

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066467.D
 Acq On : 2 Apr 2021 15:00
 Operator : JC/MD
 Sample : VN0402WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Quant Time: Apr 03 03:21:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

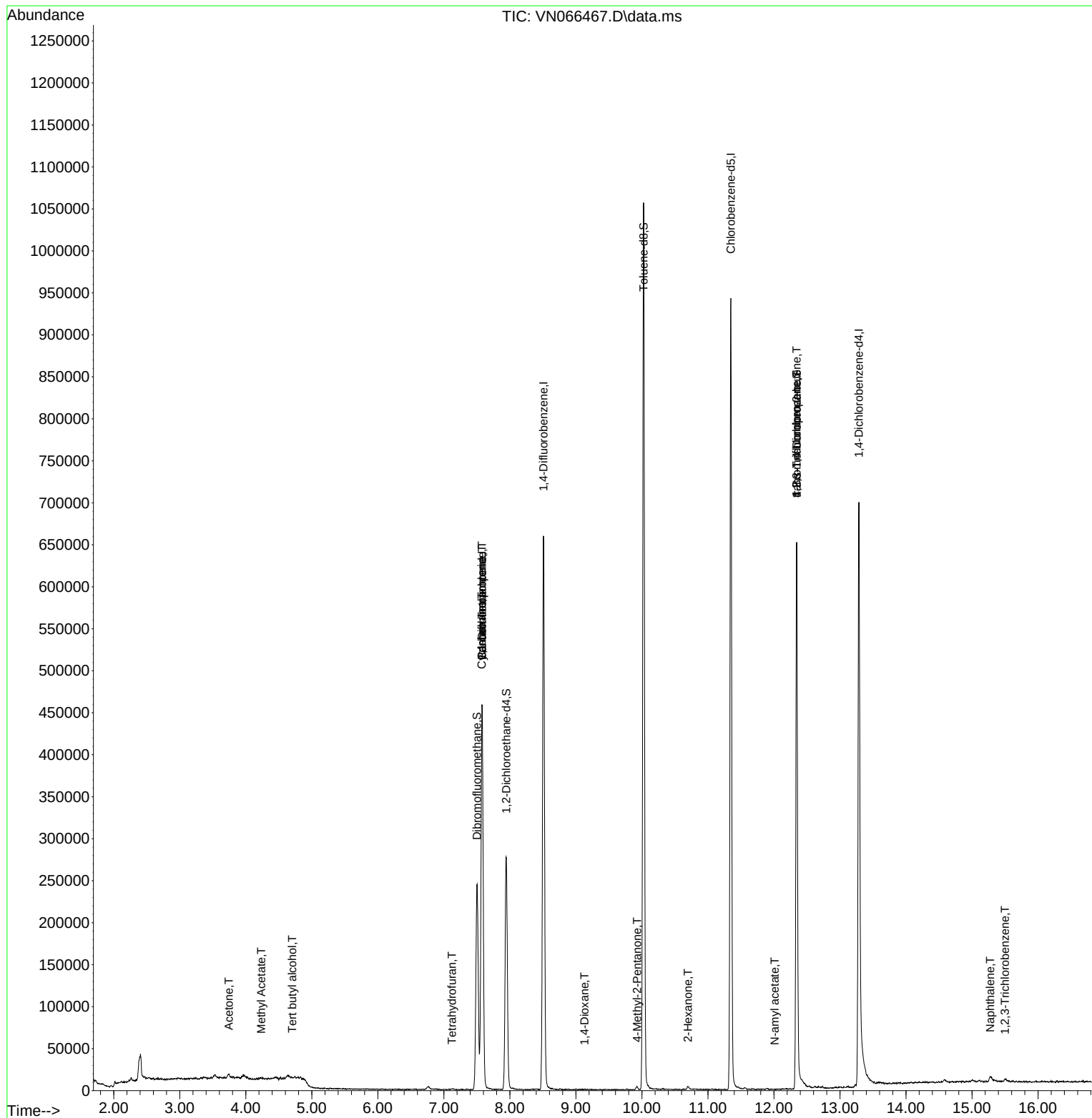
Internal Standards						
1) Pentafluorobenzene	7.579	168	385810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	570644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	540335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	235164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	235462	45.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.82%		
35) Dibromofluoromethane	7.501	113	187618	49.60	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.20%		
50) Toluene-d8	10.025	98	721942	50.31	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.62%		
62) 4-Bromofluorobenzene	12.345	95	217981	43.74	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.48%		
Target Compounds						Qvalue
3) Chloromethane	2.017	50	3165	Below Cal		98
11) Tert butyl alcohol	4.704	59	178	0.23 ug/l #		1
13) Acrolein	3.527	56	4316	Below Cal		99
16) Acetone	3.741	43	4654	1.68 ug/l		89
18) Methyl Acetate	4.235	43	2270	0.31 ug/l #		88
20) Methylene Chloride	4.430	84	699	Below Cal #		44
29) Tetrahydrofuran	7.123	42	482	0.24 ug/l #		37
31) Cyclohexane	7.576	56	8284	1.17 ug/l #		7
36) 1,1-Dichloropropene	7.579	75	27588	5.15 ug/l #		44
38) Carbon Tetrachloride	7.579	117	35443	6.58 ug/l #		16
49) 1,4-Dioxane	9.132	88	202	3.35 ug/l #		62
51) 4-Methyl-2-Pentanone	9.928	43	2699	0.46 ug/l		94
59) 2-Hexanone	10.698	43	3689	0.89 ug/l		90
74) N-amyl acetate	12.012	43	24	3.20 ug/l #		45
76) 1,2,3-Trichloropropane	12.345	75	112546	21.81 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.345	75	112546	65.59 ug/l #		12
95) Naphthalene	15.276	128	3892	1.33 ug/l #		90
96) 1,2,3-Trichlorobenzene	15.502	180	1027	0.23 ug/l		83

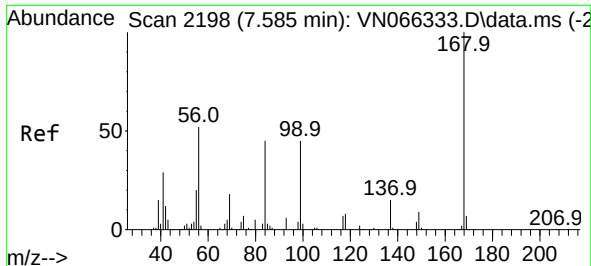
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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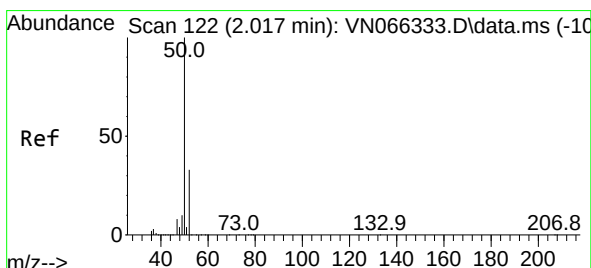
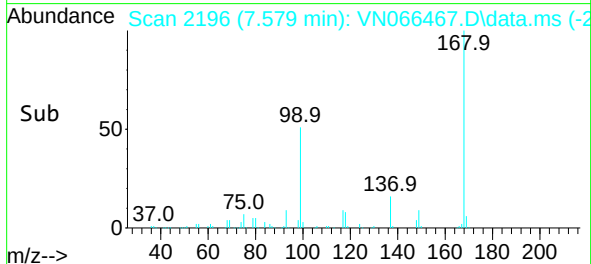
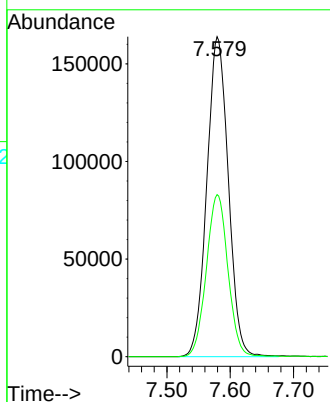
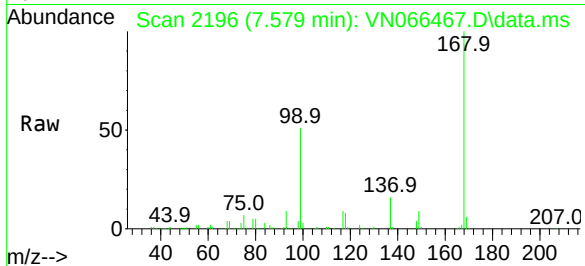




