

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066648.D
 Acq On : 17 Apr 2021 00:01
 Operator : JC/MD
 Sample : M2055-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: Apr 17 05:22:47 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)

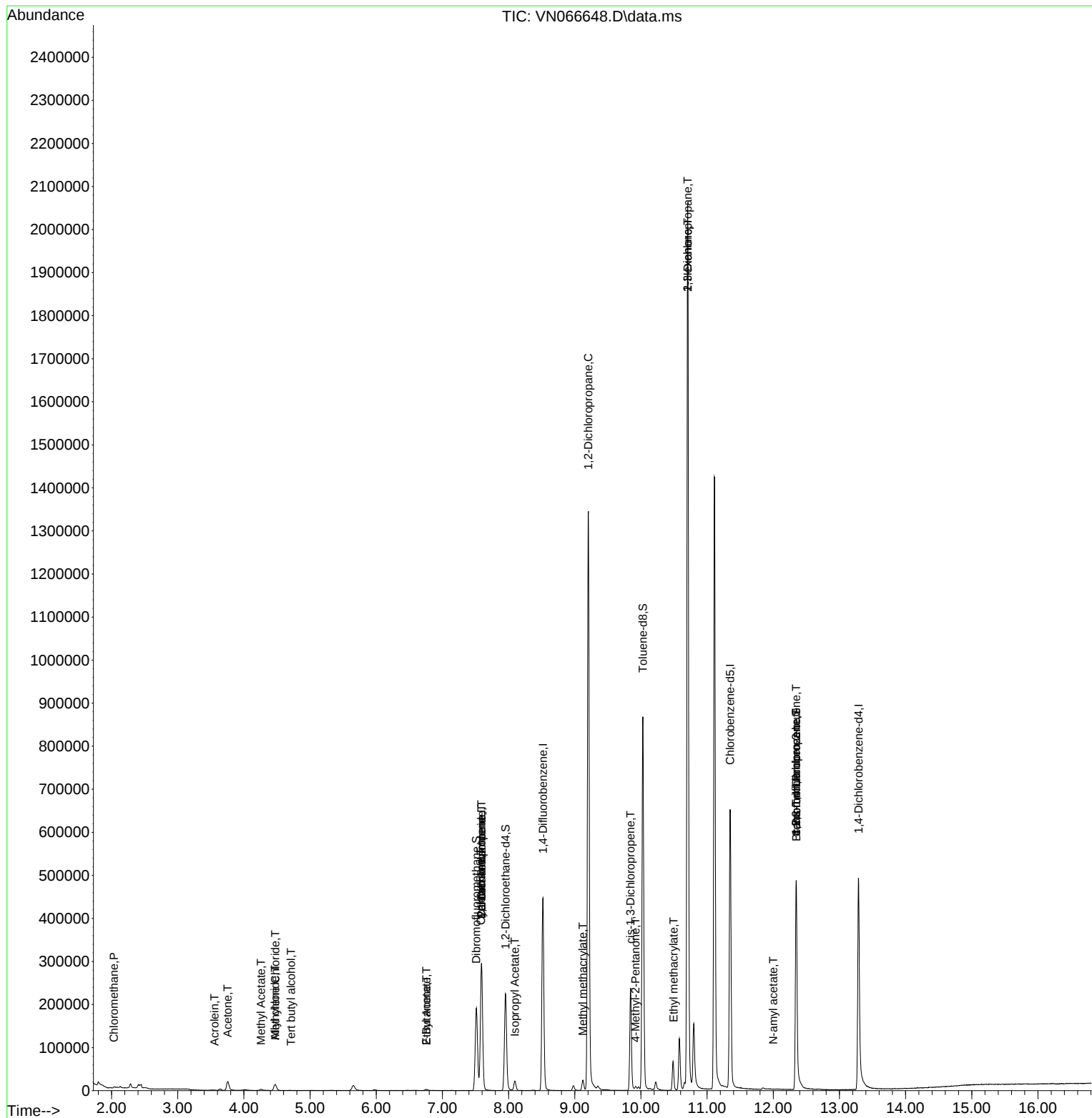
Internal Standards						
1) Pentafluorobenzene	7.591	168	251625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	401023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	386433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	165480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	192271	50.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.30%			
35) Dibromofluoromethane	7.513	113	149032	53.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.18%			
50) Toluene-d8	10.029	98	589603	54.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.18%			
62) 4-Bromofluorobenzene	12.346	95	190581	49.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.46%			
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1125	0.25	ug/l	90
11) Tert butyl alcohol	4.713	59	282	0.46	ug/l #	73
13) Acrolein	3.555	56	721	2.22	ug/l #	79
14) Allyl chloride	4.469	41	271	0.24	ug/l #	25
16) Acetone	3.756	43	35533	18.31	ug/l	96
18) Methyl Acetate	4.257	43	6561	1.60	ug/l #	79
20) Methylene Chloride	4.474	84	10567	2.95	ug/l	91
25) 2-Butanone	6.757	43	5556	2.48	ug/l #	83
31) Cyclohexane	7.586	56	5155	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19112	4.73	ug/l #	48
37) Ethyl Acetate	6.757	43	5556	1.21	ug/l #	68
38) Carbon Tetrachloride	7.591	117	22869	6.04	ug/l #	17
43) Isopropyl Acetate	8.095	43	28410	3.71	ug/l #	85
45) 1,2-Dichloropropane	9.203	63	1514	0.42	ug/l #	44
48) Methyl methacrylate	9.122	41	6434	1.87	ug/l #	10
51) 4-Methyl-2-Pentanone	9.919	43	6668	1.48	ug/l	88
54) cis-1,3-Dichloropropene	9.844	75	42759	8.10	ug/l #	65
56) Ethyl methacrylate	10.493	69	452	0.99	ug/l #	1
57) 1,3-Dichloropropane	10.707	76	20990	3.97	ug/l #	43
59) 2-Hexanone	10.707	43	314108	100.82	ug/l #	49
71) Bromoform	12.349	173	1291	0.56	ug/l #	1
74) N-amyl acetate	12.000	43	81	9.74	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	97063	25.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	97063	77.45	ug/l #	12

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

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MSVOA_N
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Quant Time: Apr 17 05:22:47 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

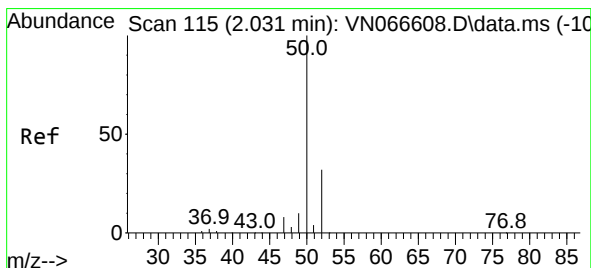
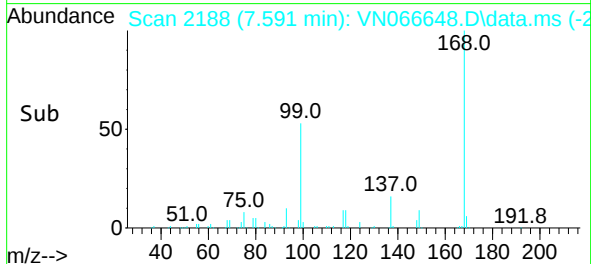
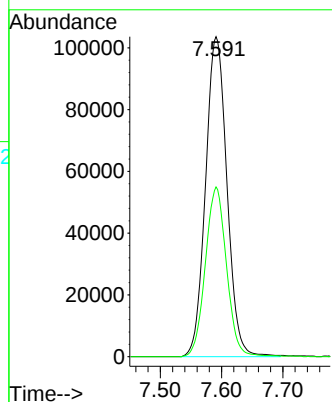
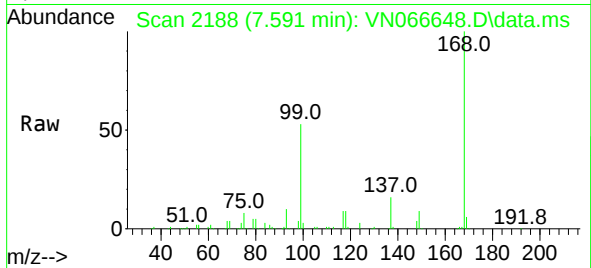




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

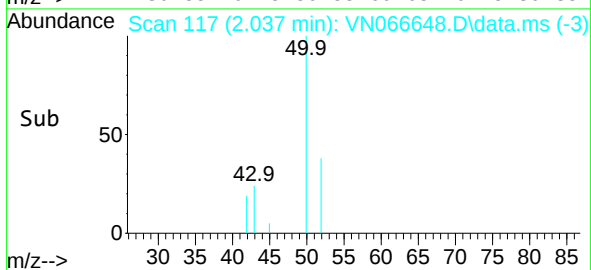
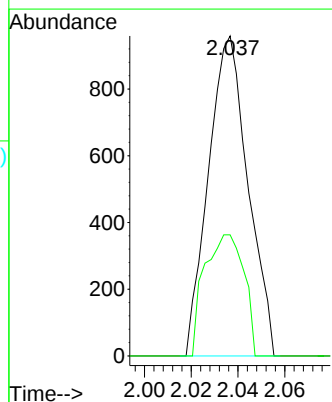
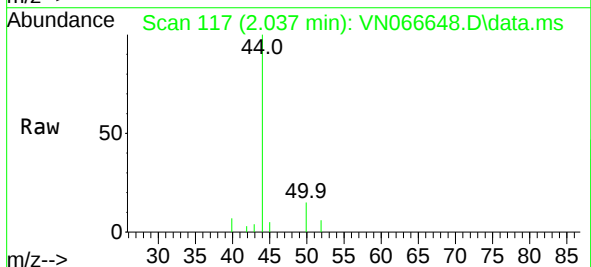
Instrument :
MSVOA_N
ClientSampled :
TP-6

