

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066069.D
 Acq On : 1 Mar 2021 11:27
 Operator : JC/MD
 Sample : VN0301MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301MBL01

Quant Time: Mar 01 21:39:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

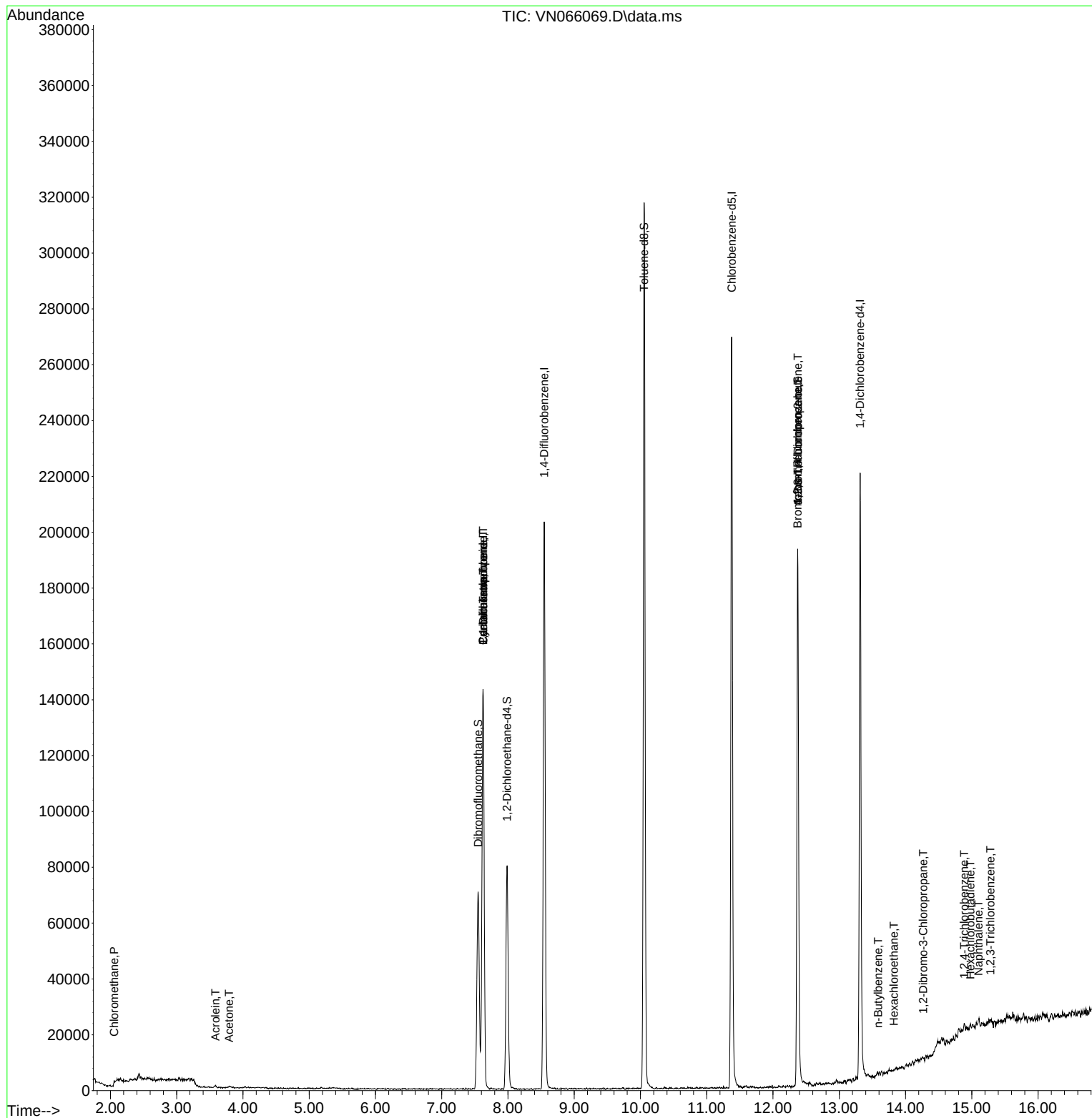
Internal Standards						
1) Pentafluorobenzene	7.624	168	115531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	184733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	164687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	63954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	76048	47.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.14%		
35) Dibromofluoromethane	7.550	113	56763	49.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.30%		
50) Toluene-d8	10.055	98	227573	48.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.98%		
62) 4-Bromofluorobenzene	12.373	95	78053	44.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.60%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	685	0.36	ug/l #	75
13) Acrolein	3.586	56	757	3.68	ug/l	95
16) Acetone	3.788	43	1061	0.49	ug/l #	41
31) Cyclohexane	7.624	56	2222	0.92	ug/l #	13
36) 1,1-Dichloropropene	7.624	75	8586	4.71	ug/l #	49
38) Carbon Tetrachloride	7.624	117	11494	6.79	ug/l #	17
71) Bromoform	12.370	173	99	2.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	38384	24.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	38384	79.62	ug/l #	12
89) n-Butylbenzene	13.585	91	749	0.21	ug/l #	42
90) Hexachloroethane	13.826	117	256	0.35	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.267	75	198	1.49	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.884	180	439	2.83	ug/l	78
94) Hexachlorobutadiene	14.981	225	205	0.42	ug/l #	60
95) Naphthalene	15.103	128	2792	3.76	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.283	180	379	2.49	ug/l	73

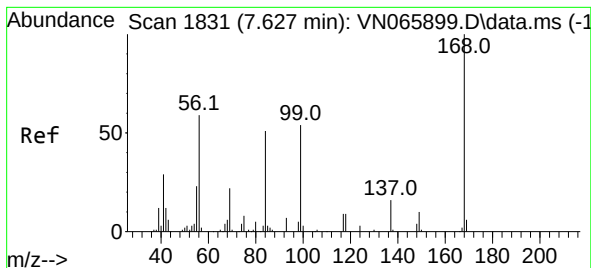
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066069.D
Acq On : 1 Mar 2021 11:27
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

Quant Time: Mar 01 21:39:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.003 min

Lab File: VN066069.D

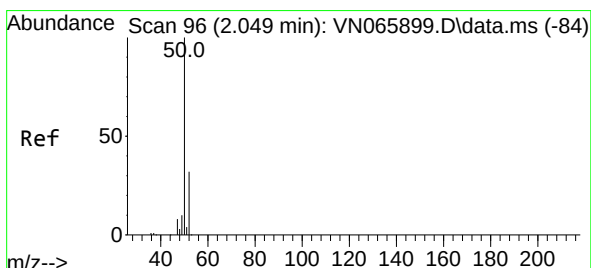
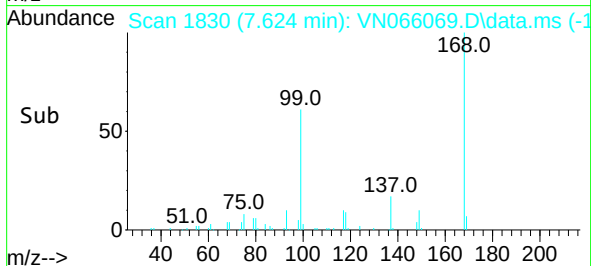
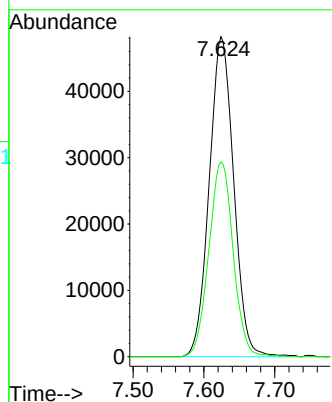
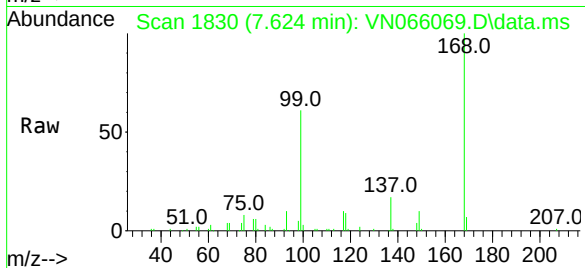
Acq: 1 Mar 2021 11:27

