

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066018.D
 Acq On : 25 Feb 2021 10:47
 Operator : JC/MD
 Sample : VN0225MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:16:24 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)

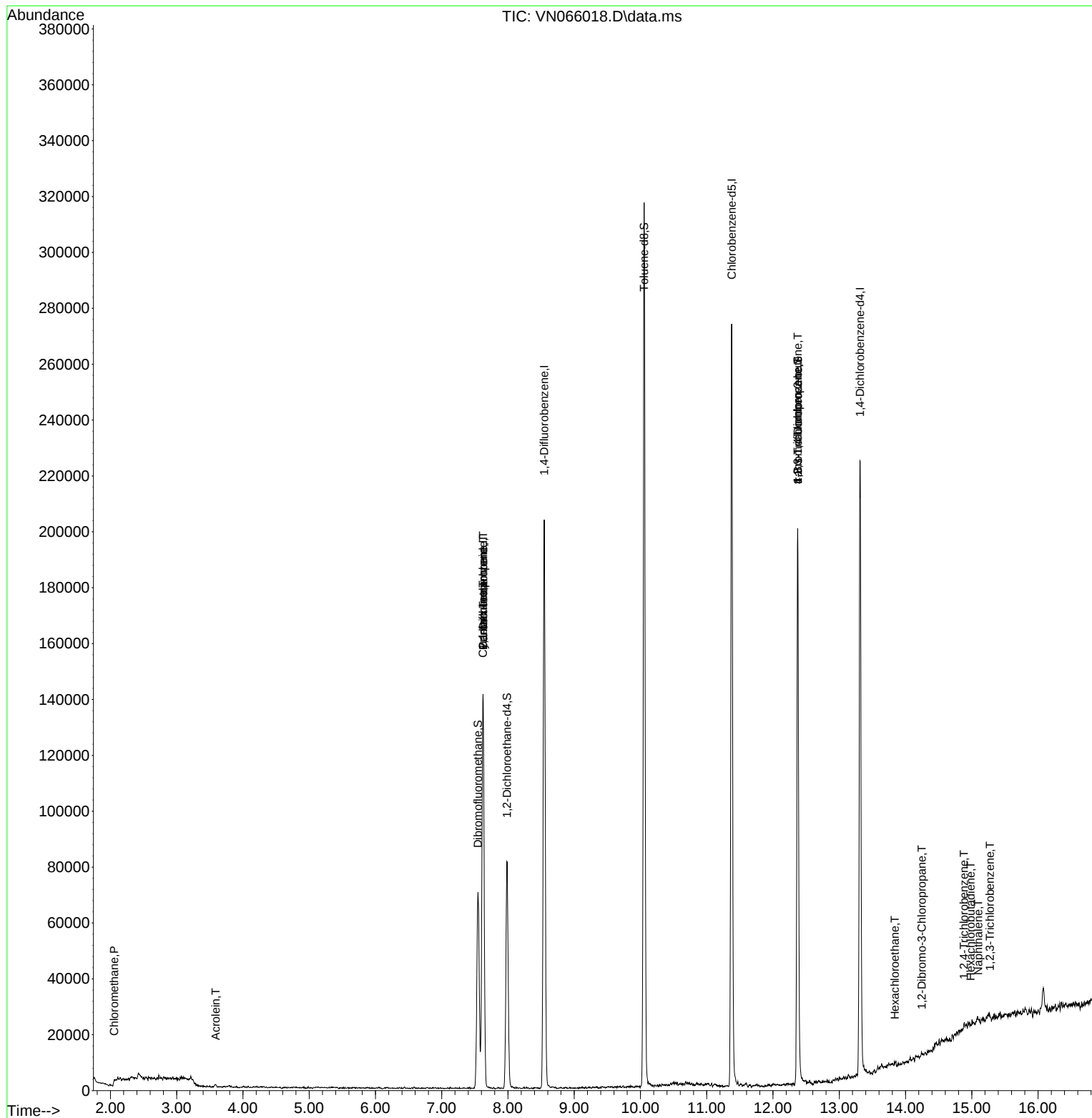
Internal Standards						
1) Pentafluorobenzene	7.624	168	114101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	186906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	165209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	64891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	75811	47.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.02%
35) Dibromofluoromethane	7.547	113	55716	48.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.34%
50) Toluene-d8	10.055	98	223990	47.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.34%
62) 4-Bromofluorobenzene	12.373	95	78811	44.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.42%
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	862	0.46	ug/l	94
13) Acrolein	3.589	56	1130	5.57	ug/l	100
16) Acetone	3.775	43	393	Below Cal	#	41
31) Cyclohexane	7.621	56	2164	0.91	ug/l #	12
36) 1,1-Dichloropropene	7.624	75	8942	4.85	ug/l #	46
38) Carbon Tetrachloride	7.624	117	11345	6.62	ug/l #	16
76) 1,2,3-Trichloropropane	12.373	75	40796	26.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	40796	83.40	ug/l #	12
90) Hexachloroethane	13.839	117	423	0.57	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.248	75	569	2.66	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.881	180	204	2.63	ug/l #	59
94) Hexachlorobutadiene	14.984	225	171	0.34	ug/l #	18
95) Naphthalene	15.096	128	2109	3.58	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.273	180	289	2.41	ug/l	76

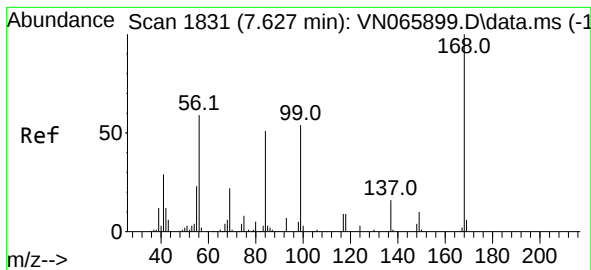
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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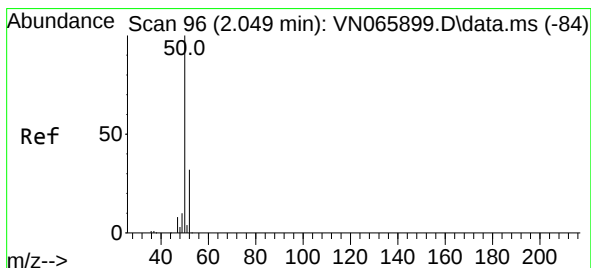
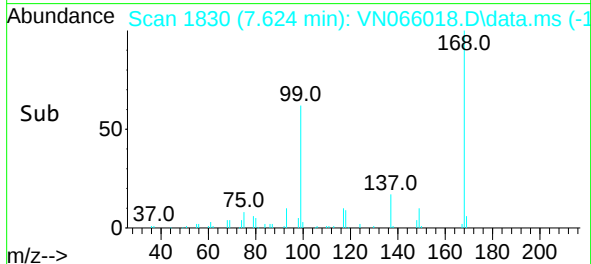
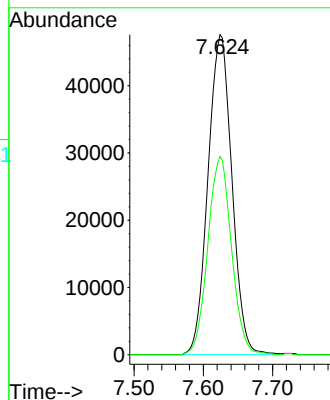
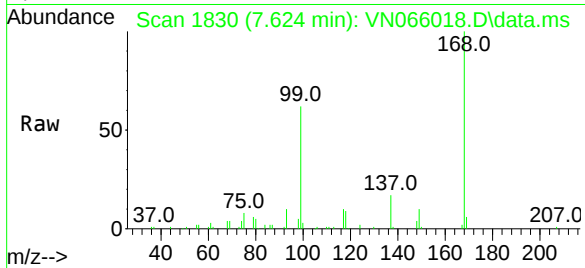