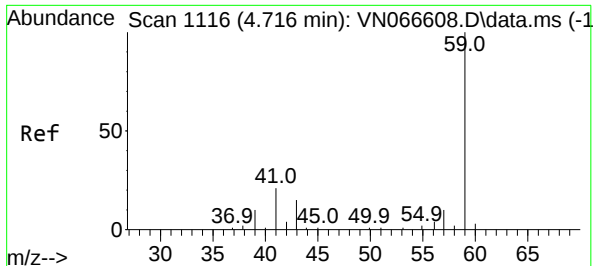
Tgt Ion:168 Resp: 251625
Ion Ratio Lower Upper
168 100
99 53.0 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 50 Resp: 1125
Ion Ratio Lower Upper
50 100
52 37.9 25.8 38.8



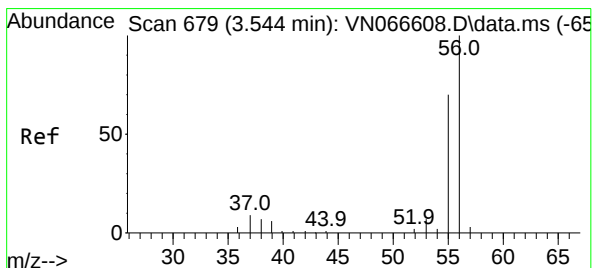
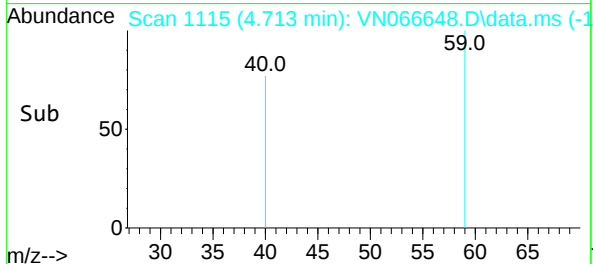
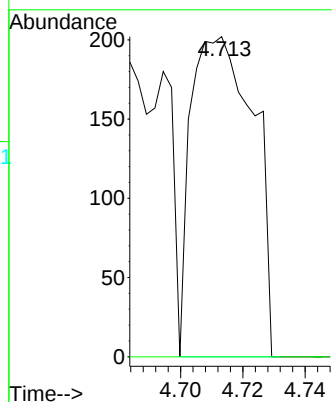
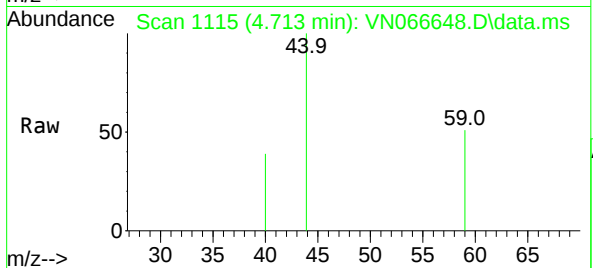


#11

Tert butyl alcohol
Concen: 0.46 ug/l
RT: 4.713 min Scan# 1115
Delta R.T. -0.003 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Instrument :
MSVOA_N
ClientSampled :
TP-6

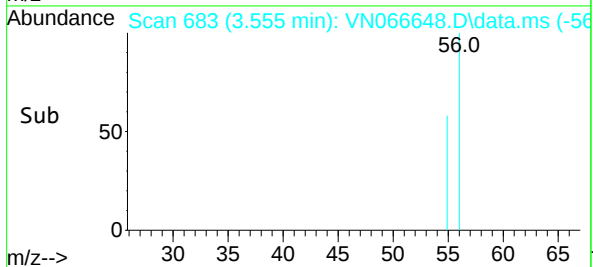
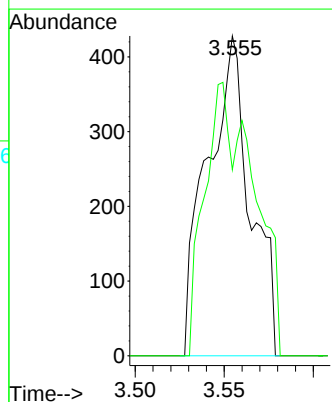
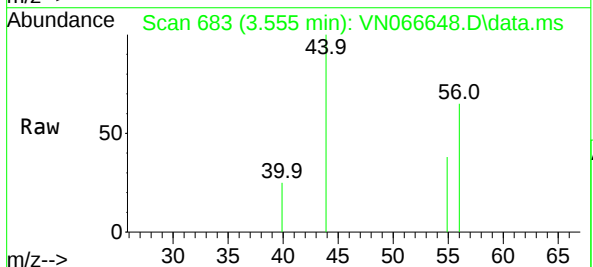
Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

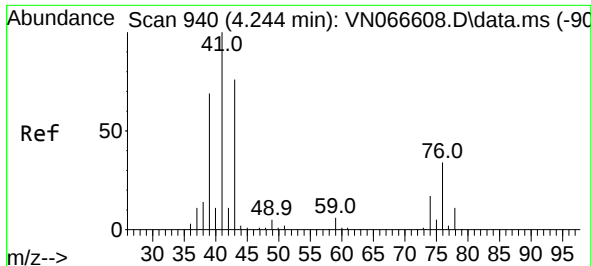


#13

Acrolein
Concen: 2.22 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.011 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 56 Resp: 721
Ion Ratio Lower Upper
56 100
55 52.6 56.0 84.0#

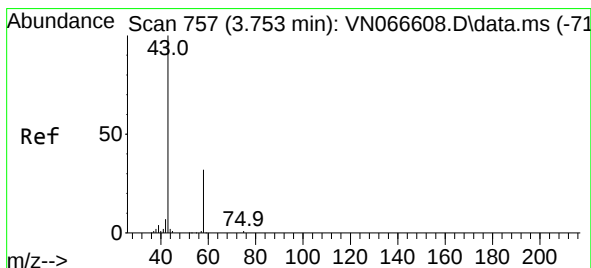
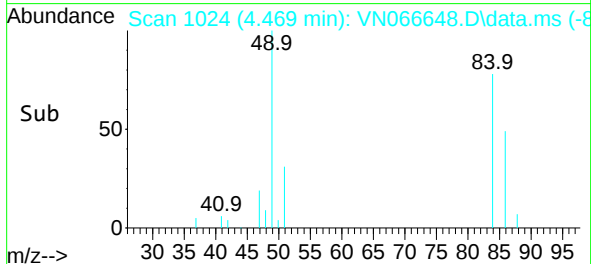
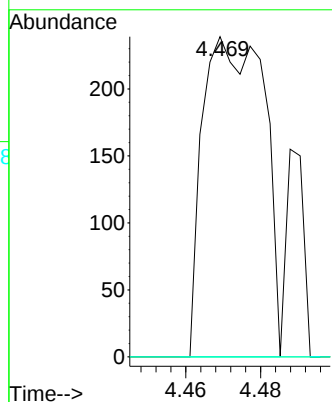
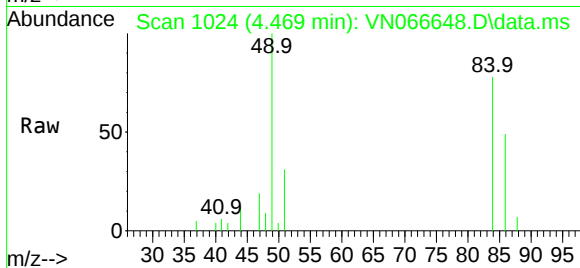




#14
 Allyl chloride
 Concen: 0.24 ug/l
 RT: 4.469 min Scan# 1024
 Delta R.T. 0.225 min
 Lab File: VN066648.D
 Acq: 17 Apr 2021 00:01

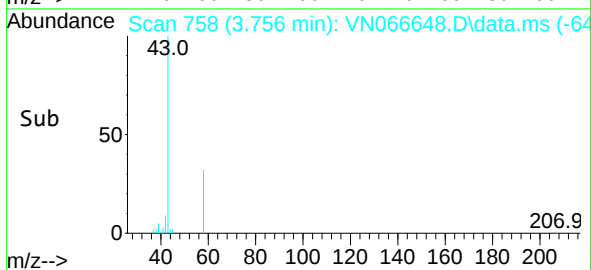
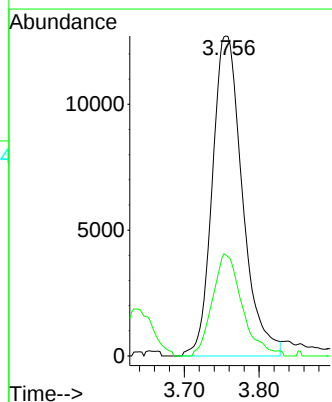
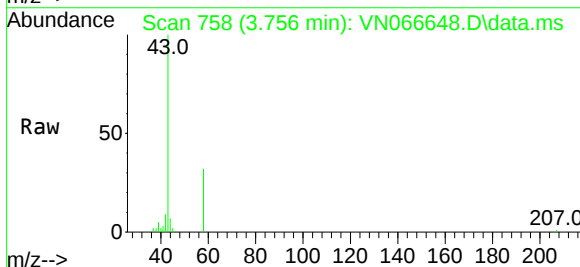
Instrument :
 MSVOA_N
 ClientSampled :
 TP-6

