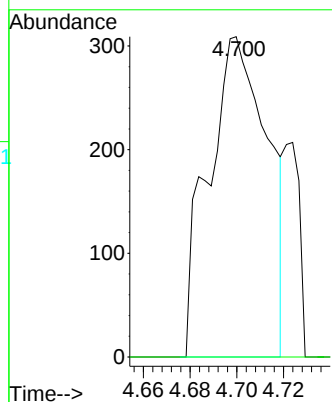
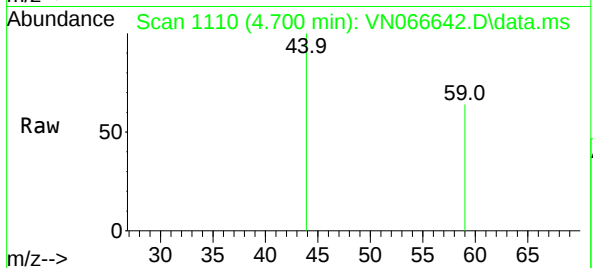


#11

Tert butyl alcohol
Concen: 0.91 ug/l
RT: 4.700 min Scan# 1110
Delta R.T. -0.016 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Instrument :
MSVOA_N
ClientSampled :
TP-9

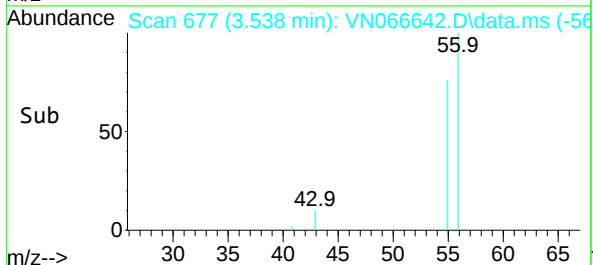
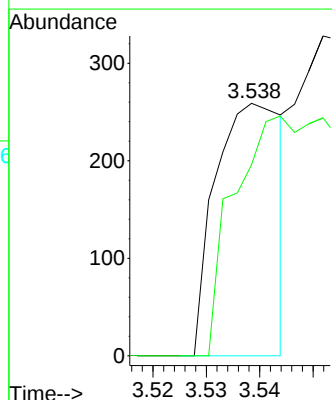
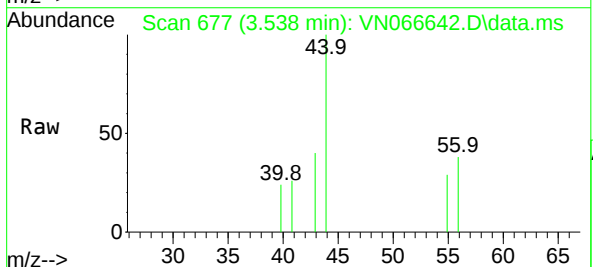
Tgt Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

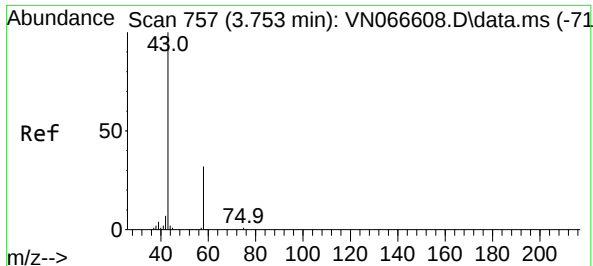


#13

Acrolein
Concen: 0.70 ug/l
RT: 3.538 min Scan# 677
Delta R.T. -0.006 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 89.6 56.0 84.0#

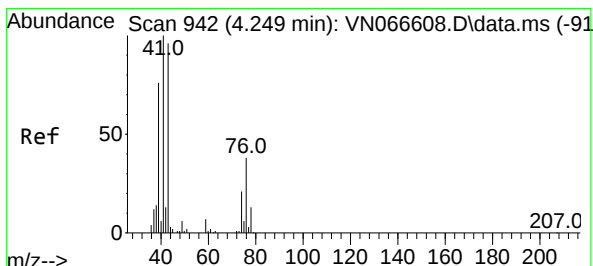
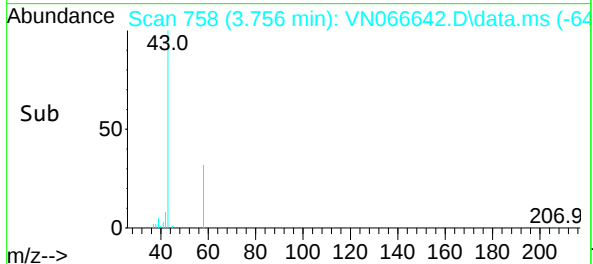
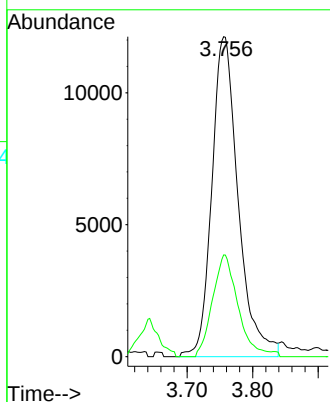
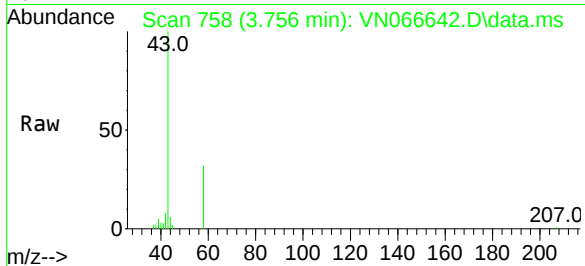




#16
Acetone
Concen: 17.56 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

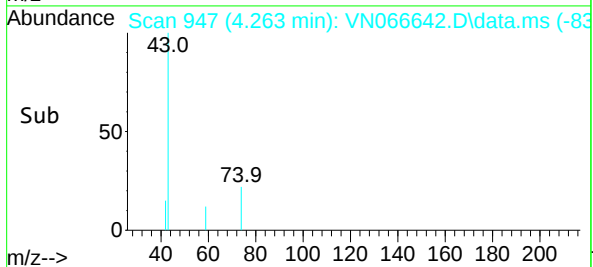
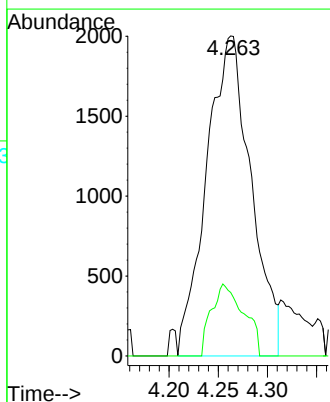
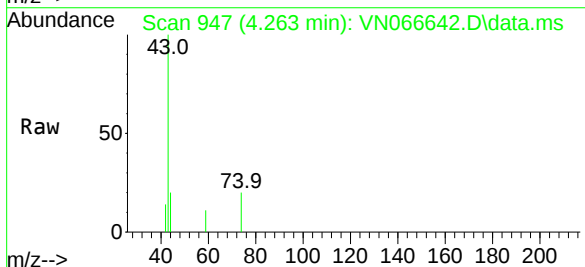
Instrument :
MSVOA_N
ClientSampled :
TP-9

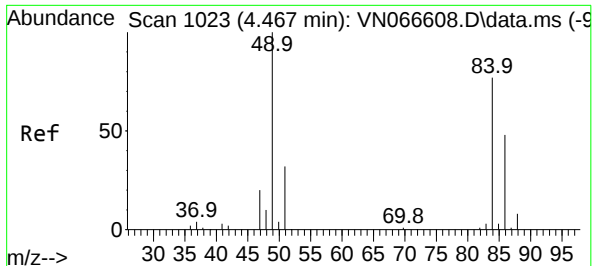
Tgt Ion: 43 Resp: 33833
Ion Ratio Lower Upper
43 100
58 31.8 27.0 40.6