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

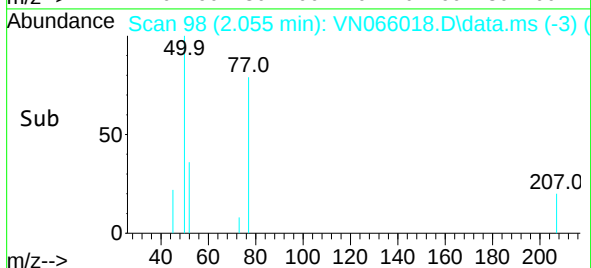
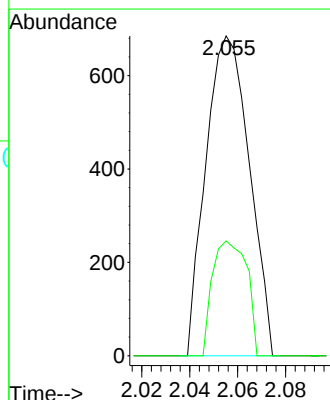
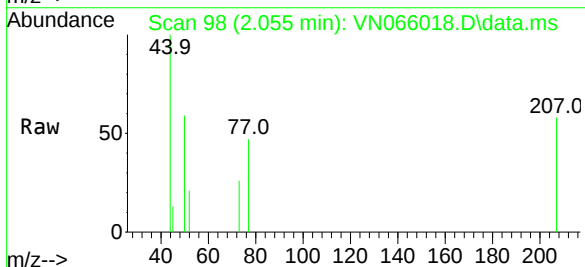
Instrument :
MSVOA_N
ClientSampleId :

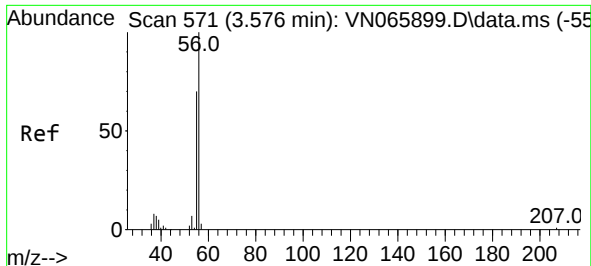
Tgt Ion:168 Resp: 114101
Ion Ratio Lower Upper
168 100
99 61.9 42.6 63.8



#3
Chloromethane
Concen: 0.46 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

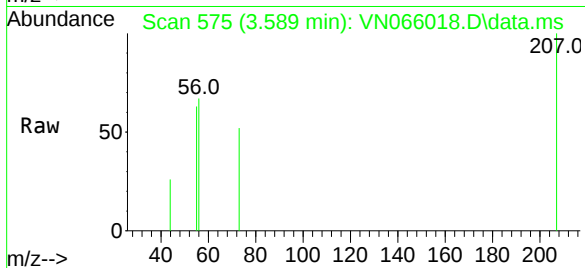
Tgt Ion: 50 Resp: 862
Ion Ratio Lower Upper
50 100
52 35.9 25.8 38.8



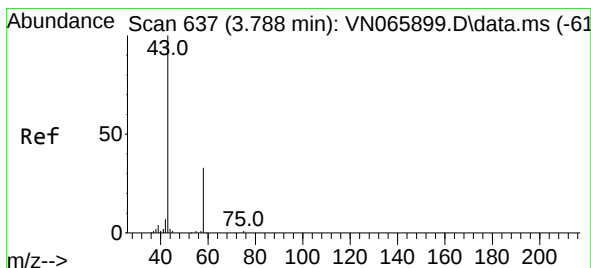
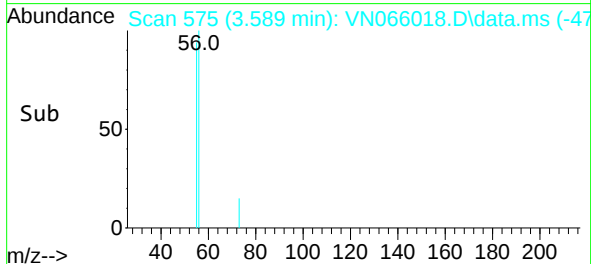
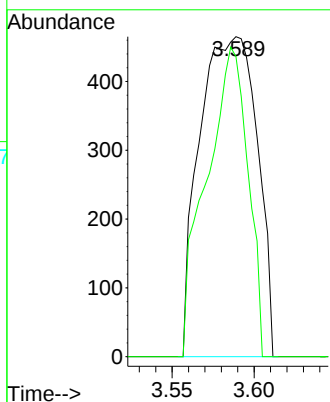


#13
Acrolein
Concen: 5.57 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Instrument :
MSVOA_N
ClientSampled :

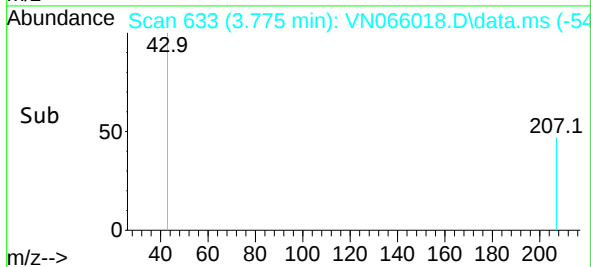
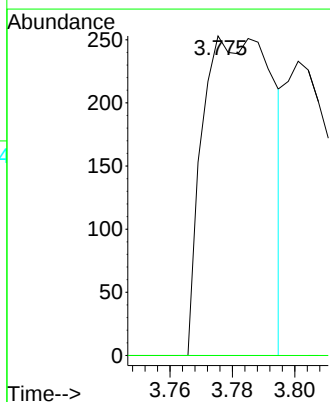
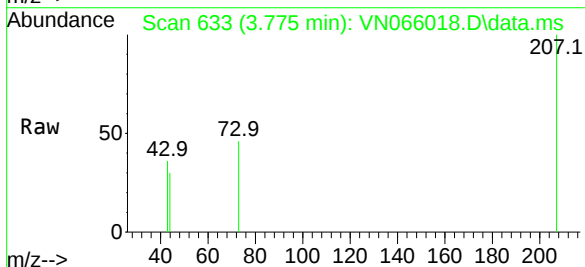


