

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066074.D
 Acq On : 1 Mar 2021 14:00
 Operator : JC/MD
 Sample : M1519-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-022621

Quant Time: Mar 01 21:41:48 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)

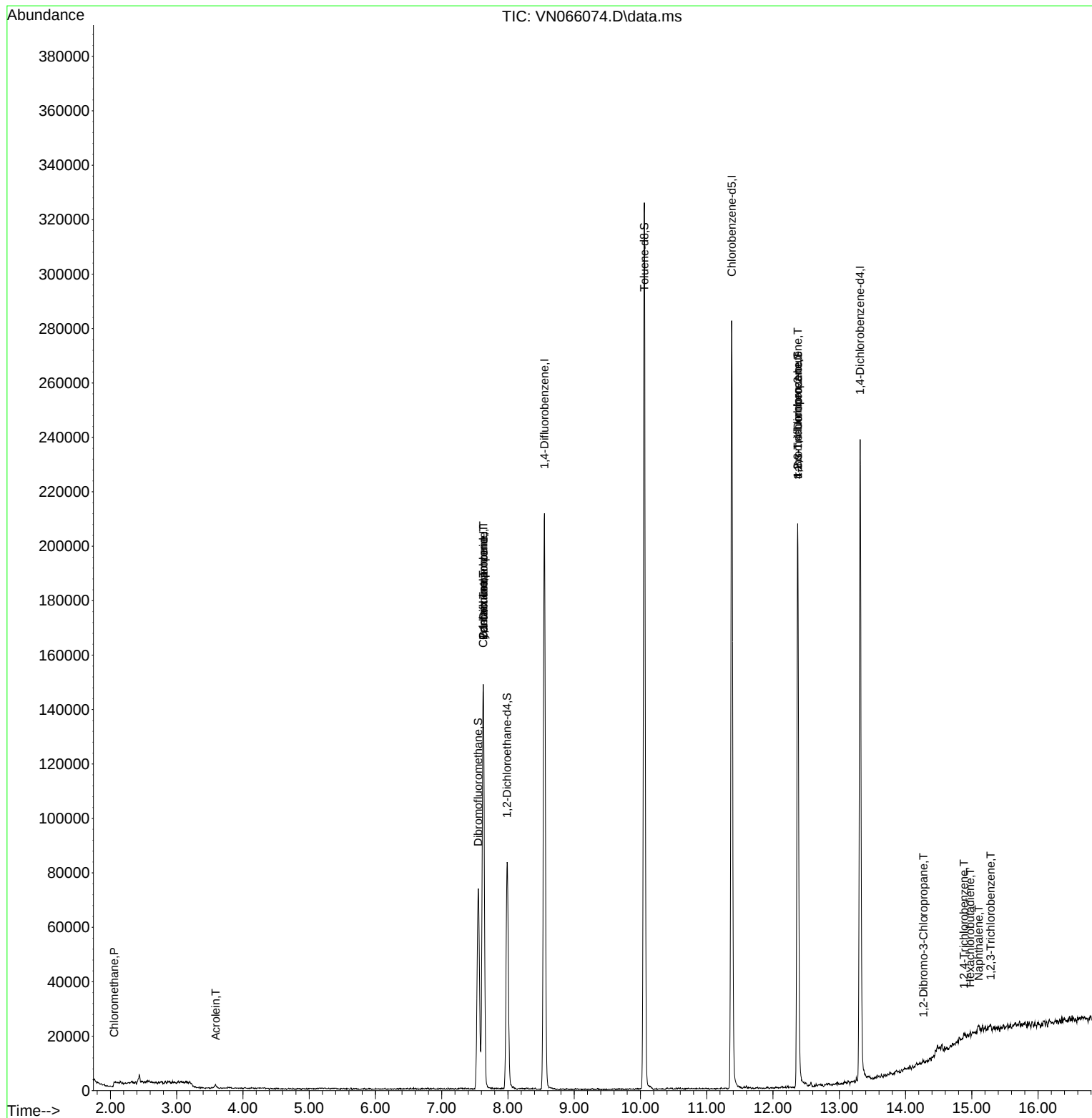
Internal Standards						
1) Pentafluorobenzene	7.627	168	120319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	193124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	174598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	70364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	79009	46.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.92%		
35) Dibromofluoromethane	7.550	113	58420	48.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.76%		
50) Toluene-d8	10.058	98	233843	47.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.32%		
62) 4-Bromofluorobenzene	12.373	95	83793	45.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.98%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	870	0.44	ug/l	92
13) Acrolein	3.589	56	1340	6.26	ug/l	87
16) Acetone	3.795	43	471	Below Cal	#	41
31) Cyclohexane	7.624	56	2120	0.85	ug/l #	17
36) 1,1-Dichloropropene	7.627	75	9084	4.77	ug/l #	48
38) Carbon Tetrachloride	7.627	117	12240	6.92	ug/l #	16
76) 1,2,3-Trichloropropane	12.373	75	42993	25.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	42993	81.06	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.270	75	183	1.39	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.881	180	380	2.75	ug/l #	76
94) Hexachlorobutadiene	14.977	225	134	0.25	ug/l	82
95) Naphthalene	15.106	128	2193	3.56	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.286	180	521	2.57	ug/l #	62