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

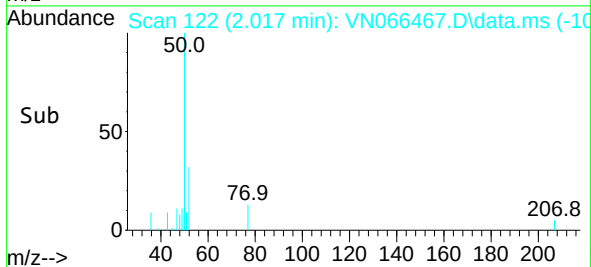
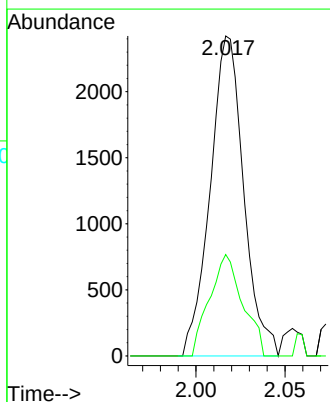
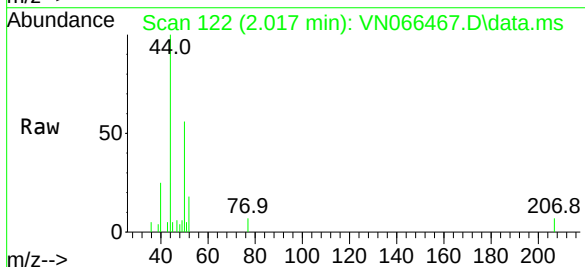
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

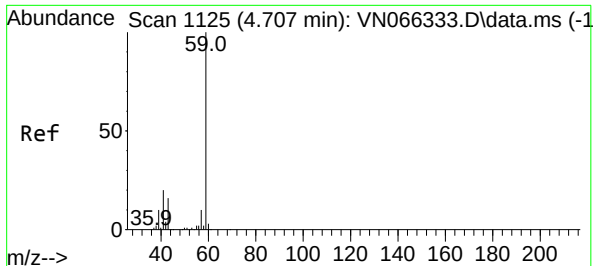
Tgt Ion:168 Resp: 385810
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 50 Resp: 3165
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



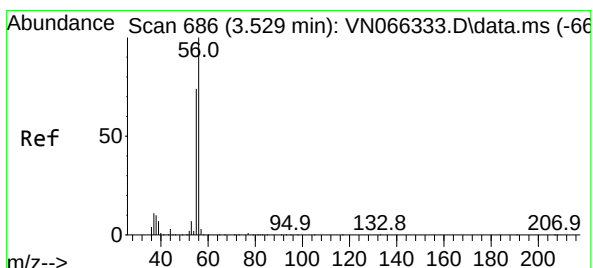
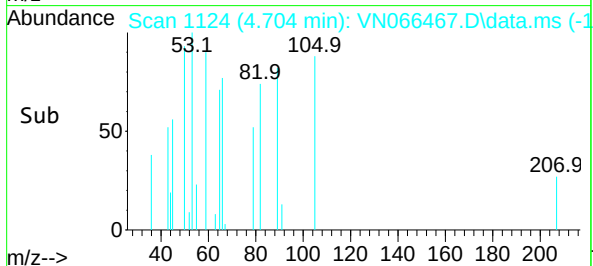
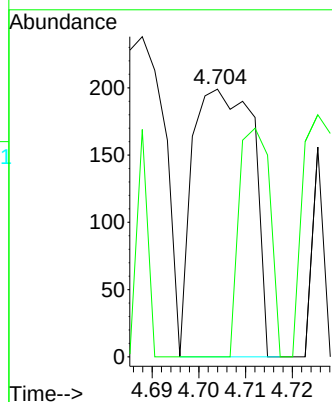
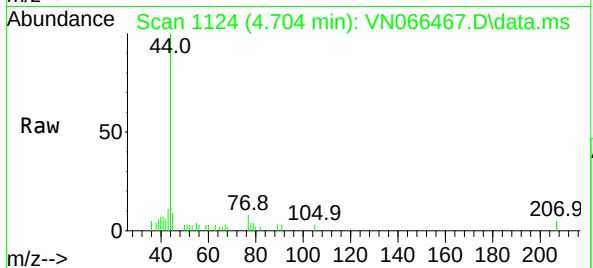


#11

Tert butyl alcohol
Concen: 0.23 ug/l
RT: 4.704 min Scan# 1124
Delta R.T. 0.003 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

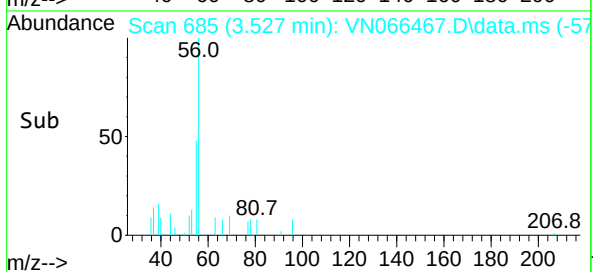
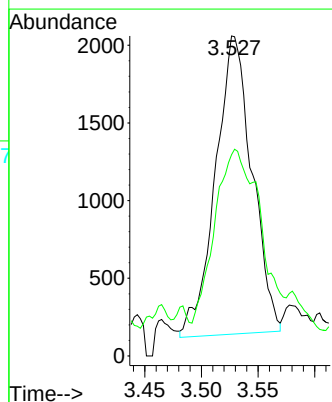
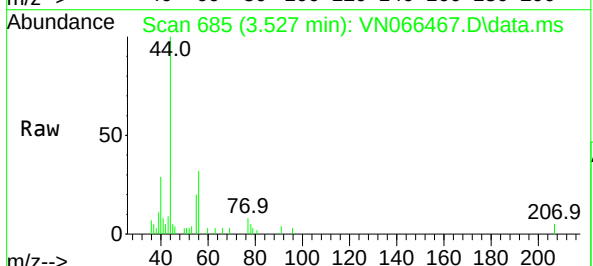
Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 43.3 4.1 6.1#

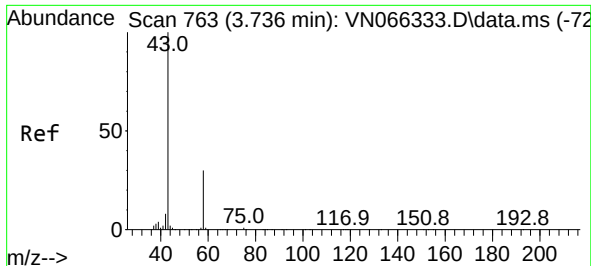


#13

Acrolein
Concen: Below Cal
RT: 3.527 min Scan# 685
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 56 Resp: 4316
Ion Ratio Lower Upper
56 100
55 71.2 57.9 86.9