#18
Methyl Acetate
Concen: 1.57 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.014 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 43 Resp: 6303
Ion Ratio Lower Upper
43 100
74 16.3 19.5 29.3#

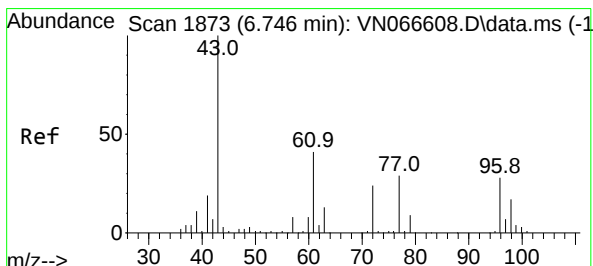
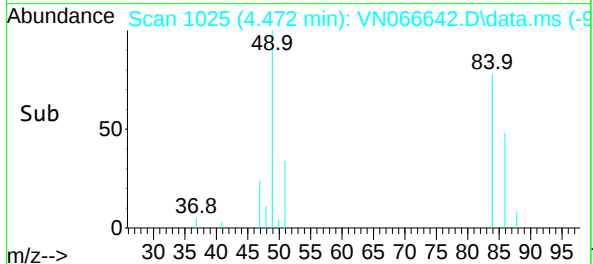
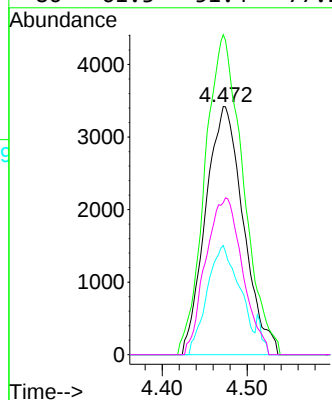
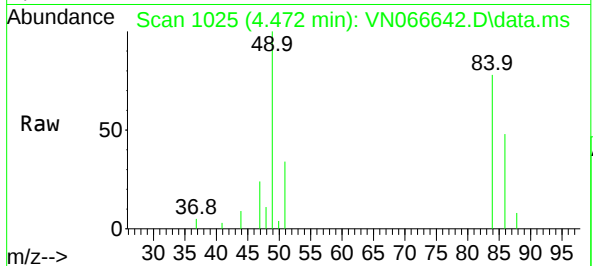




#20
Methylene Chloride
Concen: 3.00 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.005 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

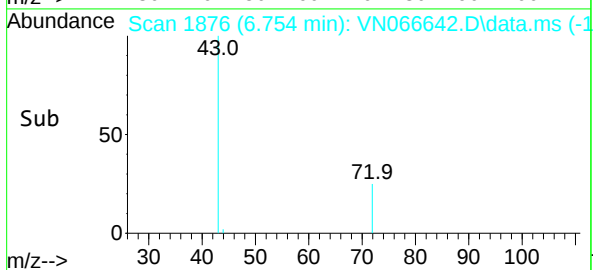
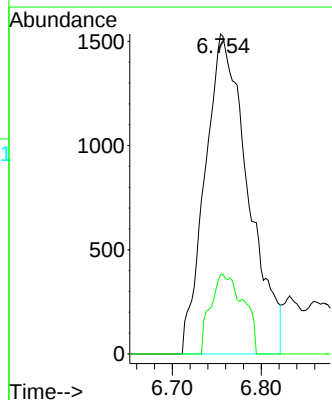
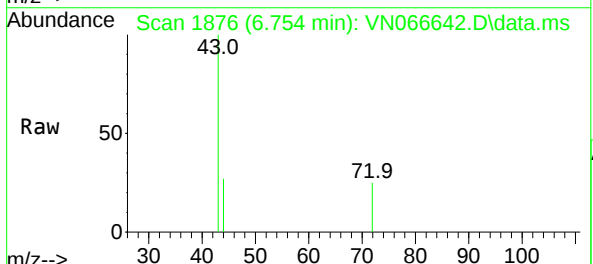
Instrument :
MSVOA_N
ClientSampled :
TP-9

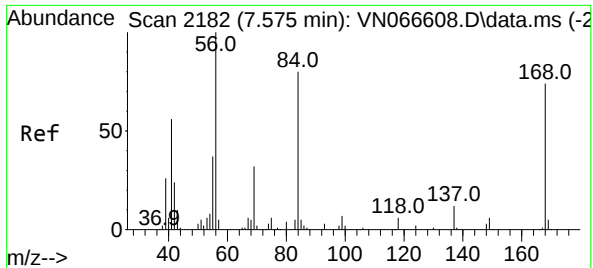
Tgt Ion:	84	Resp:	10550
Ion	Ratio	Lower	Upper
84	100		
49	129.0	94.6	141.8
51	44.0	29.9	44.9
86	61.3	51.4	77.2



#25
2-Butanone
Concen: 2.35 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion:	43	Resp:	5143
Ion	Ratio	Lower	Upper
43	100		
72	24.8	23.1	34.7

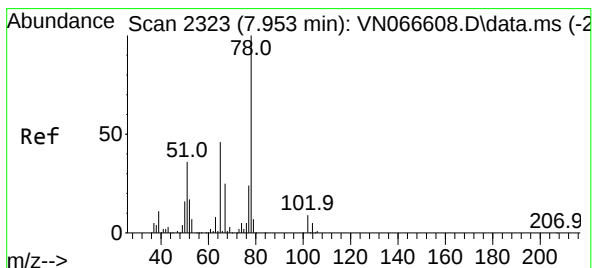
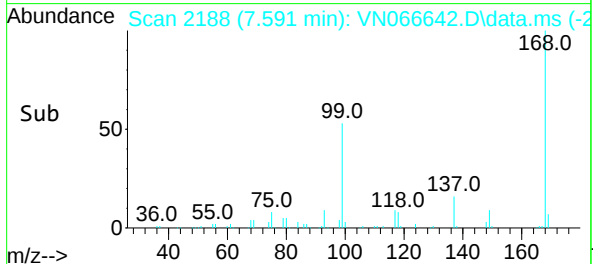
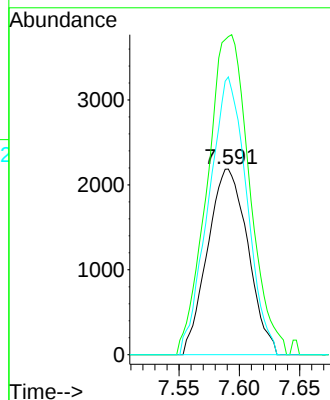
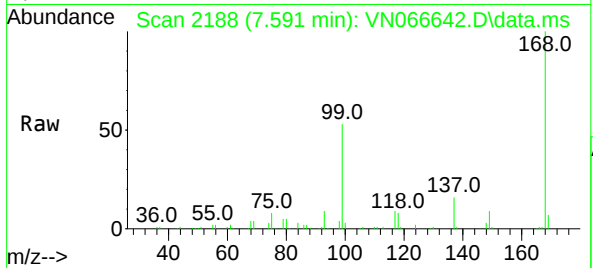




#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

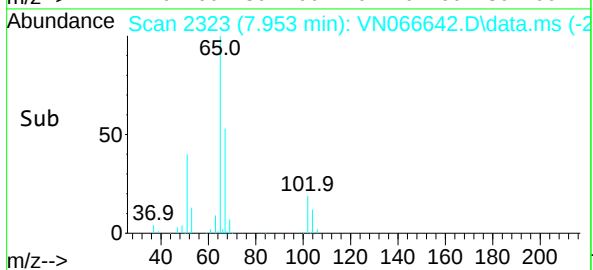
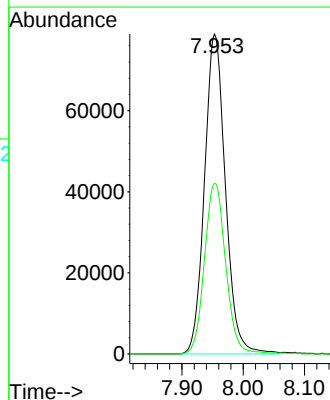
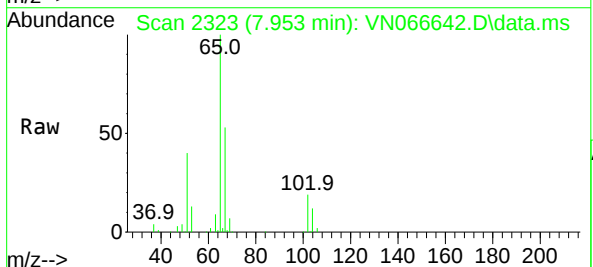
Instrument :
MSVOA_N
ClientSampleId :
TP-9