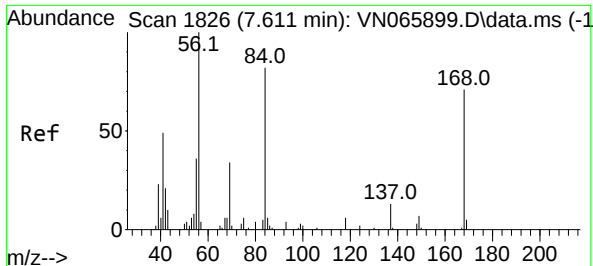
Tgt Ion: 56 Resp: 1130
Ion Ratio Lower Upper
56 100
55 70.1 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.775 min Scan# 633
Delta R.T. -0.013 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#31

Cyclohexane

Concen: 0.91 ug/l

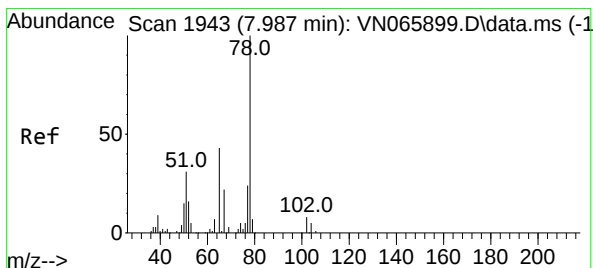
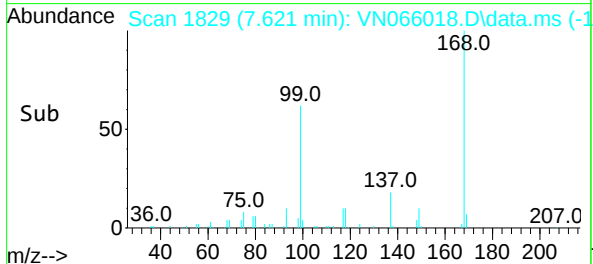
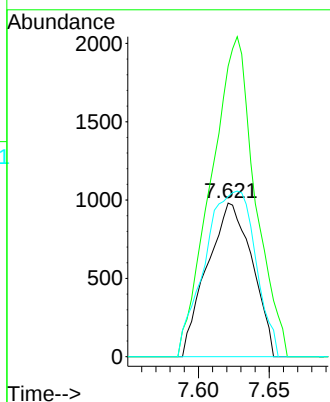
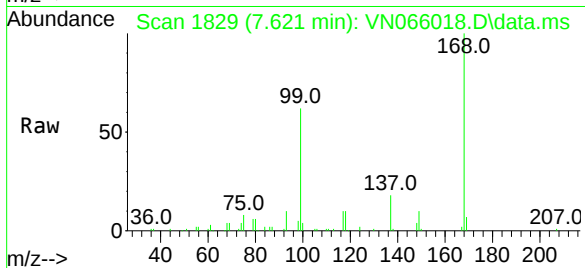
RT: 7.621 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VN066018.D

Acq: 25 Feb 2021 10:47

Tgt Ion:	56	Resp:	2164
Ion	Ratio	Lower	Upper
56	100		
69	189.0	26.6	39.8#
84	104.3	70.4	105.6



#33

1,2-Dichloroethane-d4

Concen: 47.51 ug/l

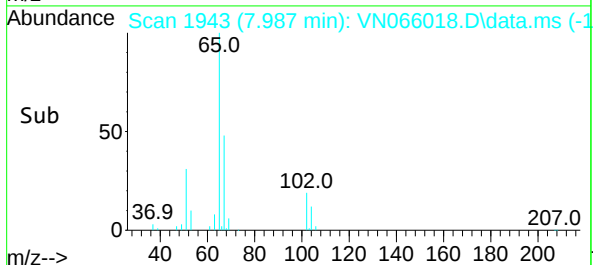
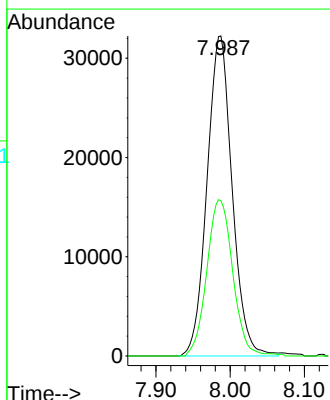
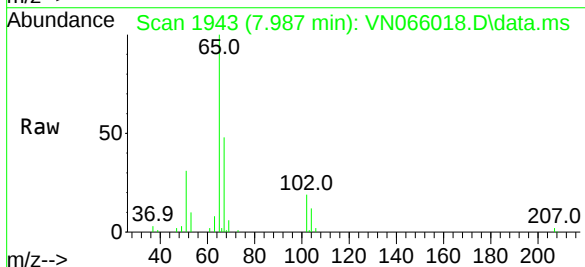
RT: 7.987 min Scan# 1943

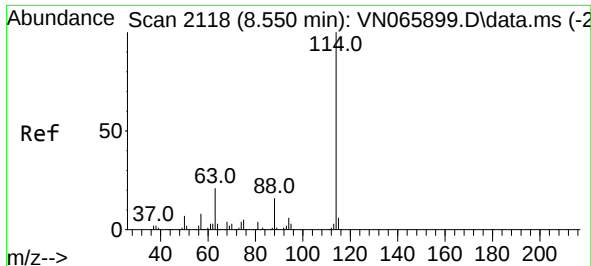
Delta R.T. 0.000 min

Lab File: VN066018.D

Acq: 25 Feb 2021 10:47

Tgt Ion:	65	Resp:	75811
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	107.2