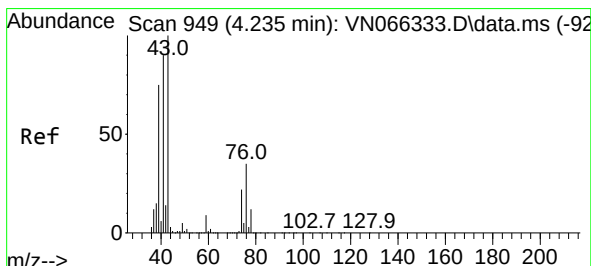
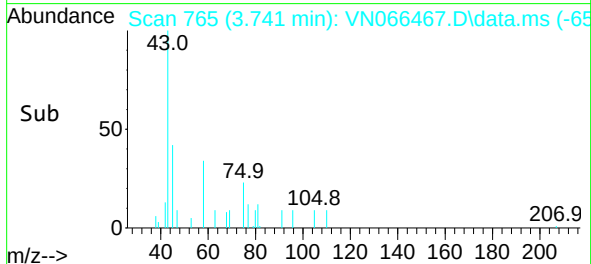
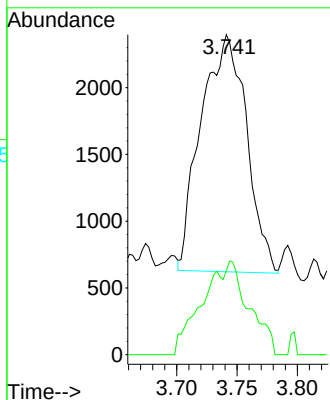
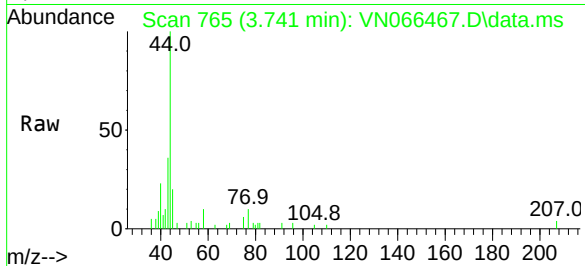




#16
Acetone
Concen: 1.68 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.008 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

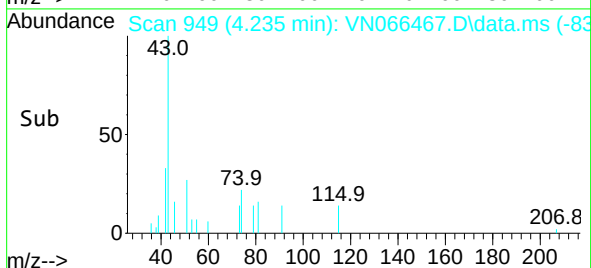
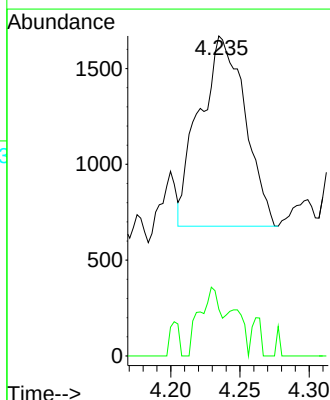
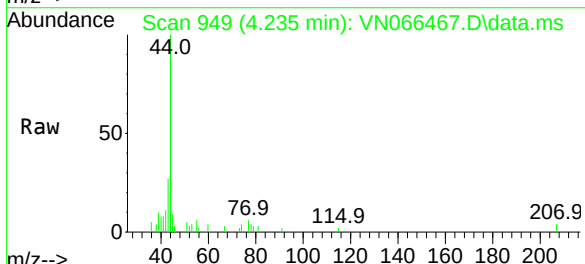
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

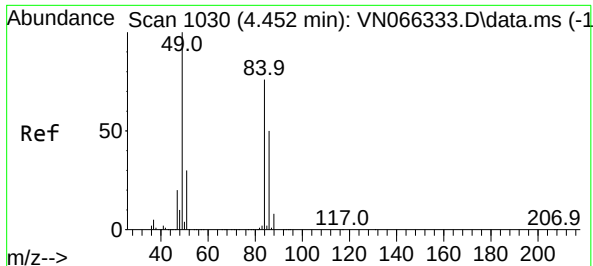
Tgt Ion: 43 Resp: 4654
Ion Ratio Lower Upper
43 100
58 35.7 23.8 35.8



#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.005 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

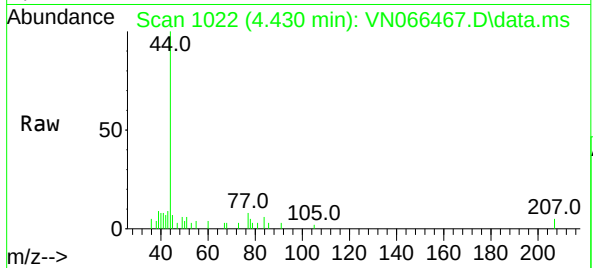
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
74 16.2 17.6 26.4#





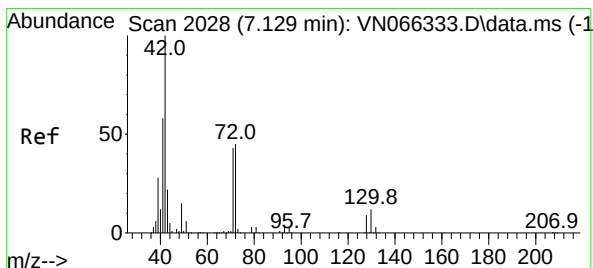
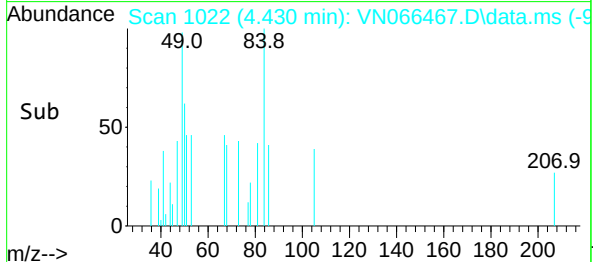
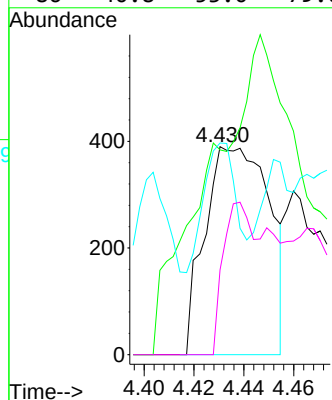
#20
Methylene Chloride
Concen: Below Cal
RT: 4.430 min Scan# 1022
Delta R.T. -0.016 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01



Tgt Ion: 84 Resp: 699

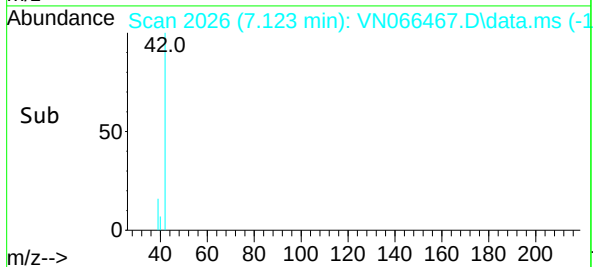
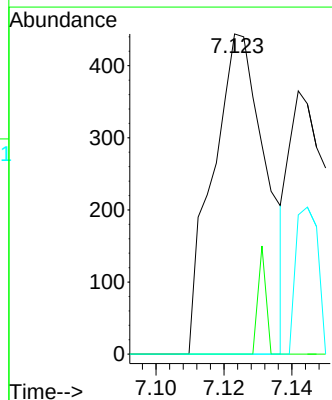
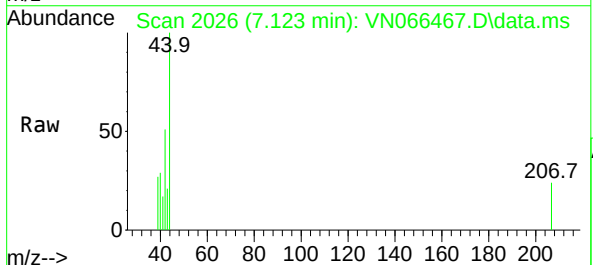
Ion	Ratio	Lower	Upper
84	100		
49	43.8	105.0	157.6#
51	62.1	31.6	47.4#
86	40.8	53.0	79.6#

