

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066024.D
 Acq On : 25 Feb 2021 13:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:19:27 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)

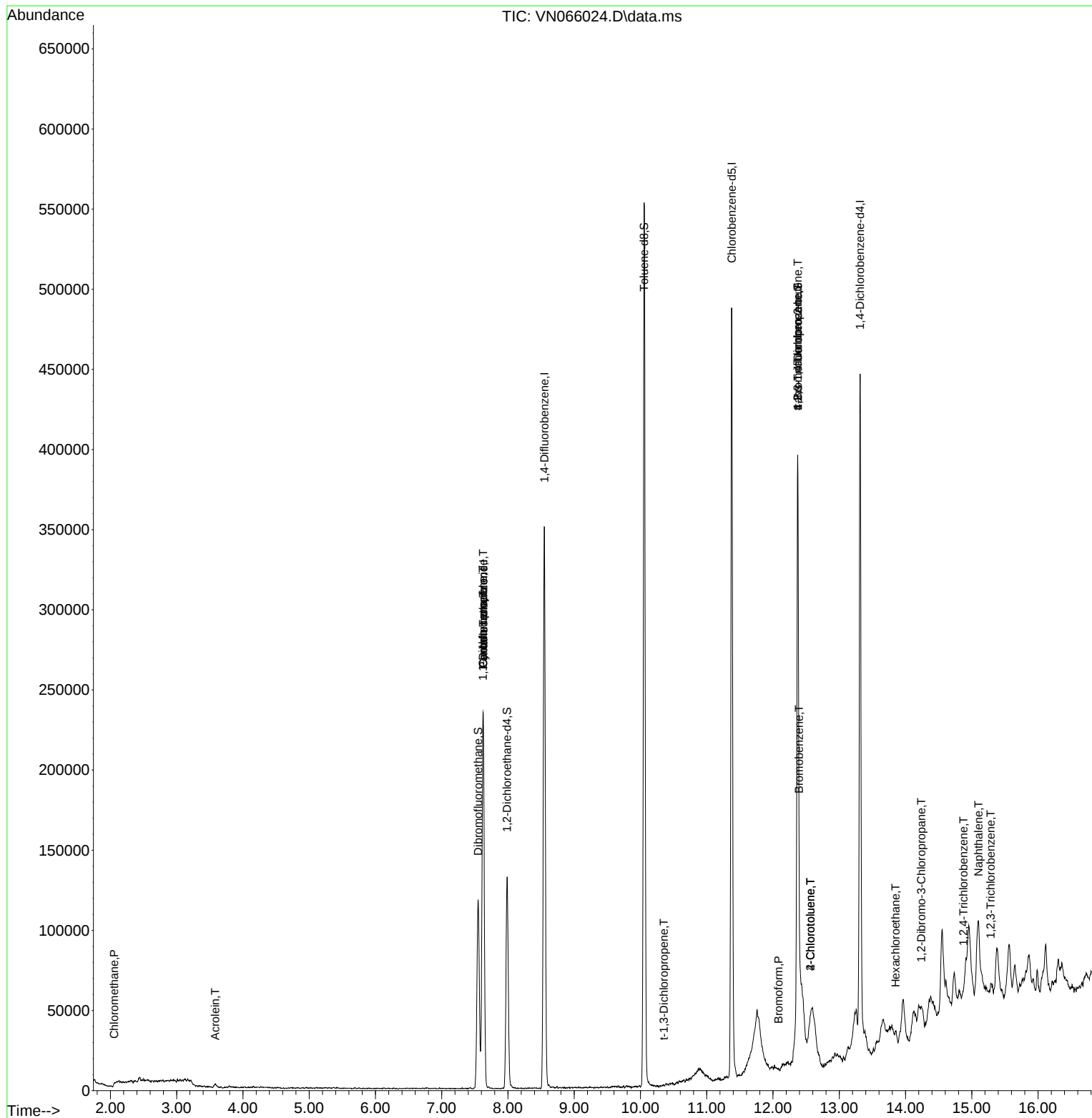
Internal Standards						
1) Pentafluorobenzene	7.627	168	197916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	331444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	296924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	120880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	117843	42.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.16%
35) Dibromofluoromethane	7.550	113	95655	46.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.26%
50) Toluene-d8	10.055	98	404506	48.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.08%
62) 4-Bromofluorobenzene	12.373	95	140880	44.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.14%
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	941	0.29	ug/l	91
13) Acrolein	3.582	56	2396	6.80	ug/l	97
16) Acetone	3.791	43	1279	Below Cal	#	41
31) Cyclohexane	7.624	56	3519	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	14539	4.45	ug/l #	48
38) Carbon Tetrachloride	7.624	117	19100	6.29	ug/l #	16
53) t-1,3-Dichloropropene	10.354	75	101	2.01	ug/l #	42
71) Bromoform	12.084	173	365	2.71	ug/l #	29
76) 1,2,3-Trichloropropane	12.373	75	67118	23.11	ug/l #	100
77) Bromobenzene	12.392	156	49042	21.72	ug/l #	1
79) 2-Chlorotoluene	12.566	91	1940	0.28	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.373	75	67118	73.66	ug/l #	13
82) 4-Chlorotoluene	12.566	91	1940	0.27	ug/l	71
90) Hexachloroethane	13.849	117	687	0.50	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.238	75	41	0.92	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.874	180	133	2.52	ug/l #	1
95) Naphthalene	15.100	128	11165	4.55	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.286	180	97	2.21	ug/l #	1

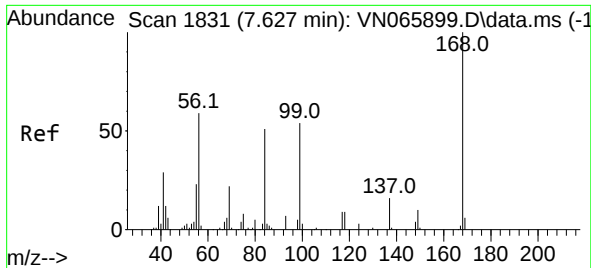
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 17 15:48:13 2021
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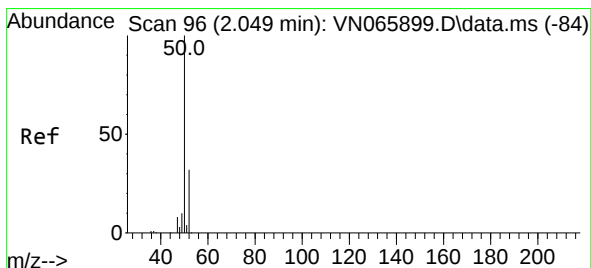
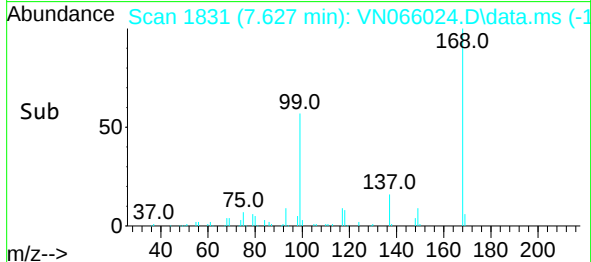
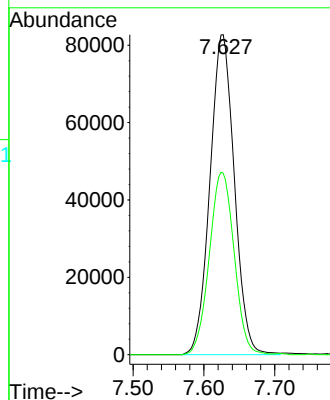
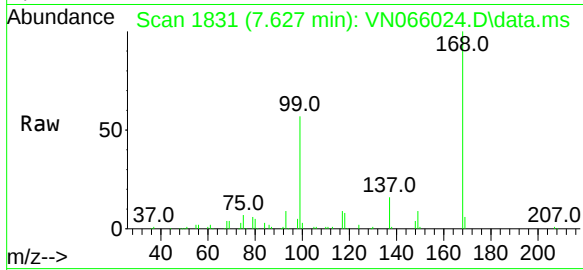