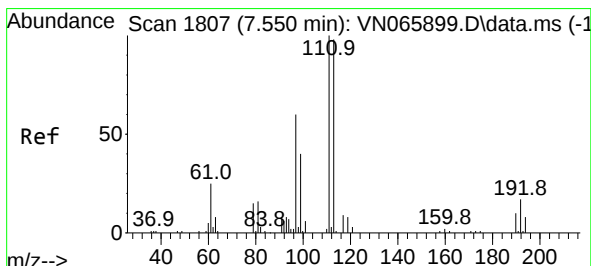
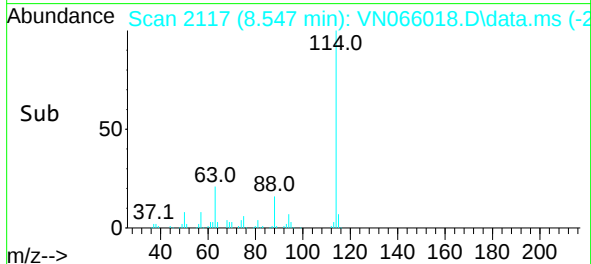
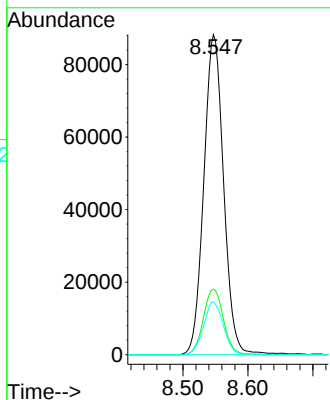
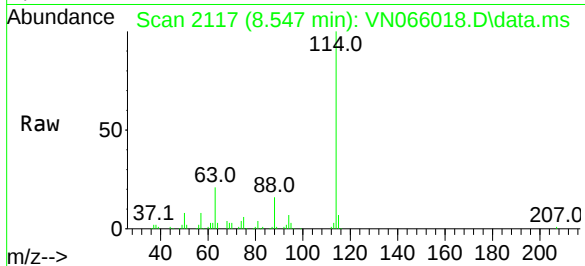




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

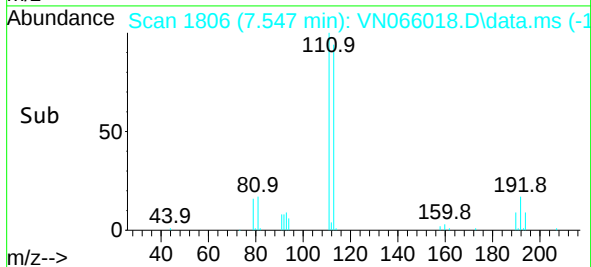
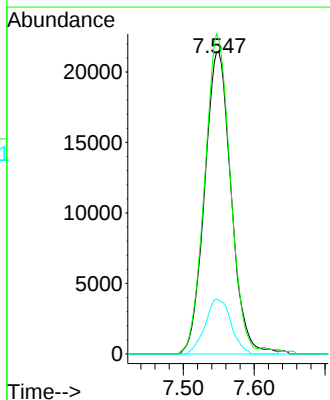
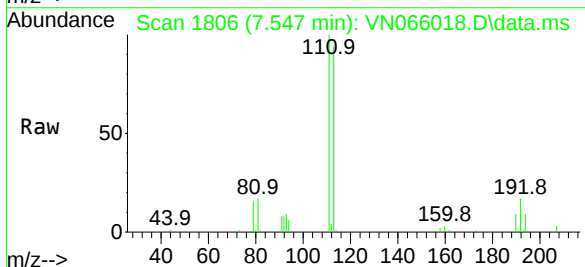
Instrument :
MSVOA_N
ClientSampleId :

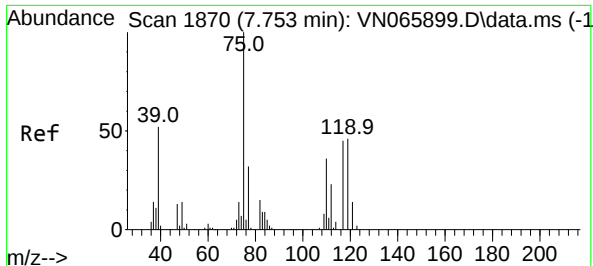
Tgt Ion:114 Resp: 186906
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.17 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion:113 Resp: 55716
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.6 15.4 23.0

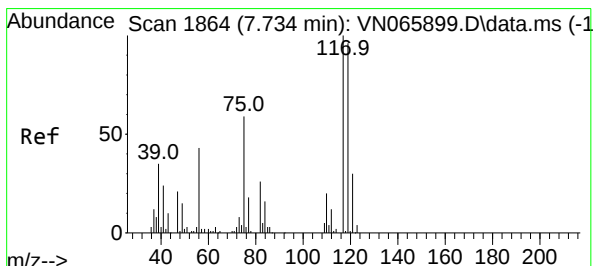
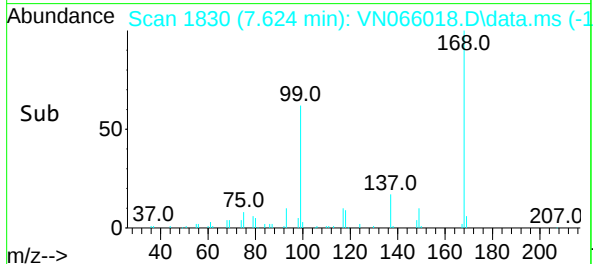
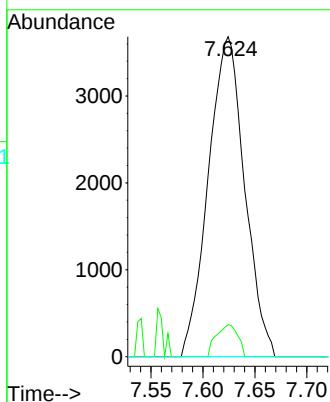
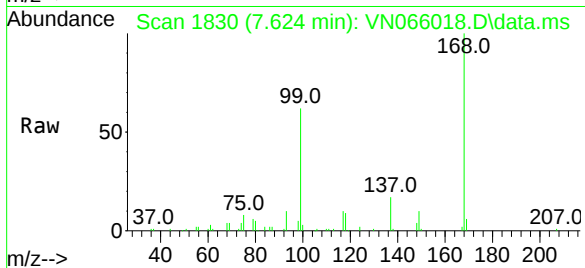




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

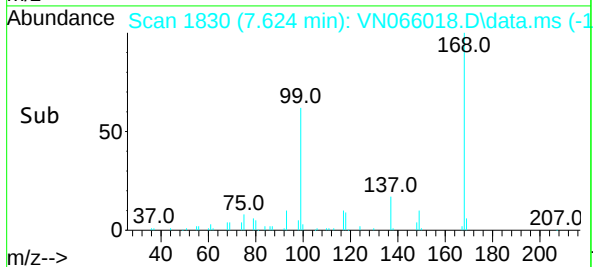
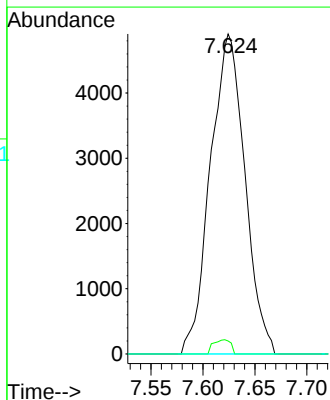
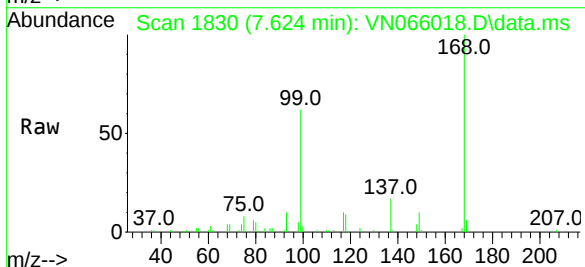
Instrument :
MSVOA_N
ClientSampleId :