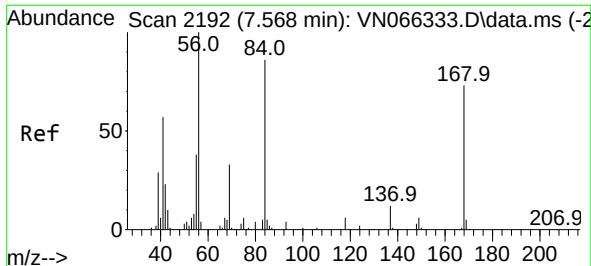


#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 7.123 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 42 Resp: 482

Ion	Ratio	Lower	Upper
42	100		
72	5.0	35.2	52.8#
71	0.0	33.1	49.7#

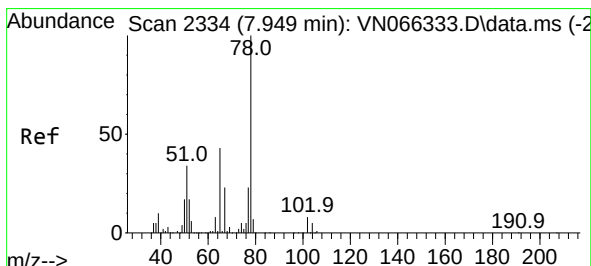
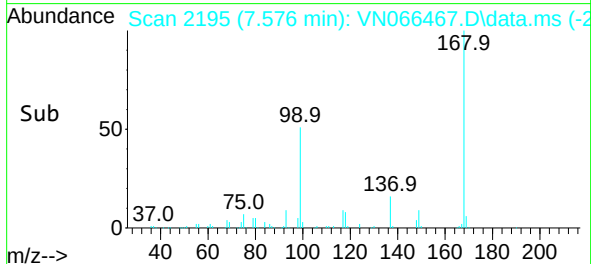
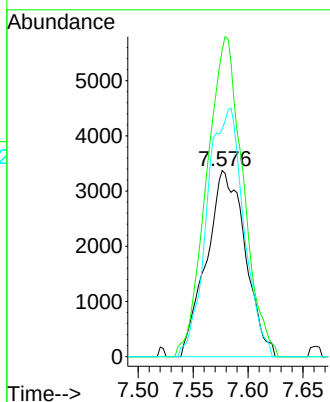
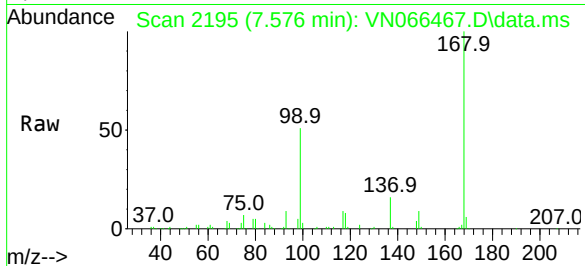




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. 0.011 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

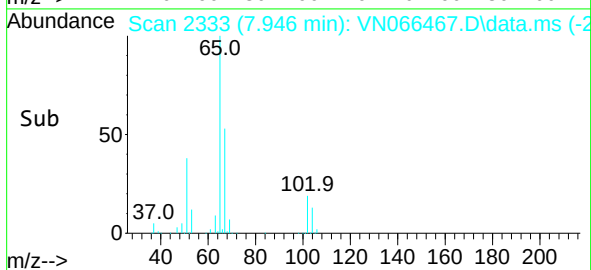
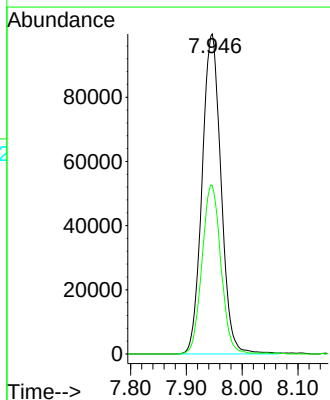
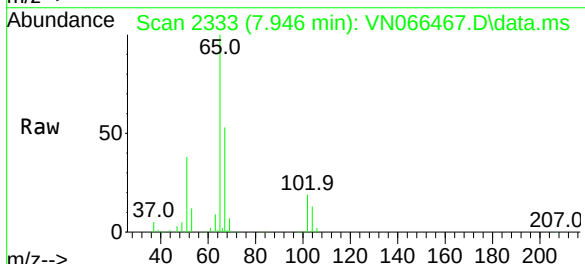
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

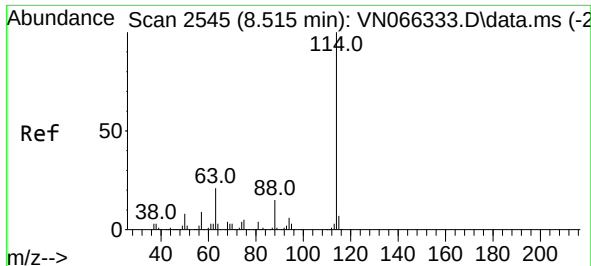
Tgt Ion: 56 Resp: 8284
Ion Ratio Lower Upper
56 100
69 164.9 26.6 40.0#
84 122.2 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 45.91 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. 0.003 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 65 Resp: 235462
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

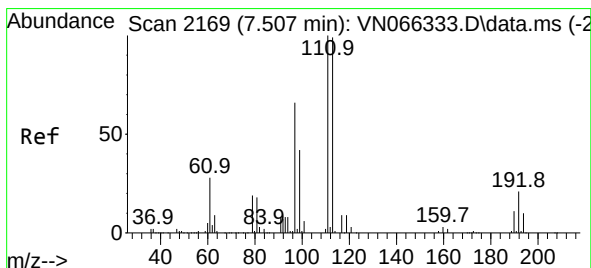
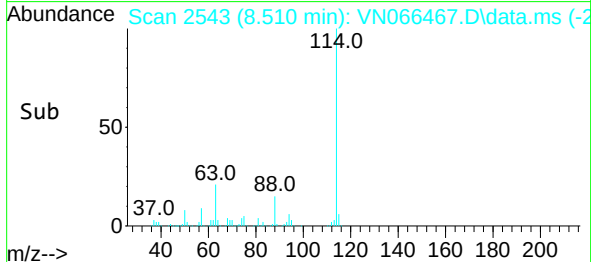
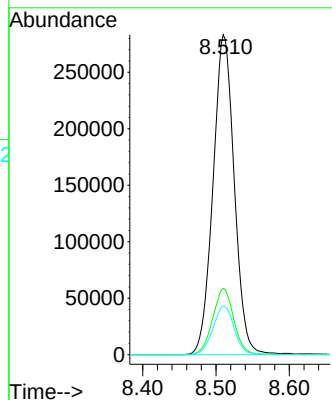
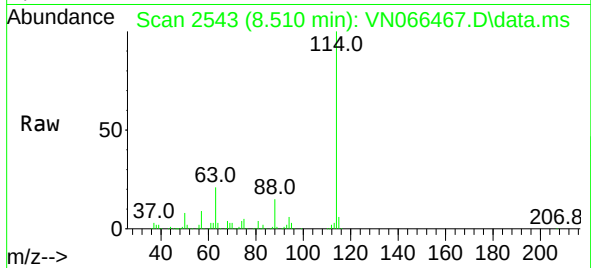




