

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066084.D
 Acq On : 1 Mar 2021 18:16
 Operator : JC/MD
 Sample : M1488-05 400X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 41698DL

Quant Time: Mar 01 21:45:28 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)

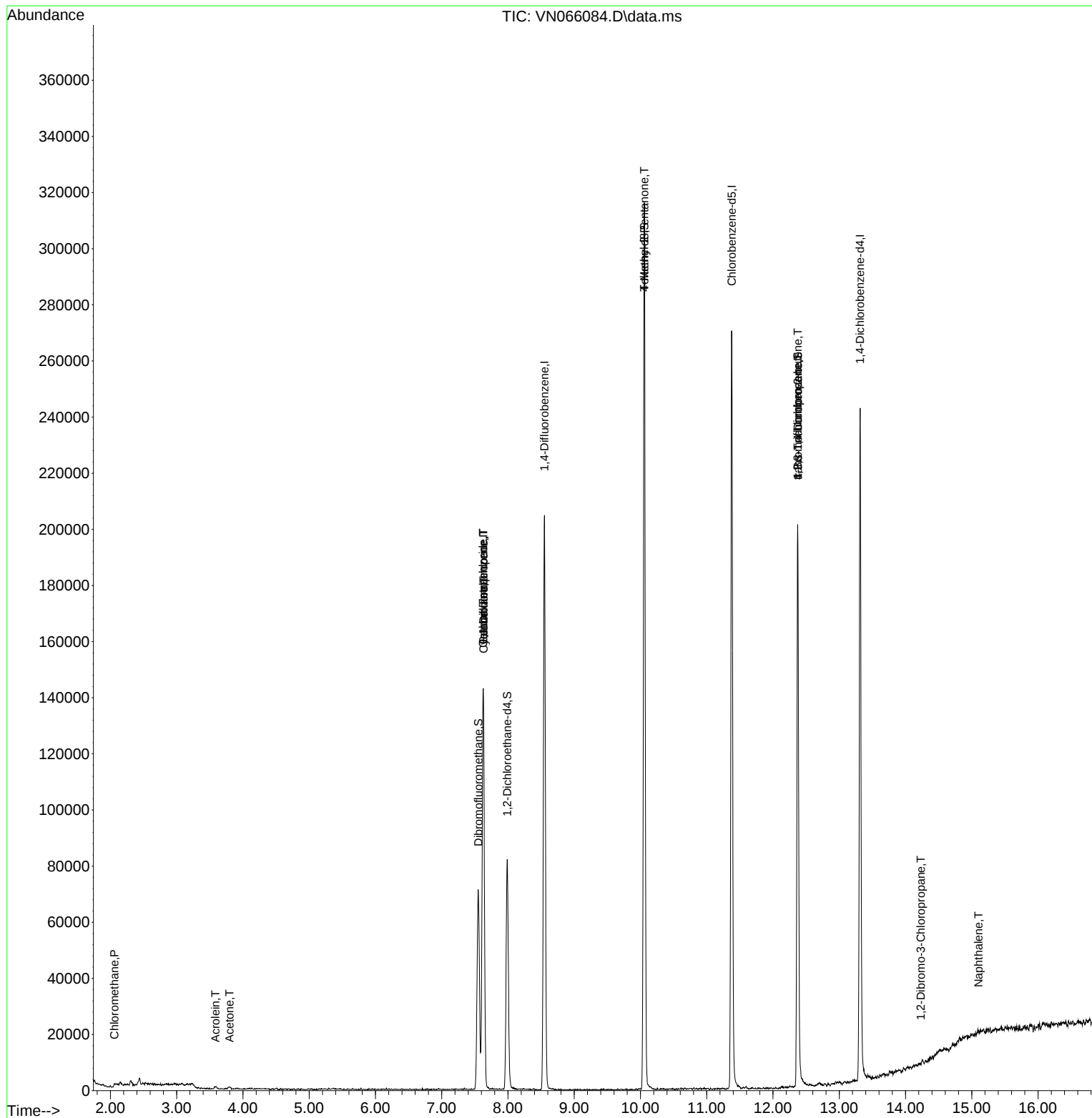
Internal Standards						
1) Pentafluorobenzene	7.627	168	112887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	183345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	165778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	68814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	78182	49.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.06%		
35) Dibromofluoromethane	7.553	113	55980	49.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.66%		
50) Toluene-d8	10.058	98	222797	47.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.66%		
62) 4-Bromofluorobenzene	12.373	95	80431	46.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.00%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.058	50	575	0.31	ug/l #	66
13) Acrolein	3.586	56	949	4.72	ug/l #	72
16) Acetone	3.798	43	1543	1.52	ug/l	93
31) Cyclohexane	7.631	56	2350	1.00	ug/l #	29
36) 1,1-Dichloropropene	7.627	75	8776	4.85	ug/l #	48
38) Carbon Tetrachloride	7.624	117	11696	6.96	ug/l #	17
51) 4-Methyl-2-Pentanone	10.058	43	968	0.61	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	42012	25.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	42012	80.99	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.232	75	112	1.18	ug/l #	1
95) Naphthalene	15.100	128	522	3.18	ug/l #	69