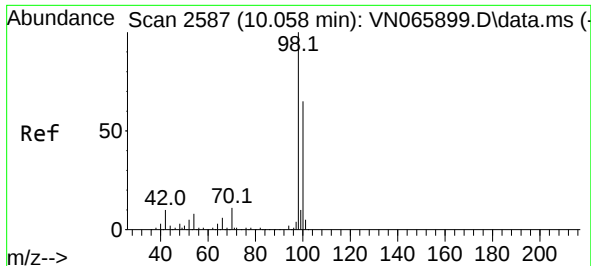
Tgt Ion: 75 Resp: 8942
Ion Ratio Lower Upper
75 100
110 5.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion: 117 Resp: 11345
Ion Ratio Lower Upper
117 100
119 4.1 76.0 114.0#
121 0.0 24.5 36.7#

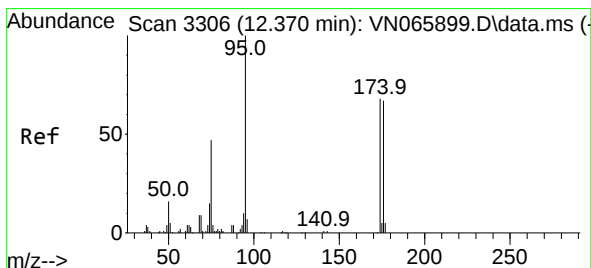
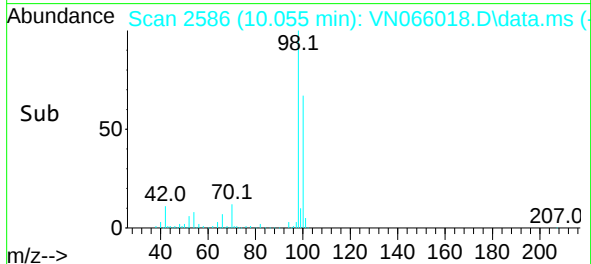
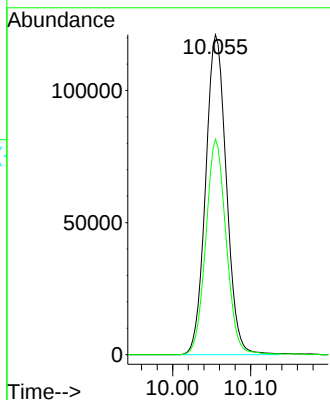
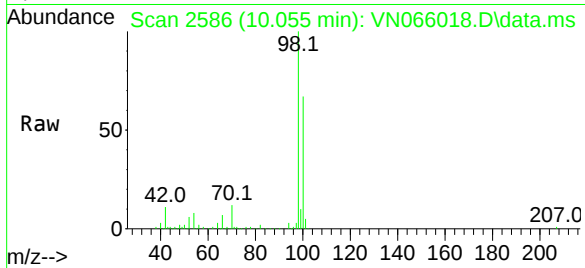




#50
Toluene-d8
Concen: 47.17 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

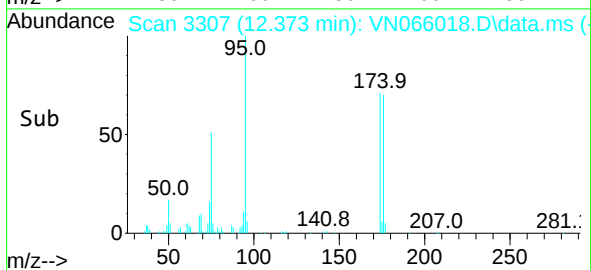
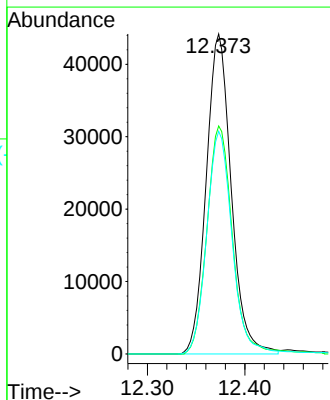
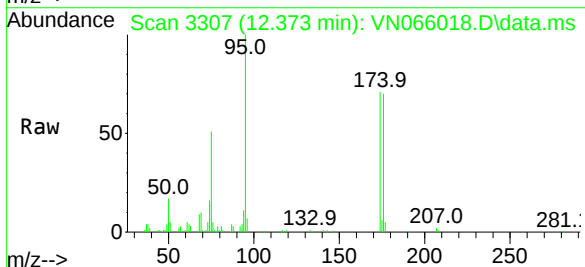
Instrument :
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ClientSampleId :

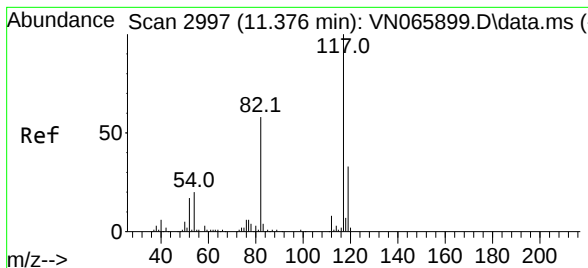
Tgt Ion: 98 Resp: 223990
Ion Ratio Lower Upper
98 100
100 66.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.21 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion: 95 Resp: 78811
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 70.8 0.0 162.4