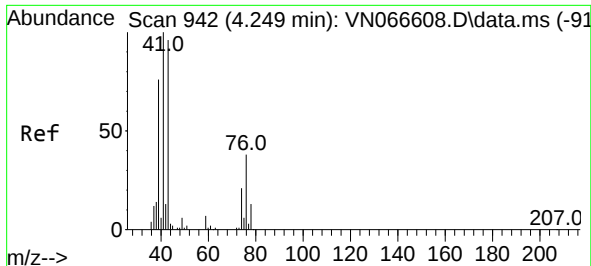
Tgt Ion: 41 Resp: 271
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.0 79.4#
 76 0.0 28.9 43.3#



#16
 Acetone
 Concen: 18.31 ug/l
 RT: 3.756 min Scan# 758
 Delta R.T. 0.003 min
 Lab File: VN066648.D
 Acq: 17 Apr 2021 00:01

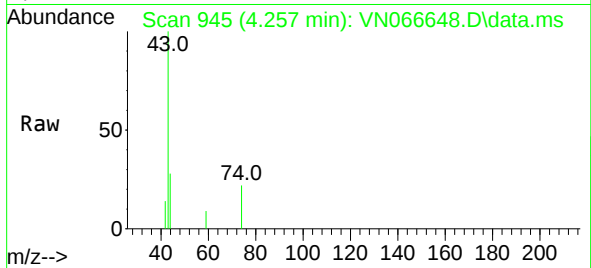
Tgt Ion: 43 Resp: 35533
 Ion Ratio Lower Upper
 43 100
 58 31.5 27.0 40.6



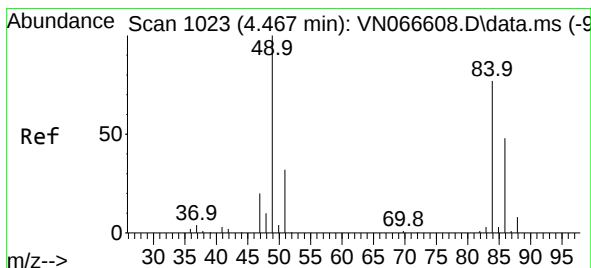
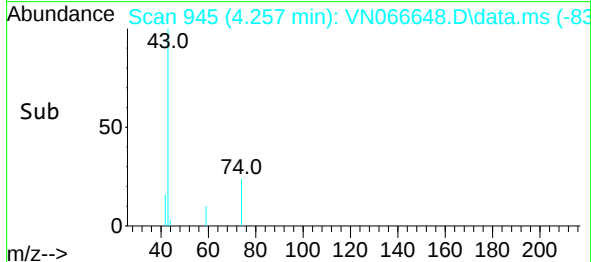
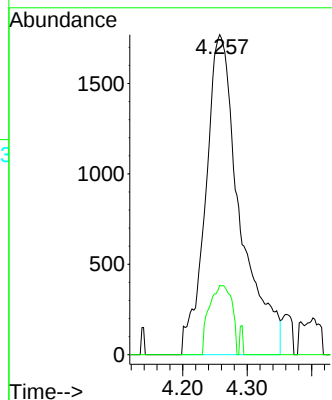


#18
Methyl Acetate
Concen: 1.60 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Instrument :
MSVOA_N
ClientSampled :
TP-6

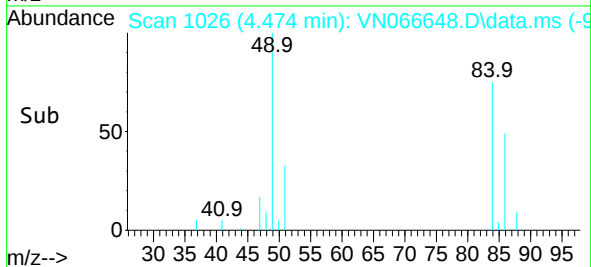
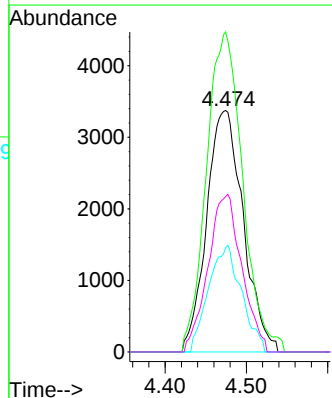
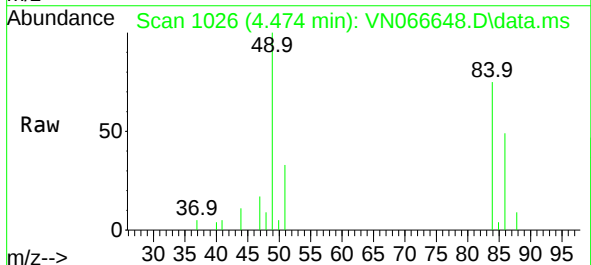


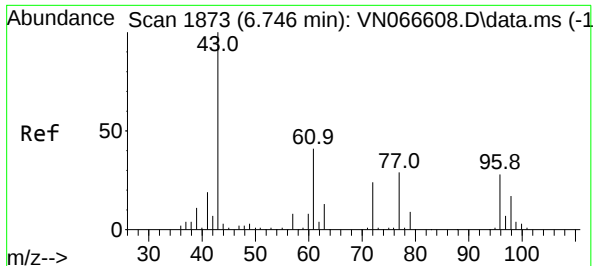
Tgt Ion: 43 Resp: 6561
Ion Ratio Lower Upper
43 100
74 14.2 19.5 29.3#



#20
Methylene Chloride
Concen: 2.95 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.008 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 84 Resp: 10567
Ion Ratio Lower Upper
84 100
49 132.5 94.6 141.8
51 43.2 29.9 44.9
86 64.4 51.4 77.2

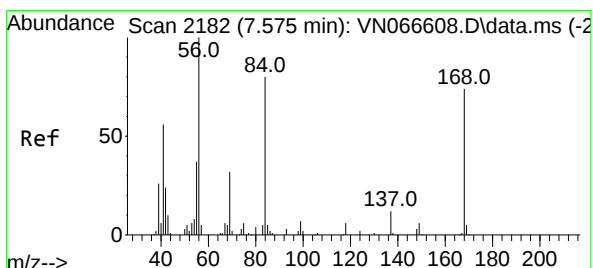
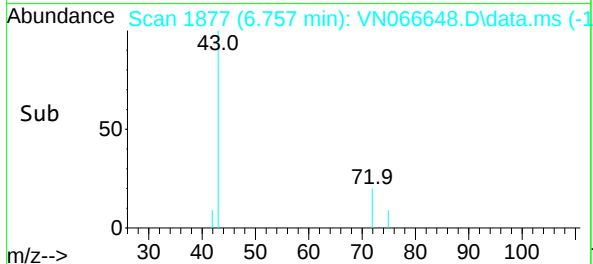
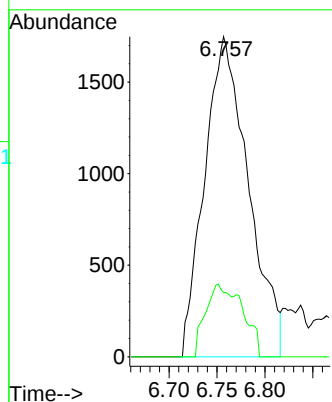
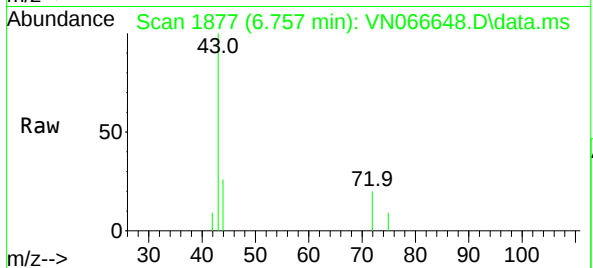




#25
2-Butanone
Concen: 2.48 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

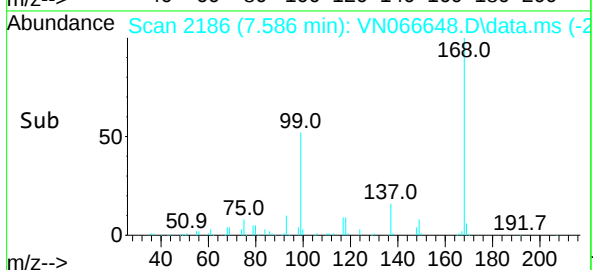
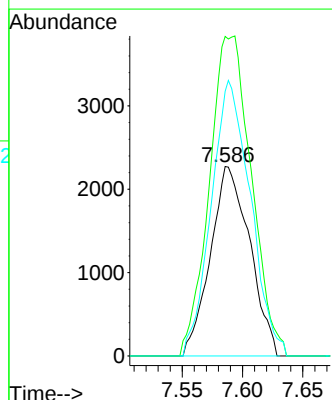
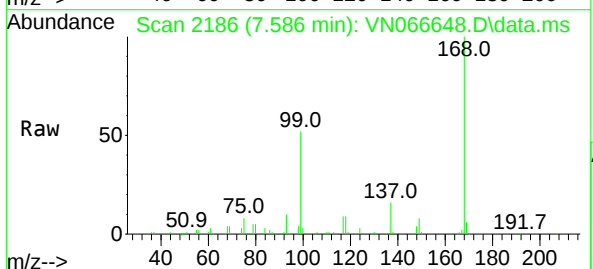
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MSVOA_N
ClientSampleId :
TP-6