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

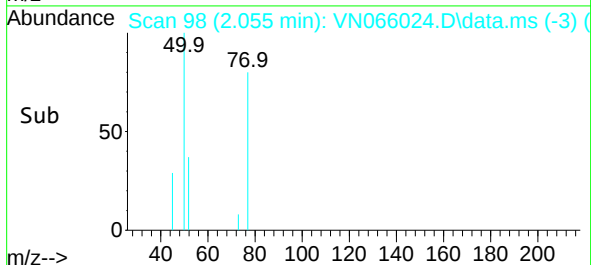
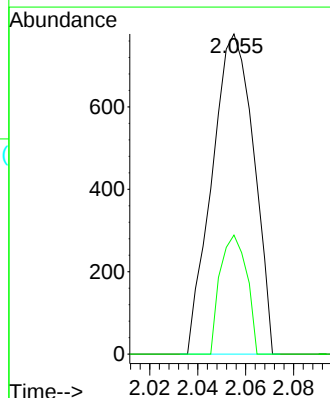
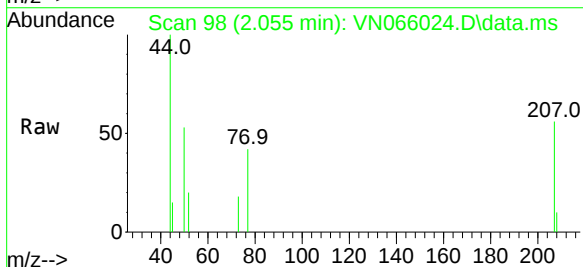
Instrument :
MSVOA_N
ClientSampled :

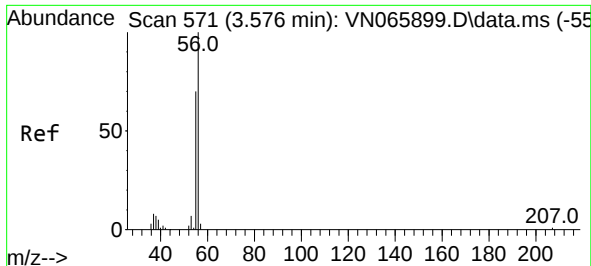
Tgt Ion:168 Resp: 197916
Ion Ratio Lower Upper
168 100
99 56.7 42.6 63.8



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

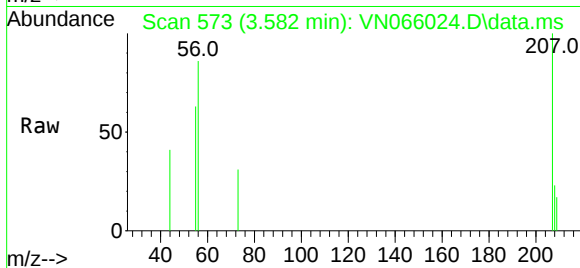
Tgt Ion: 50 Resp: 941
Ion Ratio Lower Upper
50 100
52 37.2 25.8 38.8



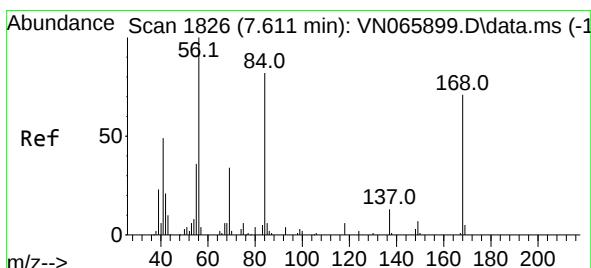
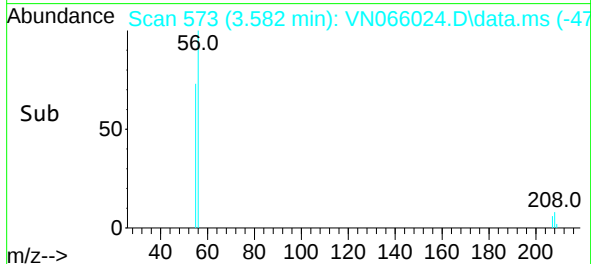
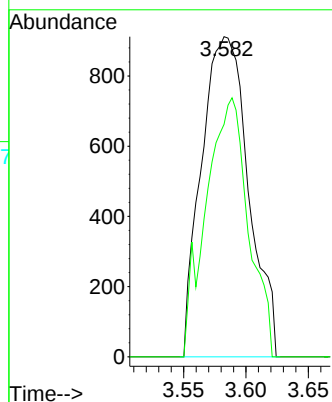


#13
Acrolein
Concen: 6.80 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Instrument :
MSVOA_N
ClientSampled :

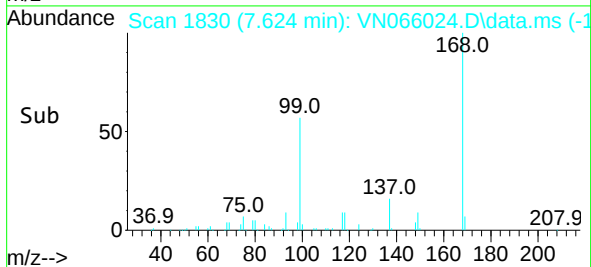
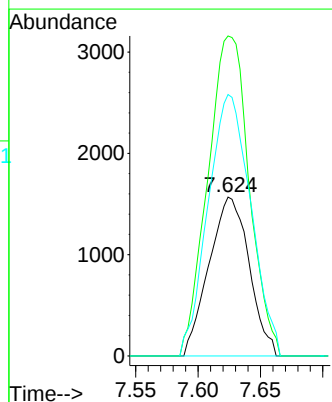
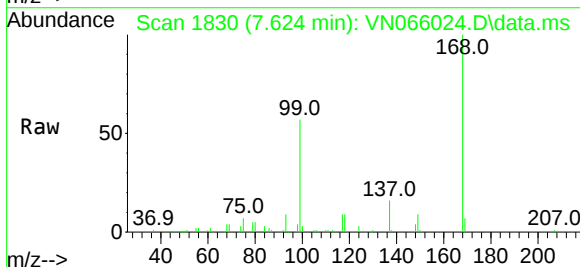


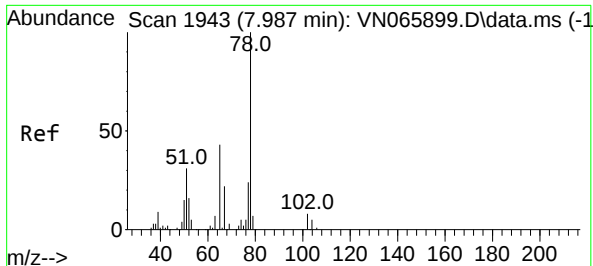
Tgt Ion: 56 Resp: 2396
Ion Ratio Lower Upper
56 100
55 72.7 56.0 84.0



#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion: 56 Resp: 3519
Ion Ratio Lower Upper
56 100
69 201.3 26.6 39.8#
84 164.5 70.4 105.6#