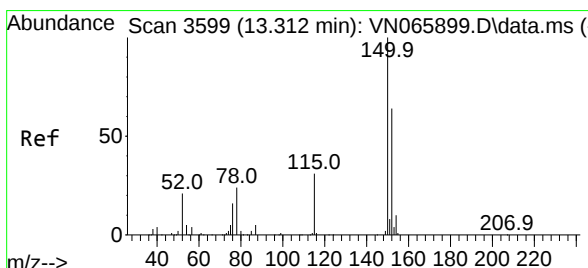
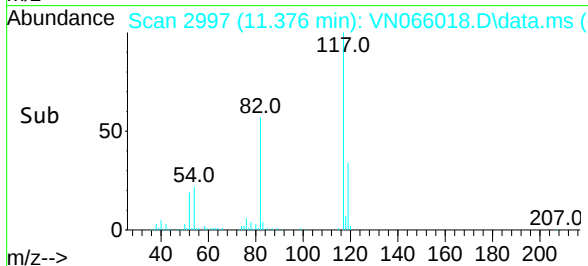
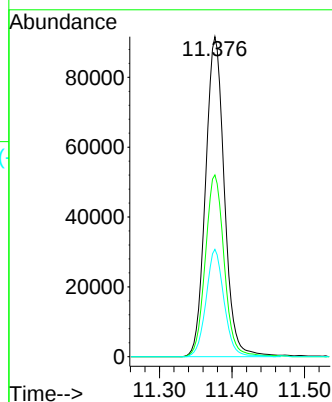
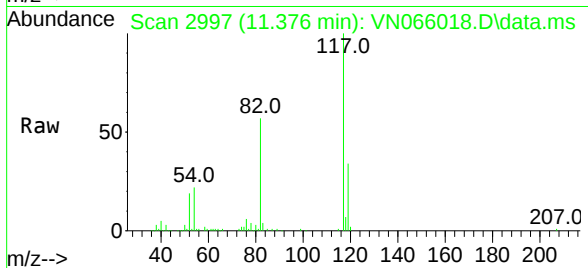




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

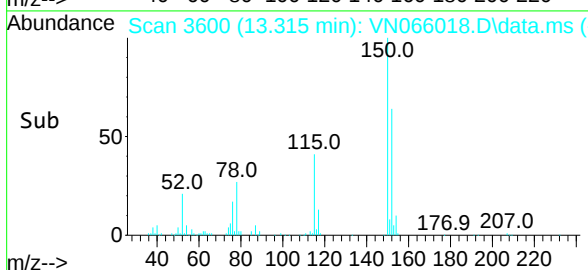
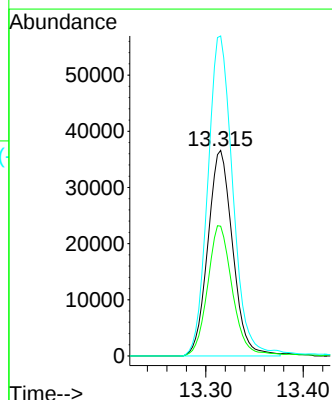
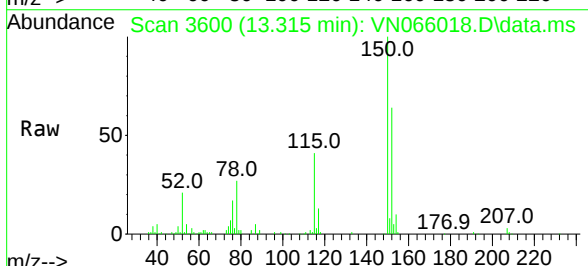
Instrument :
MSVOA_N
ClientSampleId :

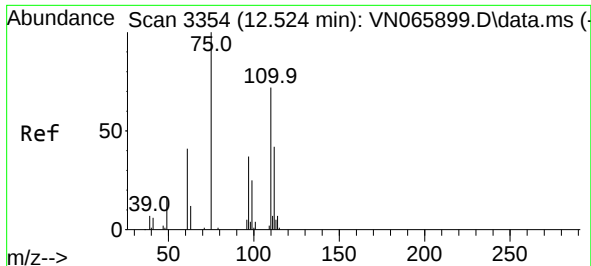
Tgt Ion:117 Resp: 165209
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 33.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion:152 Resp: 64891
Ion Ratio Lower Upper
152 100
115 63.3 28.5 85.6
150 158.1 0.0 347.6

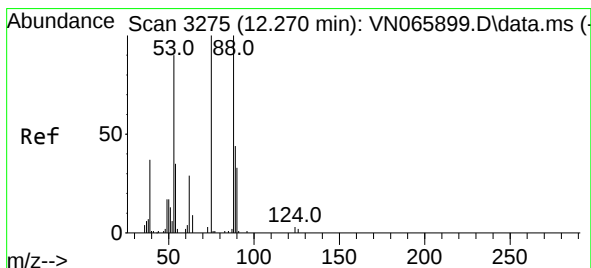
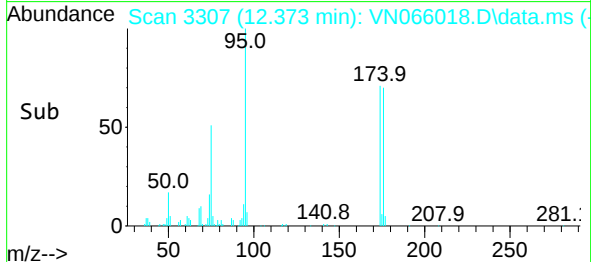
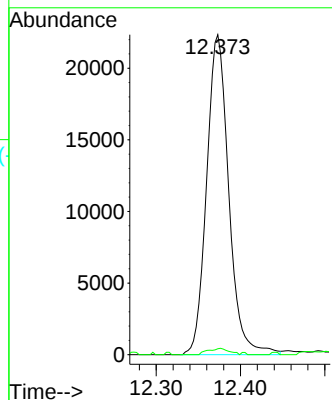
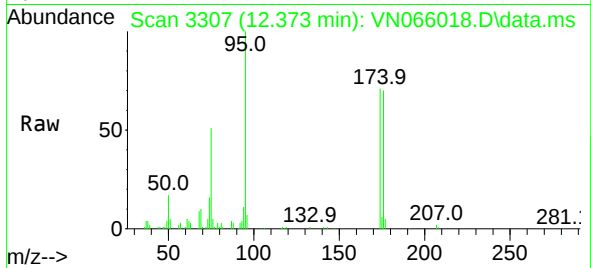




#76
1,2,3-Trichloropropane
Concen: 26.17 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

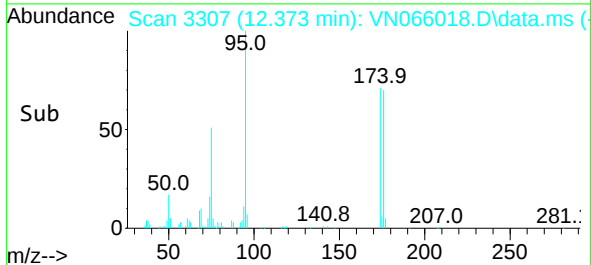
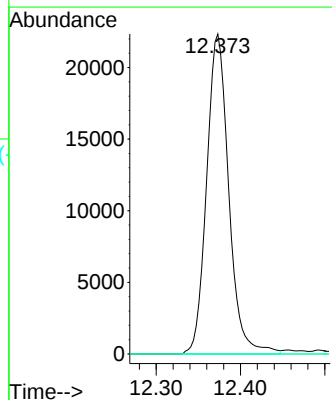
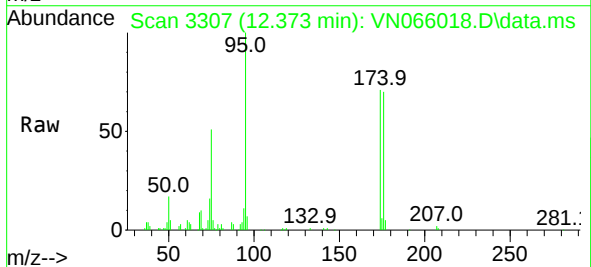
Instrument :
MSVOA_N
ClientSampleId :