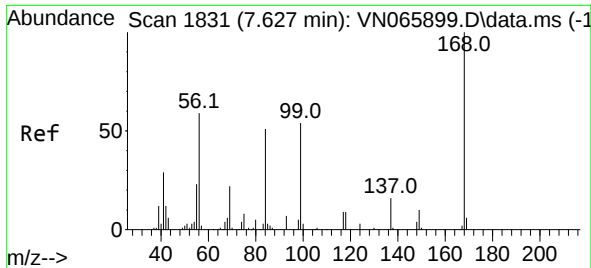
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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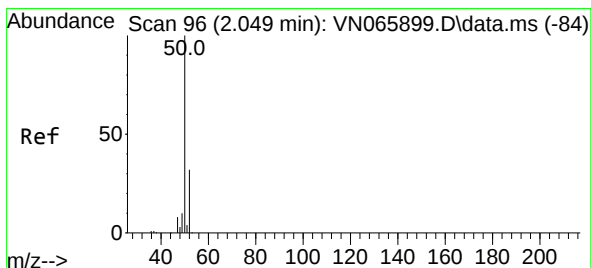
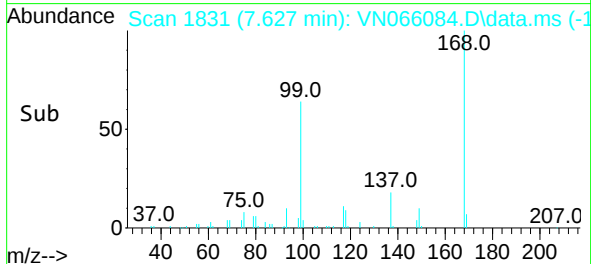
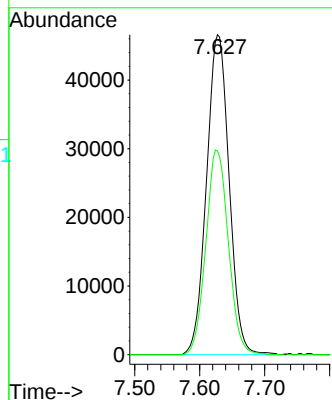
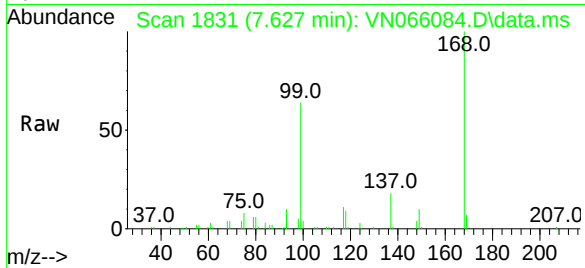




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

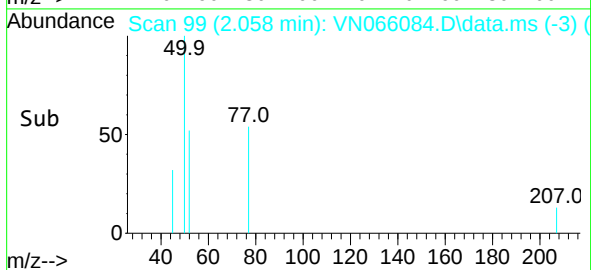
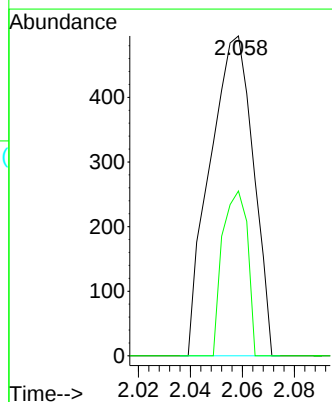
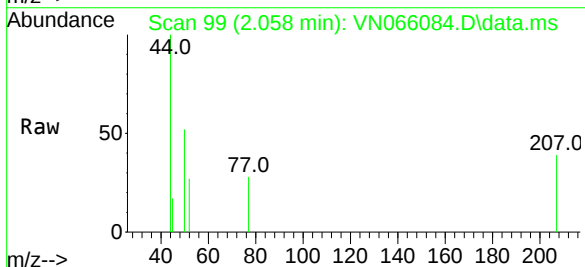
Instrument :
MSVOA_N
ClientSampleId :
41698DL