Tgt Ion:168 Resp: 115531

Ion Ratio Lower Upper

168 100

99 60.8 42.6 63.8



#3

Chloromethane

Concen: 0.36 ug/l

RT: 2.055 min Scan# 98

Delta R.T. 0.006 min

Lab File: VN066069.D

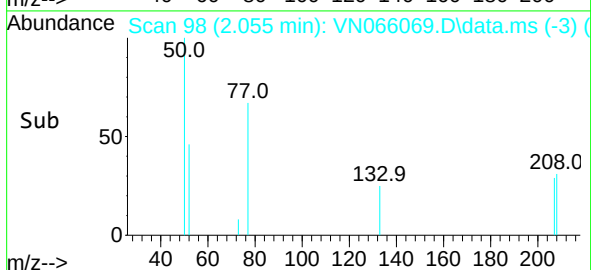
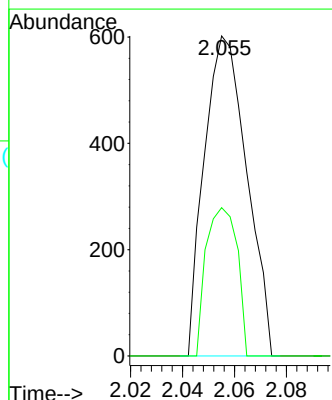
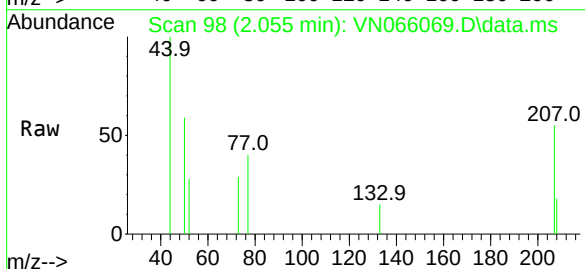
Acq: 1 Mar 2021 11:27

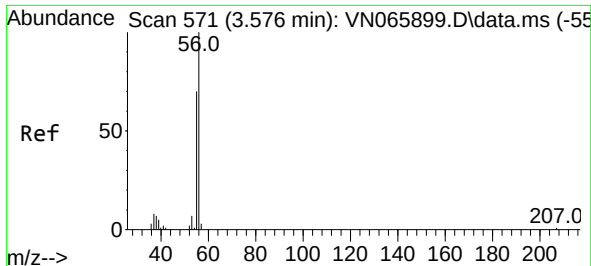
Tgt Ion: 50 Resp: 685

Ion Ratio Lower Upper

50 100

52 46.3 25.8 38.8#

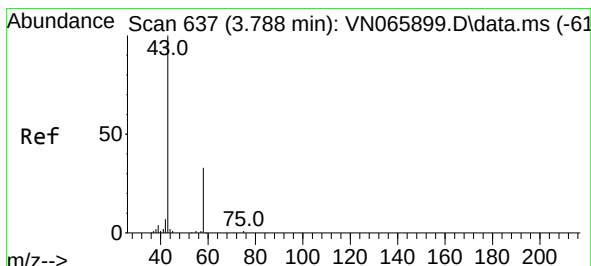
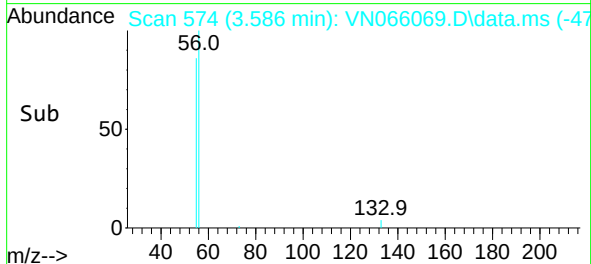
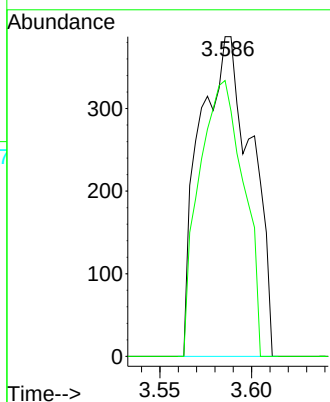
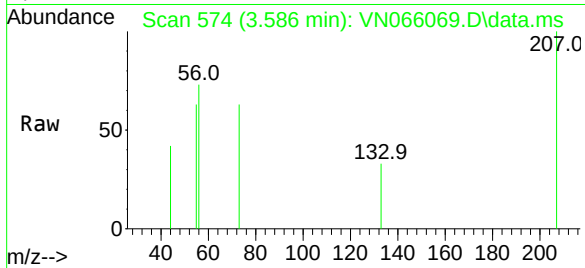




#13
Acrolein
Concen: 3.68 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

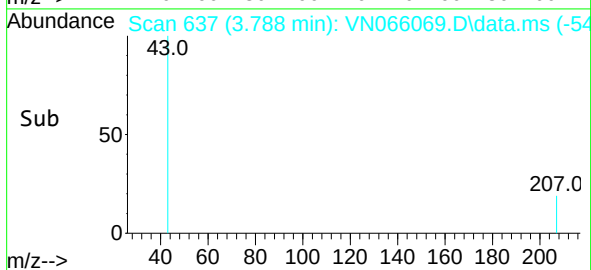
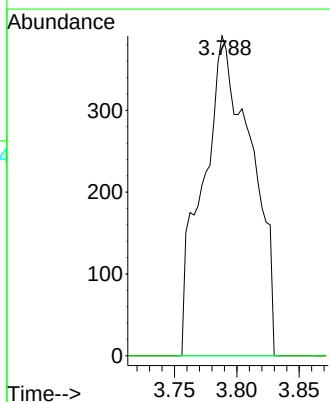
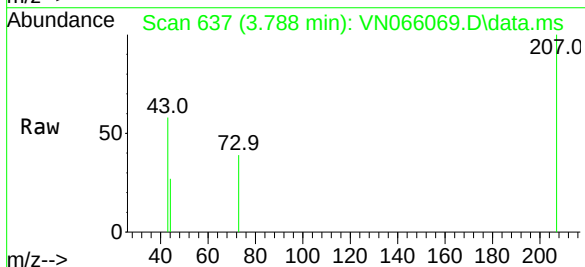
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