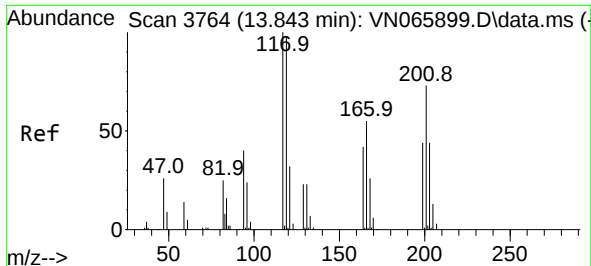
Tgt Ion: 75 Resp: 40796
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.40 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion: 75 Resp: 40796
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

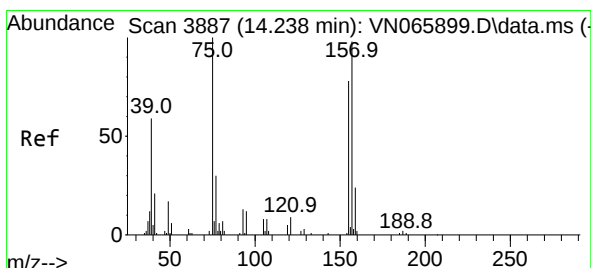
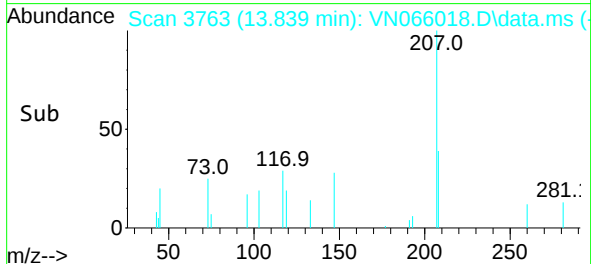
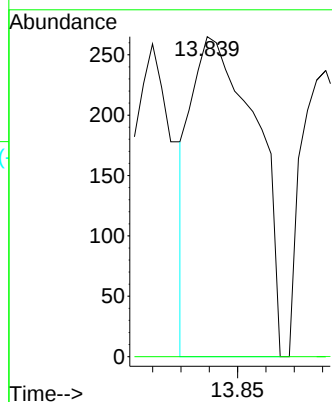
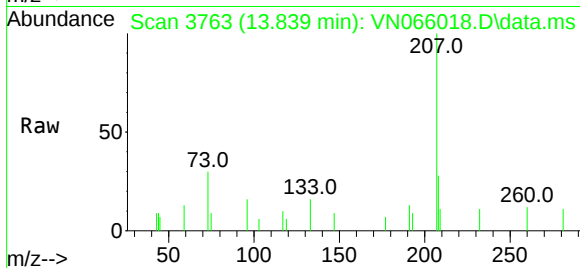




#90
Hexachloroethane
Concen: 0.57 ug/l
RT: 13.839 min Scan# 3763
Delta R.T. -0.004 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

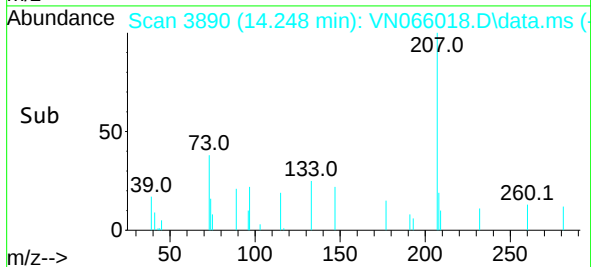
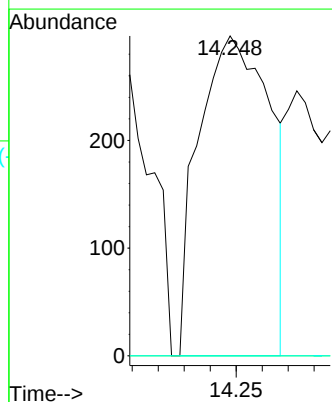
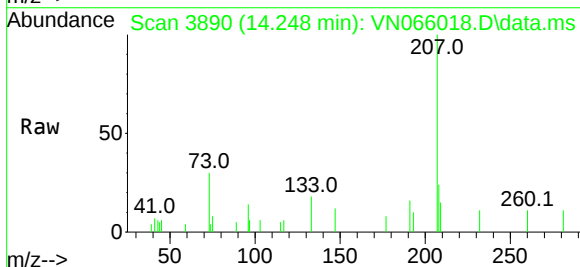
Instrument :
MSVOA_N
ClientSampled :

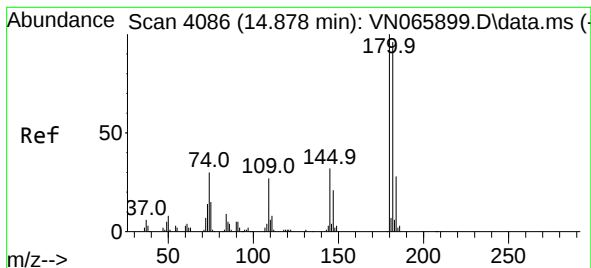
Tgt Ion:117 Resp: 423
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.66 ug/l
RT: 14.248 min Scan# 3890
Delta R.T. 0.010 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion: 75 Resp: 569
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: 2.63 ug/l