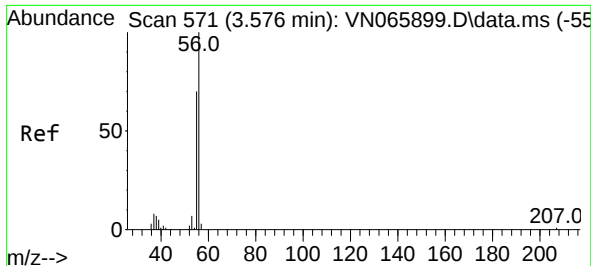
Tgt Ion:168 Resp: 112887
Ion Ratio Lower Upper
168 100
99 63.7 42.6 63.8



#3
Chloromethane
Concen: 0.31 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 51.5 25.8 38.8#

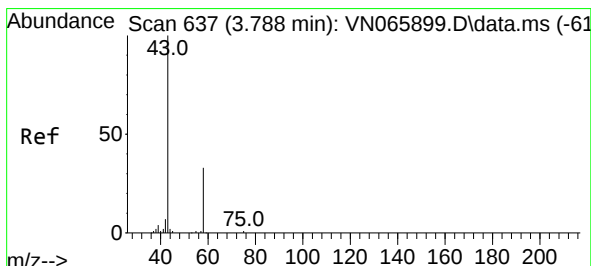
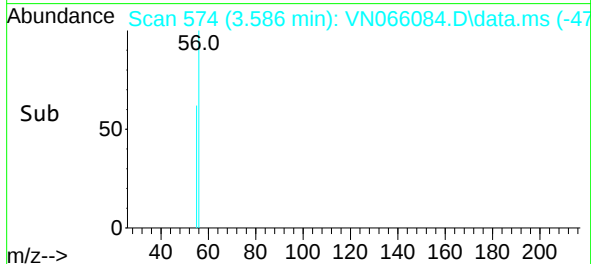
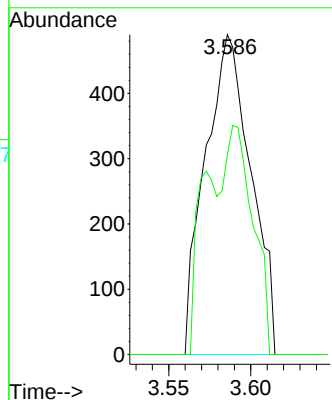
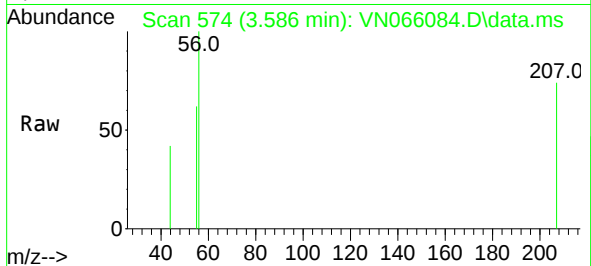