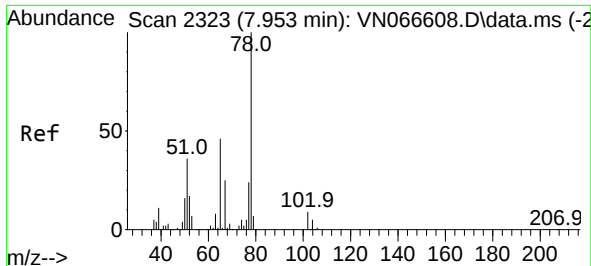
Tgt Ion: 43 Resp: 5556
Ion Ratio Lower Upper
43 100
72 20.1 23.1 34.7#



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.011 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 56 Resp: 5155
Ion Ratio Lower Upper
56 100
69 168.8 26.6 39.8#
84 139.7 70.4 105.6#

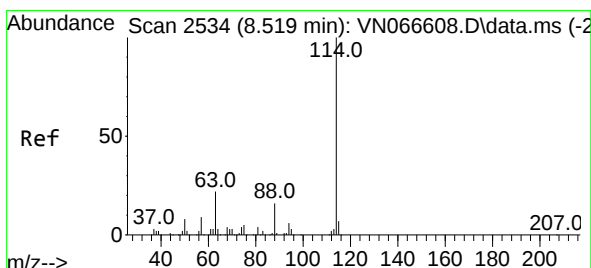
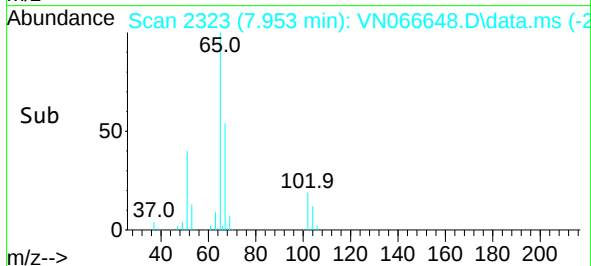
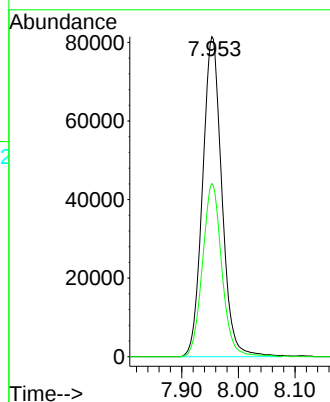
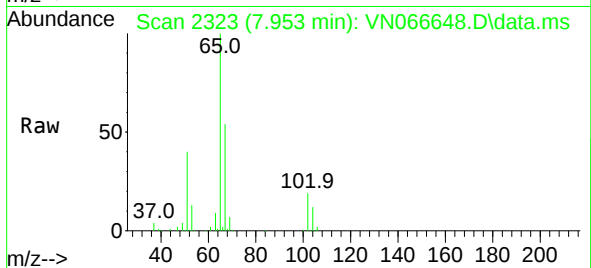




#33
1,2-Dichloroethane-d4
Concen: 50.65 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

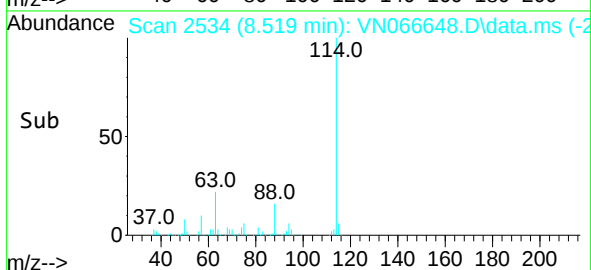
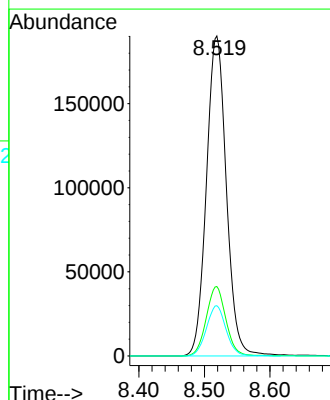
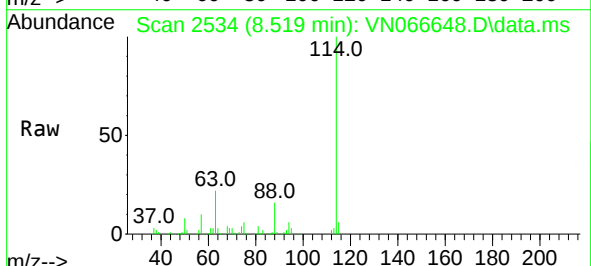
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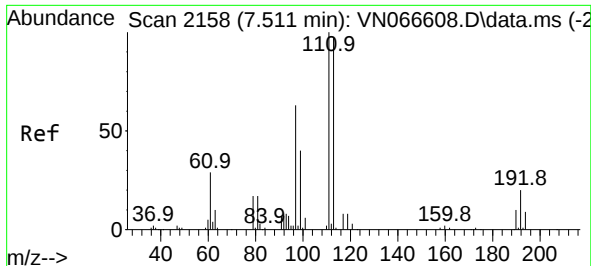
Tgt Ion: 65 Resp: 192271
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 114 Resp: 401023
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 15.7 0.0 30.6

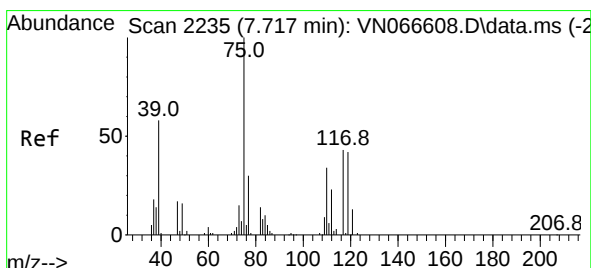
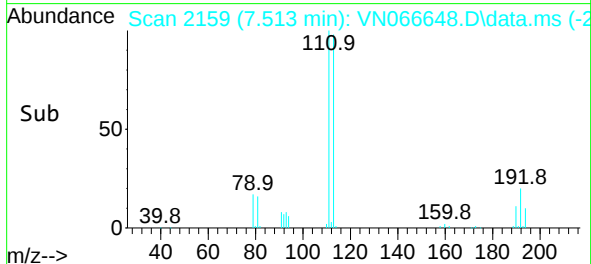
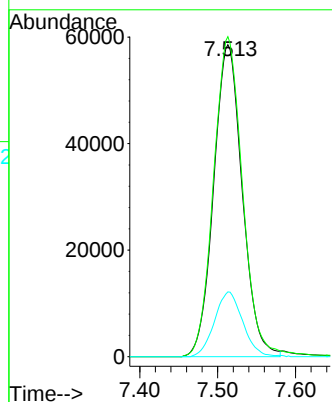
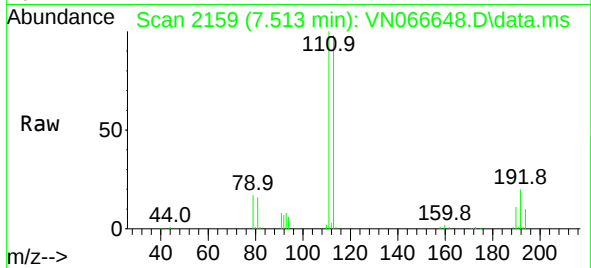




#35
Dibromofluoromethane
Concen: 53.59 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

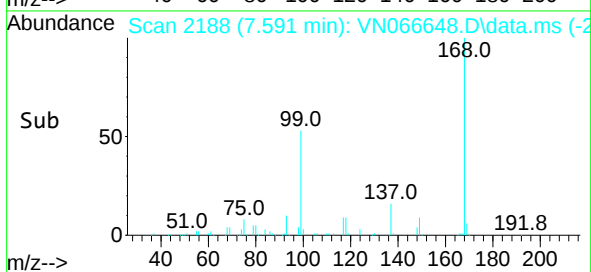
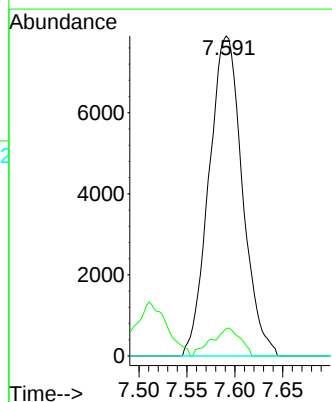
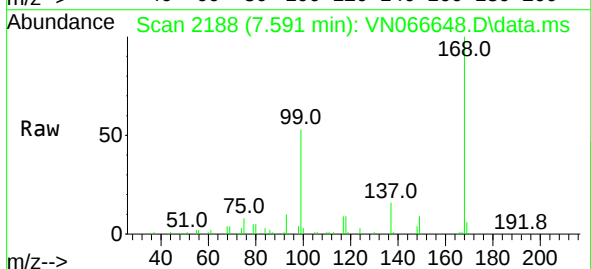
Instrument :
MSVOA_N
ClientSampled :
TP-6

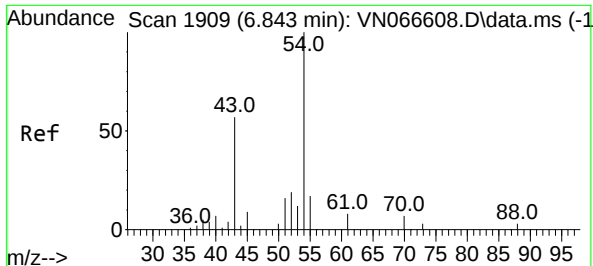
Tgt Ion:113 Resp: 149032
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 75 Resp: 19112
Ion Ratio Lower Upper
75 100
110 7.5 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.21 ug/l