RT: 14.881 min Scan# 4087

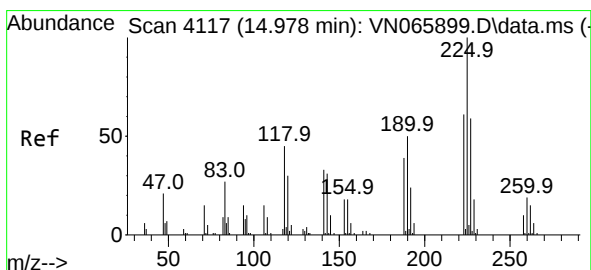
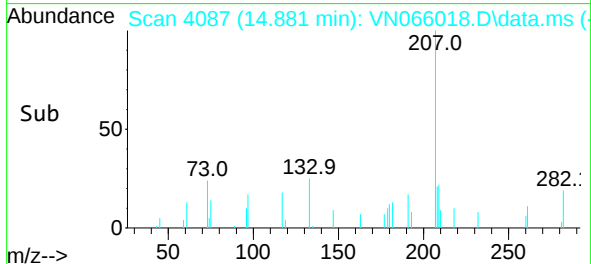
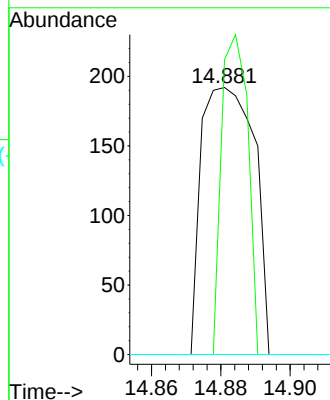
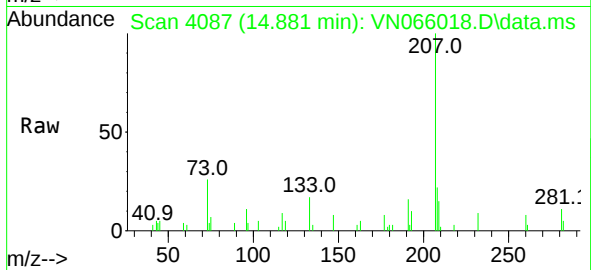
Delta R.T. 0.003 min

Lab File: VN066018.D

Acq: 25 Feb 2021 10:47

Tgt Ion:	180	Resp:	204
Ion Ratio	Lower	Upper	
180	100		
182	59.3	47.3	142.0
145	0.0	15.6	46.8#

Instrument :
MSVOA_N
ClientSampleId :



#94

Hexachlorobutadiene

Concen: 0.34 ug/l

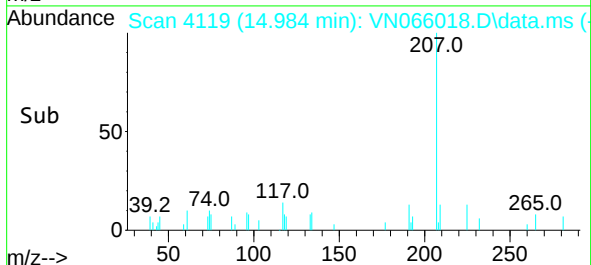
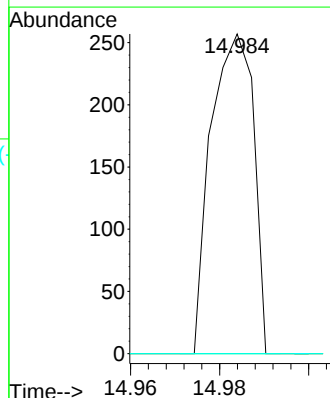
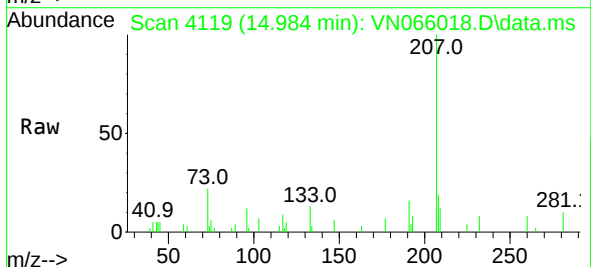
RT: 14.984 min Scan# 4119

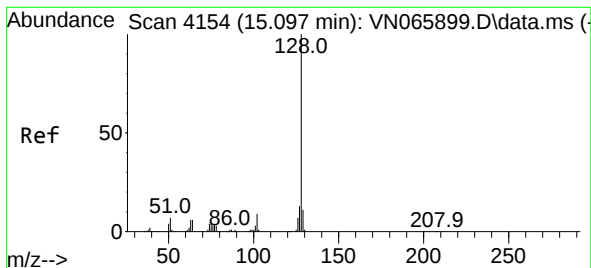
Delta R.T. 0.006 min

Lab File: VN066018.D

Acq: 25 Feb 2021 10:47

Tgt Ion:	225	Resp:	171
Ion Ratio	Lower	Upper	
225	100		
223	0.0	31.9	95.9#
227	0.0	31.6	95.0#

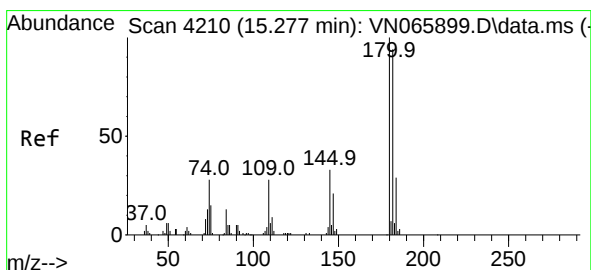
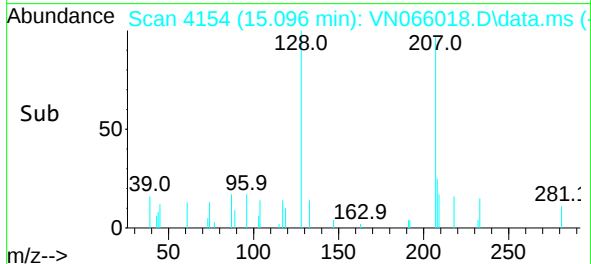
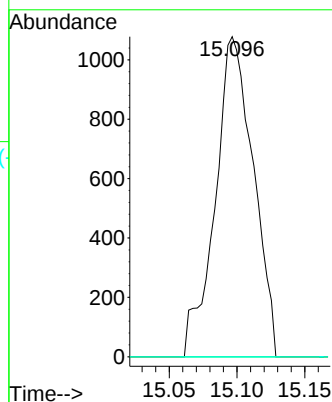
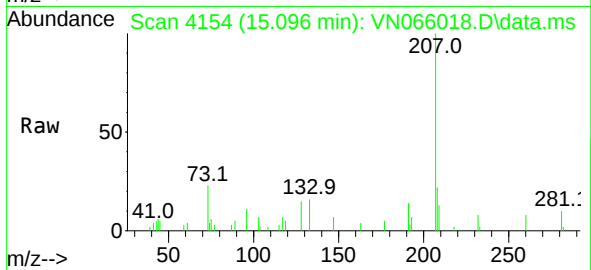




#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.001 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2109
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.41 ug/l
RT: 15.273 min Scan# 4209
Delta R.T. -0.004 min
Lab File: VN066018.D
Acq: 25 Feb 2021 10:47

Tgt Ion:180 Resp: 289
Ion Ratio Lower Upper
180 100
182 69.2 47.4 142.3
145 23.5 16.5 49.5