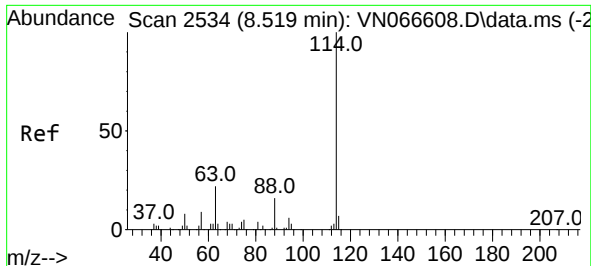
Tgt Ion: 56 Resp: 5086
Ion Ratio Lower Upper
56 100
69 163.6 26.6 39.8#
84 149.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 50.37 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

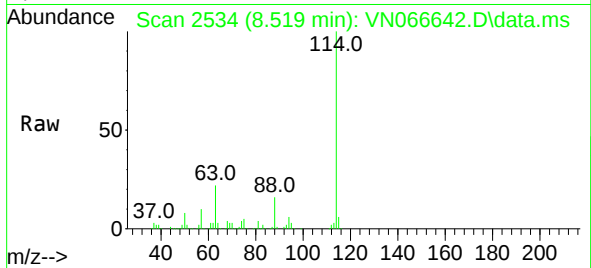
Tgt Ion: 65 Resp: 187258
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



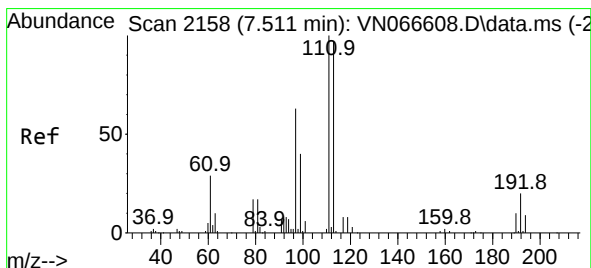
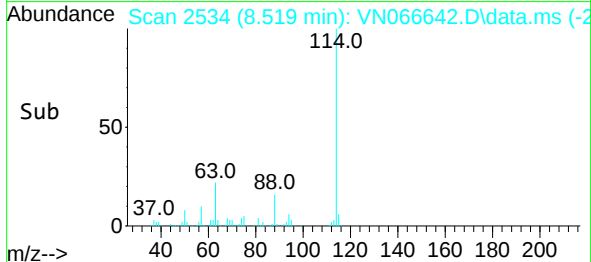
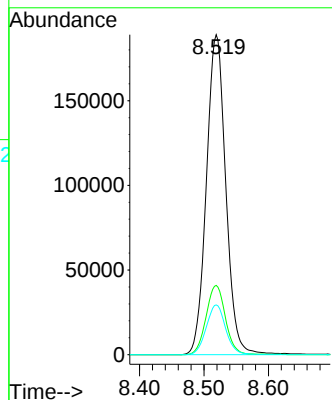


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Instrument :
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ClientSampleId :
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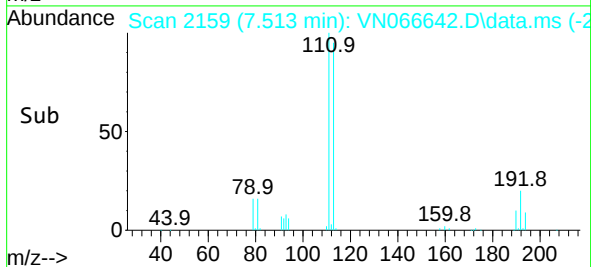
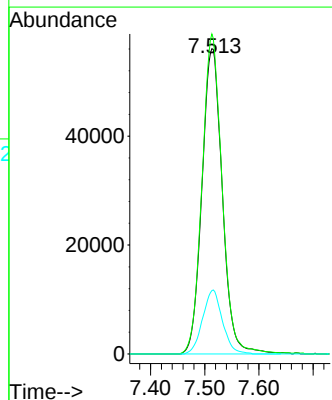
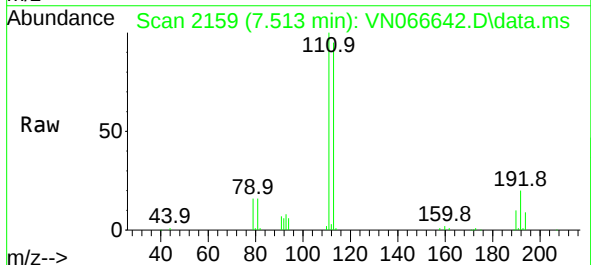


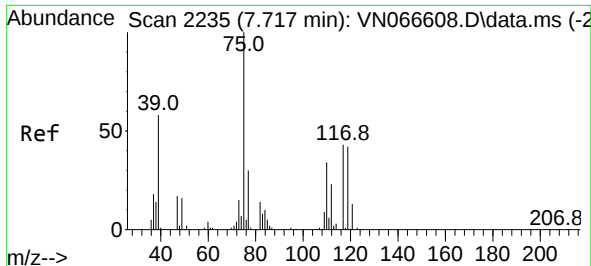
Tgt Ion:	114	Resp:	395039
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	38.6
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.48 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

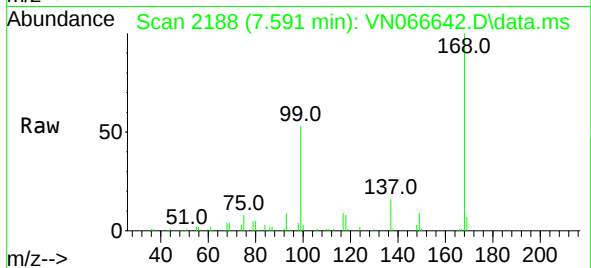
Tgt Ion:	113	Resp:	146508
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.2	123.2
192	20.3	15.4	23.0



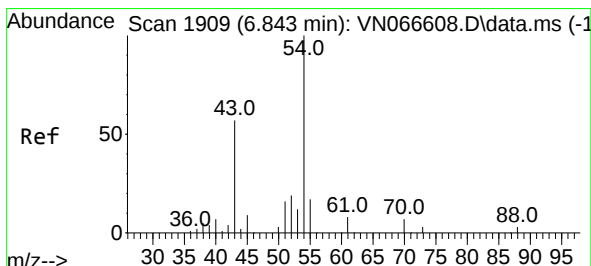
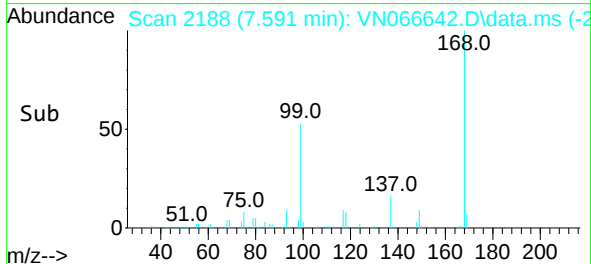
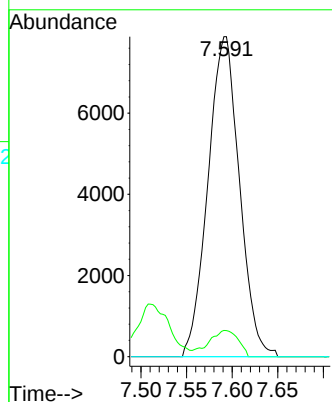