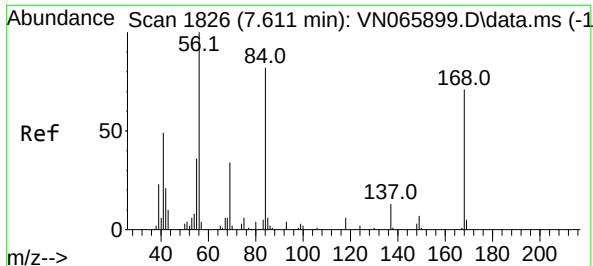
Tgt Ion: 56 Resp: 757
Ion Ratio Lower Upper
56 100
55 74.2 56.0 84.0



#16
Acetone
Concen: 0.49 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

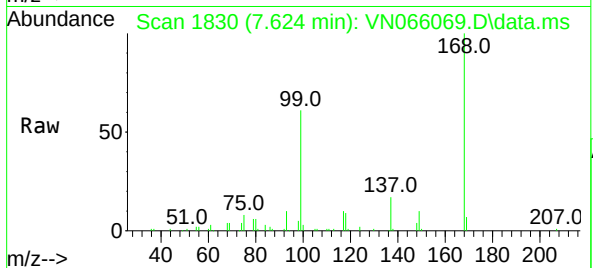
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



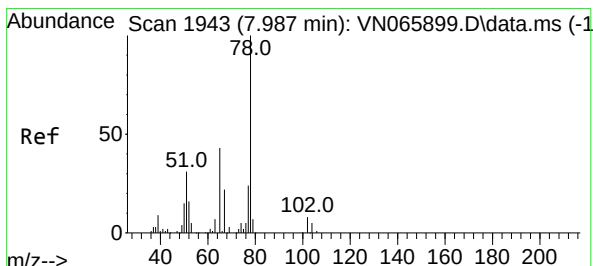
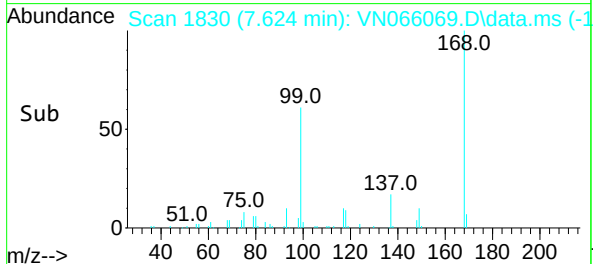
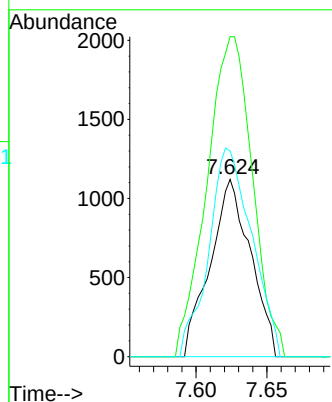


#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

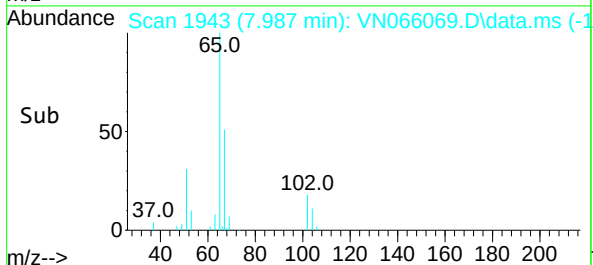
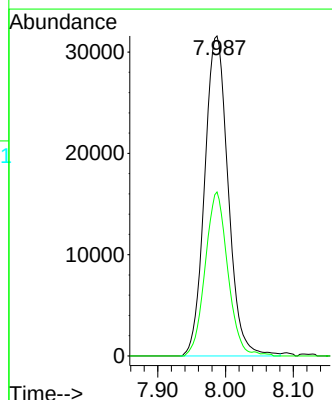
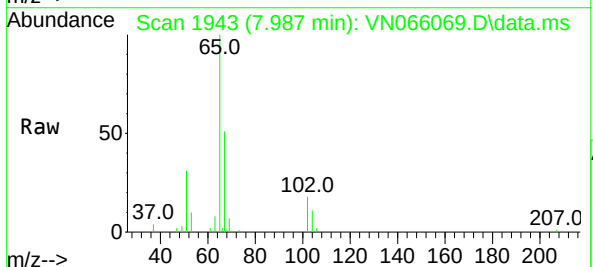


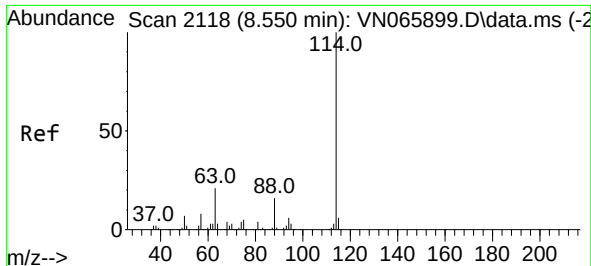
Tgt Ion: 56 Resp: 2222
Ion Ratio Lower Upper
56 100
69 167.1 26.6 39.8#
84 116.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.07 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion: 65 Resp: 76048
Ion Ratio Lower Upper
65 100
67 49.4 0.0 107.2

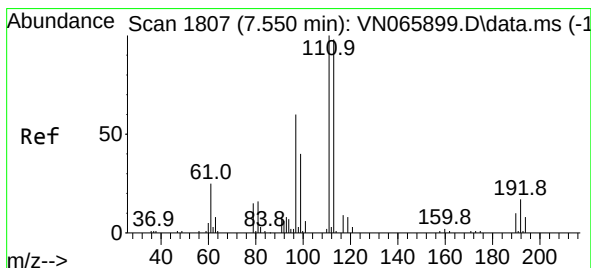
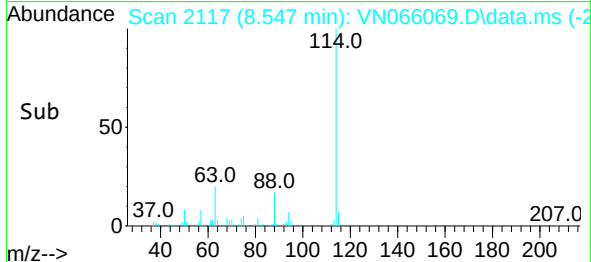
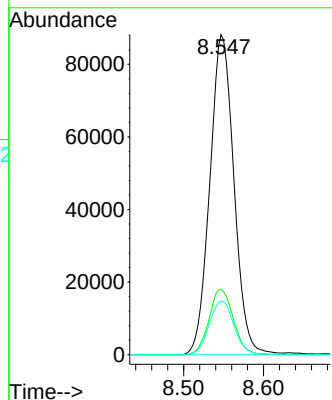
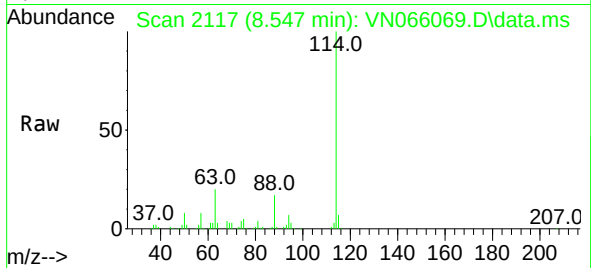