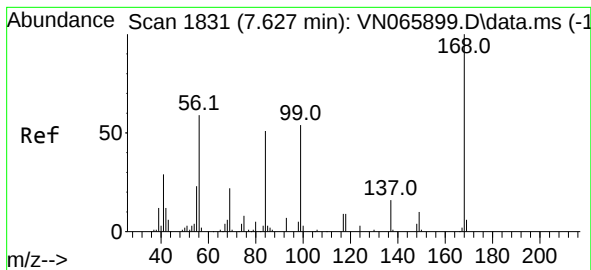
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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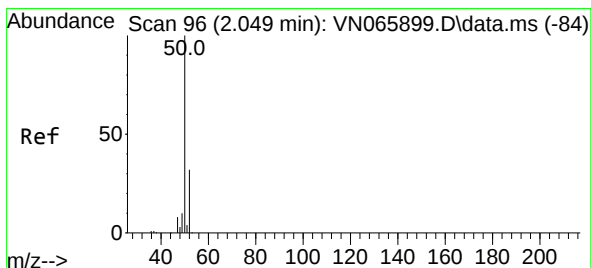
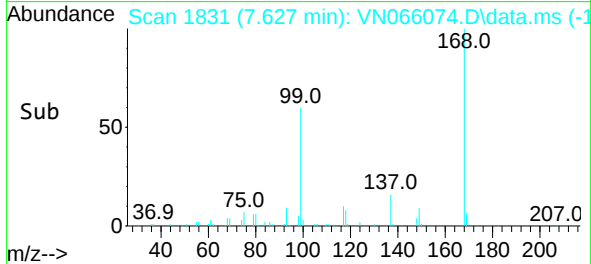
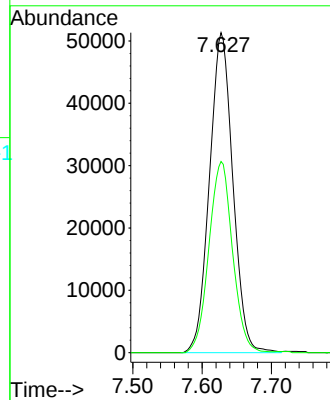
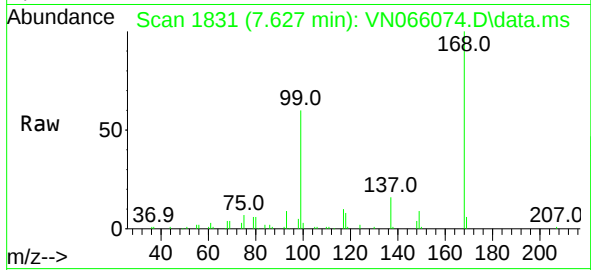




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

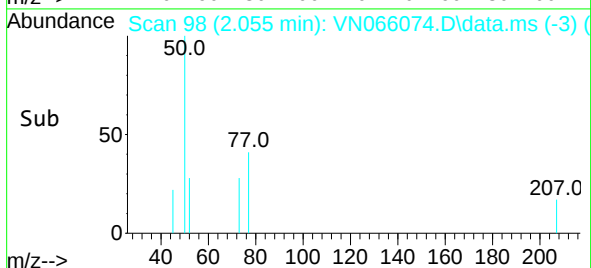
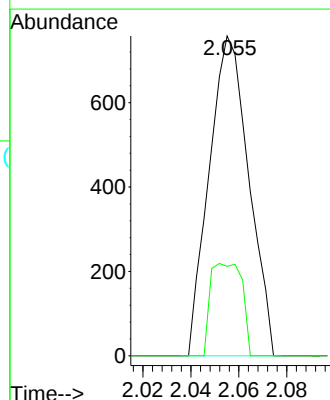
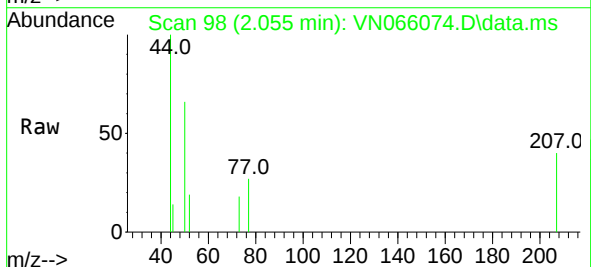
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621

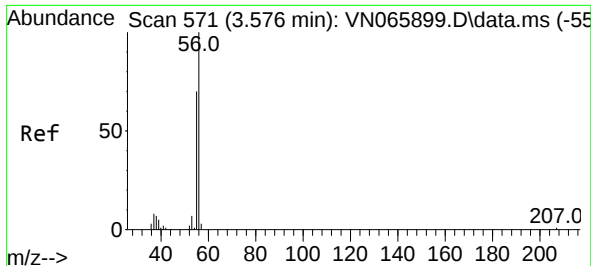
Tgt Ion:168 Resp: 120319
Ion Ratio Lower Upper
168 100
99 59.8 42.6 63.8



#3
Chloromethane
Concen: 0.44 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 28.0 25.8 38.8

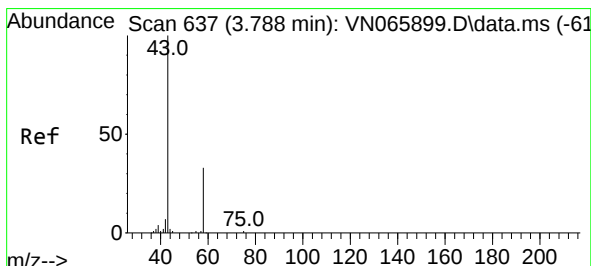
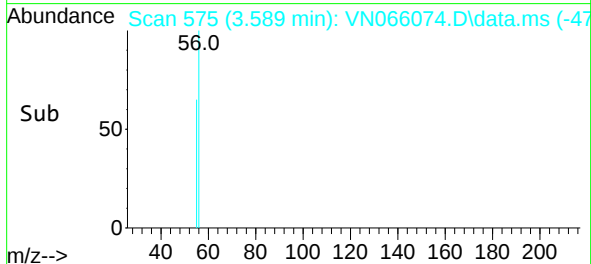
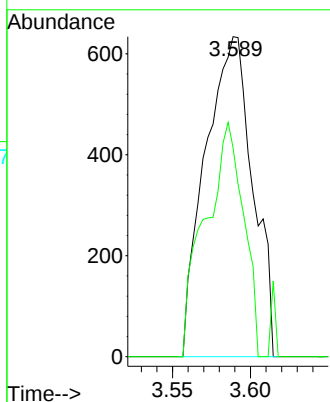
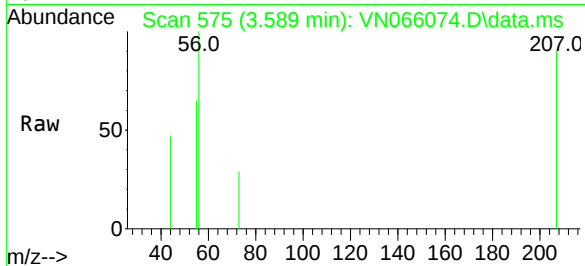