#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Instrument :
MSVOA_N
ClientSampled :
TP-9

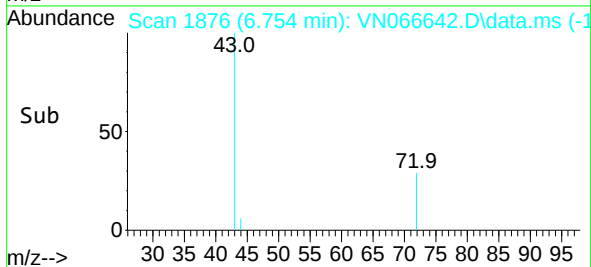
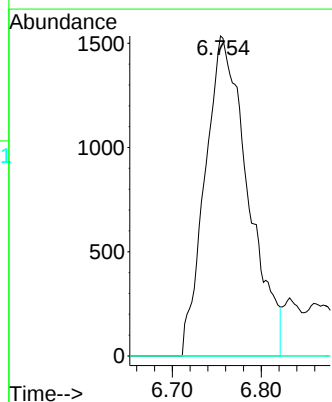
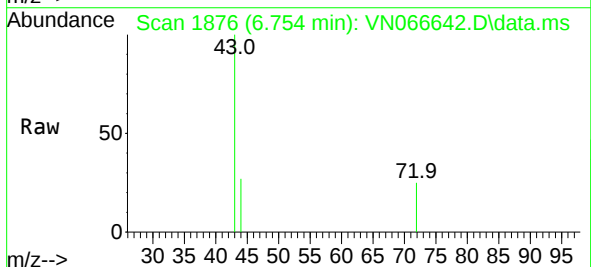


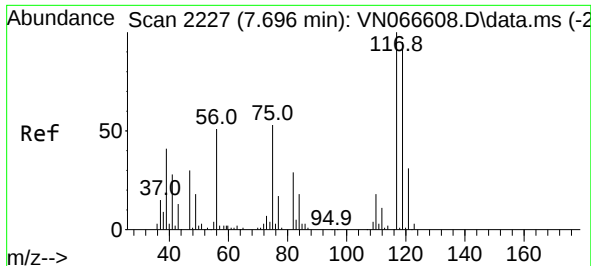
Tgt Ion: 75 Resp: 18940
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.14 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. -0.089 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

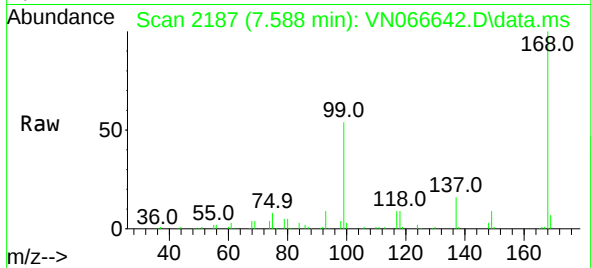
Tgt Ion: 43 Resp: 5143
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



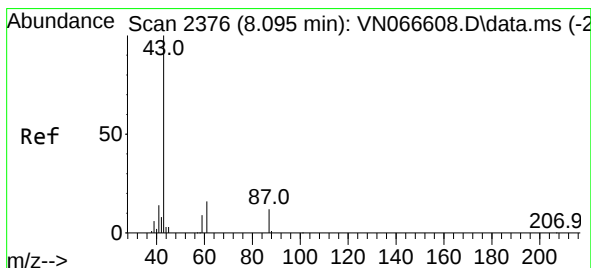
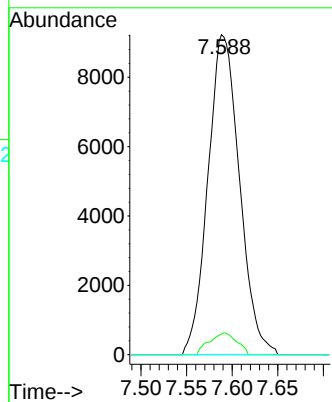
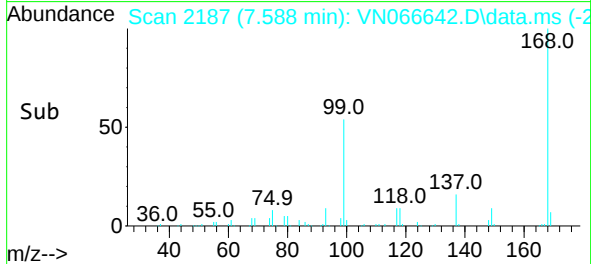


#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.108 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

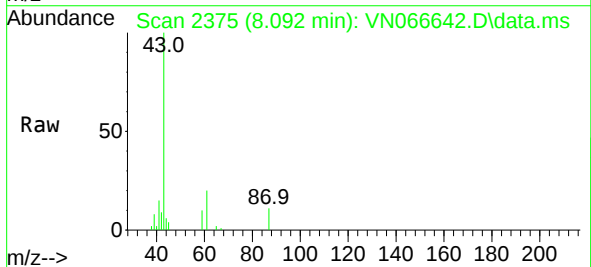
Instrument :
MSVOA_N
ClientSampled :
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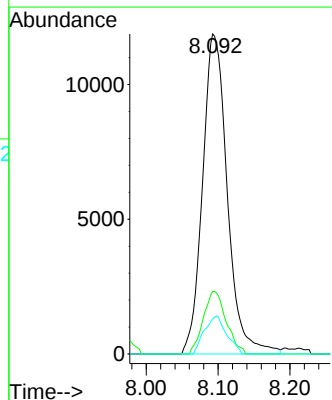
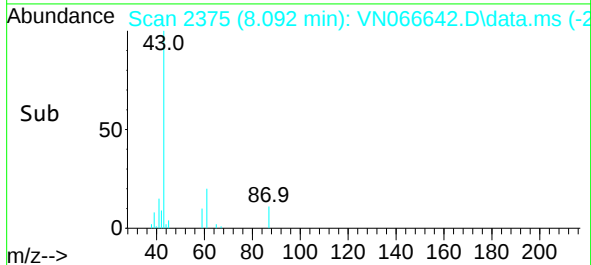
Tgt Ion:117 Resp: 22224
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#

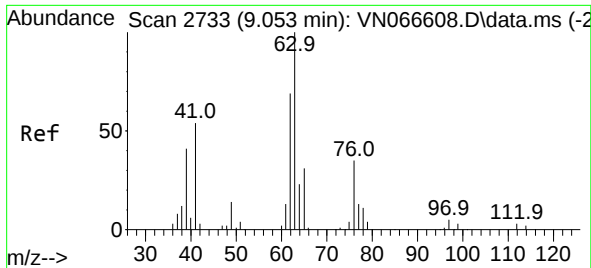


#43
Isopropyl Acetate
Concen: 3.77 ug/l
RT: 8.092 min Scan# 2375
Delta R.T. -0.003 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39



Tgt Ion: 43 Resp: 28447
Ion Ratio Lower Upper
43 100
61 18.1 22.5 33.7#
87 10.6 11.1 16.7#