RT: 6.757 min Scan# 1877

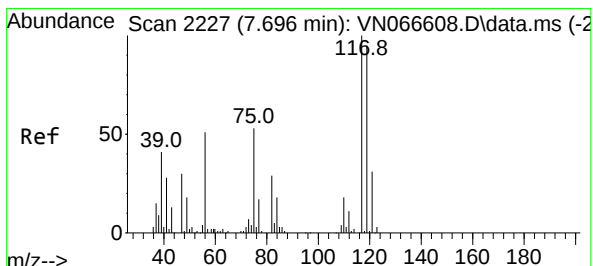
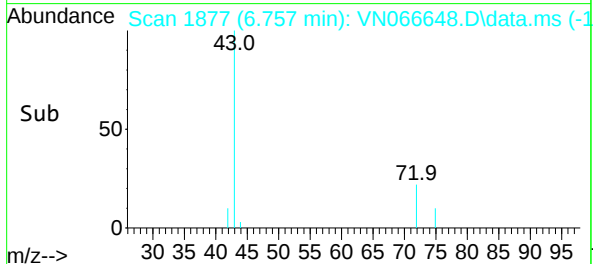
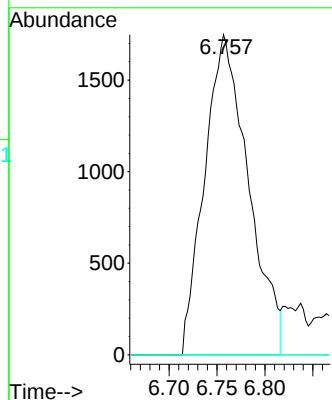
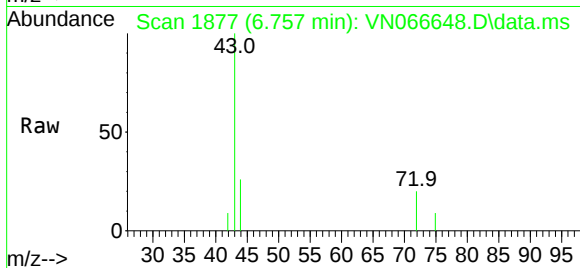
Delta R.T. -0.086 min

Lab File: VN066648.D

Acq: 17 Apr 2021 00:01

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion:	43	Resp:	5556
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.04 ug/l

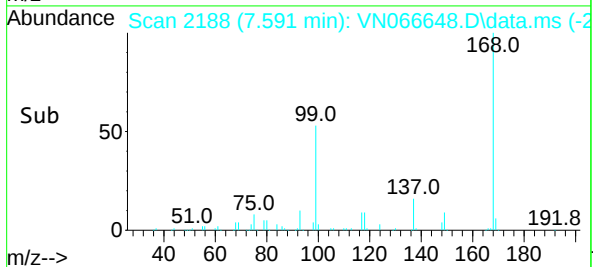
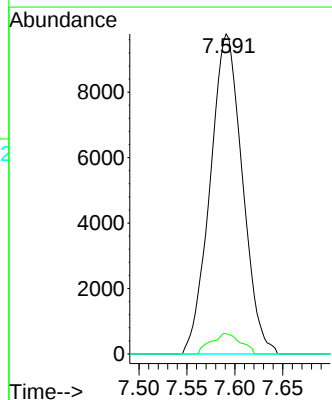
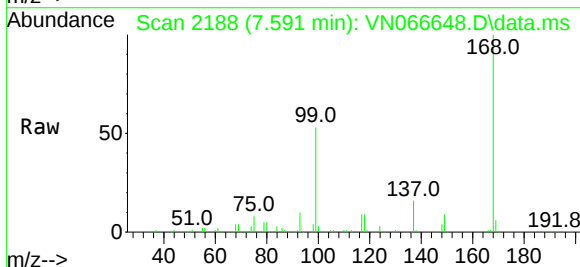
RT: 7.591 min Scan# 2188

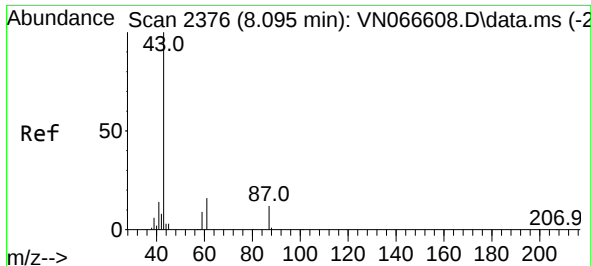
Delta R.T. -0.105 min

Lab File: VN066648.D

Acq: 17 Apr 2021 00:01

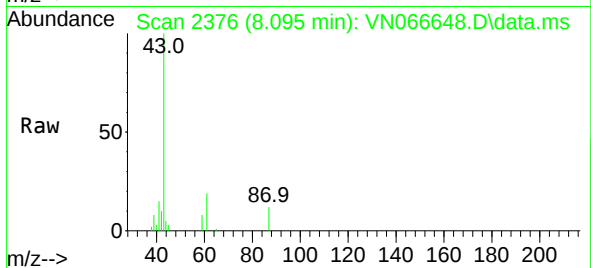
Tgt Ion:	117	Resp:	22869
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.0	114.0#
121	0.0	24.5	36.7#



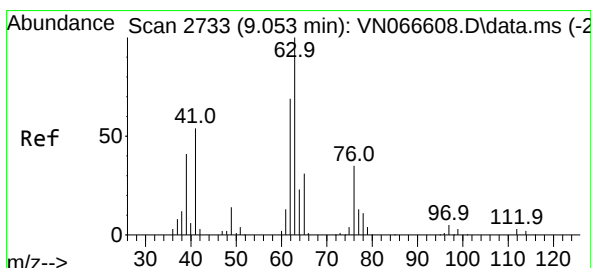
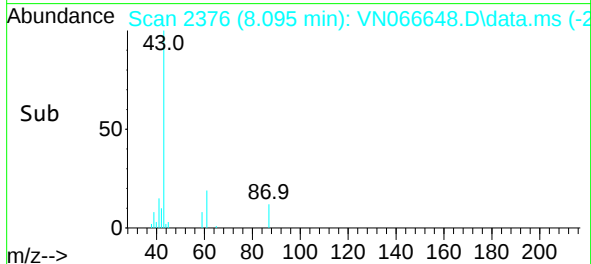
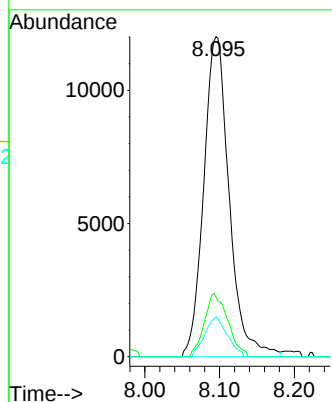


#43
Isopropyl Acetate
Concen: 3.71 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Instrument :
MSVOA_N
ClientSampled :
TP-6

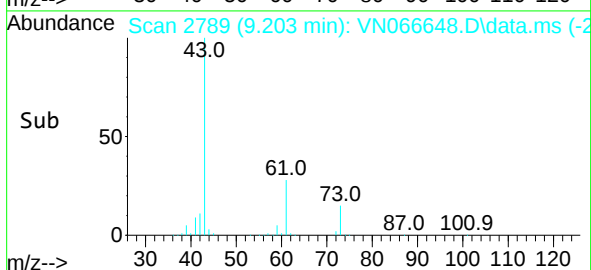
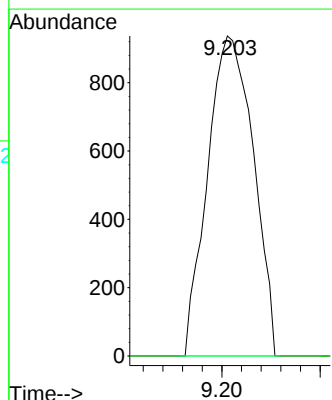
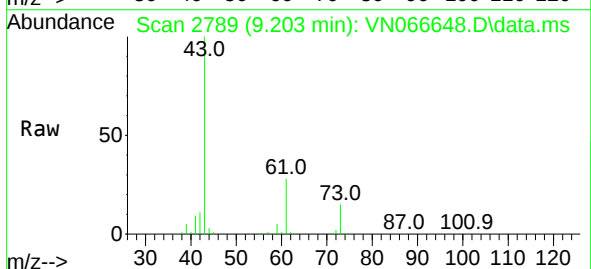


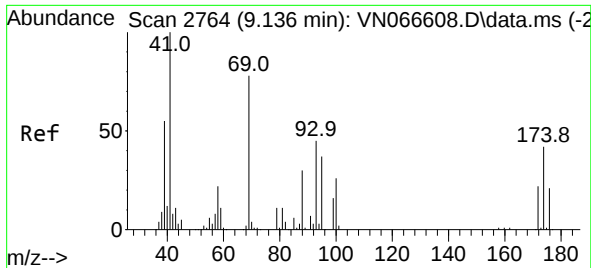
Tgt Ion: 43 Resp: 28410
Ion Ratio Lower Upper
43 100
61 18.2 22.5 33.7#
87 11.0 11.1 16.7#



#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.203 min Scan# 2789
Delta R.T. 0.150 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 63 Resp: 1514
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