#13
Acrolein
Concen: 4.72 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

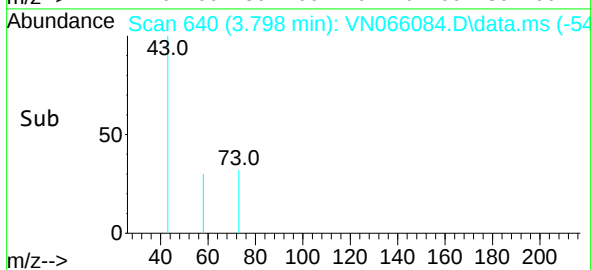
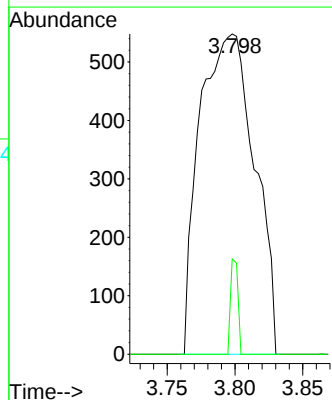
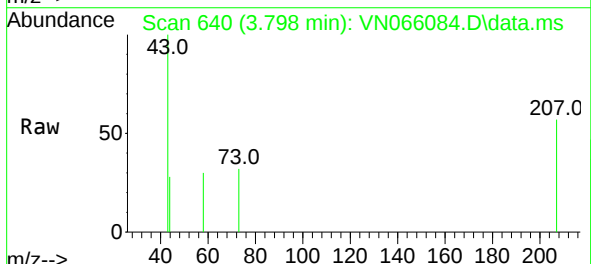
Instrument :
MSVOA_N
ClientSampleId :
41698DL

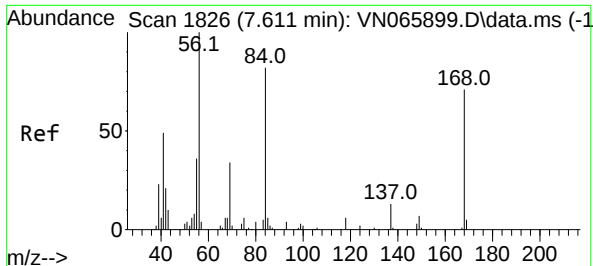
Tgt Ion: 56 Resp: 949
Ion Ratio Lower Upper
56 100
55 46.9 56.0 84.0#



#16
Acetone
Concen: 1.52 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
58 29.7 27.0 40.6





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. 0.020 min

Lab File: VN066084.D

Acq: 1 Mar 2021 18:16

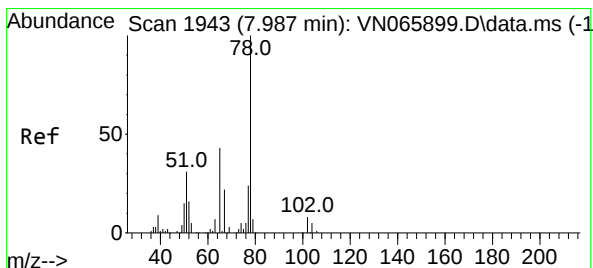
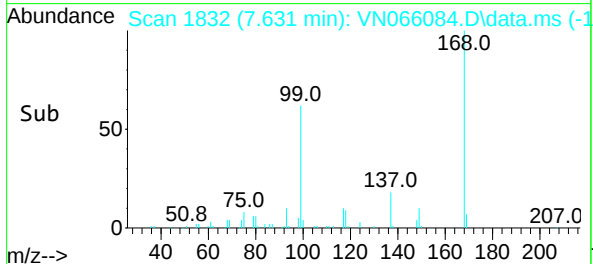
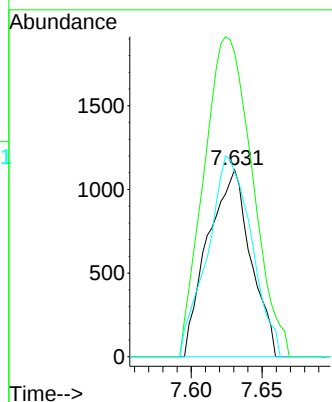
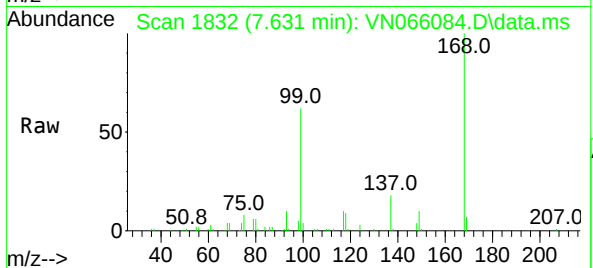
Tgt Ion: 56 Resp: 2350