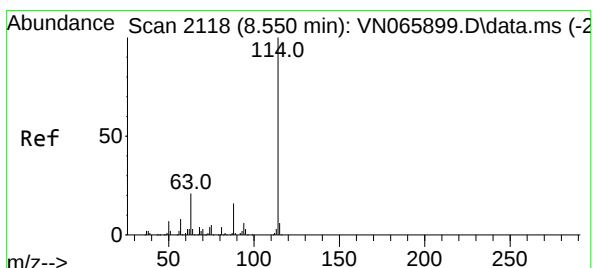
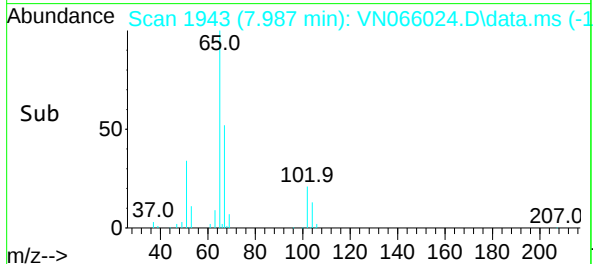
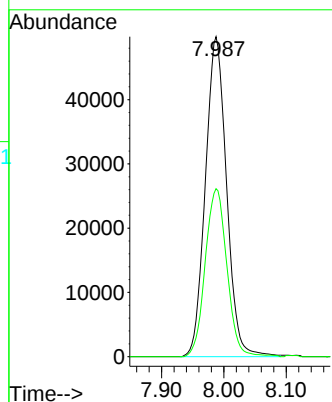
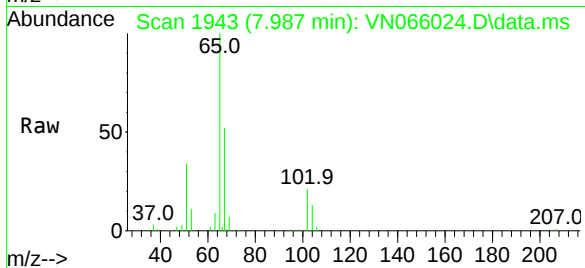




#33
1,2-Dichloroethane-d4
Concen: 42.58 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

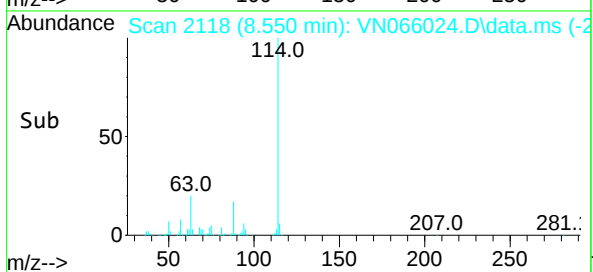
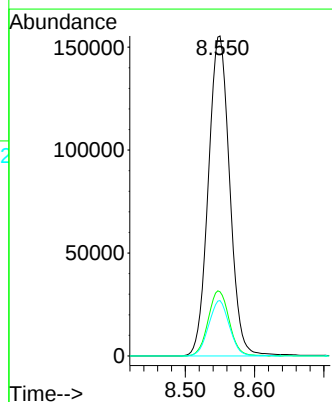
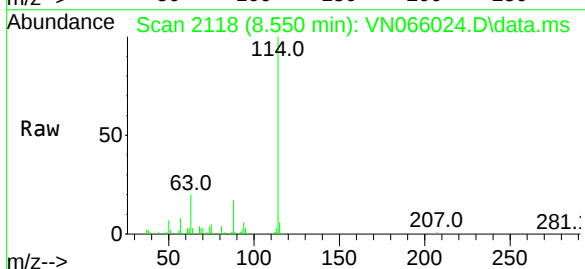
Instrument :
MSVOA_N
ClientSampled :

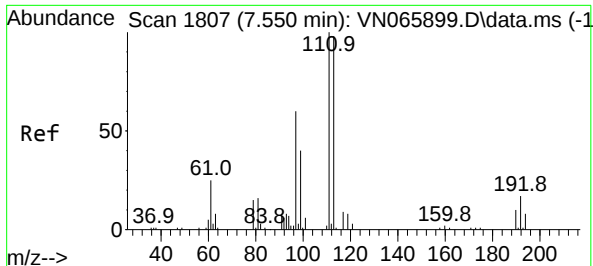
Tgt Ion: 65 Resp: 117843
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion: 114 Resp: 331444
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 17.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.63 ug/l

RT: 7.550 min Scan# 1807

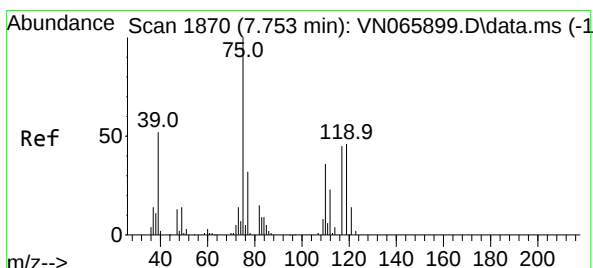
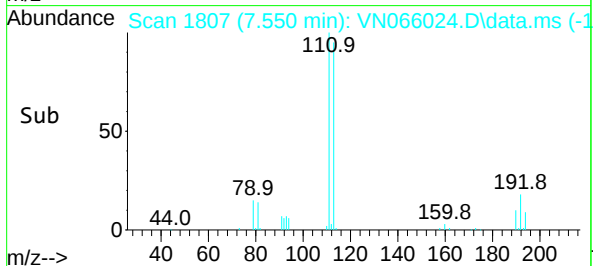
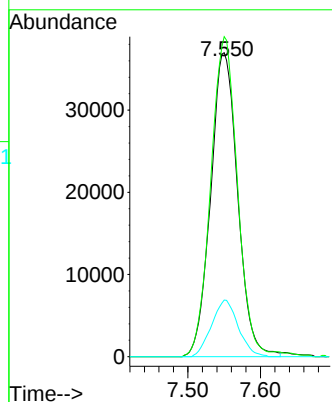
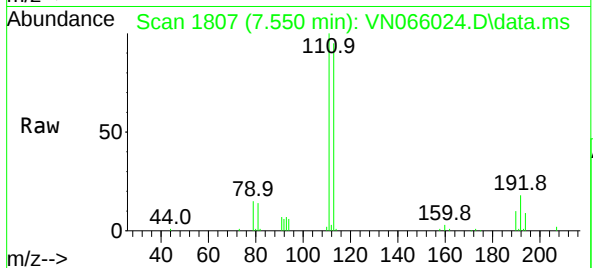
Delta R.T. 0.000 min

Lab File: VN066024.D

Acq: 25 Feb 2021 13:46

Tgt Ion:	113	Resp:	95655
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	18.4	15.4	23.0

Instrument :
MSVOA_N
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.45 ug/l

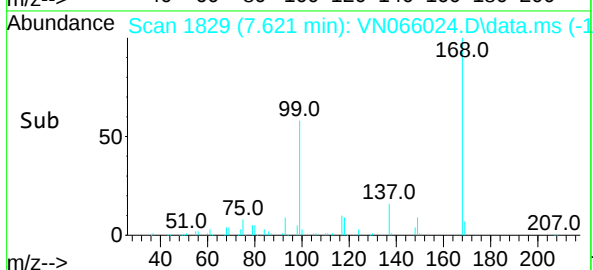
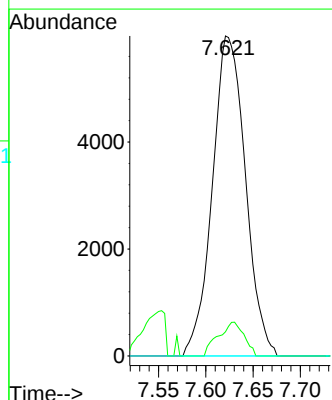
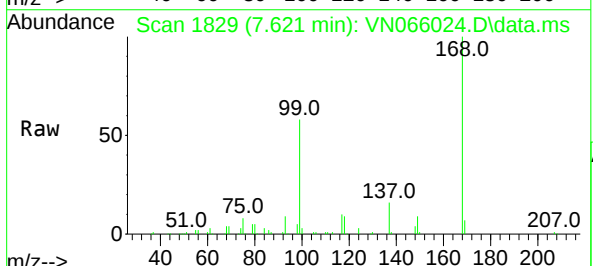
RT: 7.621 min Scan# 1829