#13
Acrolein
Concen: 6.26 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

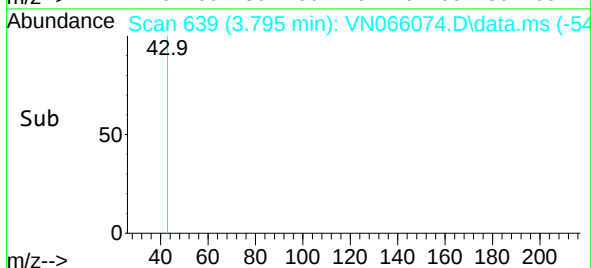
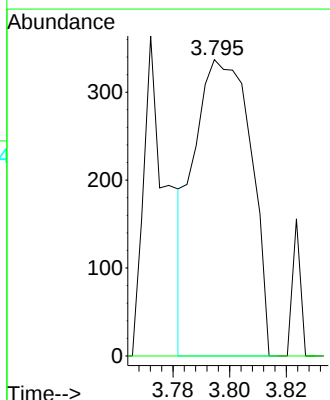
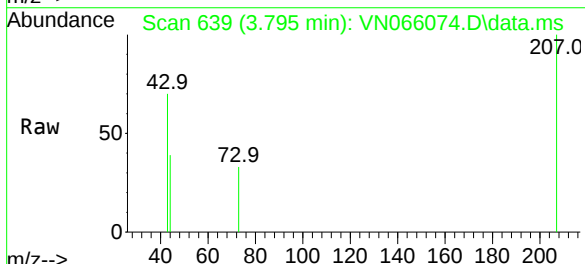
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621

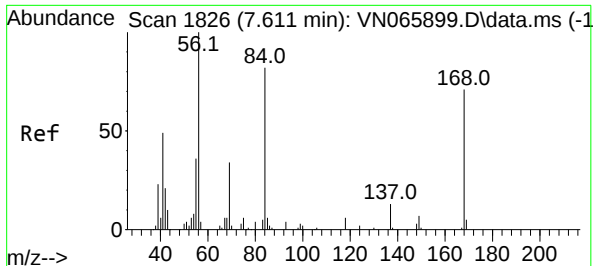
Tgt Ion: 56 Resp: 1340
Ion Ratio Lower Upper
56 100
55 59.3 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#31

Cyclohexane

Concen: 0.85 ug/l

RT: 7.624 min Scan# 1830

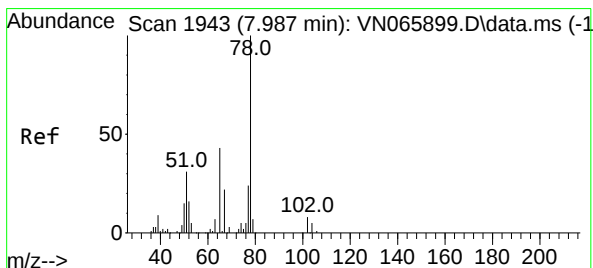
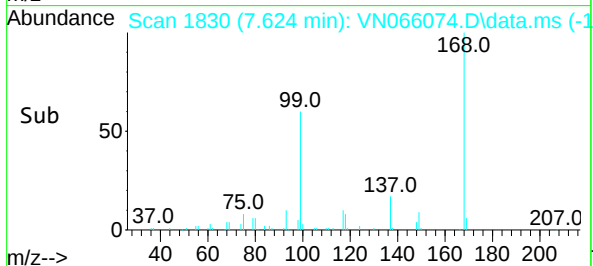
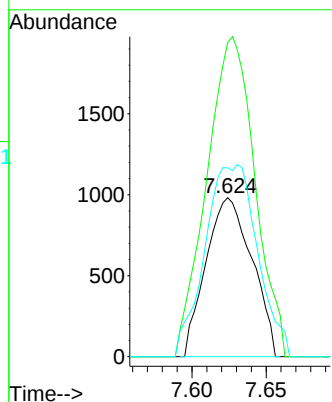
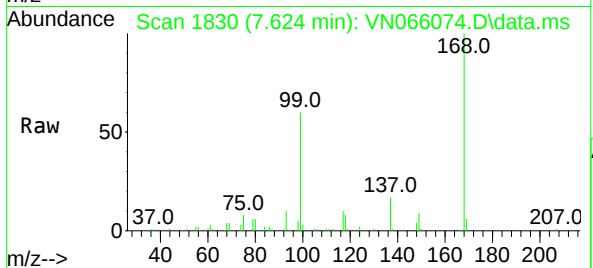
Delta R.T. 0.013 min

Lab File: VN066074.D

Acq: 1 Mar 2021 14:00

Tgt Ion:	56	Resp:	2120
Ion	Ratio	Lower	Upper
56	100		
69	181.1	26.6	39.8#
84	103.3	70.4	105.6

Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621



#33

1,2-Dichloroethane-d4

Concen: 46.96 ug/l

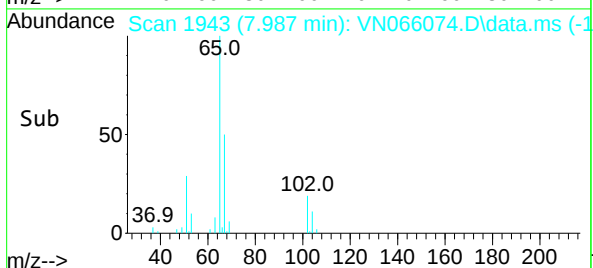
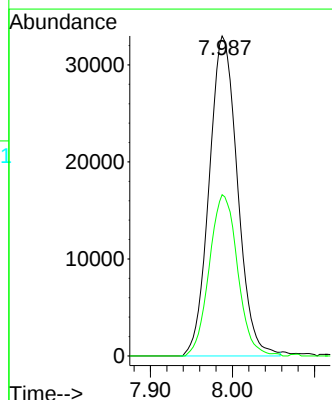
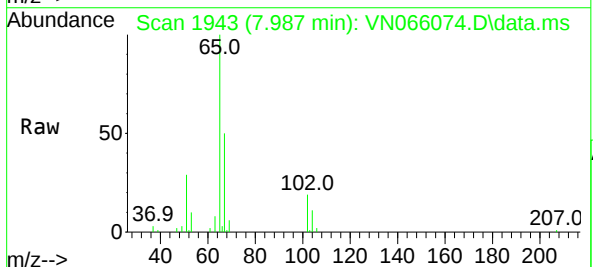
RT: 7.987 min Scan# 1943

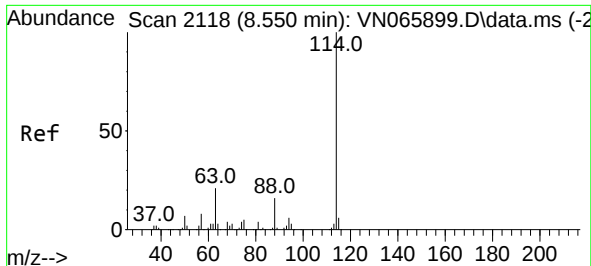
Delta R.T. 0.000 min

Lab File: VN066074.D

Acq: 1 Mar 2021 14:00

Tgt Ion:	65	Resp:	79009
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	107.2