Ion Ratio Lower Upper

56 100

69 162.7 26.6 39.8#

84 98.8 70.4 105.6



#33

1,2-Dichloroethane-d4

Concen: 49.53 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.004 min

Lab File: VN066084.D

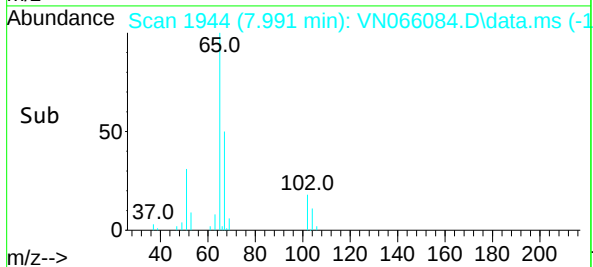
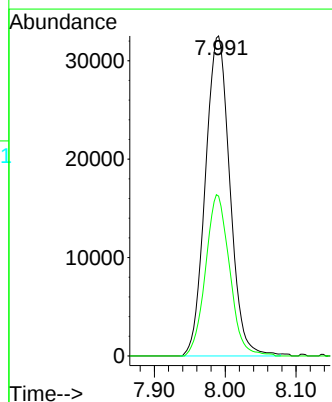
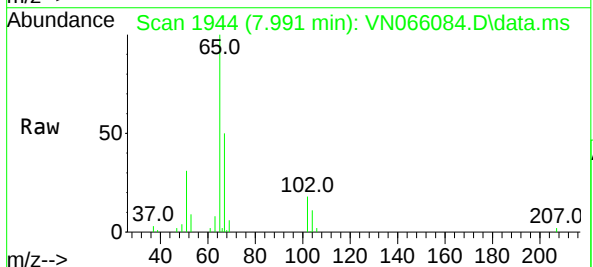
Acq: 1 Mar 2021 18:16

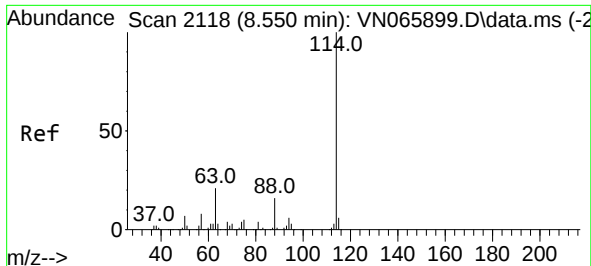
Tgt Ion: 65 Resp: 78182

Ion Ratio Lower Upper

65 100

67 49.5 0.0 107.2

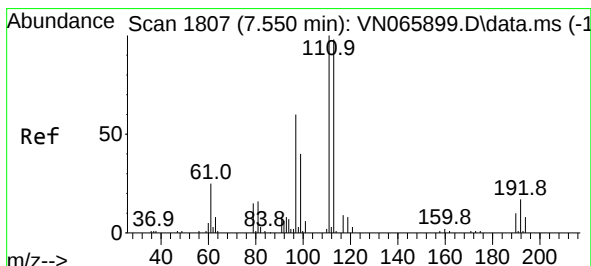
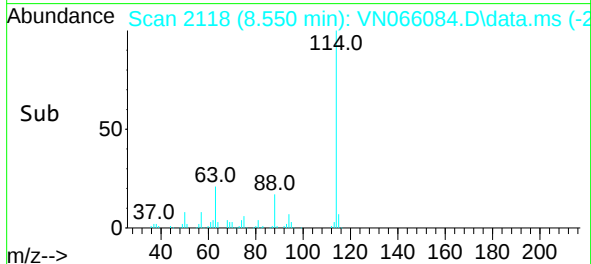
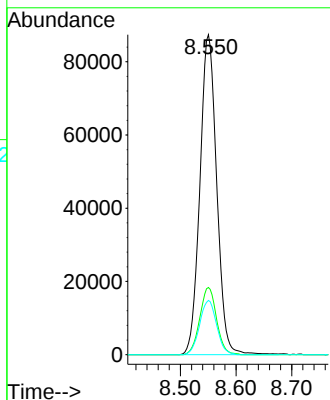
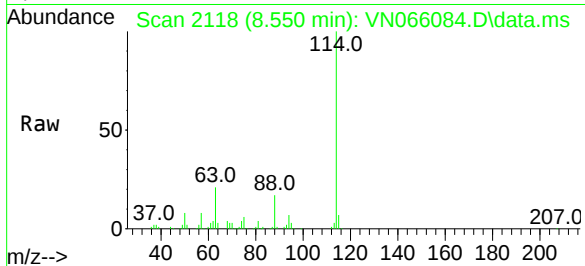