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

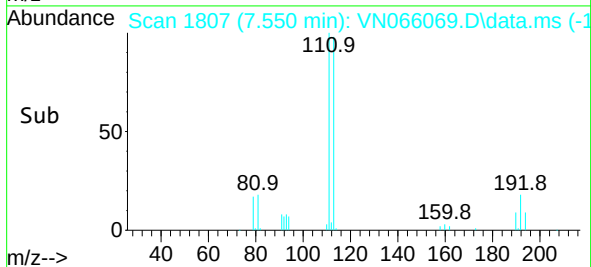
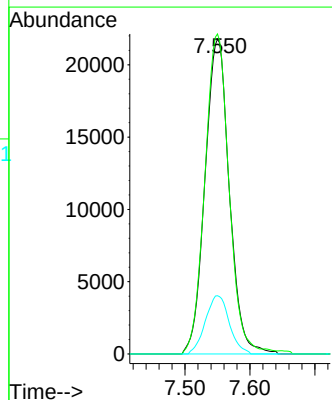
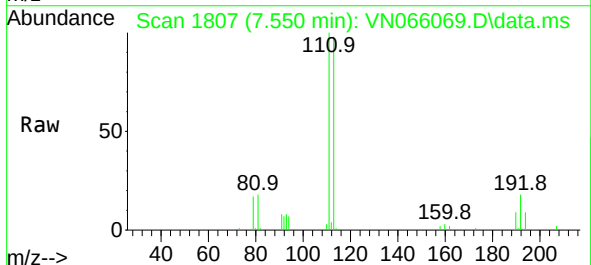
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

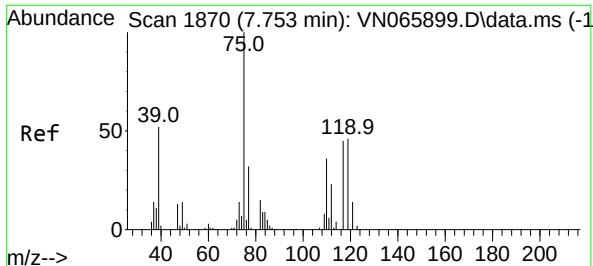
Tgt Ion:114 Resp: 184733
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.65 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion:113 Resp: 56763
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 18.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.71 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.129 min

Lab File: VN066069.D

Acq: 1 Mar 2021 11:27

Tgt Ion: 75 Resp: 8586

Ion Ratio Lower Upper

75 100

110 8.8 18.2 54.6#

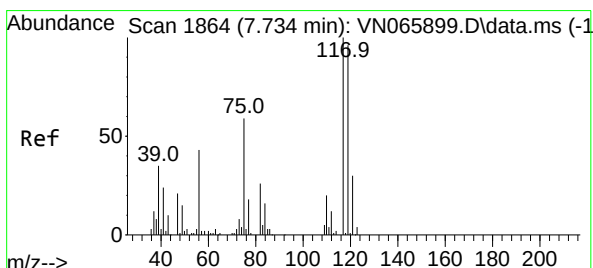
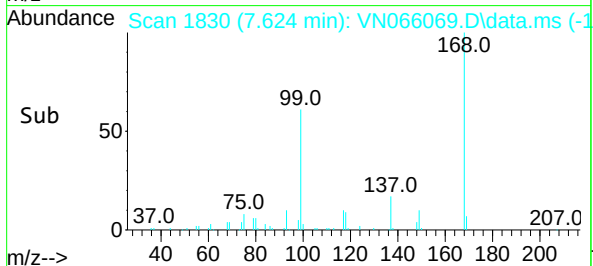
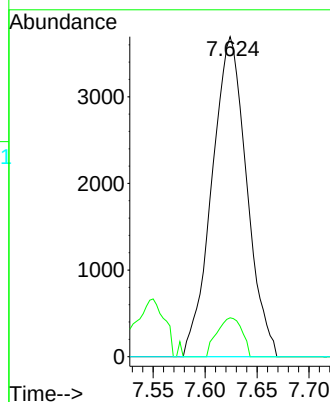
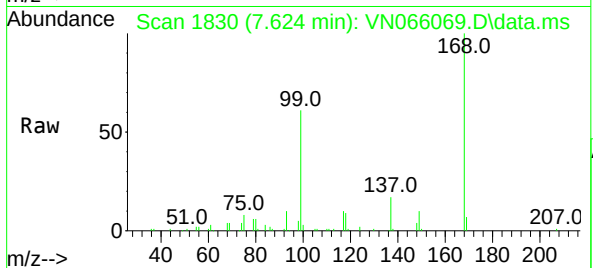
77 0.0 24.9 37.3#

Instrument :

MSVOA_N

ClientSampleId :

VN0301MBL01



#38

Carbon Tetrachloride

Concen: 6.79 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.110 min

Lab File: VN066069.D

Acq: 1 Mar 2021 11:27

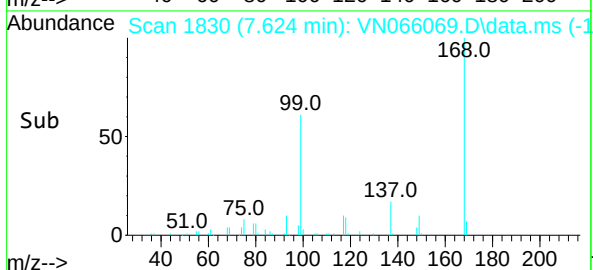
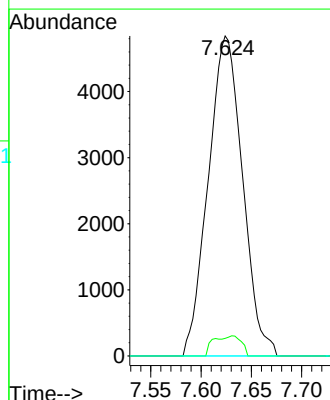
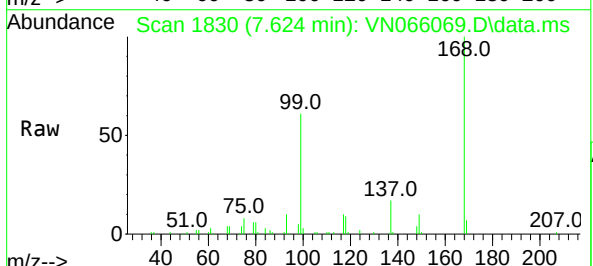
Tgt Ion: 117 Resp: 11494