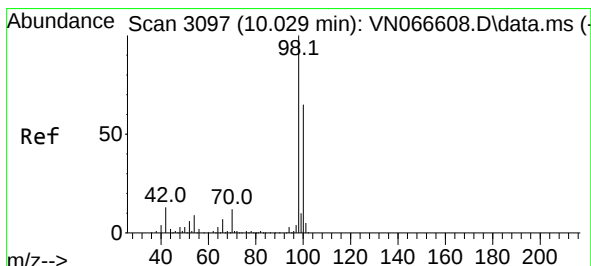
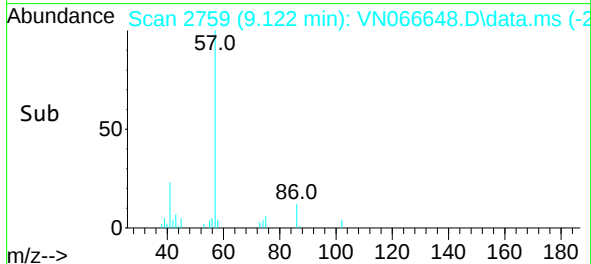
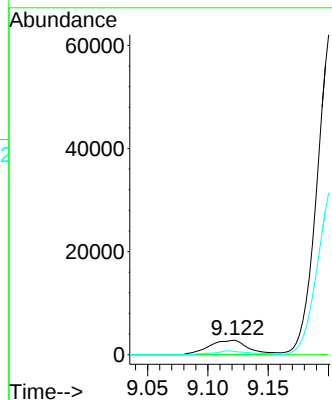
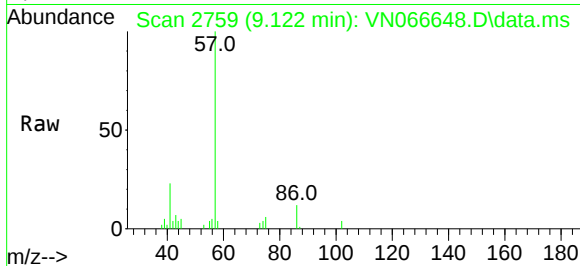




#48
Methyl methacrylate
Concen: 1.87 ug/l
RT: 9.122 min Scan# 2759
Delta R.T. -0.014 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

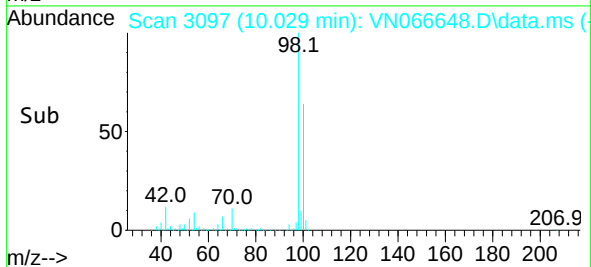
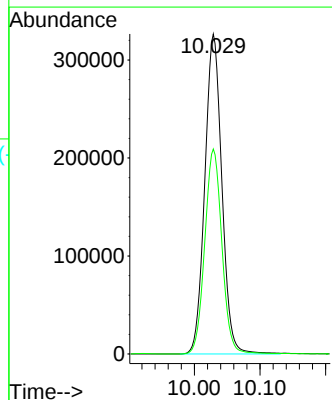
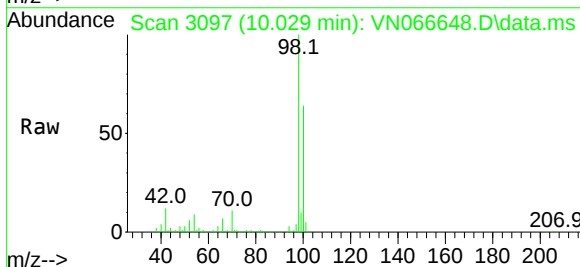
Instrument :
MSVOA_N
ClientSampled :
TP-6

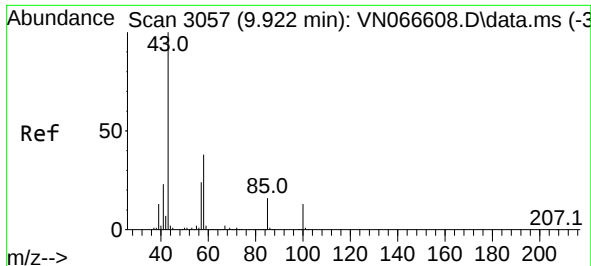
Tgt Ion: 41 Resp: 6434
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 54.09 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 98 Resp: 589603
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

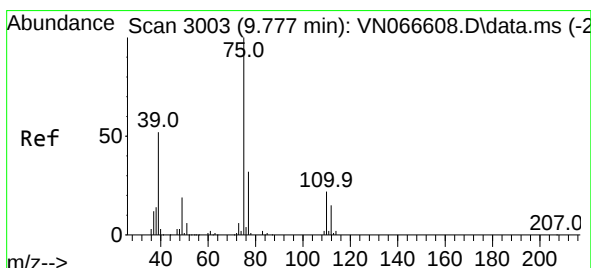
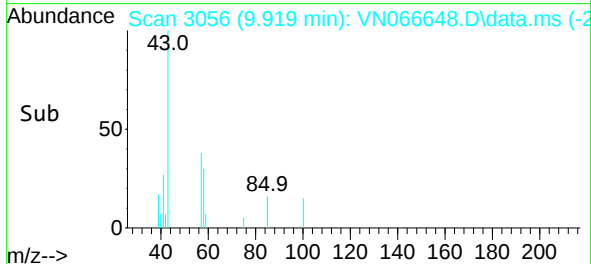
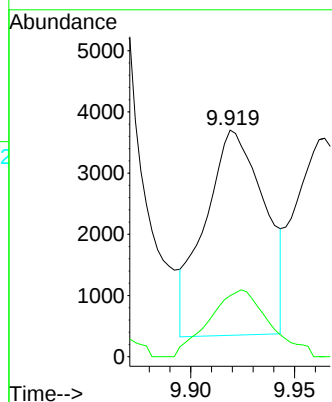
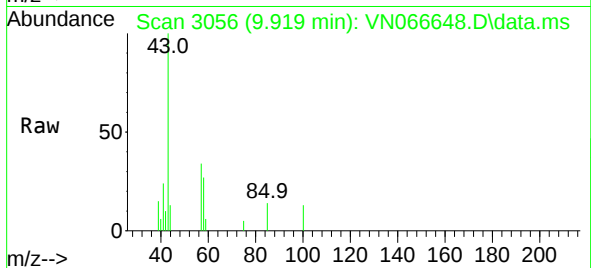




#51
4-Methyl-2-Pentanone
Concen: 1.48 ug/l
RT: 9.919 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

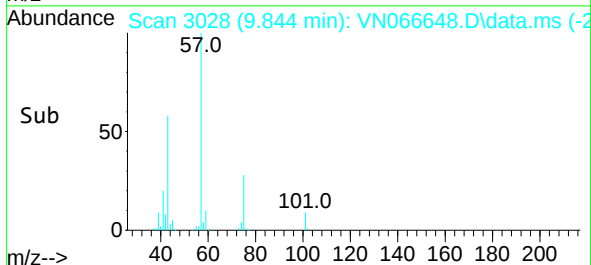
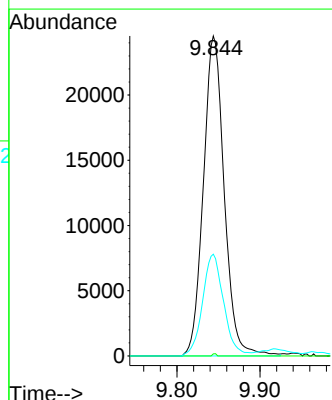
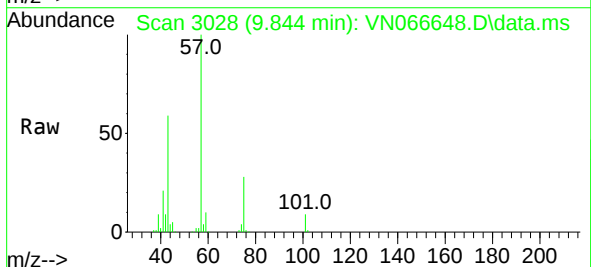
Instrument :
MSVOA_N
ClientSampleId :
TP-6

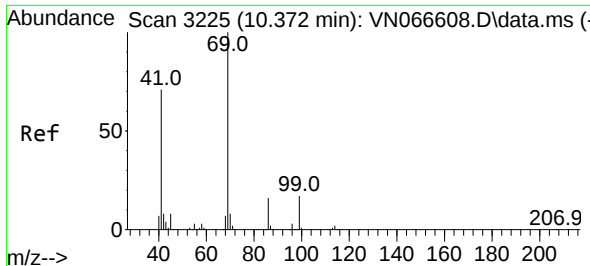
Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
58 32.9 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 8.10 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 75 Resp: 42759
Ion Ratio Lower Upper
75 100
77 0.6 24.9 37.3#
39 31.8 36.2 54.4#

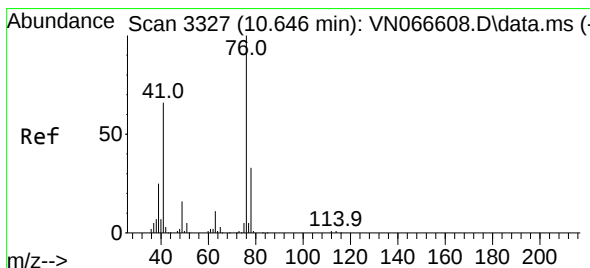
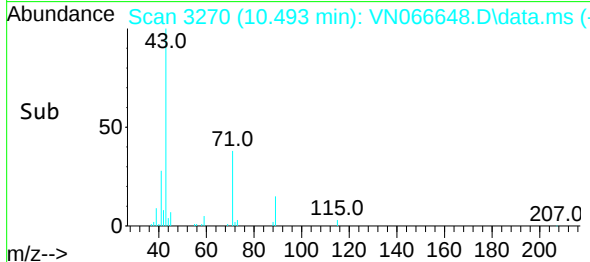
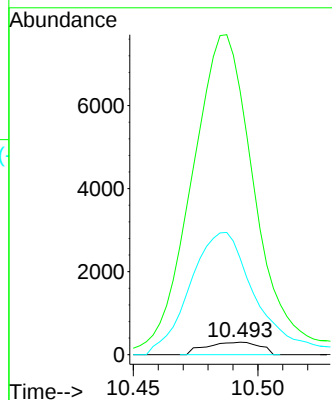
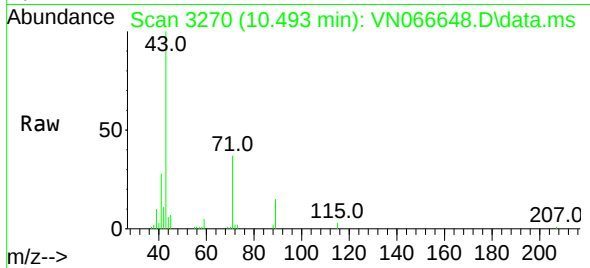