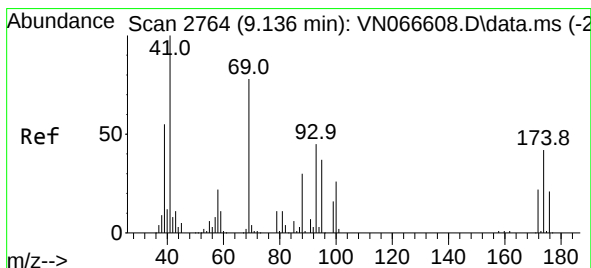
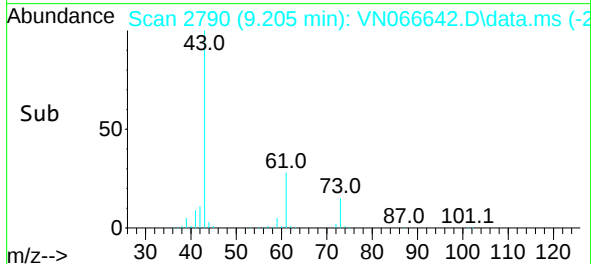
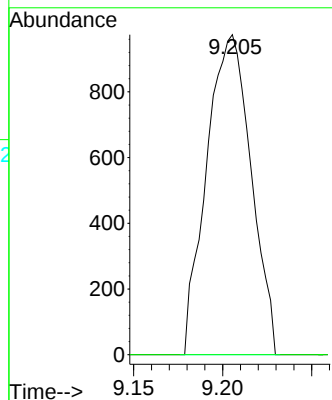
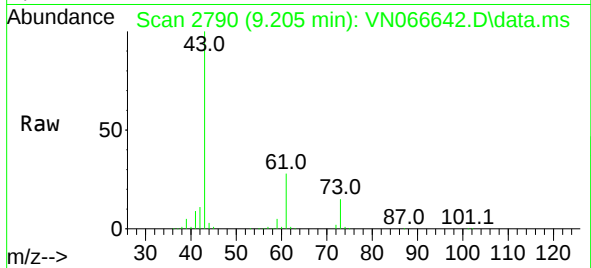




#45
1,2-Dichloropropane
Concen: 0.48 ug/l
RT: 9.205 min Scan# 2790
Delta R.T. 0.152 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

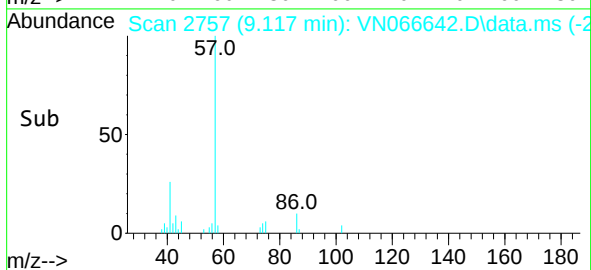
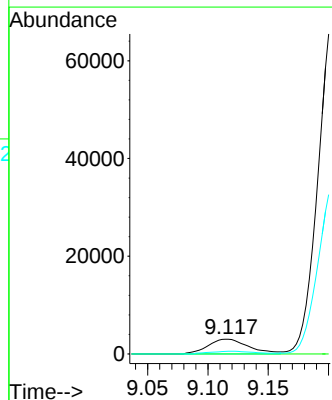
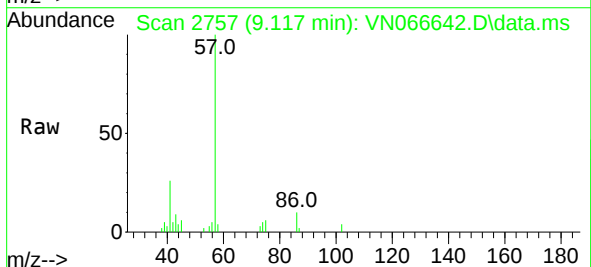
Instrument :
MSVOA_N
ClientSampled :
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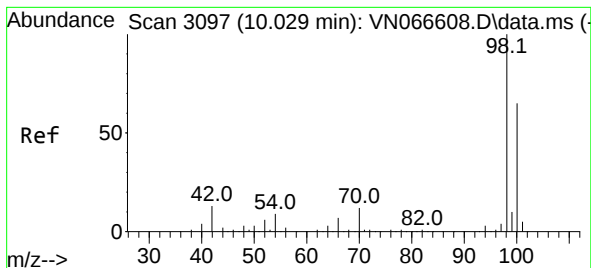
Tgt Ion: 63 Resp: 1692
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 2.09 ug/l
RT: 9.117 min Scan# 2757
Delta R.T. -0.019 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 41 Resp: 7096
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

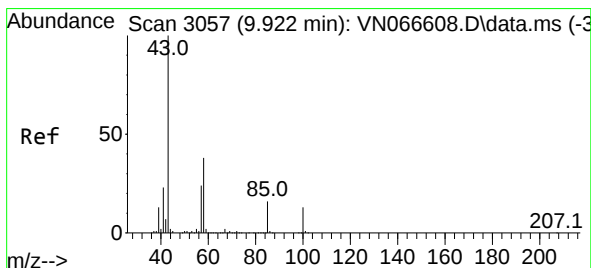
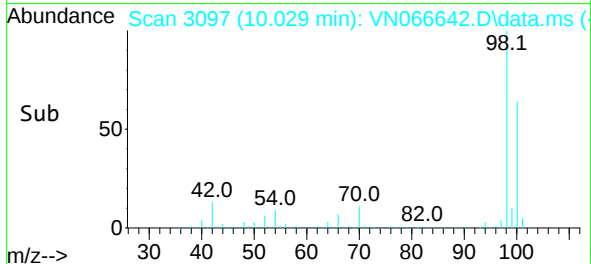
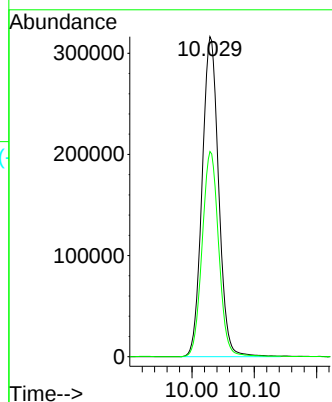
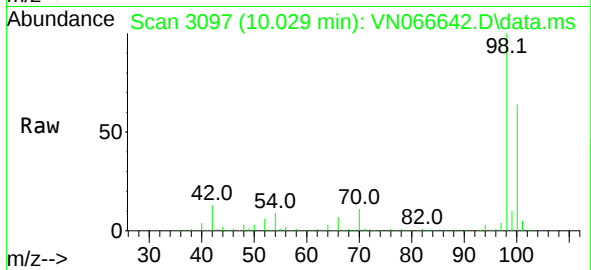




#50
Toluene-d8
Concen: 54.30 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

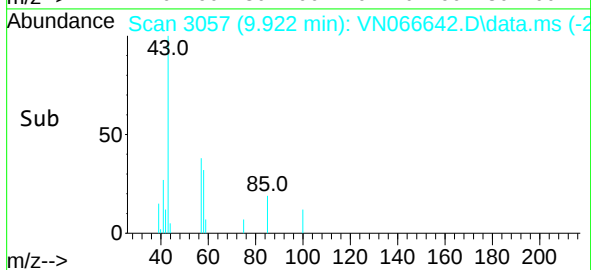
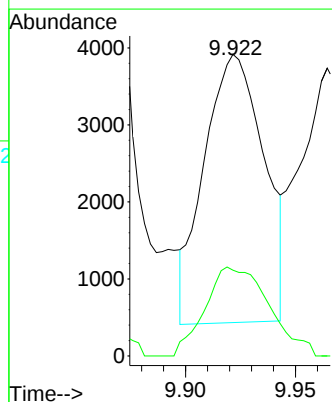
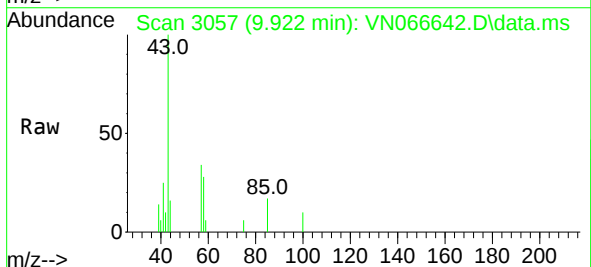
Instrument :
MSVOA_N
ClientSampled :
TP-9

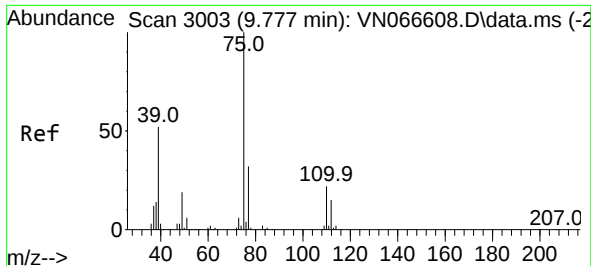
Tgt Ion: 98 Resp: 583087
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.48 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 43 Resp: 6578
Ion Ratio Lower Upper
43 100
58 35.5 32.5 48.7