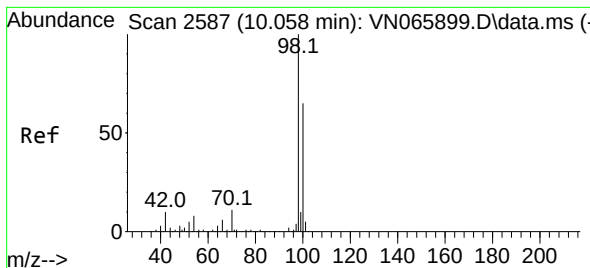
Ion Ratio Lower Upper

117 100

119 5.5 76.0 114.0#

121 0.0 24.5 36.7#

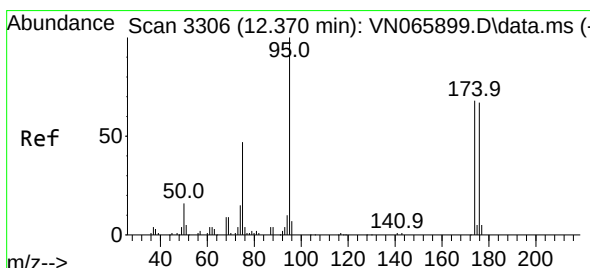
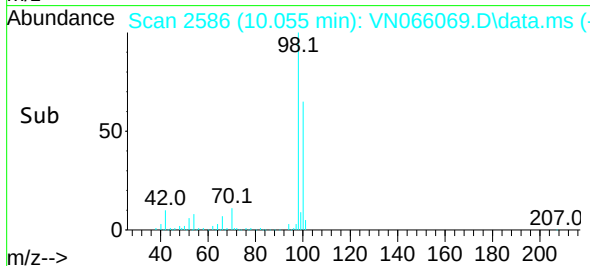
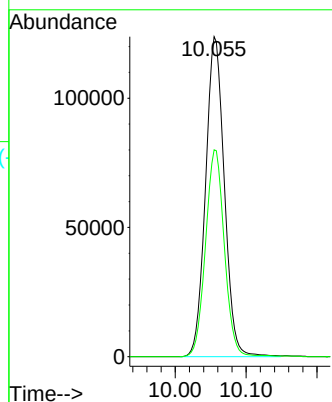
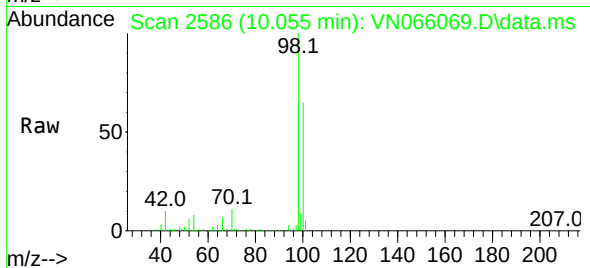




#50
Toluene-d8
Concen: 48.49 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

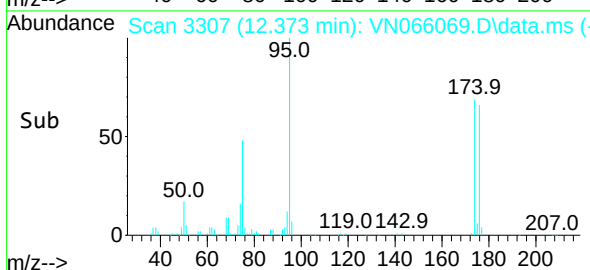
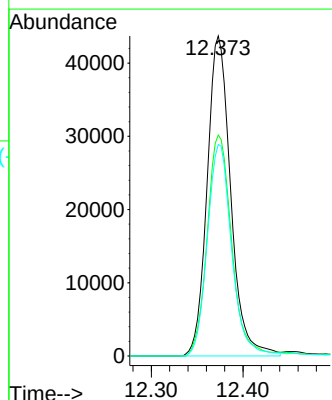
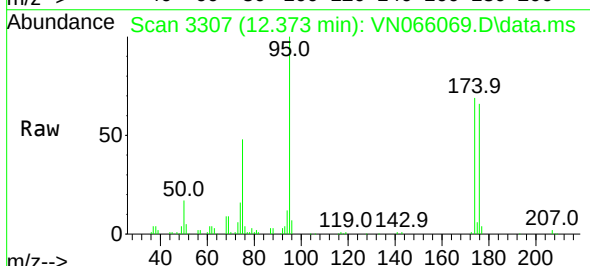
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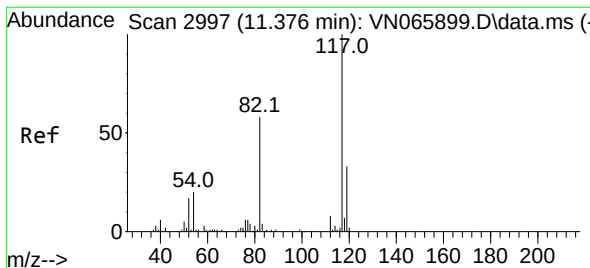
Tgt Ion: 98 Resp: 227573
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.30 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion: 95 Resp: 78053
Ion Ratio Lower Upper
95 100
174 71.6 0.0 169.0
176 68.3 0.0 162.4

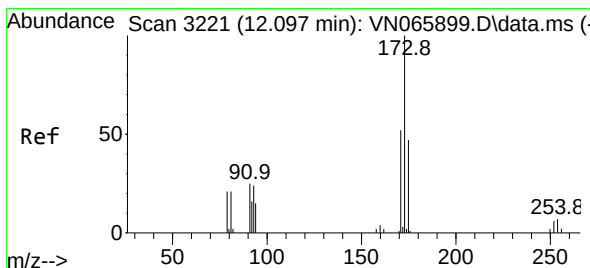
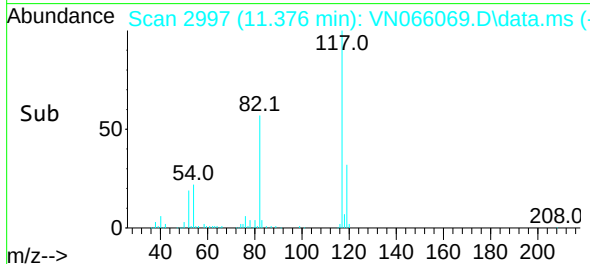
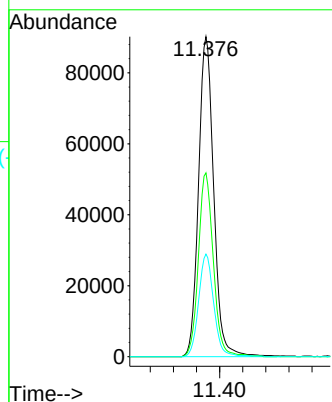
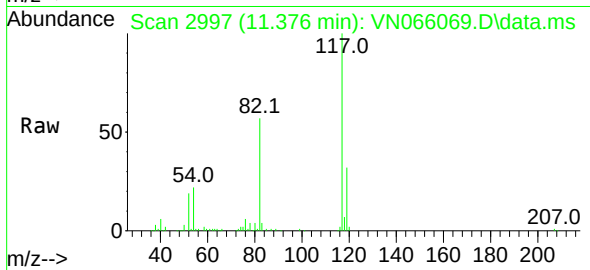




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

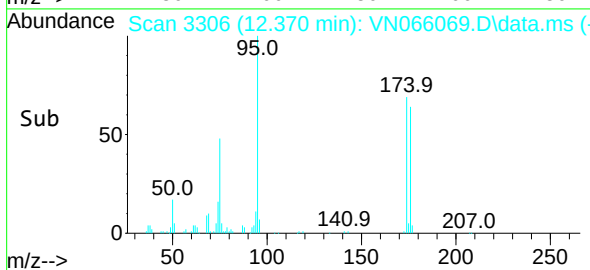
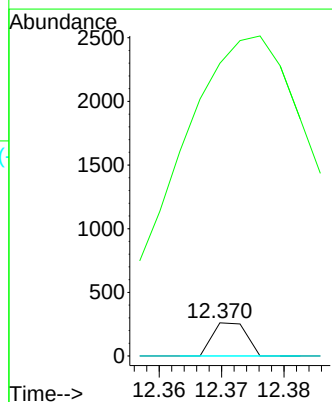
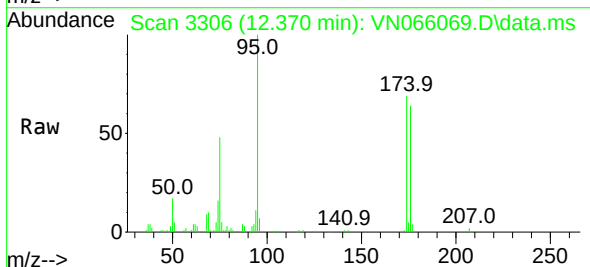
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