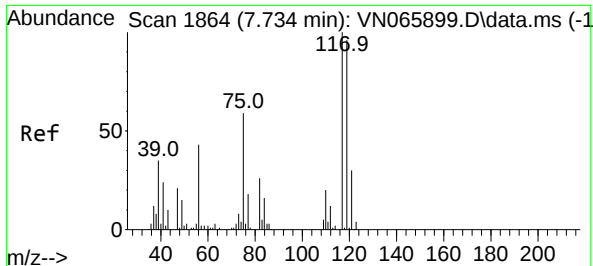
Delta R.T. -0.132 min

Lab File: VN066024.D

Acq: 25 Feb 2021 13:46

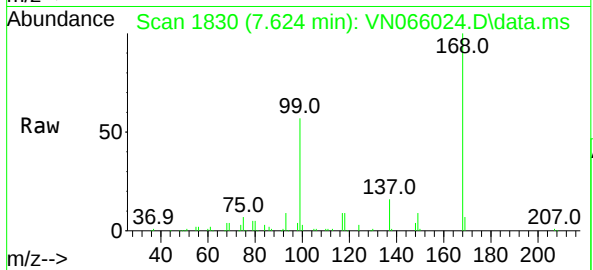
Tgt Ion:	75	Resp:	14539
Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



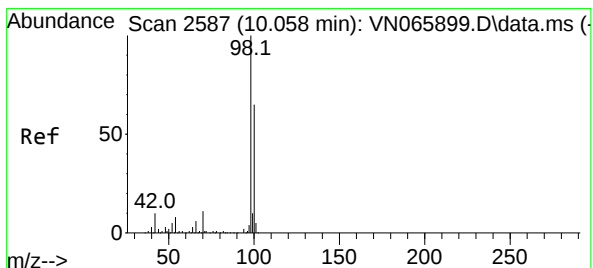
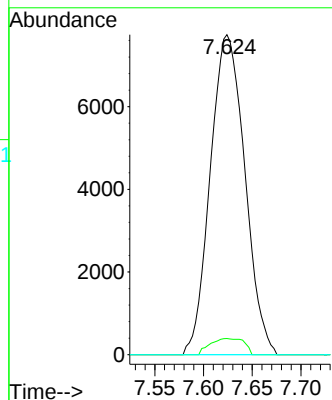
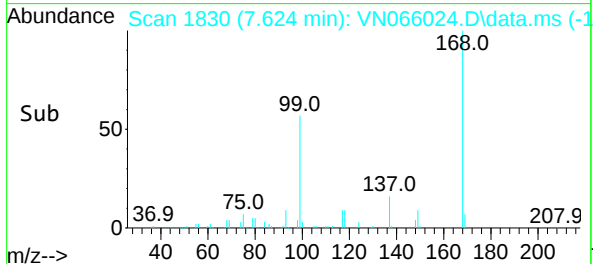


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Instrument :
MSVOA_N
ClientSampled :

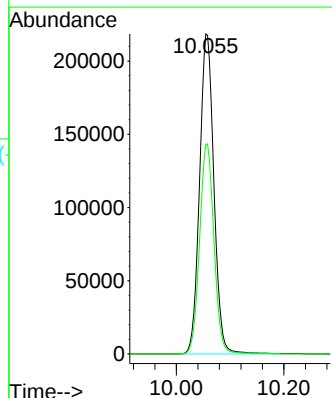
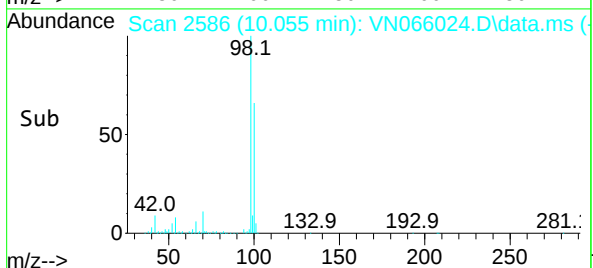
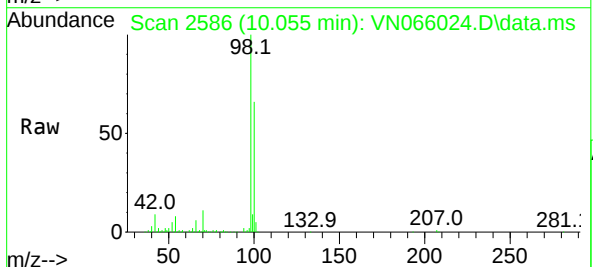


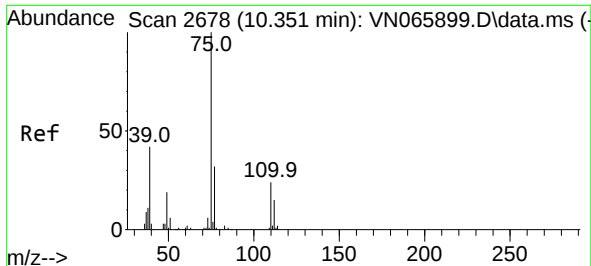
Tgt Ion:117 Resp: 19100
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.04 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion: 98 Resp: 404506
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7

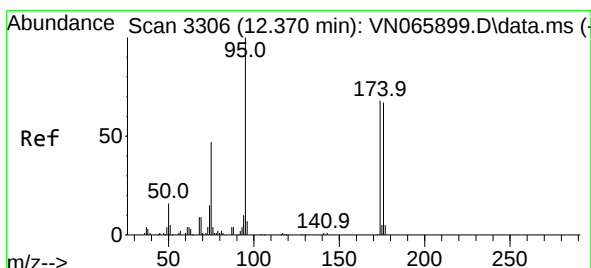
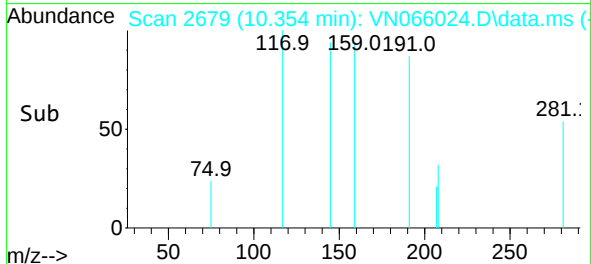
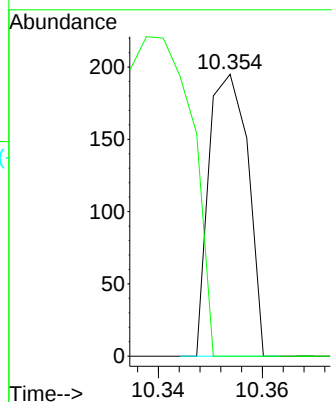
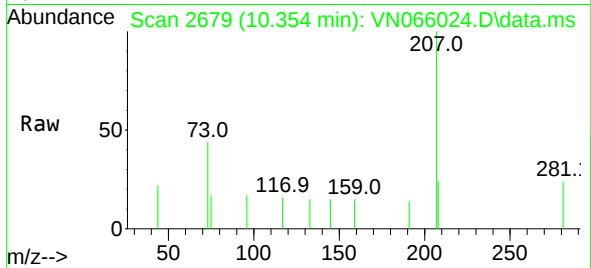




#53
t-1,3-Dichloropropene
Concen: 2.01 ug/l
RT: 10.354 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