#56
Ethyl methacrylate
Concen: 0.99 ug/l
RT: 10.493 min Scan# 3270
Delta R.T. 0.121 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

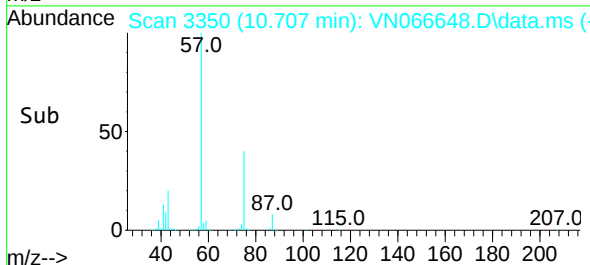
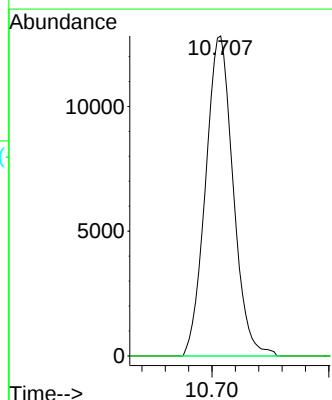
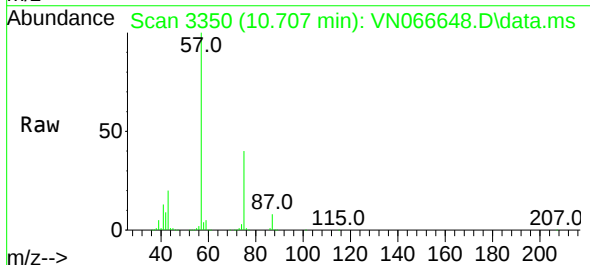
Instrument :
MSVOA_N
ClientSampled :
TP-6

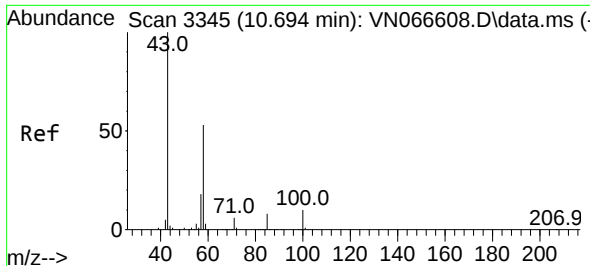
Tgt Ion: 69 Resp: 452
Ion Ratio Lower Upper
69 100
41 3043.6 49.6 74.4#
39 1208.6 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 3.97 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 76 Resp: 20990
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

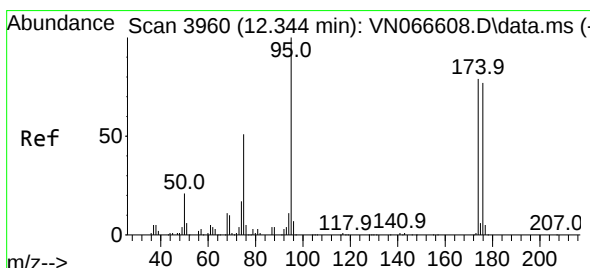
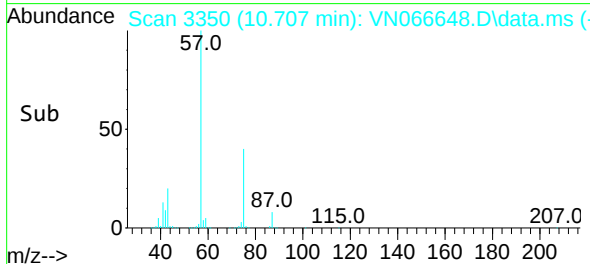
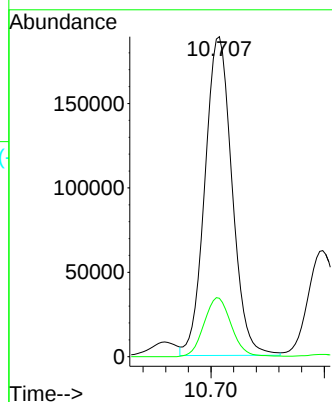
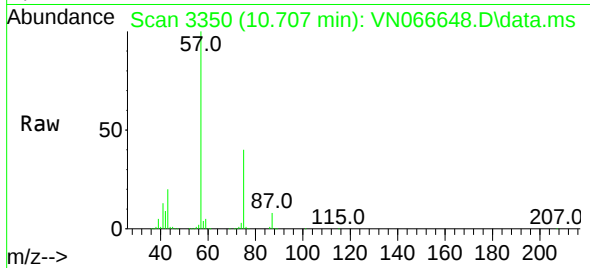




#59
2-Hexanone
Concen: 100.82 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

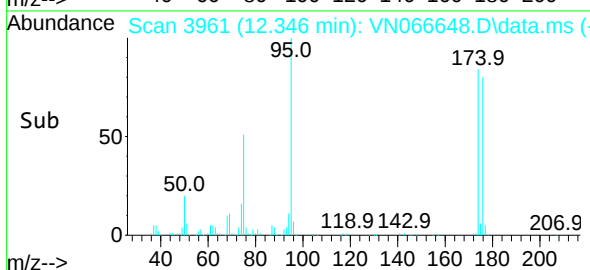
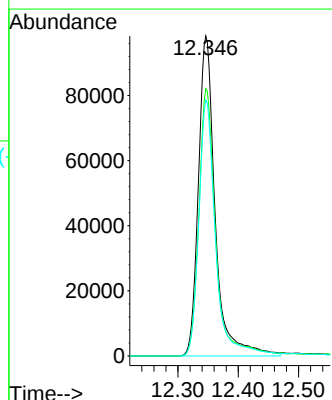
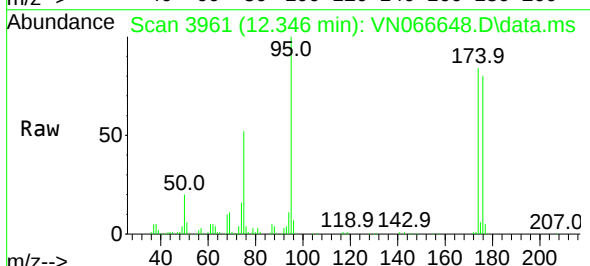
Instrument :
MSVOA_N
ClientSampled :
TP-6

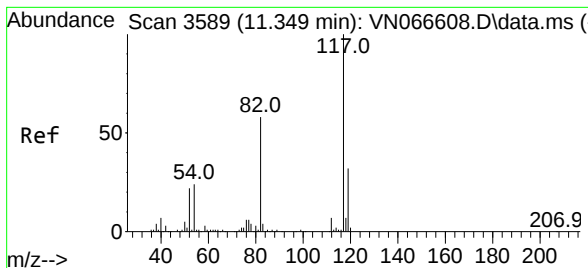
Tgt Ion: 43 Resp: 314108
Ion Ratio Lower Upper
43 100
58 18.7 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.73 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 95 Resp: 190581
Ion Ratio Lower Upper
95 100
174 83.6 0.0 169.0
176 80.0 0.0 162.4

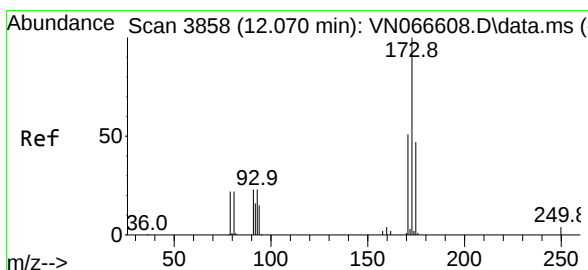
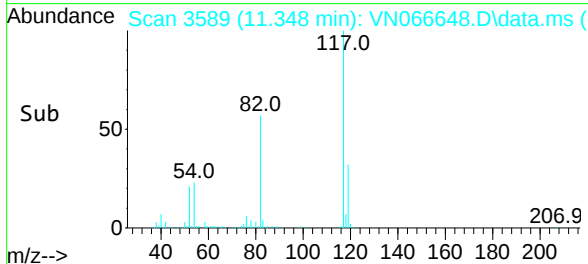
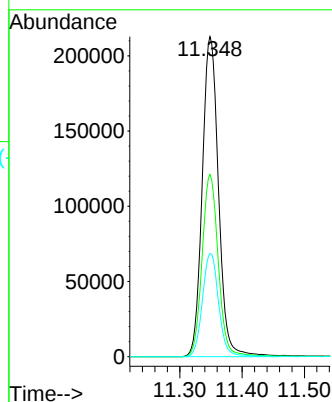
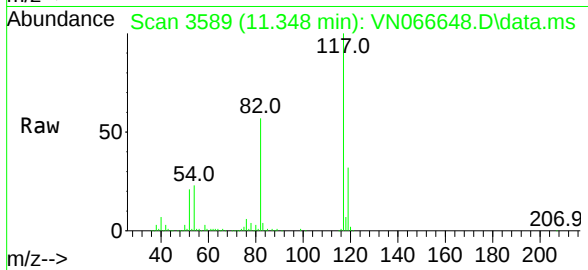