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

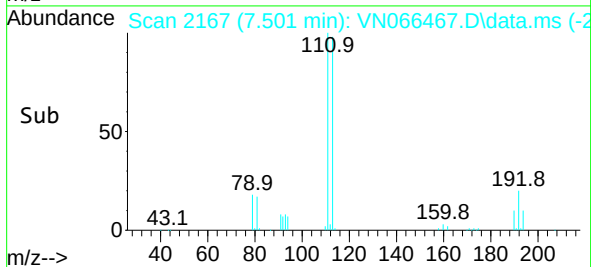
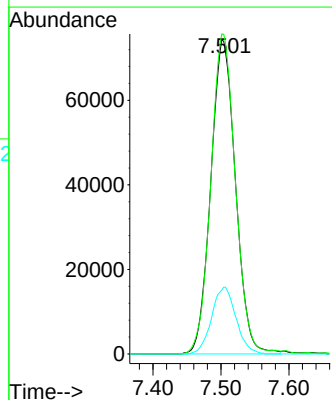
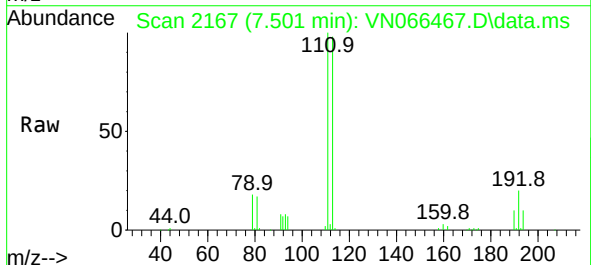
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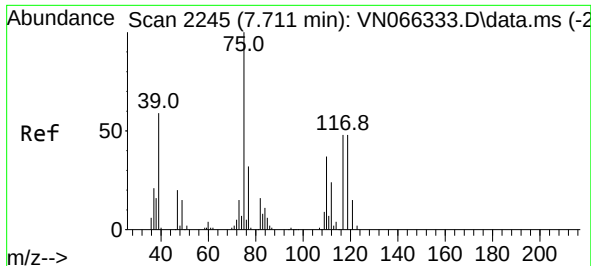
Tgt Ion:114 Resp: 570644
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.0
88 15.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 7.501 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion:113 Resp: 187618
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.8
192 20.9 17.1 25.7

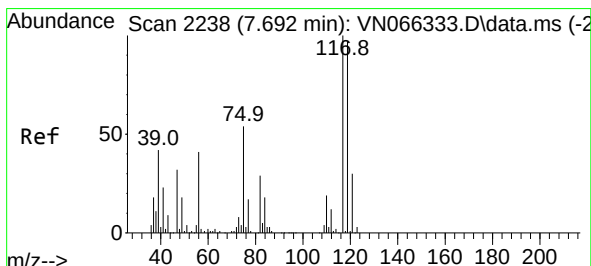
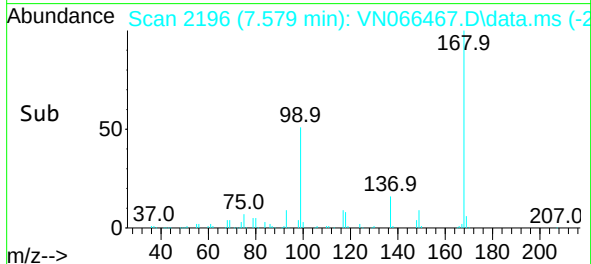
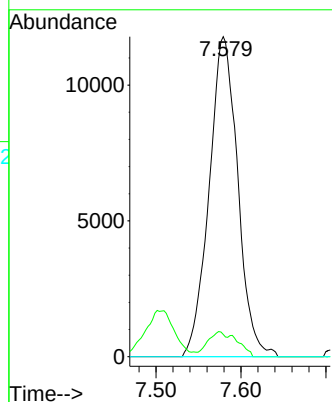
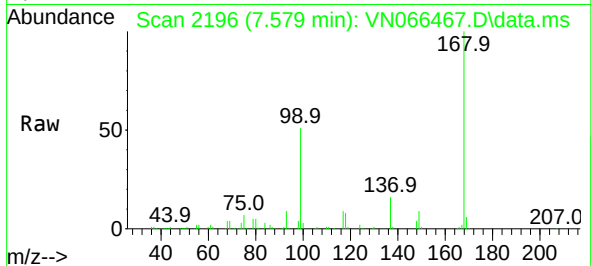




#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.126 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

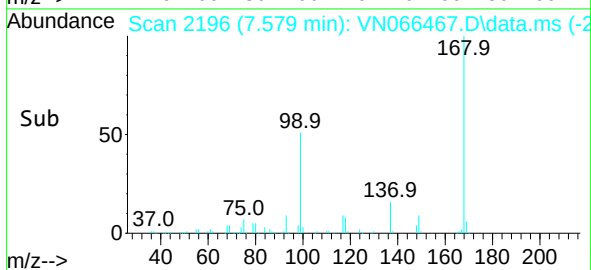
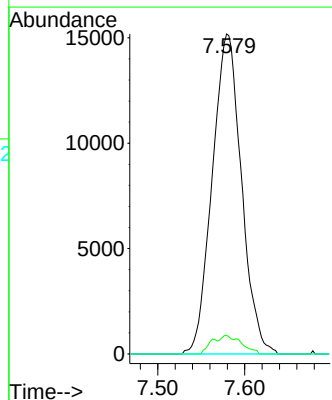
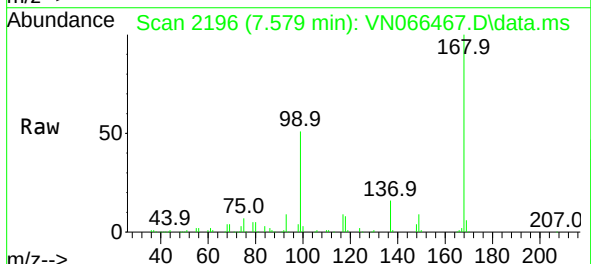
Instrument :
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VN0402WBL01

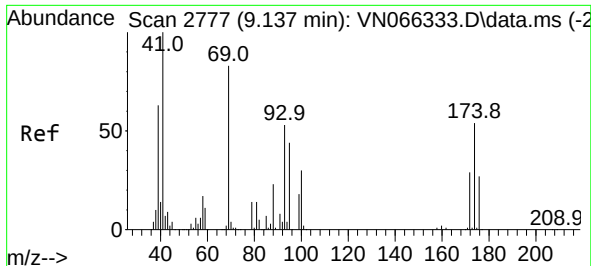
Tgt Ion: 75 Resp: 27588
Ion Ratio Lower Upper
75 100
110 3.8 18.1 54.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.105 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 117 Resp: 35443
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 24.2 36.4#

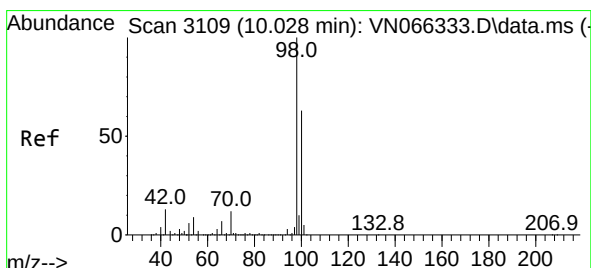
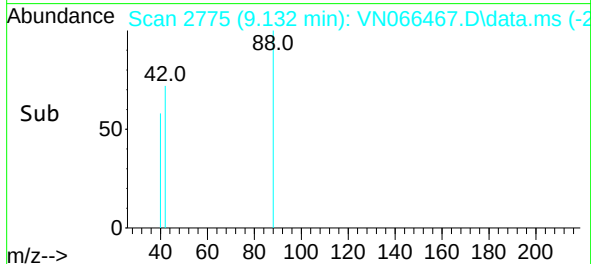
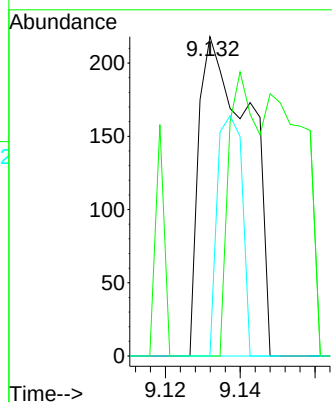
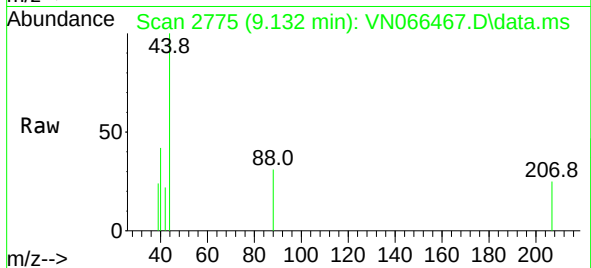