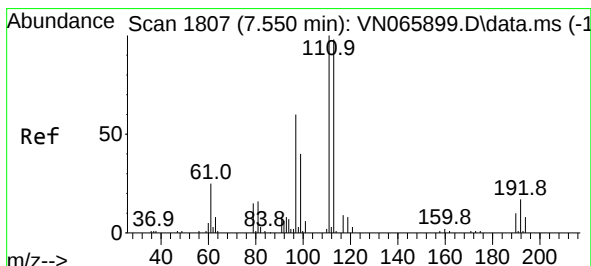
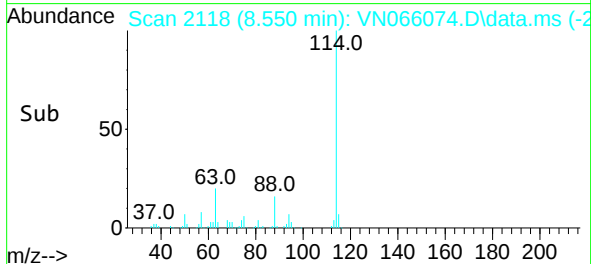
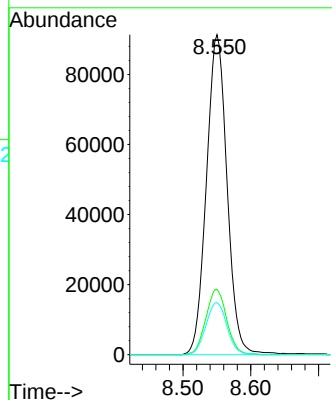
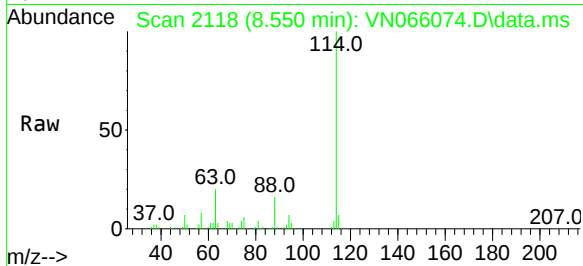




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

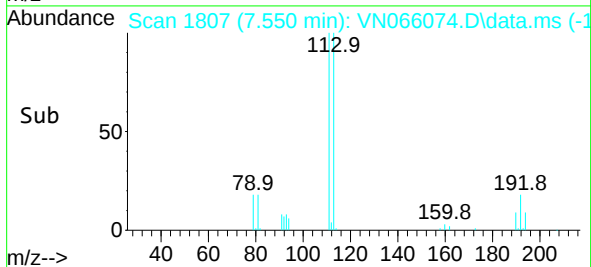
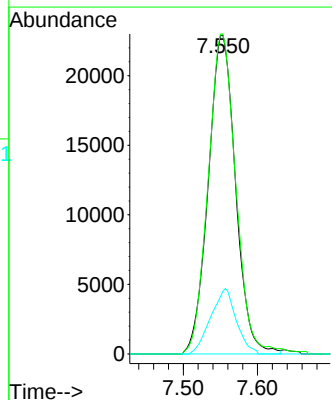
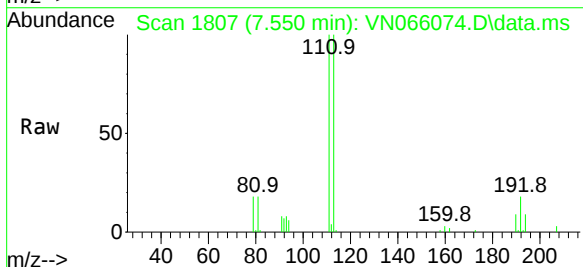
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621

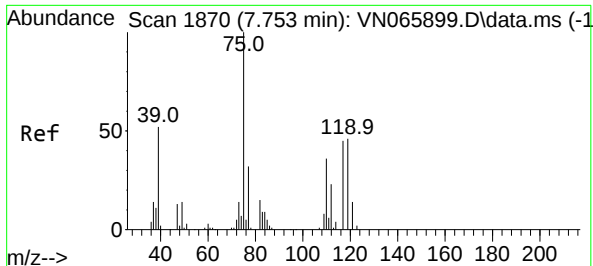
Tgt Ion:114 Resp: 193124
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.88 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

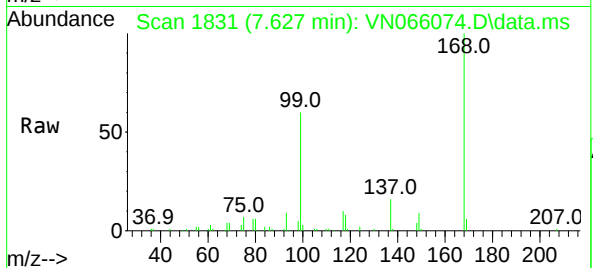
Tgt Ion:113 Resp: 58420
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.1 15.4 23.0



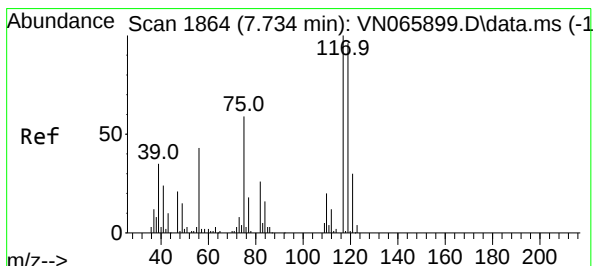
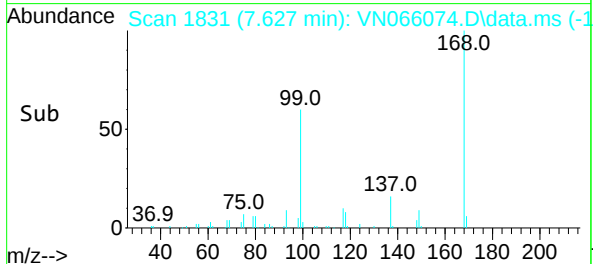
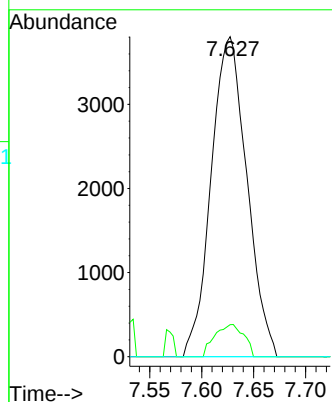