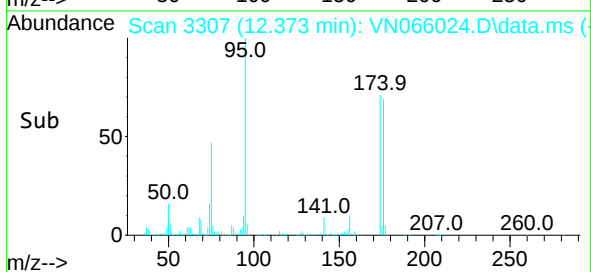
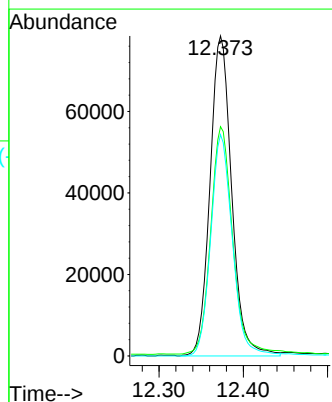
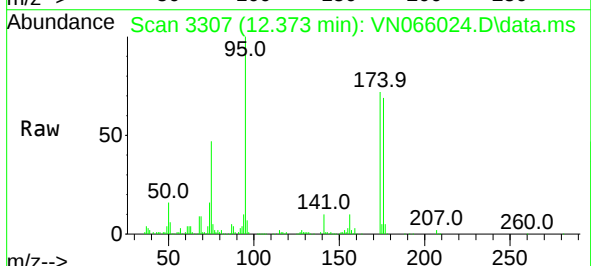
Instrument :
MSVOA_N
ClientSampleId :

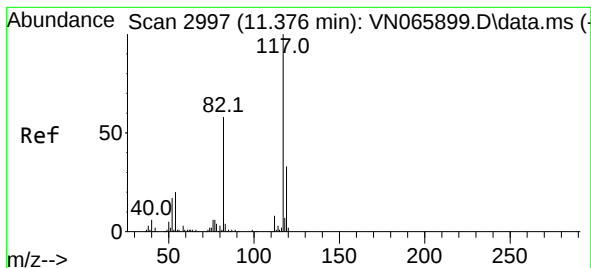
Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 44.57 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion: 95 Resp: 140880
Ion Ratio Lower Upper
95 100
174 72.5 0.0 169.0
176 69.5 0.0 162.4

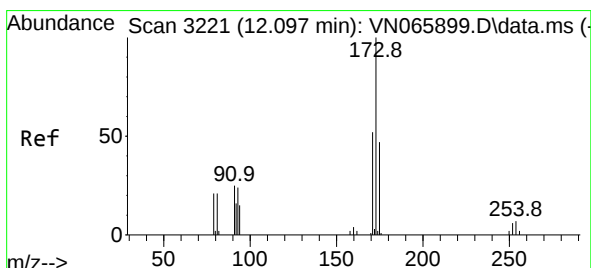
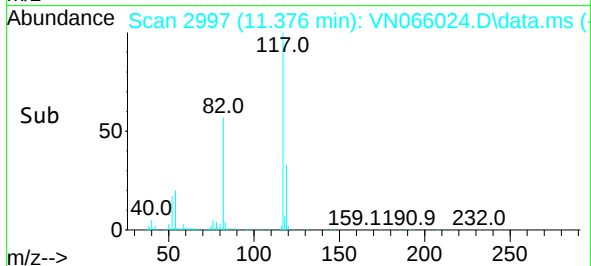
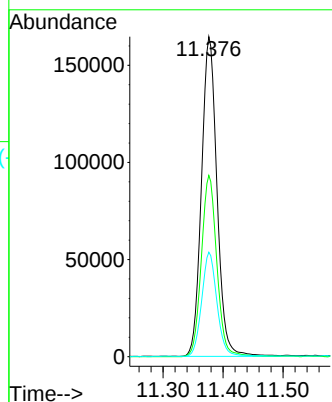
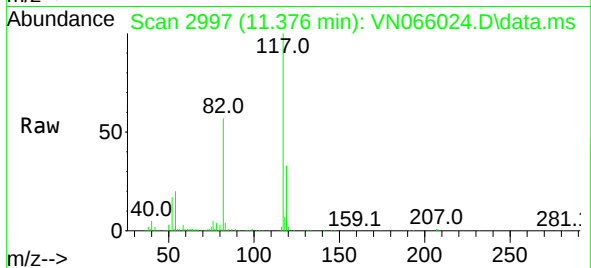




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

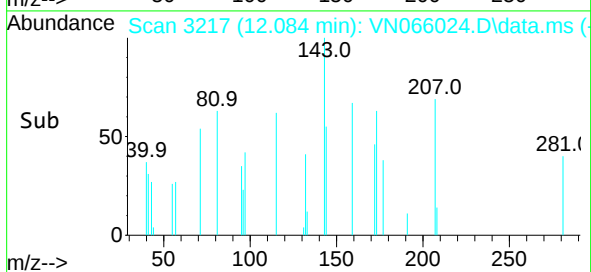
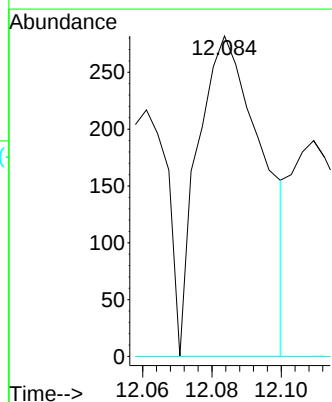
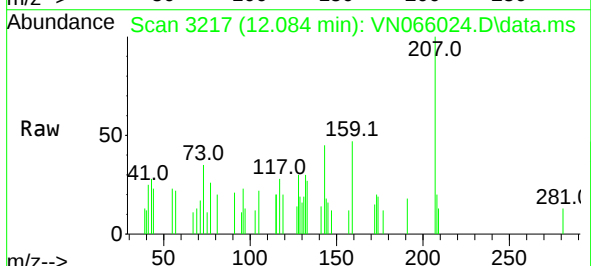
Instrument :
MSVOA_N
ClientSampleId :

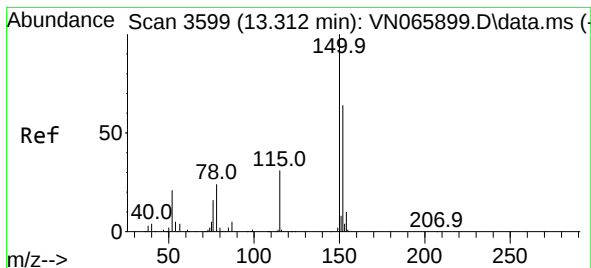
Tgt Ion:117 Resp: 296924
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 32.6 26.1 39.1



#71
Bromoform
Concen: 2.71 ug/l
RT: 12.084 min Scan# 3217
Delta R.T. -0.013 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion:173 Resp: 365
Ion Ratio Lower Upper
173 100
175 0.0 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: VN066024.D