#49
1,4-Dioxane
Concen: 3.35 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

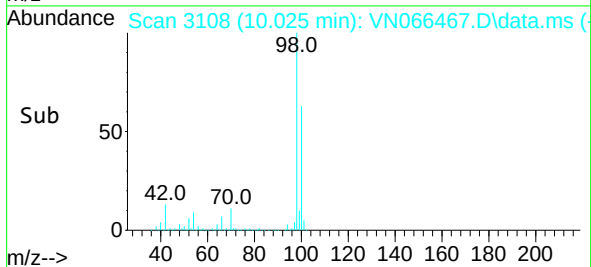
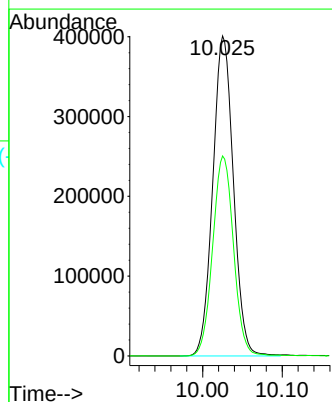
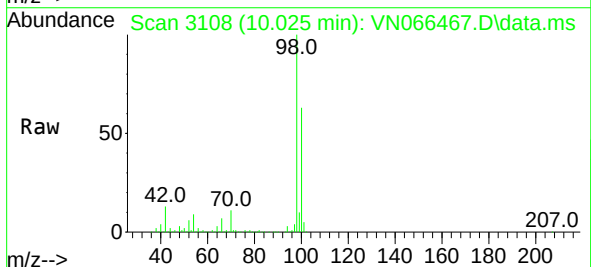
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

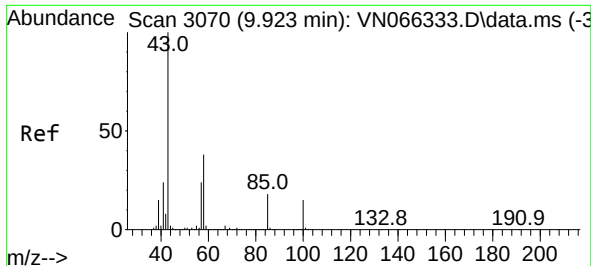
Tgt Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
43 53.5 28.2 42.4#
58 37.1 56.6 84.8#



#50
Toluene-d8
Concen: 50.31 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 98 Resp: 721942
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

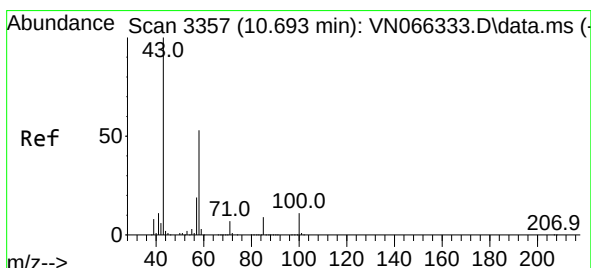
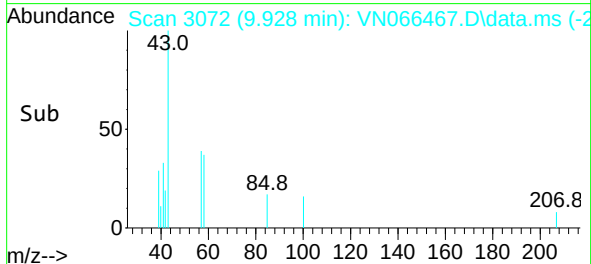
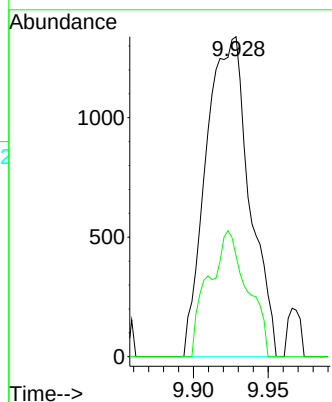
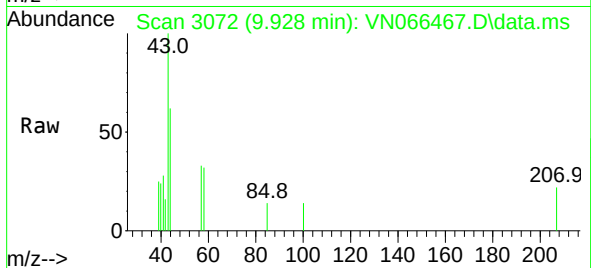




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 9.928 min Scan# 3072
Delta R.T. 0.011 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

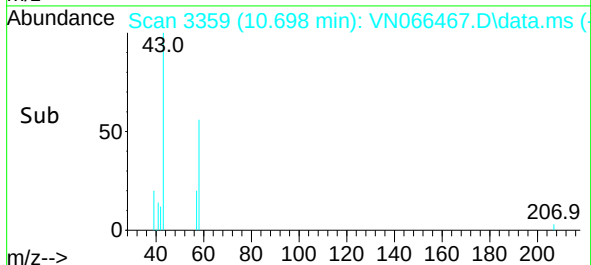
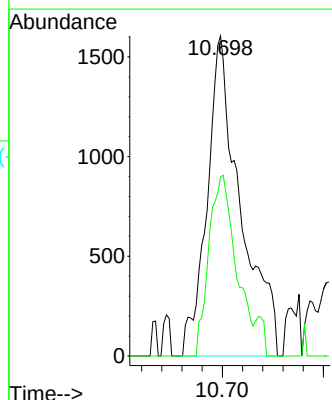
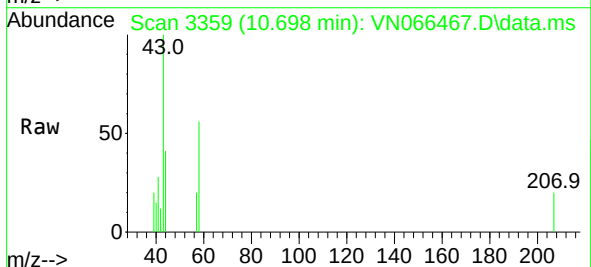
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

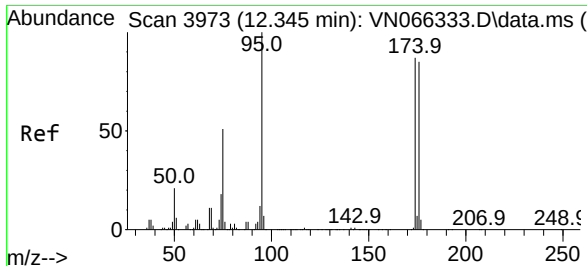
Tgt Ion: 43 Resp: 2699
Ion Ratio Lower Upper
43 100
58 35.1 30.8 46.2



#59
2-Hexanone
Concen: 0.89 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.008 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 43 Resp: 3689
Ion Ratio Lower Upper
43 100
58 45.8 26.6 79.8