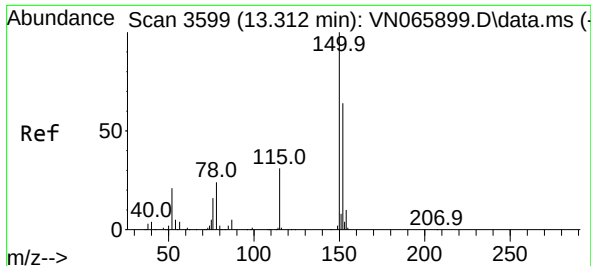
Tgt Ion:117 Resp: 164687
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 32.0 26.1 39.1



#71
Bromoform
Concen: 2.60 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.273 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion:173 Resp: 99
Ion Ratio Lower Upper
173 100
175 3444.4 23.8 71.2#
254 0.0 0.0 0.0

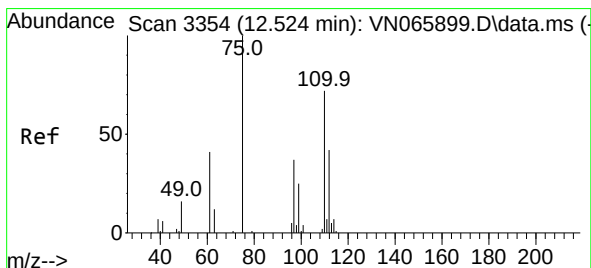
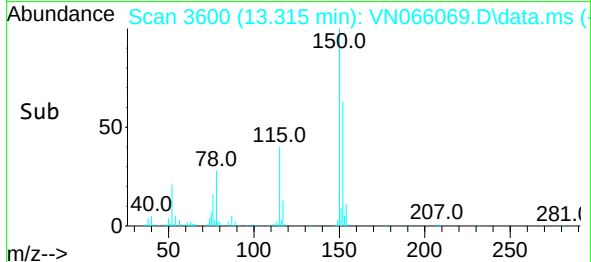
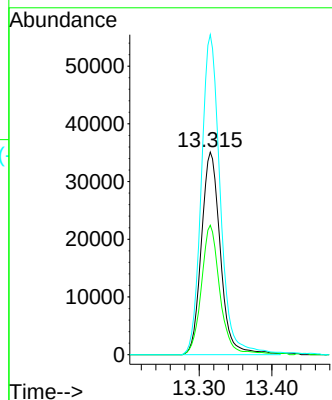
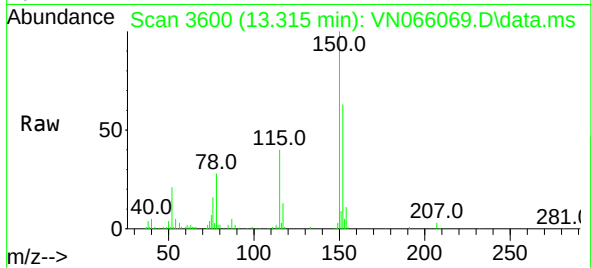




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066069.D
 Acq: 1 Mar 2021 11:27

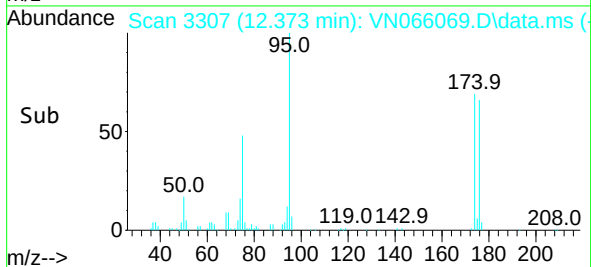
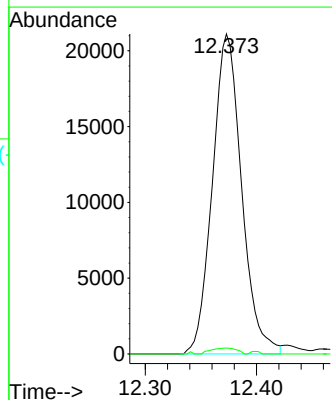
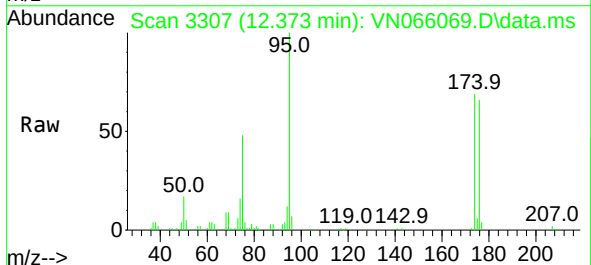
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301MBL01

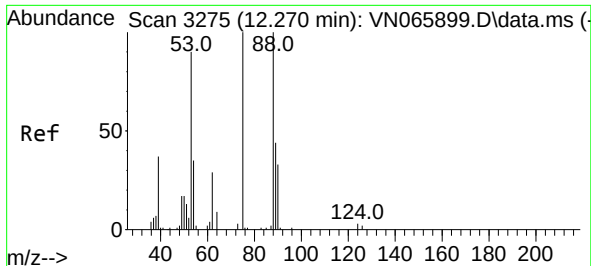
Tgt Ion:152 Resp: 63954
 Ion Ratio Lower Upper
 152 100
 115 62.3 28.5 85.6
 150 157.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 24.98 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066069.D
 Acq: 1 Mar 2021 11:27

Tgt Ion: 75 Resp: 38384
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

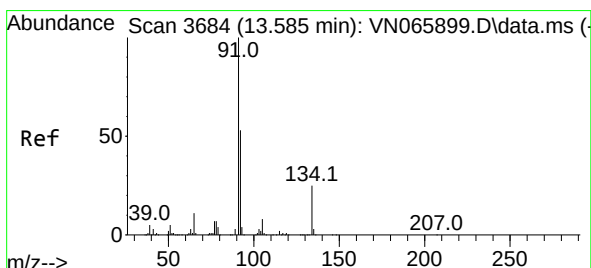
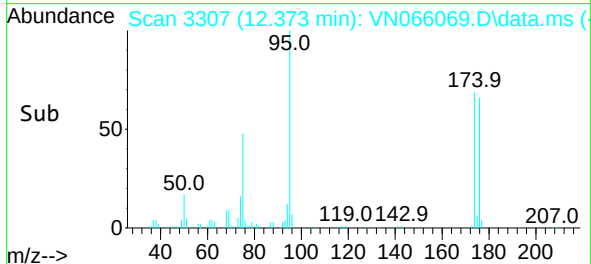
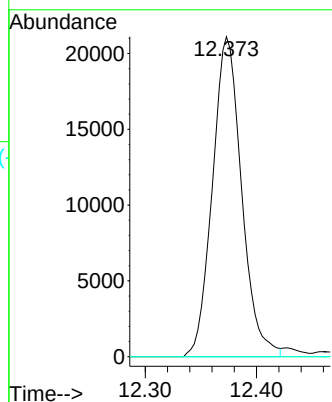
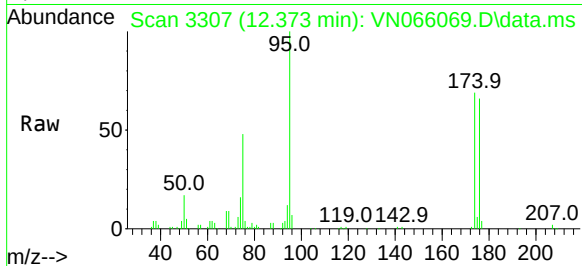