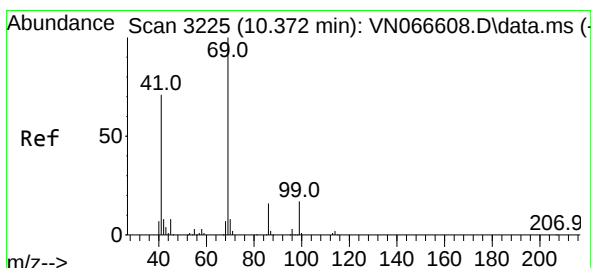
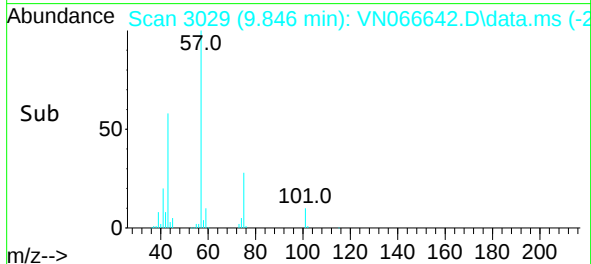
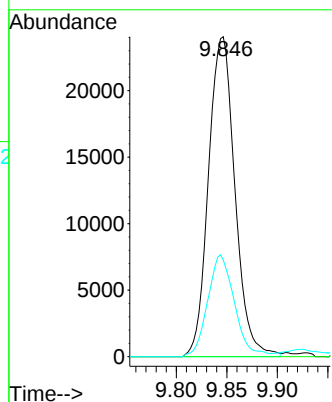
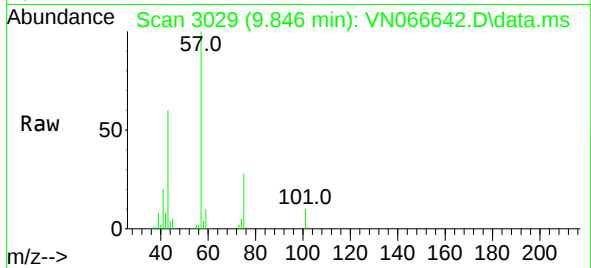




#54
cis-1,3-Dichloropropene
Concen: 8.42 ug/l
RT: 9.846 min Scan# 3029
Delta R.T. 0.069 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

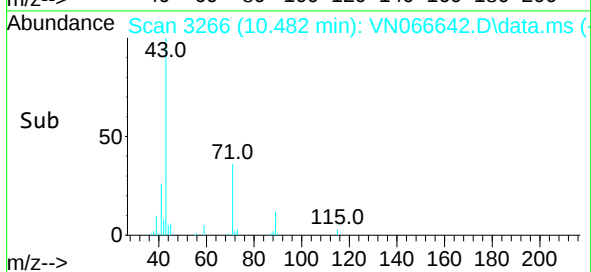
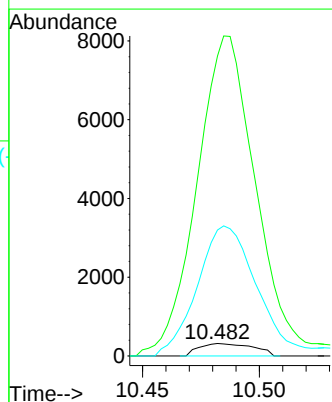
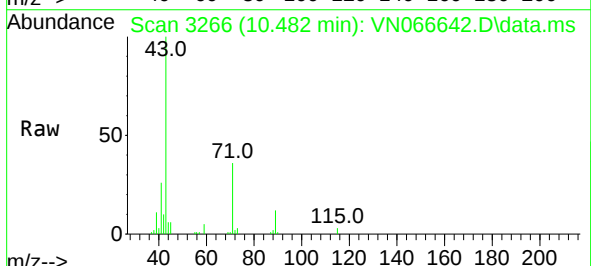
Instrument :
MSVOA_N
ClientSampled :
TP-9

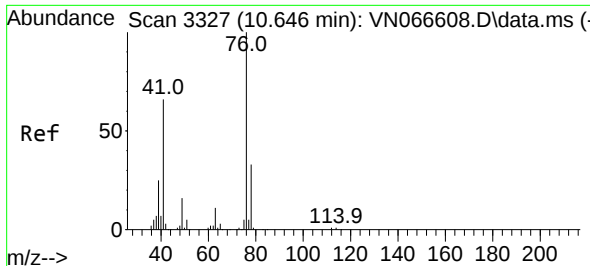
Tgt Ion: 75 Resp: 43821
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 30.2 36.2 54.4#



#56
Ethyl methacrylate
Concen: 1.00 ug/l
RT: 10.482 min Scan# 3266
Delta R.T. 0.110 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 69 Resp: 511
Ion Ratio Lower Upper
69 100
41 2798.6 49.6 74.4#
39 1142.1 28.0 42.0#

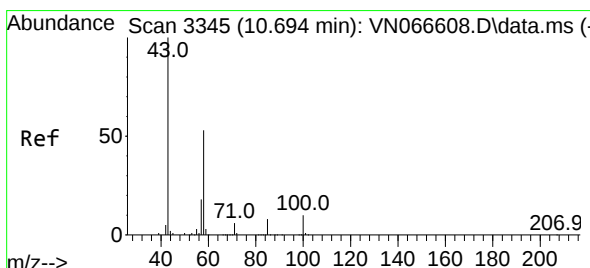
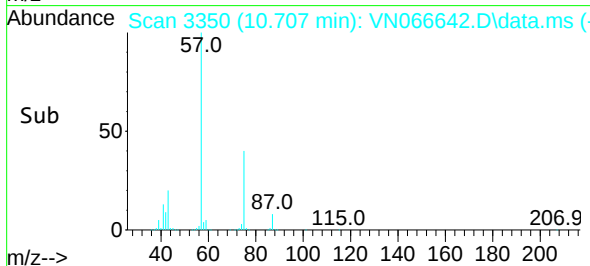
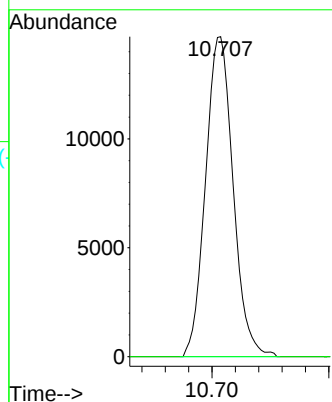
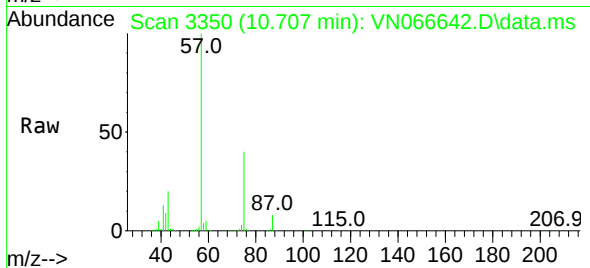




#57
1,3-Dichloropropane
Concen: 4.63 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