Acq: 25 Feb 2021 13:46

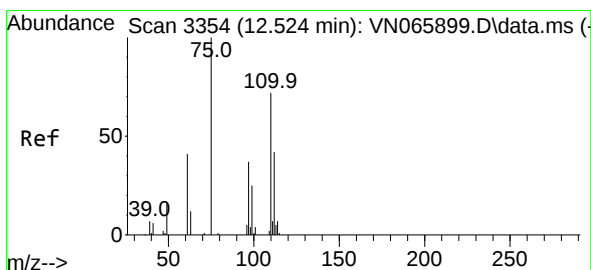
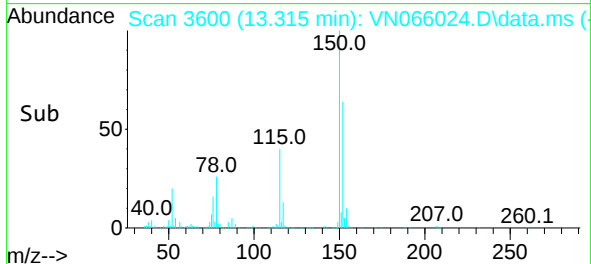
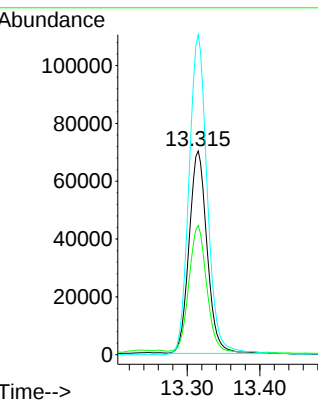
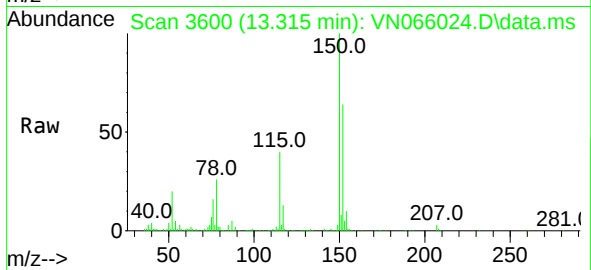
Tgt Ion:152 Resp: 120880

Ion Ratio Lower Upper

152 100

115 60.4 28.5 85.6

150 161.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 23.11 ug/l

RT: 12.373 min Scan# 3307

Delta R.T. -0.151 min

Lab File: VN066024.D

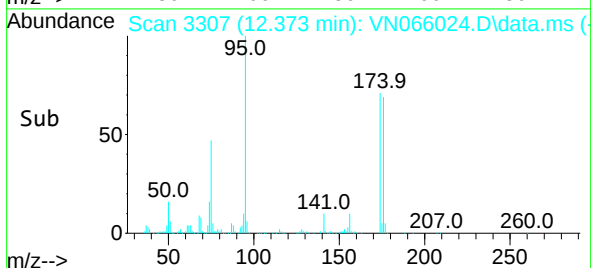
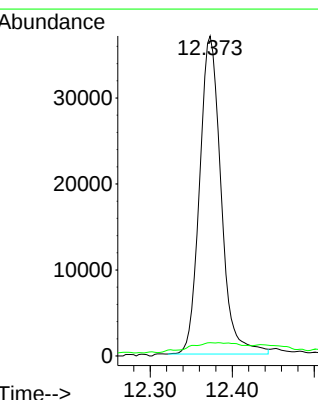
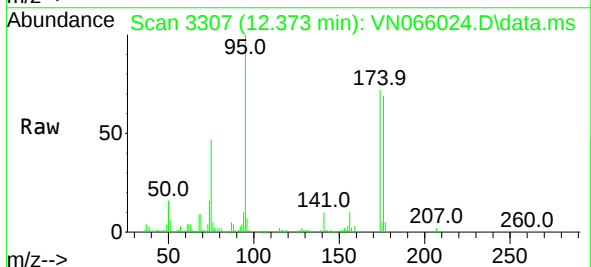
Acq: 25 Feb 2021 13:46

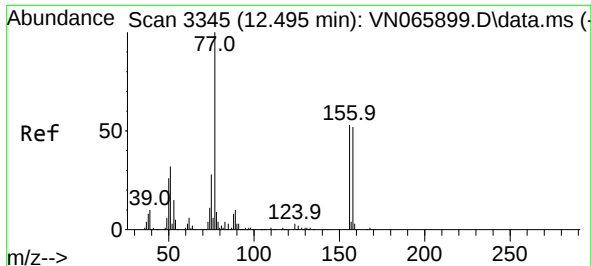
Tgt Ion: 75 Resp: 67118

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#

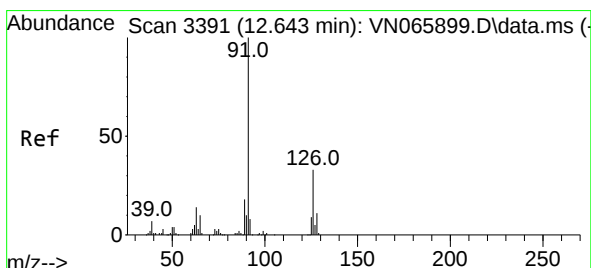
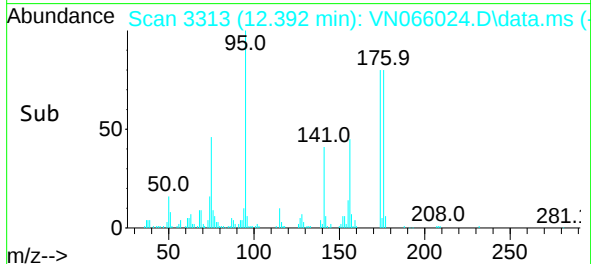
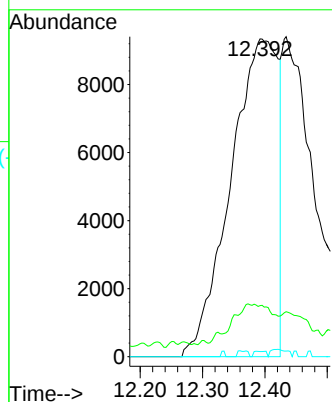
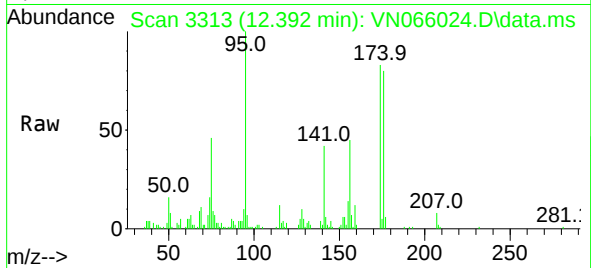




#77
Bromobenzene
Concen: 21.72 ug/l
RT: 12.392 min Scan# 3313
Delta R.T. -0.103 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

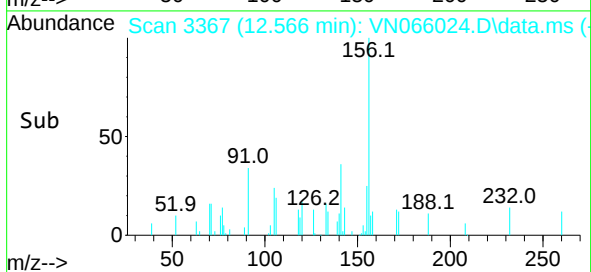
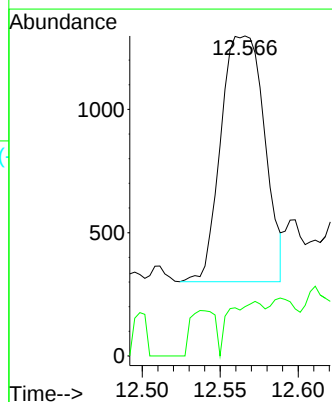
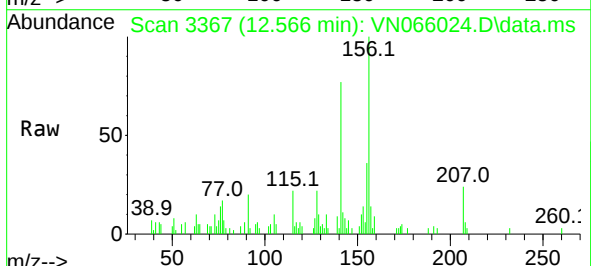
Instrument :
MSVOA_N
ClientSampleId :