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

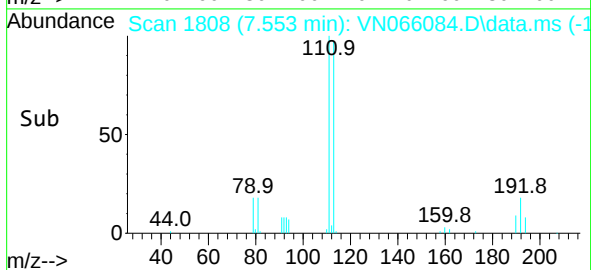
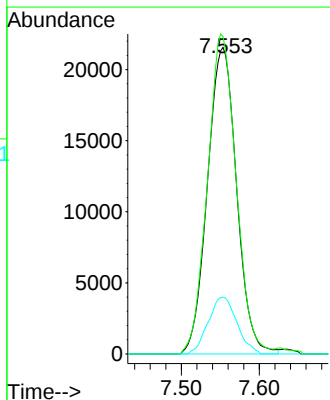
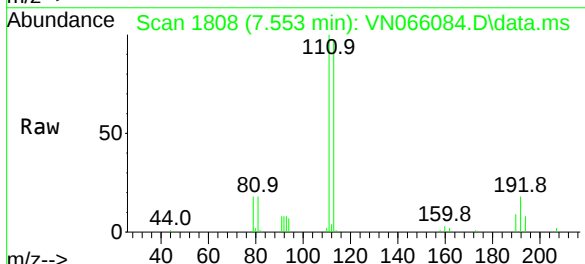
Instrument :
MSVOA_N
ClientSampleId :
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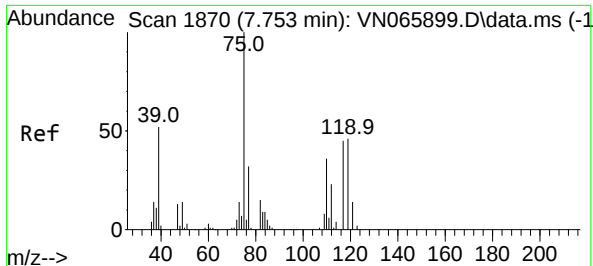
Tgt Ion:	114	Resp:	183345
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	38.6
88	16.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.33 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Tgt Ion:	113	Resp:	55980
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	18.2	15.4	23.0

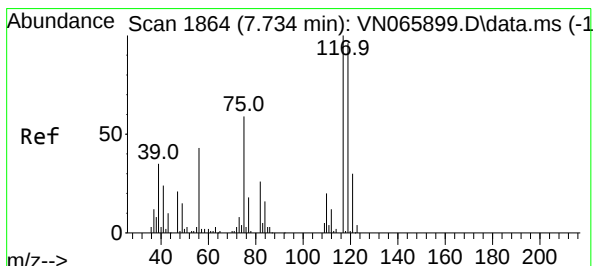
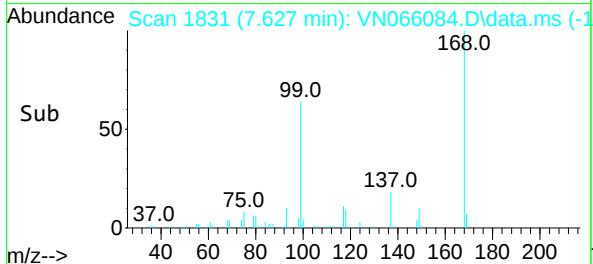
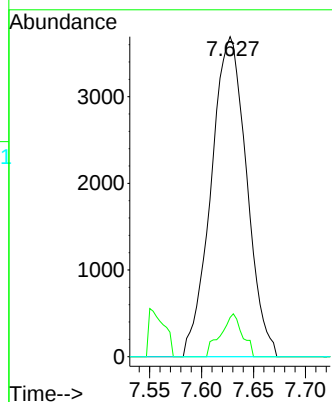
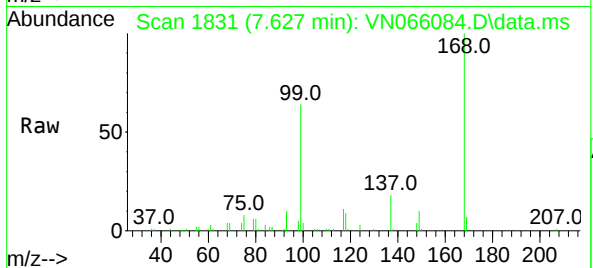