#81
trans-1,4-Dichloro-2-butene
Concen: 79.62 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

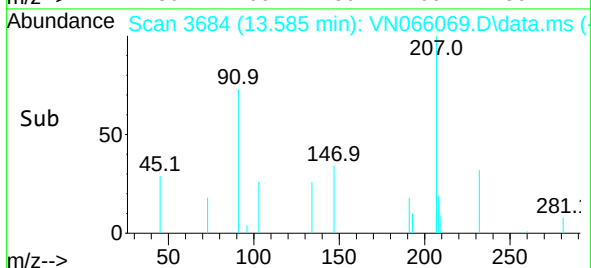
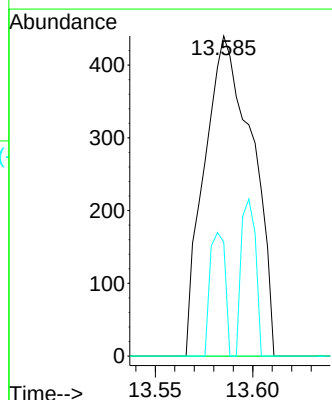
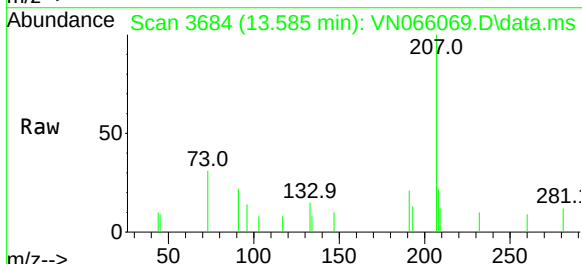
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

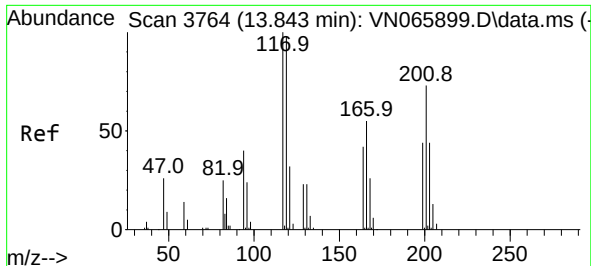
Tgt Ion: 75 Resp: 38384
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion: 91 Resp: 749
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 12.3 13.0 38.9#

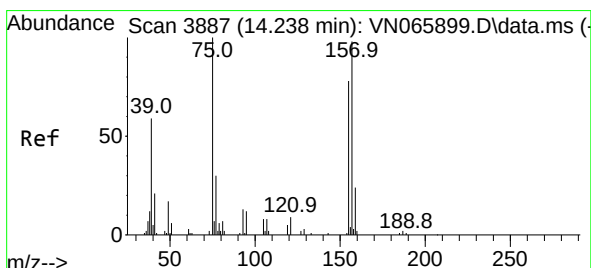
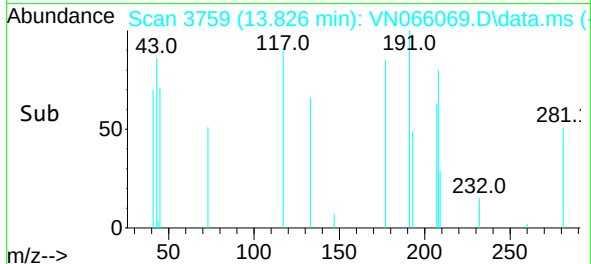
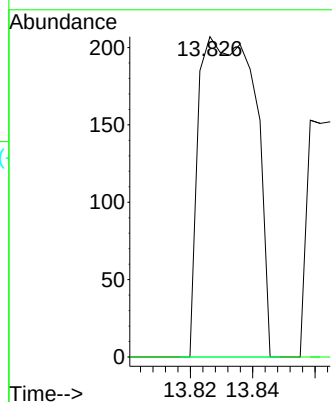
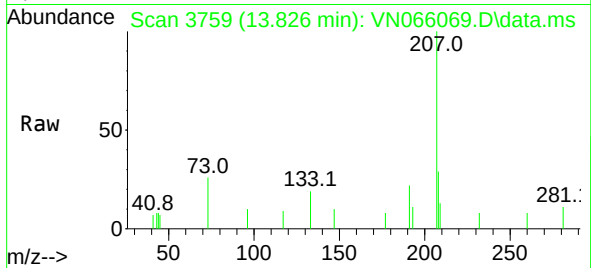




#90
Hexachloroethane
Concen: 0.35 ug/l
RT: 13.826 min Scan# 3759
Delta R.T. -0.017 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

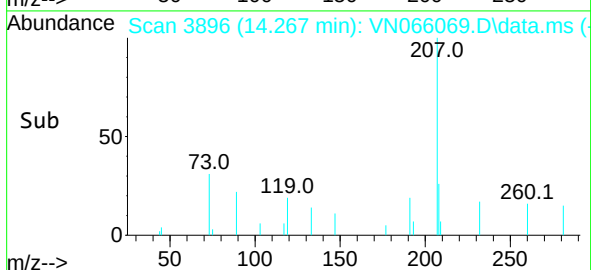
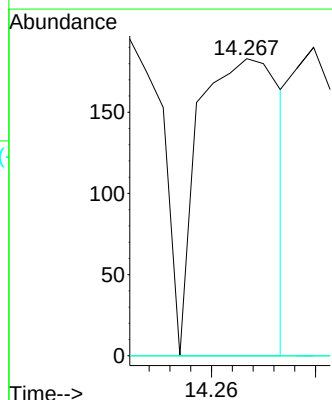
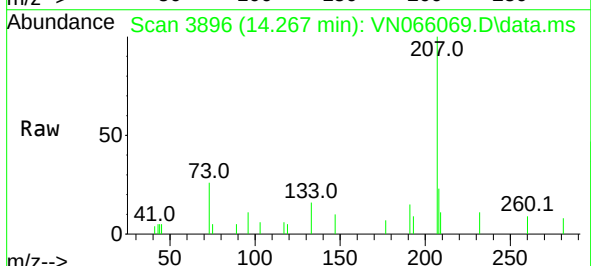
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

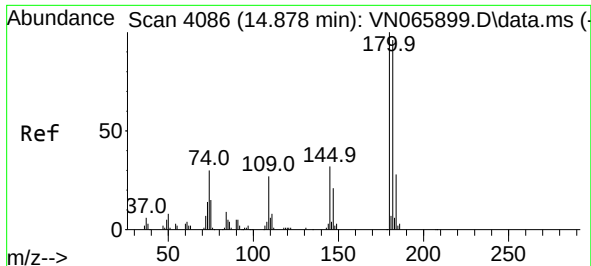
Tgt Ion:117 Resp: 256
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.49 ug/l
RT: 14.267 min Scan# 3896
Delta R.T. 0.029 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