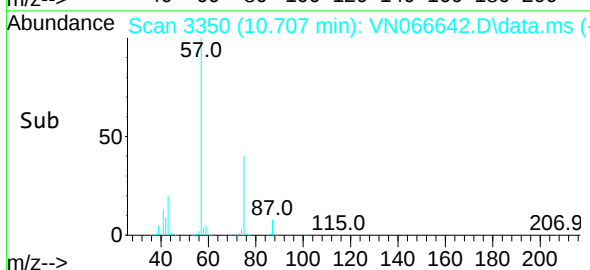
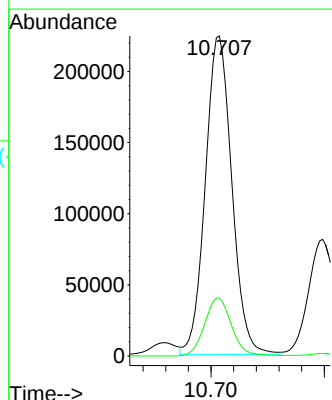
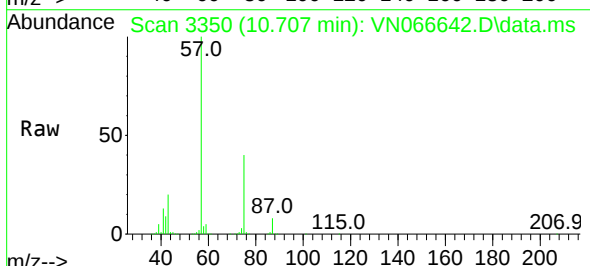
Instrument :
MSVOA_N
ClientSampled :
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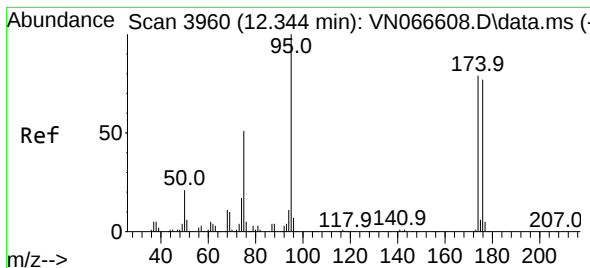
Tgt Ion: 76 Resp: 24101
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 117.63 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 43 Resp: 363615
Ion Ratio Lower Upper
43 100
58 18.6 28.1 84.3#

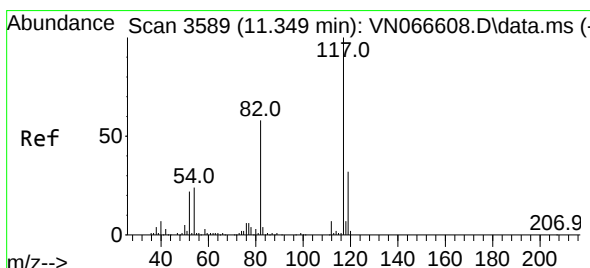
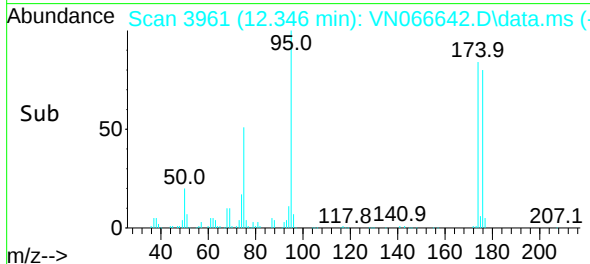
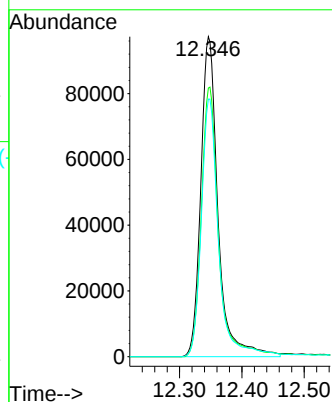
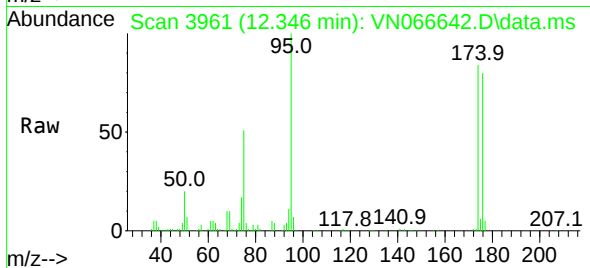




#62
4-Bromofluorobenzene
Concen: 49.39 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

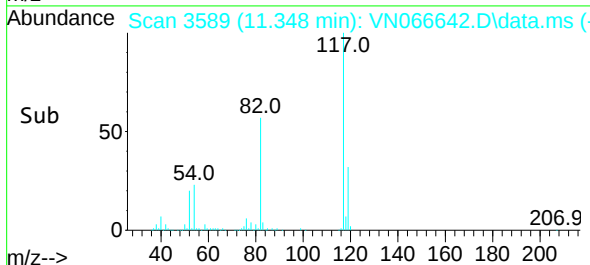
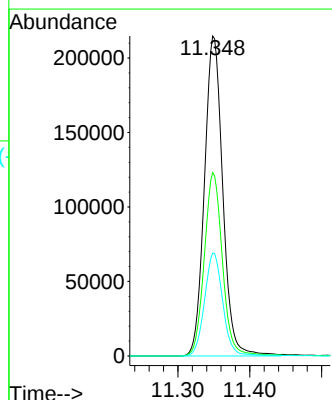
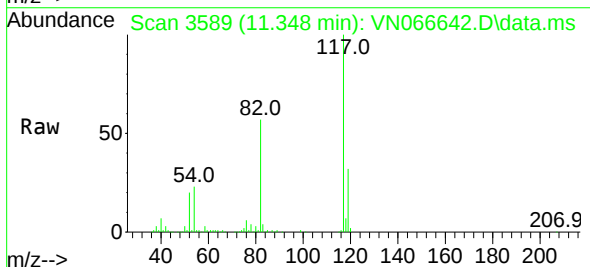
Instrument :
MSVOA_N
ClientSampleId :
TP-9

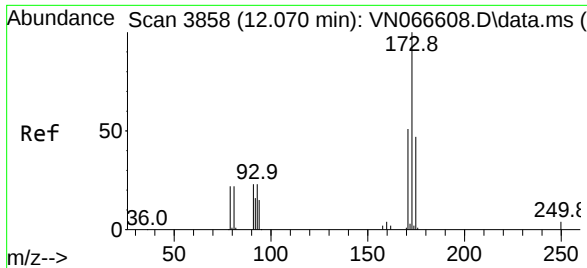
Tgt Ion: 95 Resp: 186486
Ion Ratio Lower Upper
95 100
174 84.5 0.0 169.0
176 81.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion: 117 Resp: 381737
Ion Ratio Lower Upper
117 100
82 57.3 43.7 65.5
119 32.2 26.1 39.1

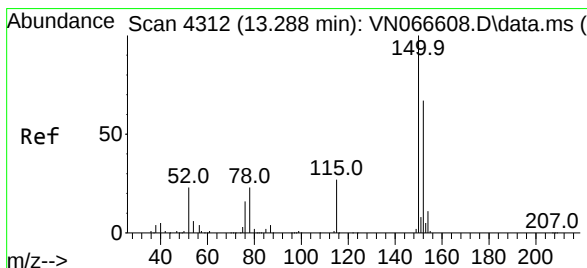
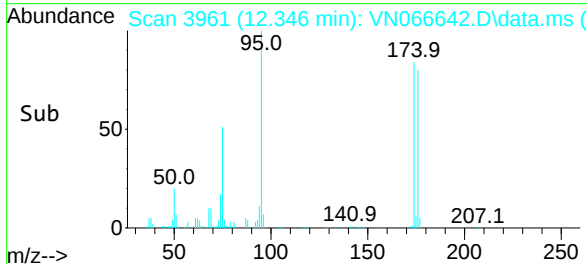
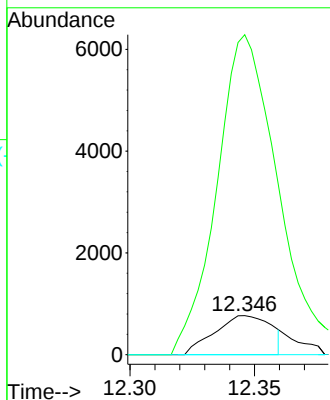
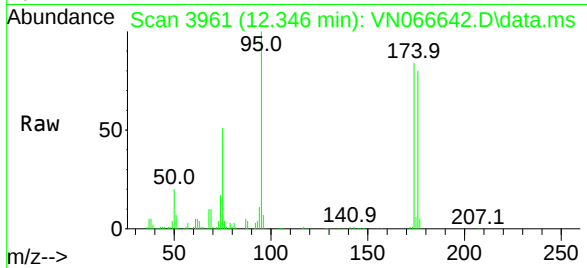