#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621

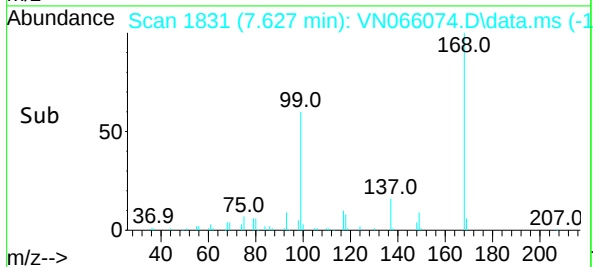
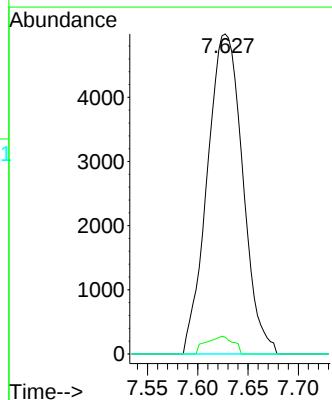
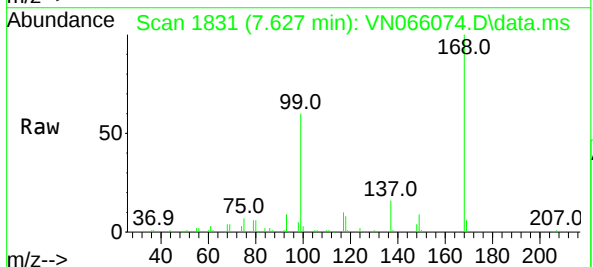


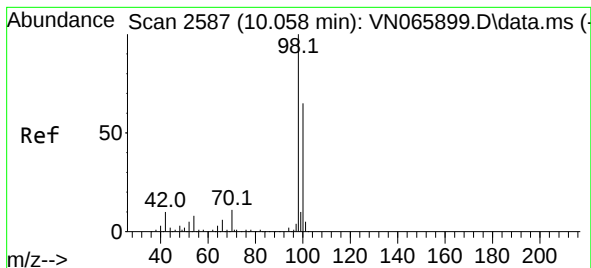
Tgt Ion: 75 Resp: 9084
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.92 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Tgt Ion: 117 Resp: 12240
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

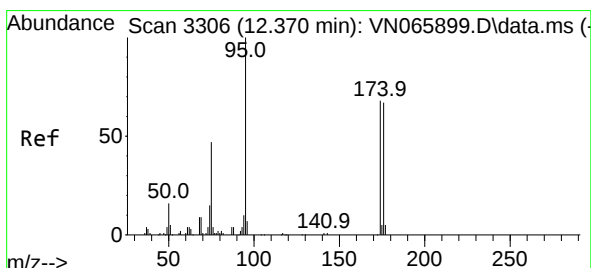
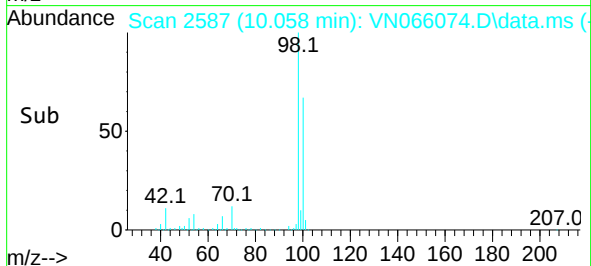
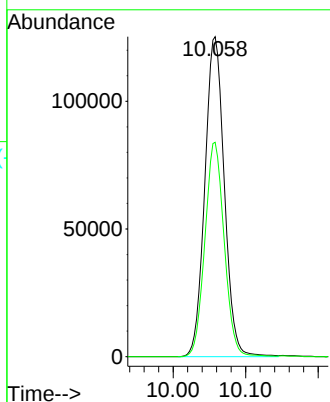
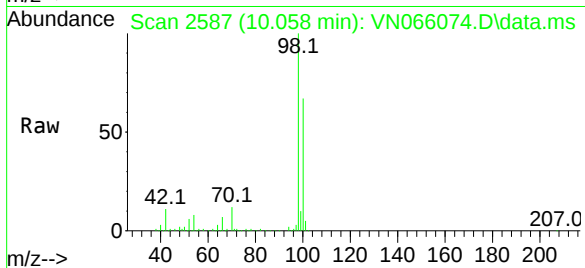




#50
Toluene-d8
Concen: 47.66 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

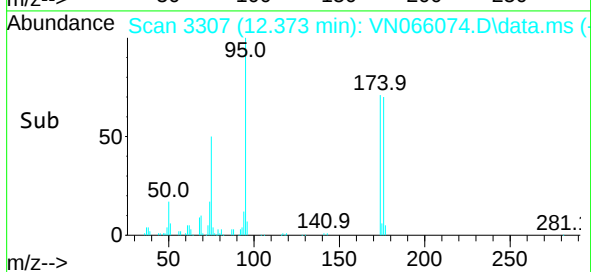
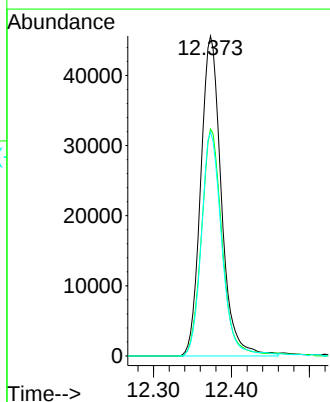
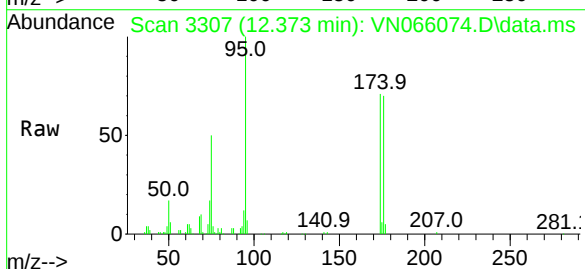
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TB-01-022621

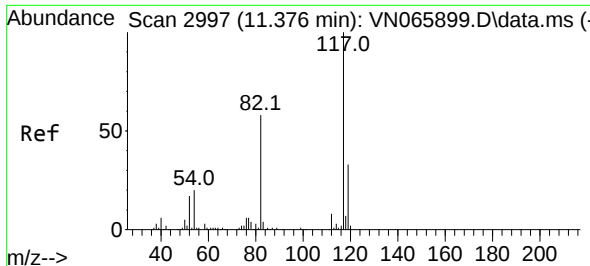
Tgt Ion: 98 Resp: 233843
Ion Ratio Lower Upper
98 100
100 66.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Tgt Ion: 95 Resp: 83793
Ion Ratio Lower Upper
95 100
174 70.6 0.0 169.0
176 68.4 0.0 162.4