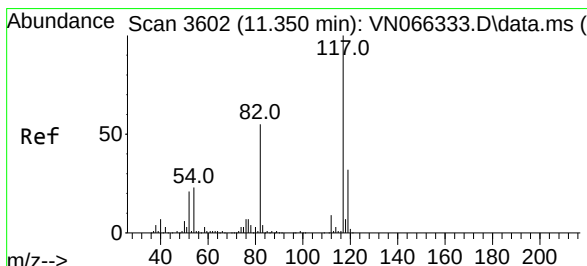
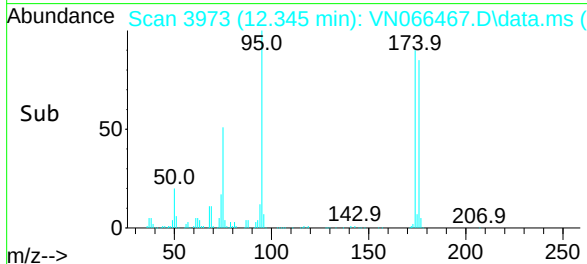
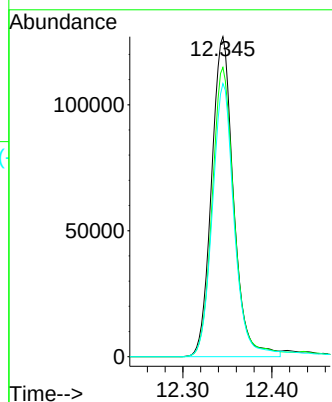
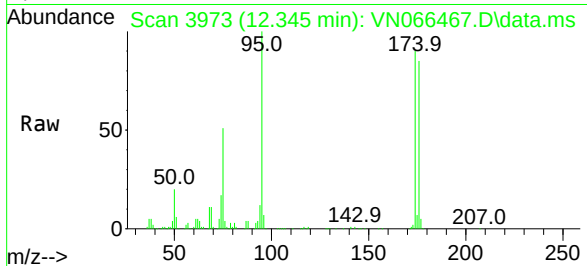




#62
4-Bromofluorobenzene
Concen: 43.74 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

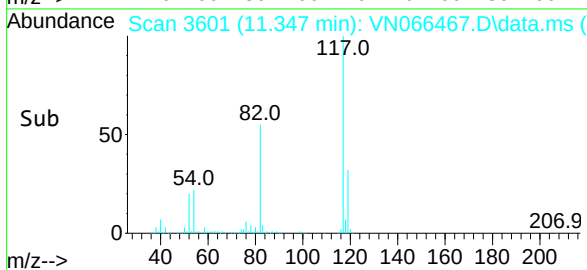
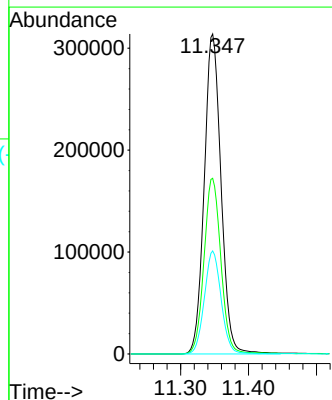
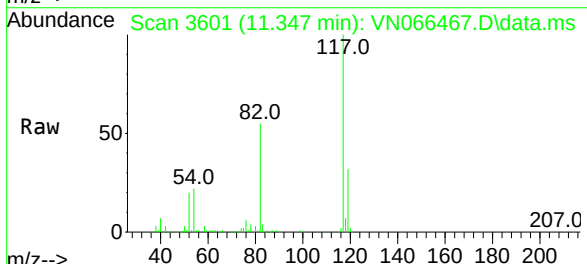
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

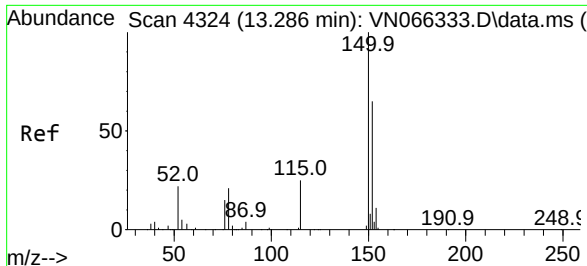
Tgt Ion: 95 Resp: 217981
Ion Ratio Lower Upper
95 100
174 91.2 0.0 172.2
176 84.3 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 117 Resp: 540335
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.2 25.8 38.6

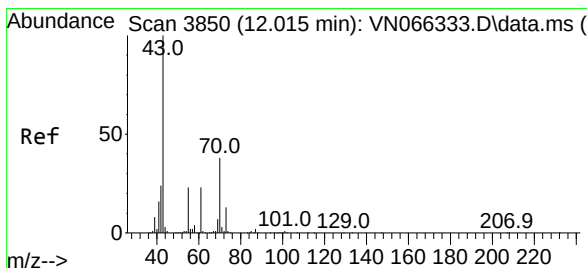
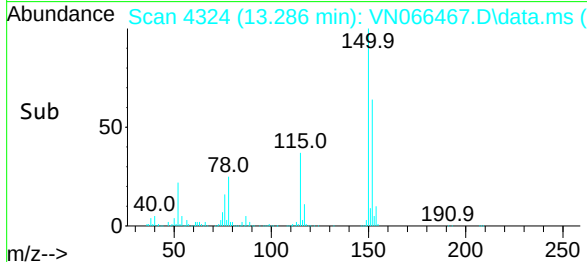
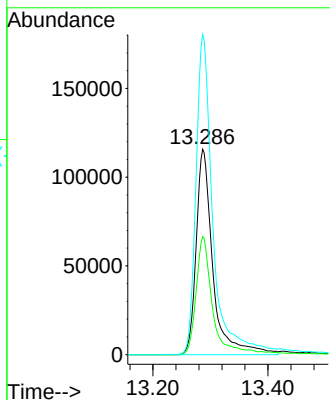
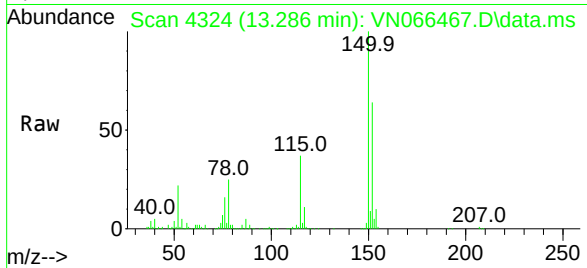




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

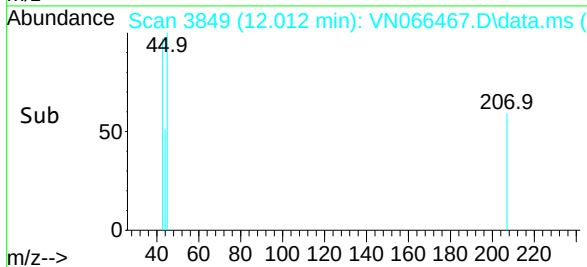
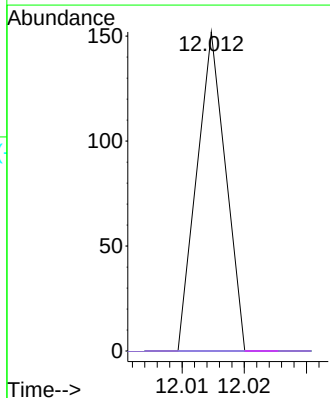
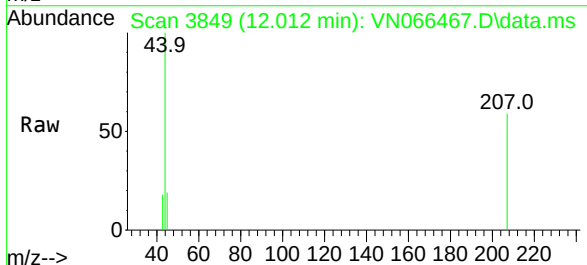
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