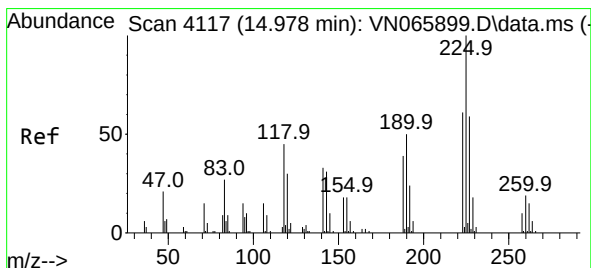
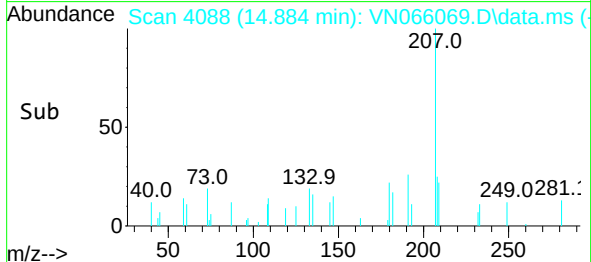
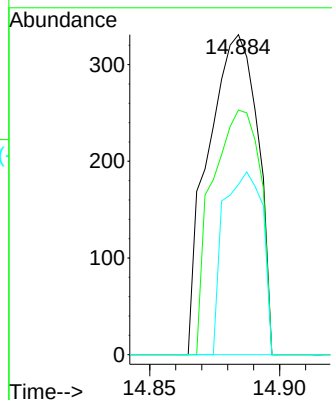
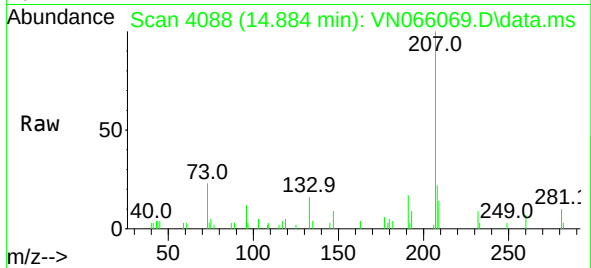




#93
1,2,4-Trichlorobenzene
Concen: 2.83 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

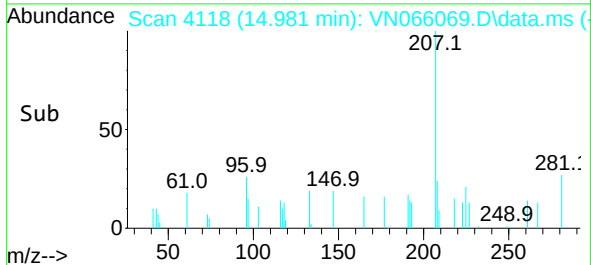
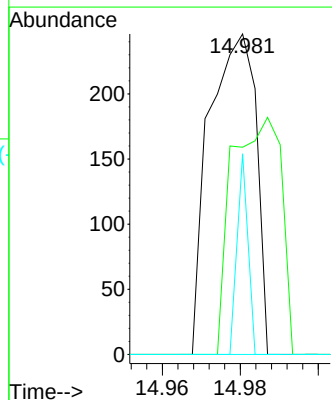
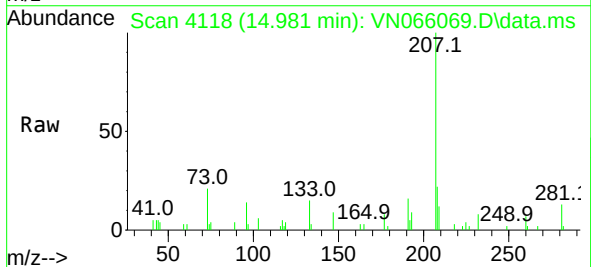
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

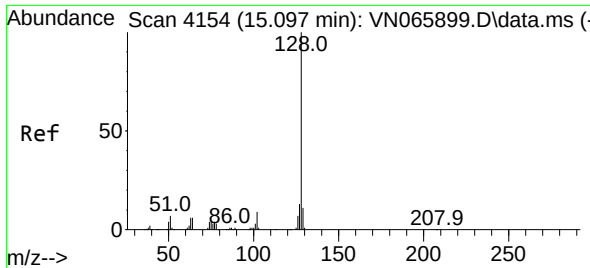
Tgt Ion:180 Resp: 439
Ion Ratio Lower Upper
180 100
182 74.0 47.3 142.0
145 44.6 15.6 46.8



#94
Hexachlorobutadiene
Concen: 0.42 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.003 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion:225 Resp: 205
Ion Ratio Lower Upper
225 100
223 77.6 31.9 95.9
227 14.6 31.6 95.0#

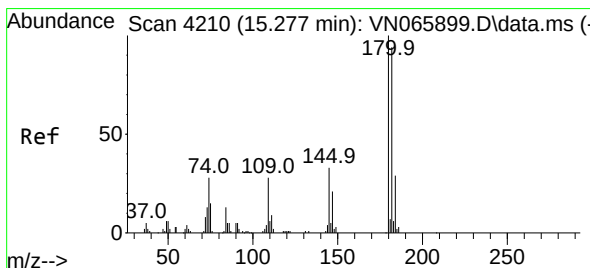
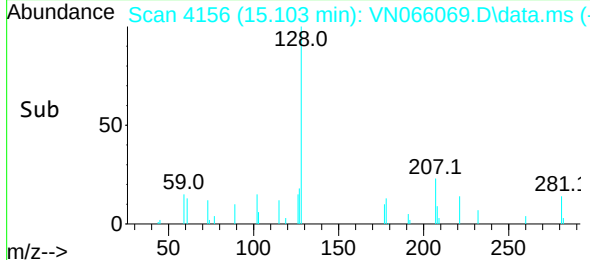
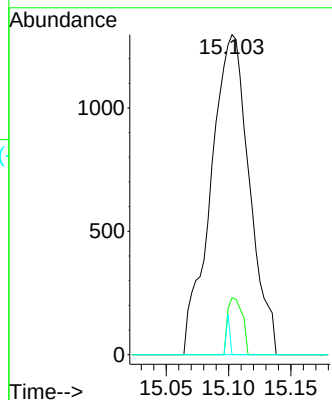
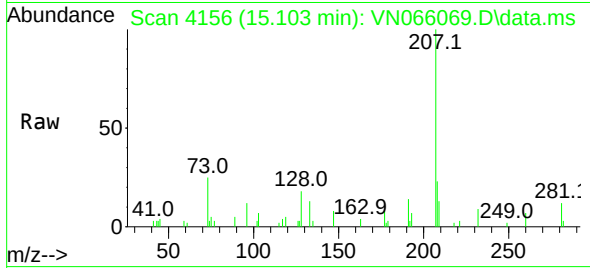




#95
Naphthalene
Concen: 3.76 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.006 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

Tgt Ion:128 Resp: 2792
Ion Ratio Lower Upper
128 100
127 6.8 10.2 15.2#
129 1.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.49 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.006 min
Lab File: VN066069.D
Acq: 1 Mar 2021 11:27

Tgt Ion:180 Resp: 379
Ion Ratio Lower Upper
180 100
182 126.6 47.4 142.3
145 26.4 16.5 49.5