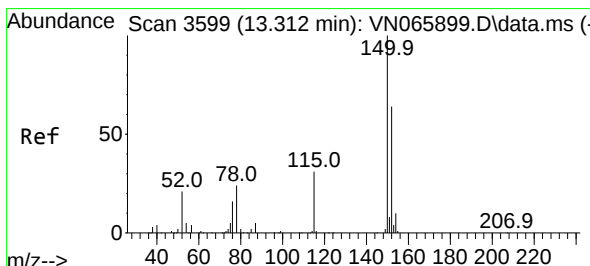
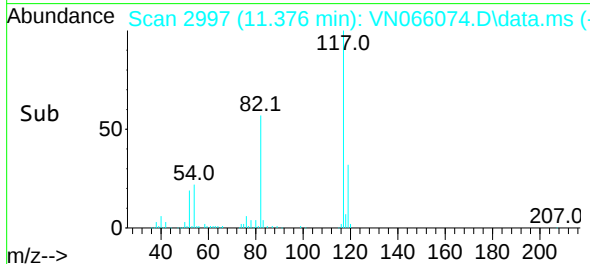
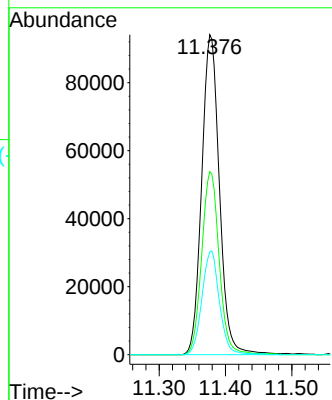
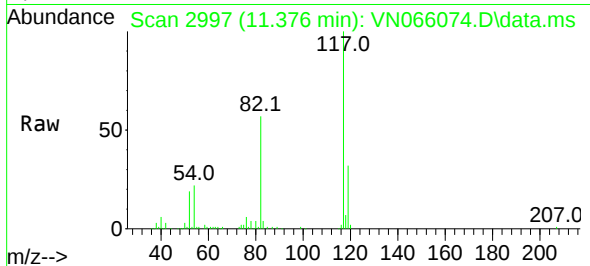




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

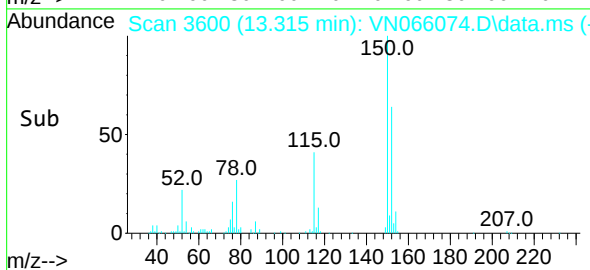
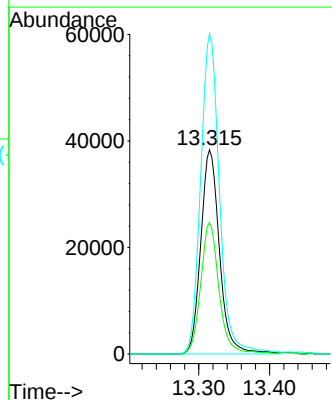
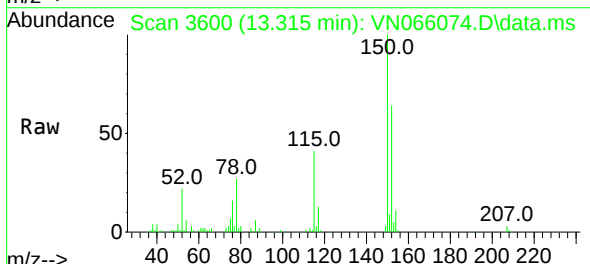
Instrument :
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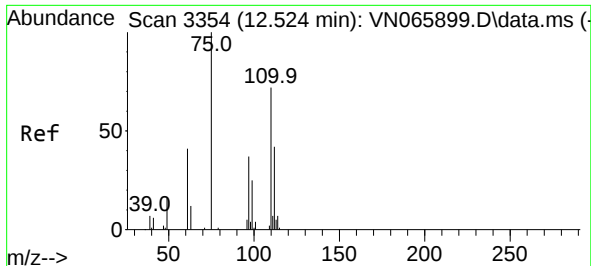
Tgt Ion:117 Resp: 174598
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Tgt Ion:152 Resp: 70364
Ion Ratio Lower Upper
152 100
115 63.0 28.5 85.6
150 157.9 0.0 347.6

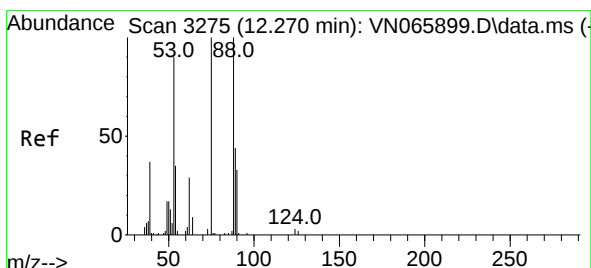
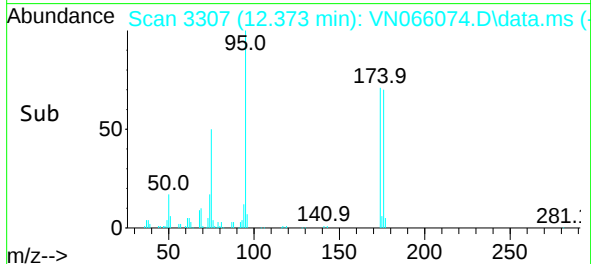
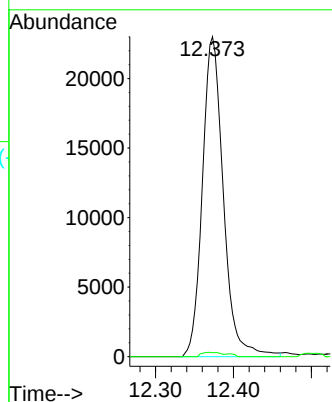
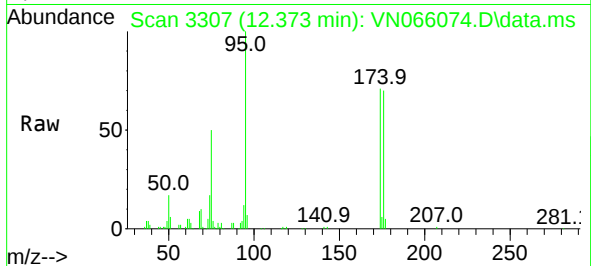