#71
Bromoform
Concen: 0.53 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.276 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

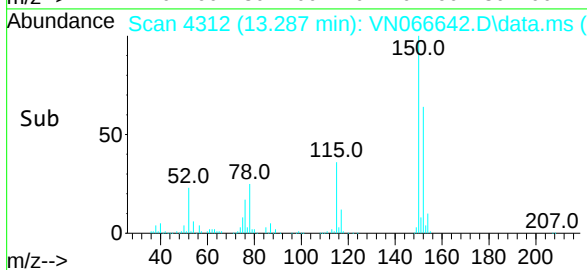
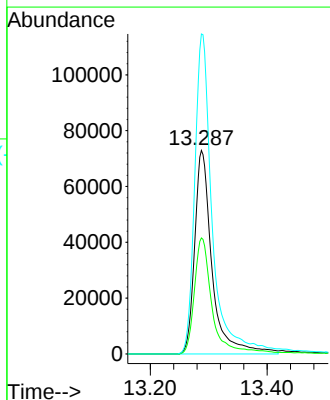
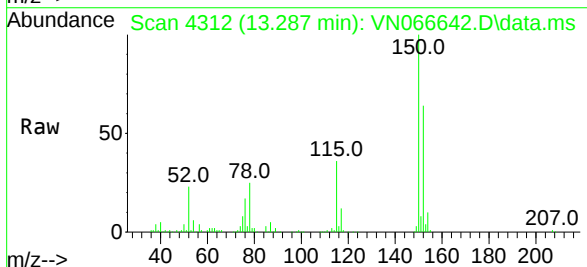
Instrument :
MSVOA_N
ClientSampled :
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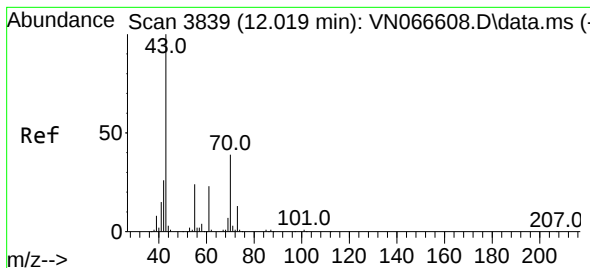
Tgt Ion:173 Resp: 1216
Ion Ratio Lower Upper
173 100
175 754.4 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. -0.001 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

Tgt Ion:152 Resp: 151747
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.6
150 153.1 0.0 347.6

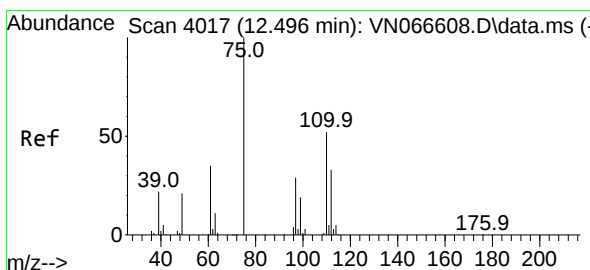
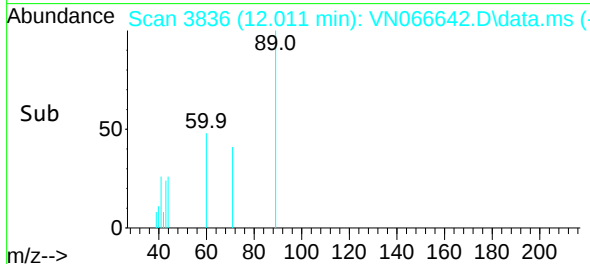
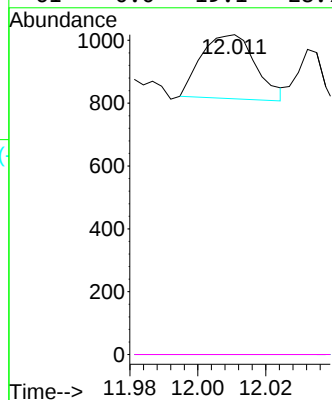
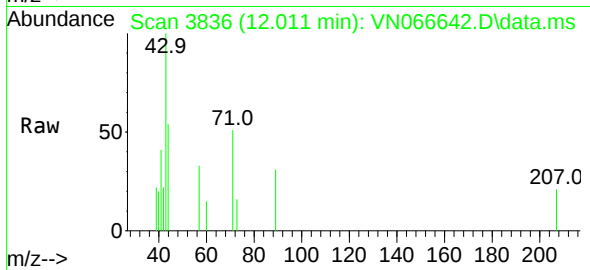




#74
N-amy1 acetate
Concen: 9.78 ug/l
RT: 12.011 min Scan# 3836
Delta R.T. -0.008 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

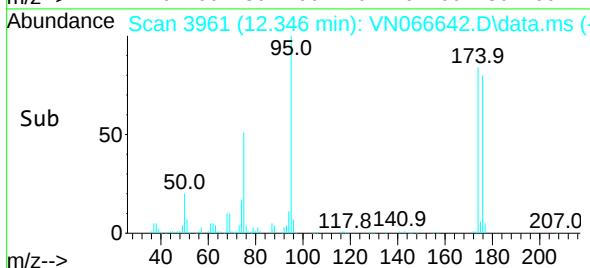
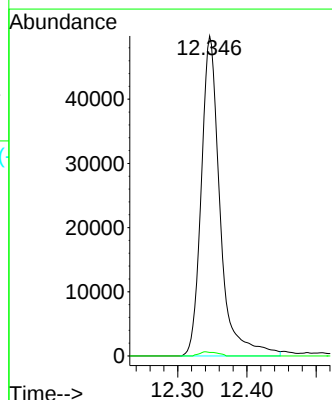
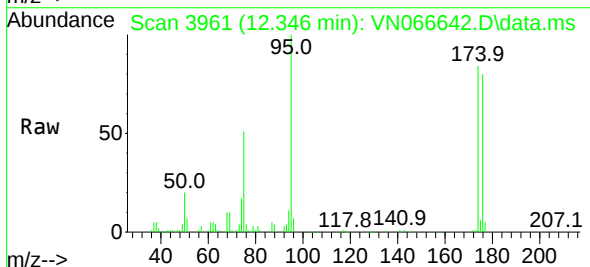
Instrument :
MSVOA_N
ClientSampled :
TP-9

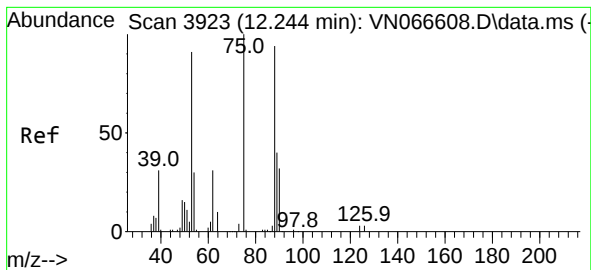
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 26.53 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066642.D
Acq: 16 Apr 2021 21:39

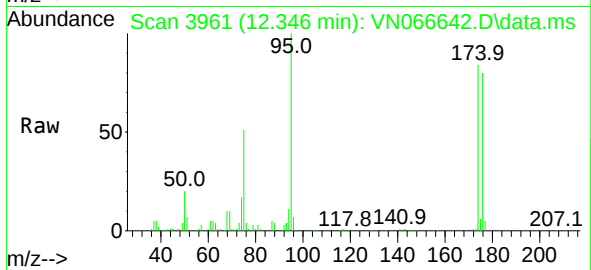
Tgt Ion: 75 Resp: 94144
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.80 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066642.D
 Acq: 16 Apr 2021 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.1	35.8	53.8#