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

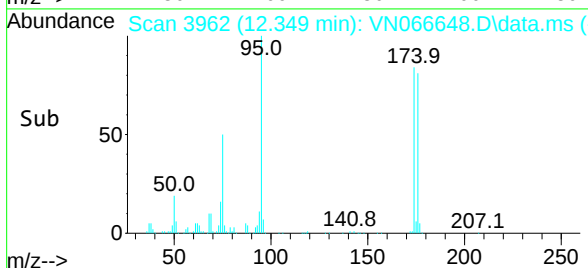
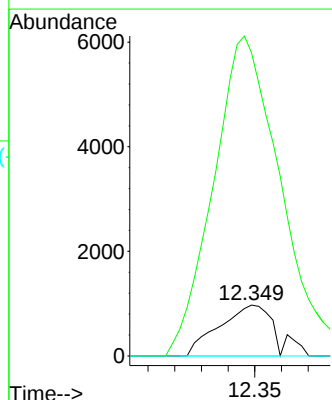
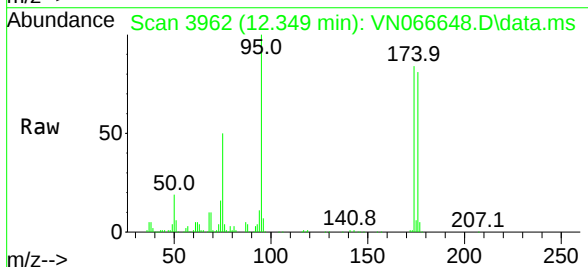
Instrument :
MSVOA_N
ClientSampleId :
TP-6

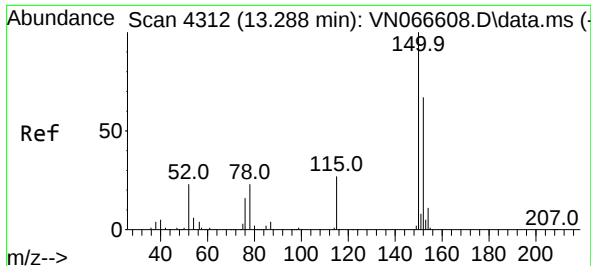
Tgt Ion:117 Resp: 386433
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.3 26.1 39.1



#71
Bromoform
Concen: 0.56 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.279 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion:173 Resp: 1291
Ion Ratio Lower Upper
173 100
175 704.3 23.8 71.2#
254 0.0 0.0 0.0

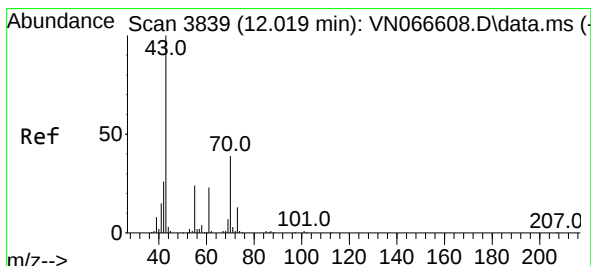
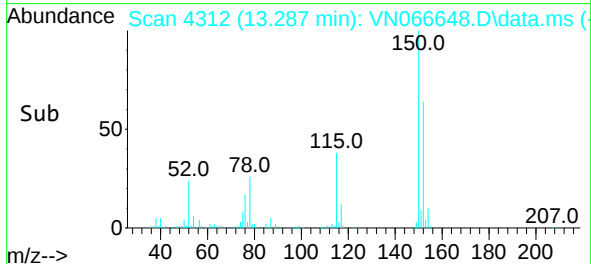
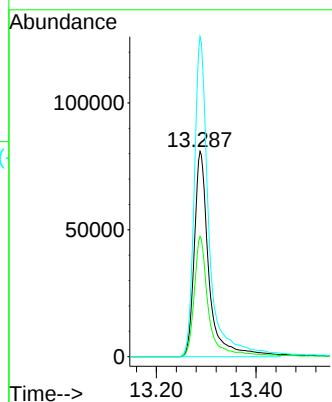
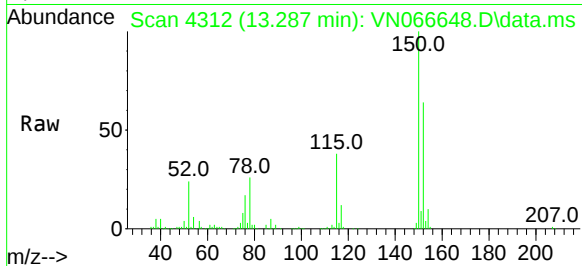




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. -0.001 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

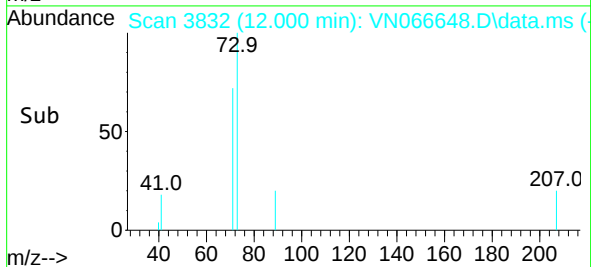
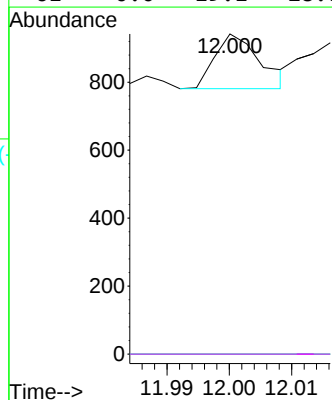
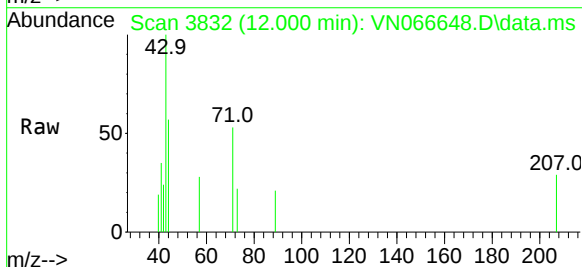
Instrument :
MSVOA_N
ClientSampled :
TP-6

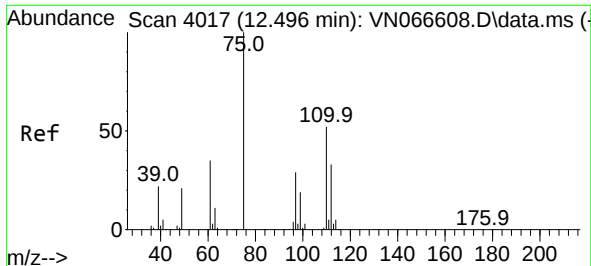
Tgt Ion:152 Resp: 165480
Ion Ratio Lower Upper
152 100
115 54.2 28.5 85.6
150 153.4 0.0 347.6



#74
N-ethyl acetate
Concen: 9.74 ug/l
RT: 12.000 min Scan# 3832
Delta R.T. -0.019 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 43 Resp: 81
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#

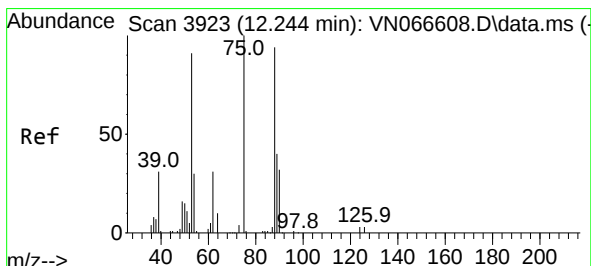
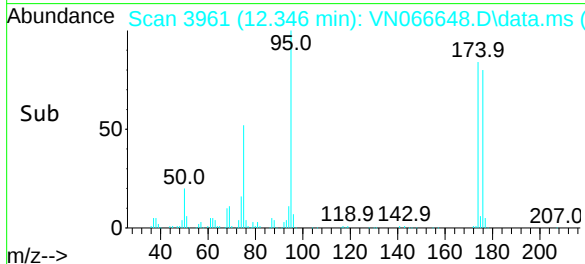
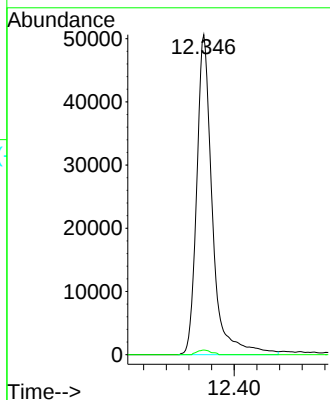
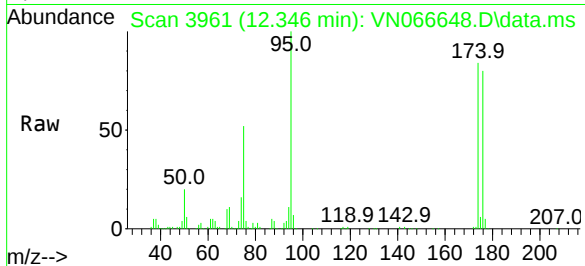




#76
1,2,3-Trichloropropane
Concen: 25.08 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Instrument :
MSVOA_N
ClientSampled :
TP-6

Tgt Ion: 75 Resp: 97063
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.45 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066648.D
Acq: 17 Apr 2021 00:01

Tgt Ion: 75 Resp: 97063
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#