#76
1,2,3-Trichloropropane
Concen: 25.43 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

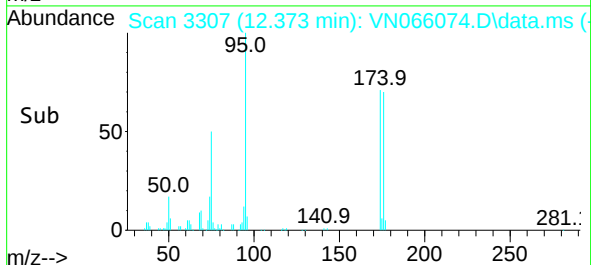
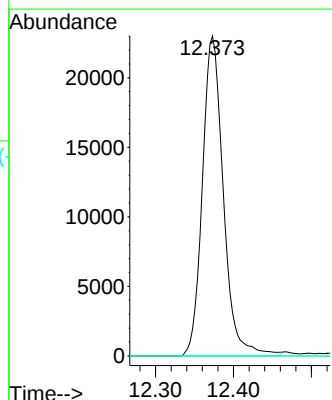
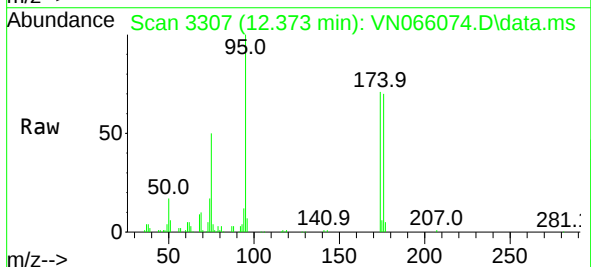
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621

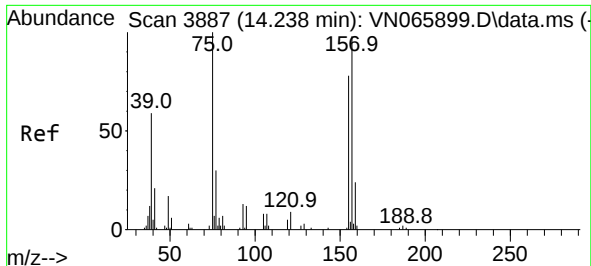
Tgt Ion: 75 Resp: 42993
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.06 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Tgt Ion: 75 Resp: 42993
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

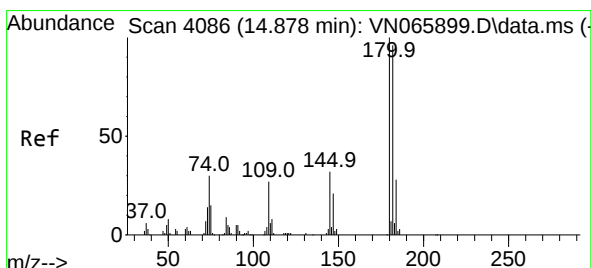
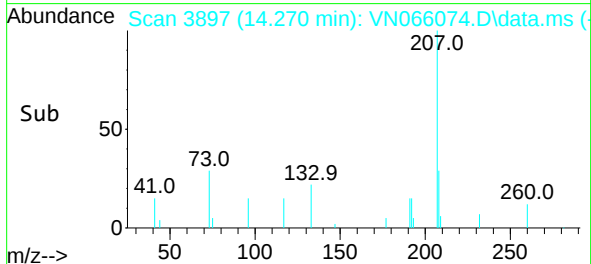
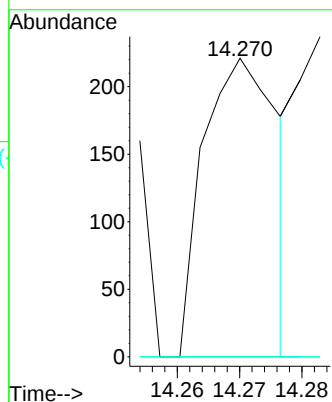
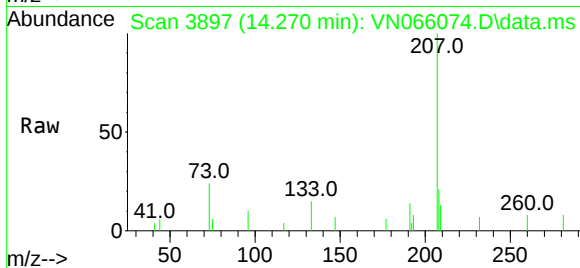




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.39 ug/l
RT: 14.270 min Scan# 3897
Delta R.T. 0.032 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

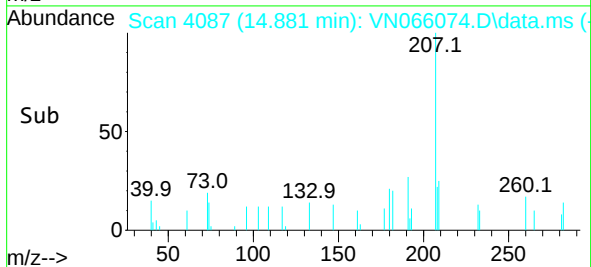
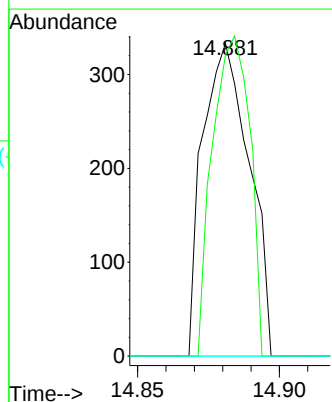
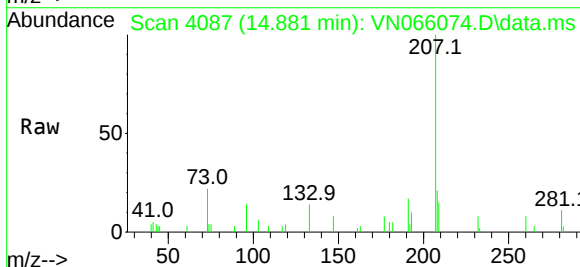
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621