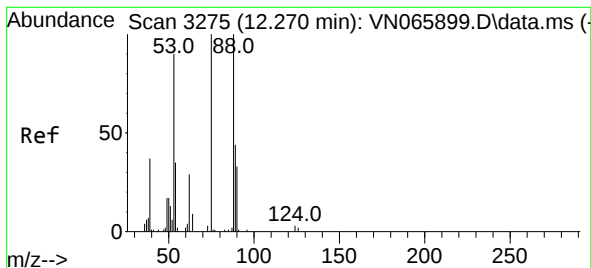
Tgt Ion:156 Resp: 49042
Ion Ratio Lower Upper
156 100
77 0.0 96.3 288.8#
158 0.3 49.0 147.0#



#79
2-Chlorotoluene
Concen: 0.28 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. -0.077 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion: 91 Resp: 1940
Ion Ratio Lower Upper
91 100
126 17.6 17.4 52.3

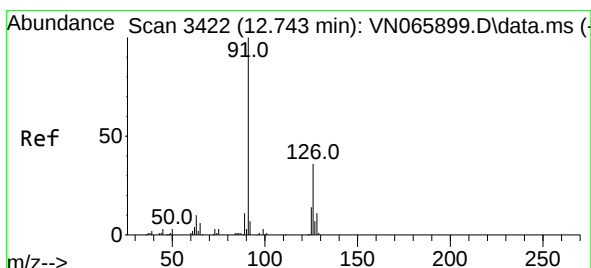
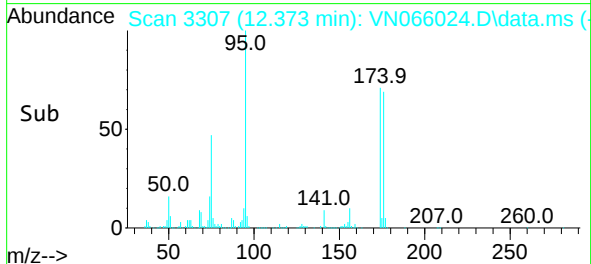
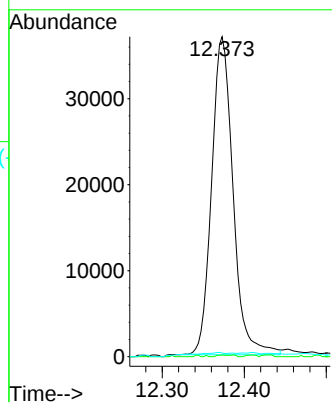
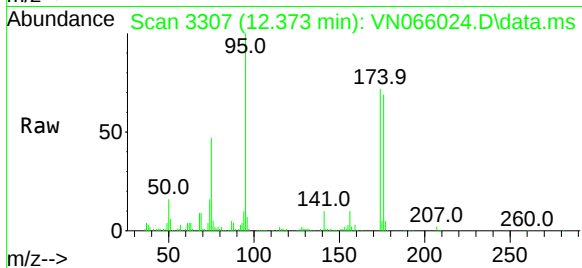




#81
trans-1,4-Dichloro-2-butene
Concen: 73.66 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

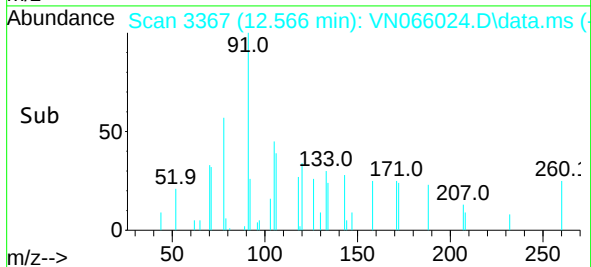
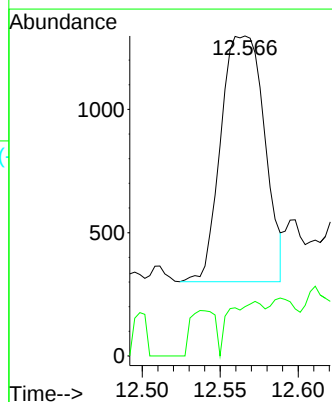
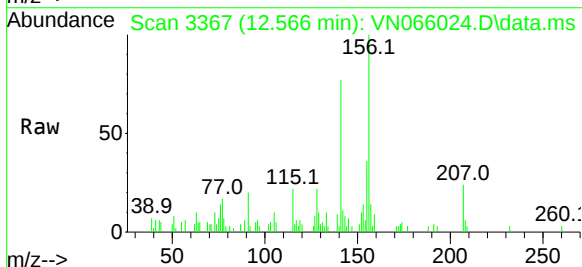
Instrument :
MSVOA_N
ClientSampleId :

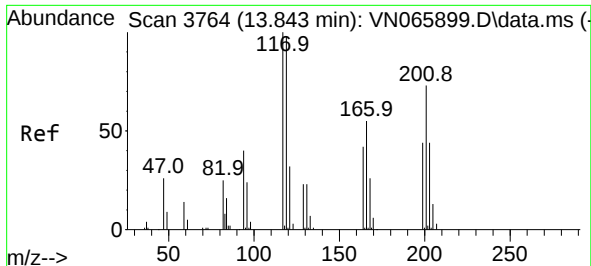
Tgt Ion: 75 Resp: 67118
Ion Ratio Lower Upper
75 100
53 0.2 74.6 111.8#
89 0.4 35.8 53.8#



#82
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. -0.177 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion: 91 Resp: 1940
Ion Ratio Lower Upper
91 100
126 17.6 17.2 51.6

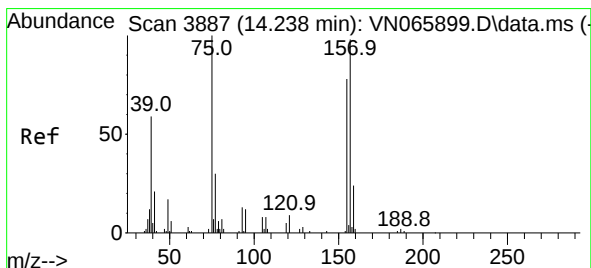
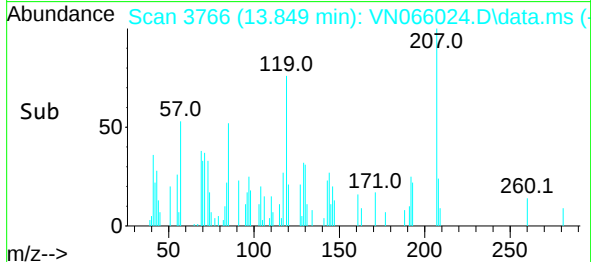
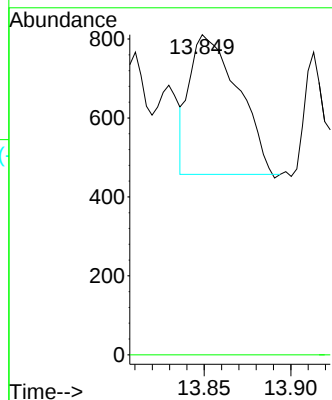
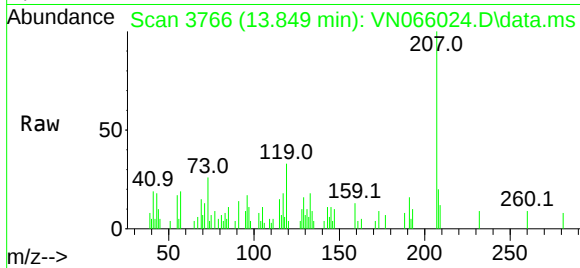




#90
Hexachloroethane
Concen: 0.50 ug/l
RT: 13.849 min Scan# 3766
Delta R.T. 0.006 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