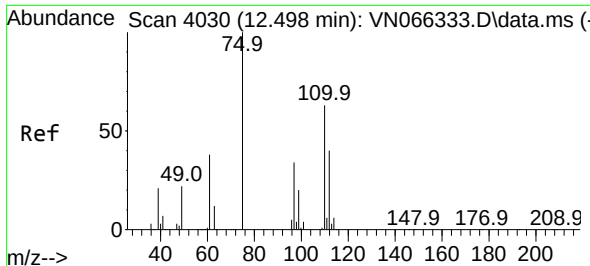
Tgt Ion:152 Resp: 235164
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.4
150 157.2 0.0 348.4



#74
N-ethyl acetate
Concen: 3.20 ug/l
RT: 12.012 min Scan# 3849
Delta R.T. -0.003 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#

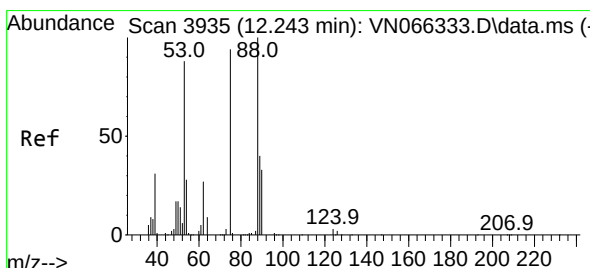
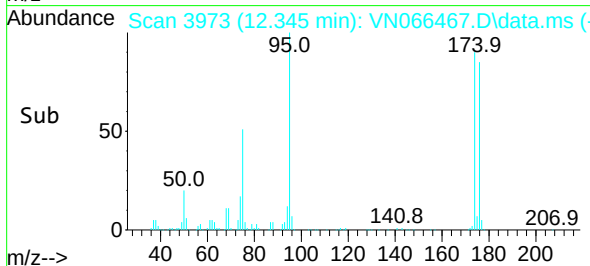
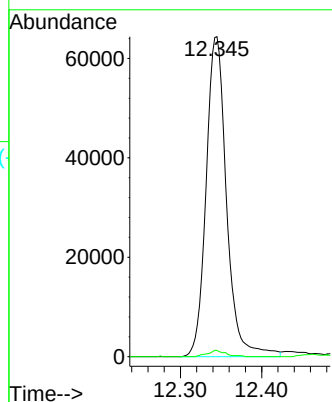
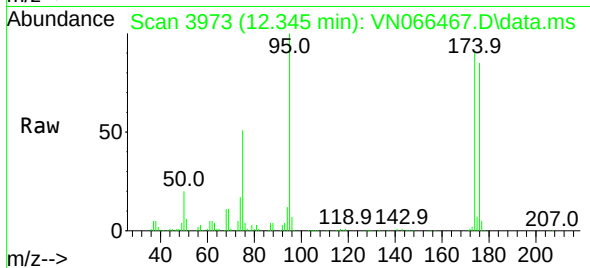




#76
1,2,3-Trichloropropane
Concen: 21.81 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.150 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

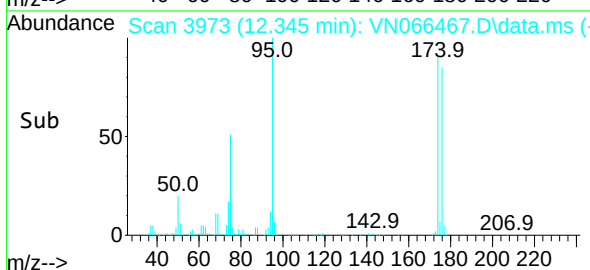
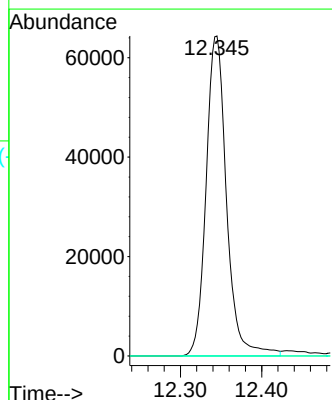
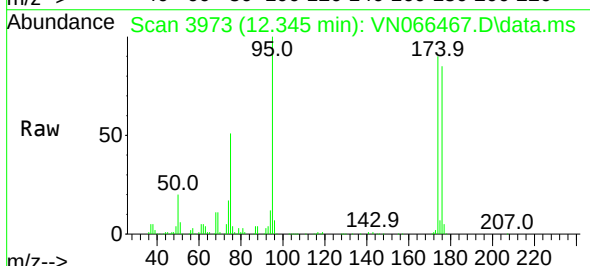
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

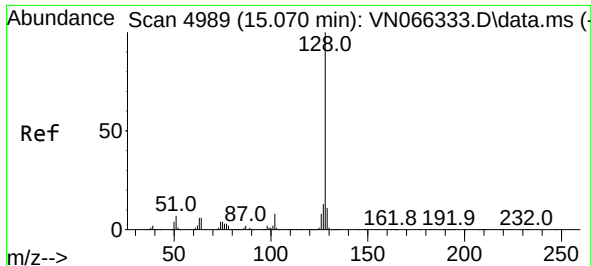
Tgt Ion: 75 Resp: 112546
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.59 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion: 75 Resp: 112546
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#

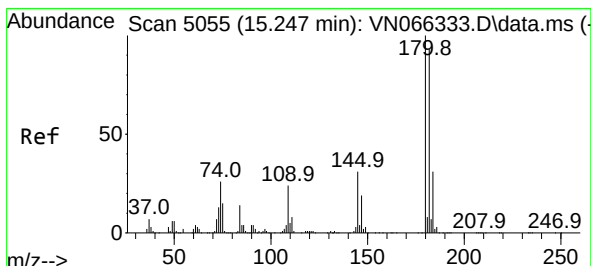
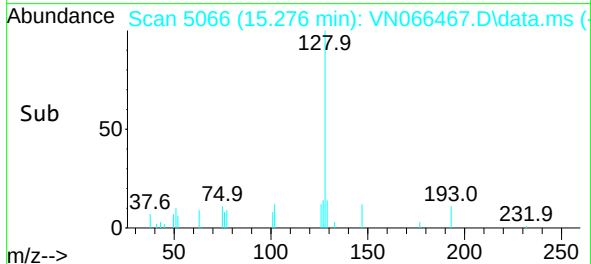
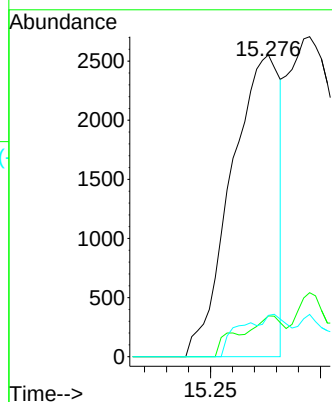
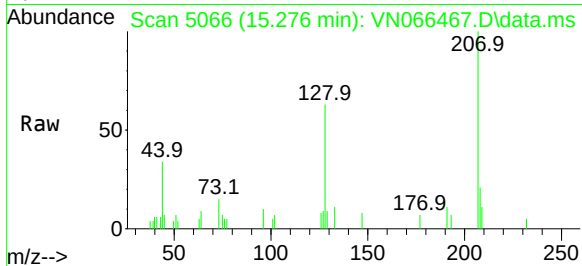




#95
Naphthalene
Concen: 1.33 ug/l
RT: 15.276 min Scan# 5066
Delta R.T. 0.016 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

Tgt Ion:128 Resp: 3892
Ion Ratio Lower Upper
128 100
127 8.2 10.5 15.7#
129 13.7 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.23 ug/l
RT: 15.502 min Scan# 5150
Delta R.T. 0.005 min
Lab File: VN066467.D
Acq: 2 Apr 2021 15:00

Tgt Ion:180 Resp: 1027
Ion Ratio Lower Upper
180 100
182 78.6 47.6 142.9
145 22.5 15.4 46.1