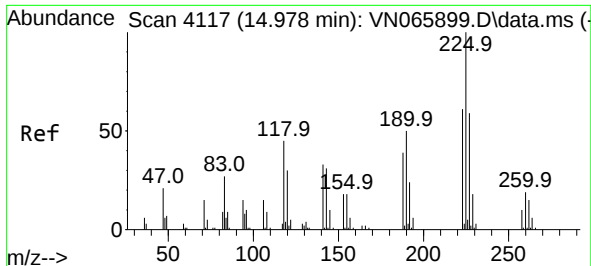
Tgt Ion: 75 Resp: 183
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#93
1,2,4-Trichlorobenzene
Concen: 2.75 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.003 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

Tgt Ion:180 Resp: 380
Ion Ratio Lower Upper
180 100
182 82.1 47.3 142.0
145 0.0 15.6 46.8#

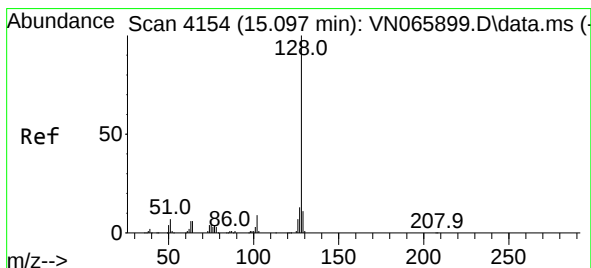
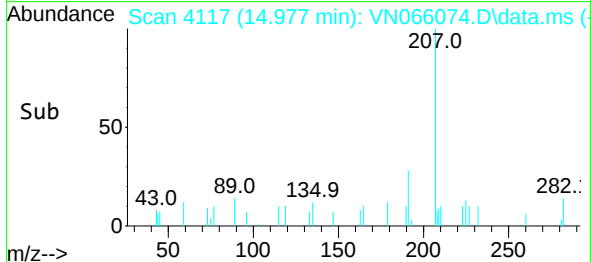
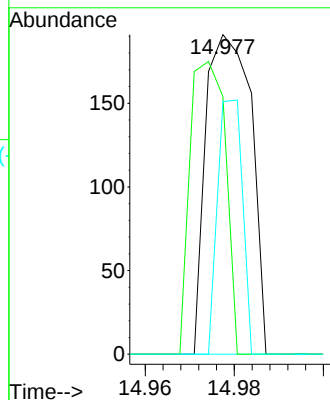
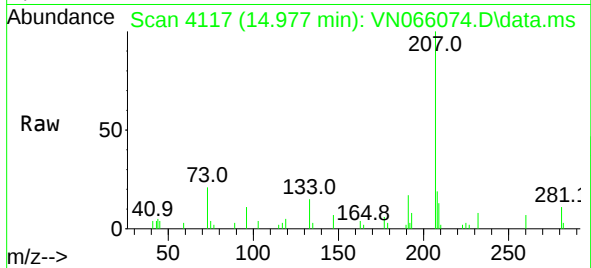




#94
Hexachlorobutadiene
Concen: 0.25 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. -0.001 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

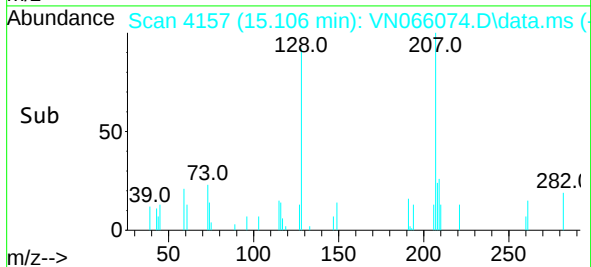
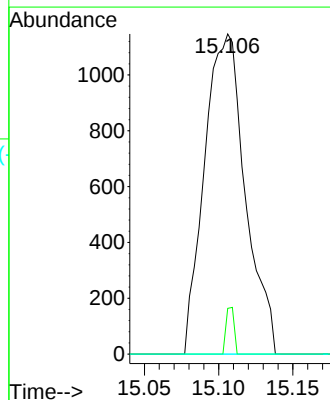
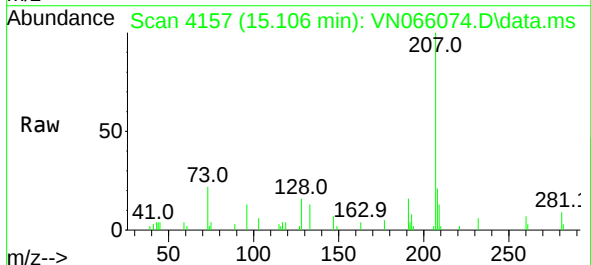
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022621

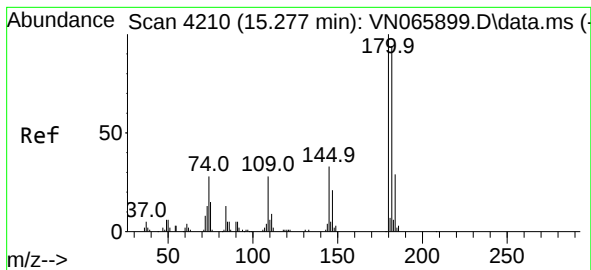
Tgt Ion:	225	Resp:	134
Ion	Ratio	Lower	Upper
225	100		
223	71.6	31.9	95.9
227	43.3	31.6	95.0



#95
Naphthalene
Concen: 3.56 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN066074.D
Acq: 1 Mar 2021 14:00

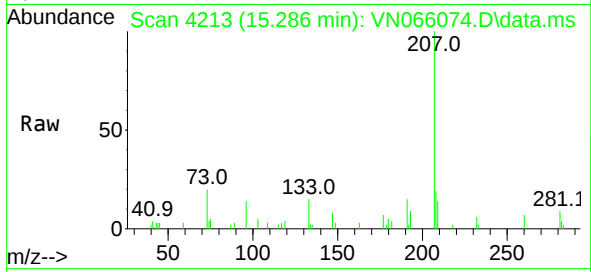
Tgt Ion:	128	Resp:	2193
Ion	Ratio	Lower	Upper
128	100		
127	2.9	10.2	15.2#
129	0.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.57 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.009 min
 Lab File: VN066074.D
 Acq: 1 Mar 2021 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-022621



Tgt Ion:	180	Resp:	521
Ion	Ratio	Lower	Upper
180	100		
182	65.1	47.4	142.3
145	0.0	16.5	49.5#