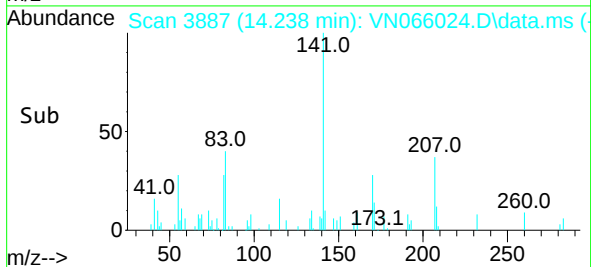
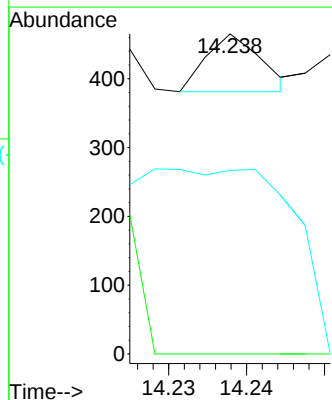
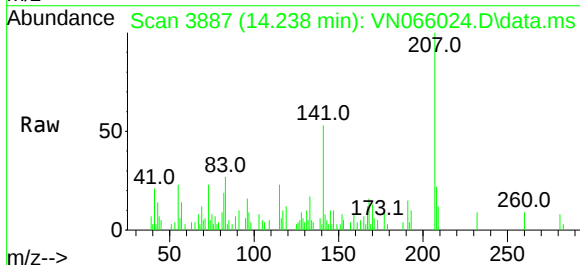
Instrument :
MSVOA_N
ClientSampled :

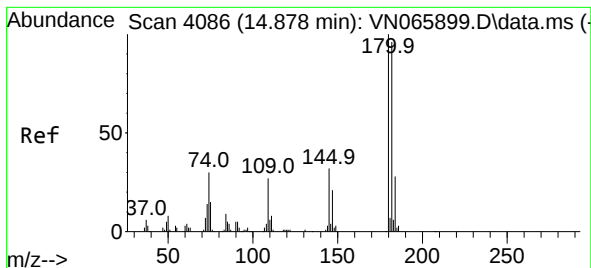
Tgt Ion:117 Resp: 687
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.92 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

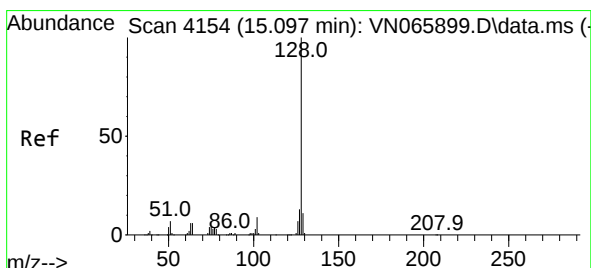
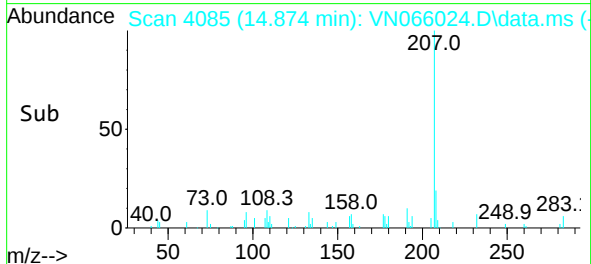
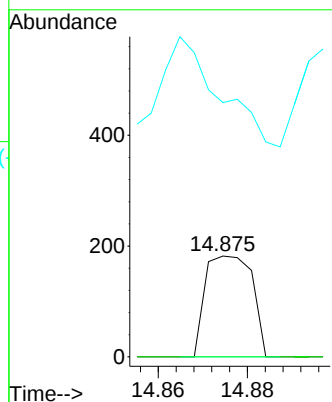
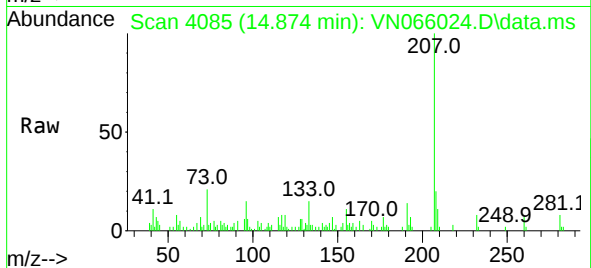




#93
1,2,4-Trichlorobenzene
Concen: 2.52 ug/l
RT: 14.874 min Scan# 4085
Delta R.T. -0.004 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

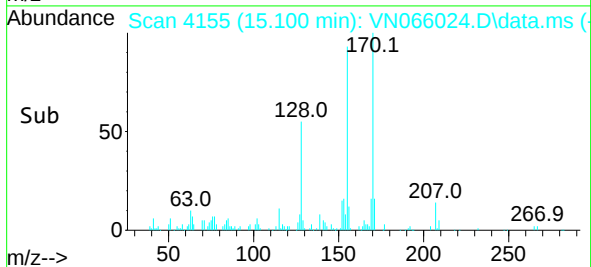
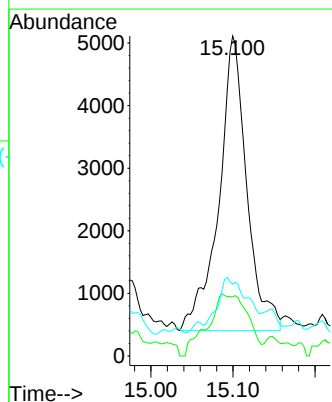
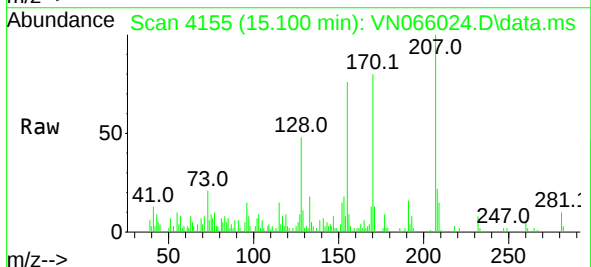
Instrument :
MSVOA_N
ClientSampled :

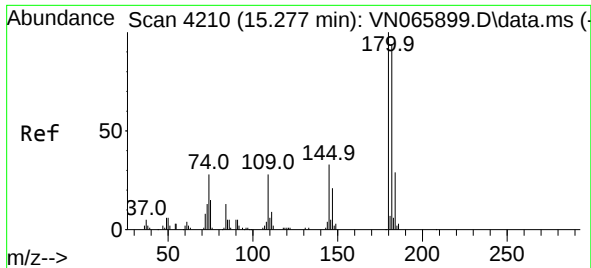
Tgt Ion:180 Resp: 133
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 131.6 15.6 46.8#



#95
Naphthalene
Concen: 4.55 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066024.D
Acq: 25 Feb 2021 13:46

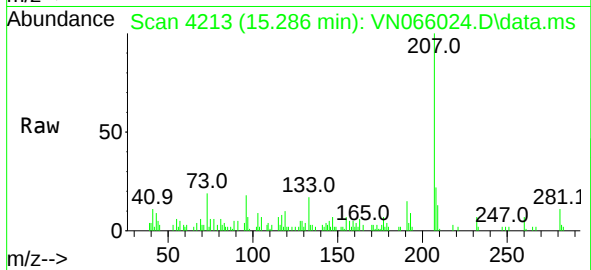
Tgt Ion:128 Resp: 11165
Ion Ratio Lower Upper
128 100
127 30.2 10.2 15.2#
129 16.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.21 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.009 min
 Lab File: VN066024.D
 Acq: 25 Feb 2021 13:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.3#
145	216.5	16.5	49.5#