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

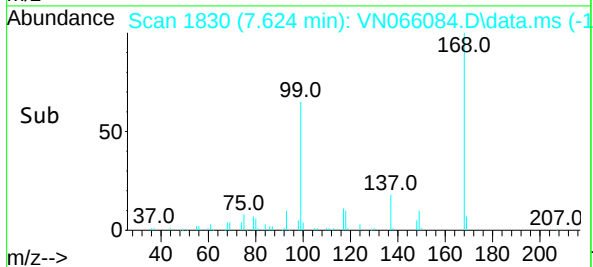
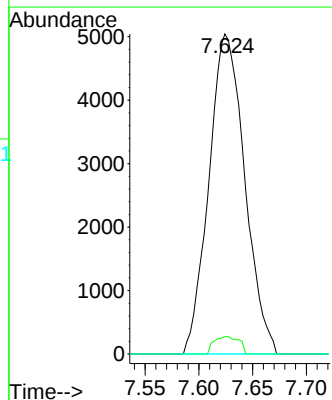
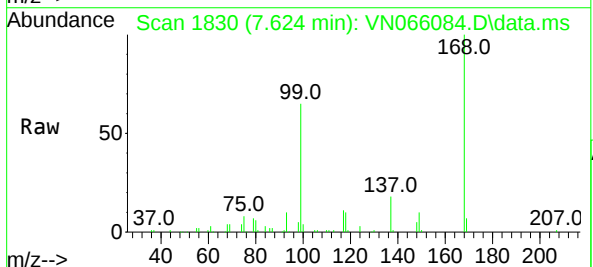
Instrument :
MSVOA_N
ClientSampled :
41698DL

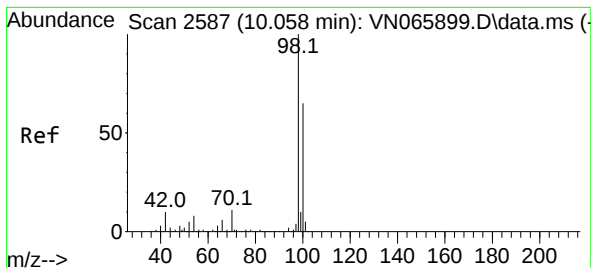
Tgt Ion: 75 Resp: 8776
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.96 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Tgt Ion: 117 Resp: 11696
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

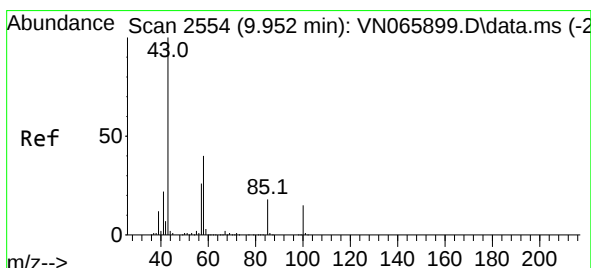
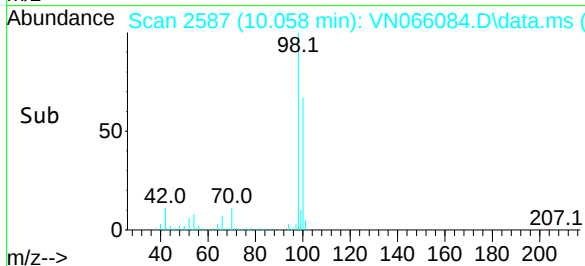
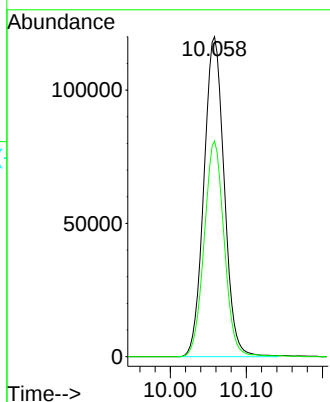
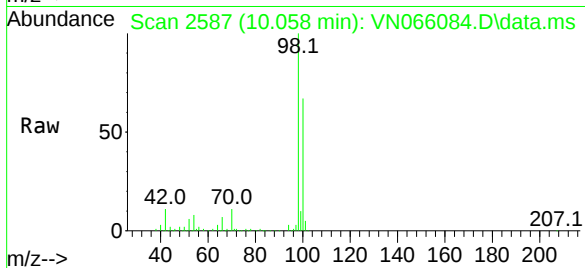




#50
Toluene-d8
Concen: 47.83 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

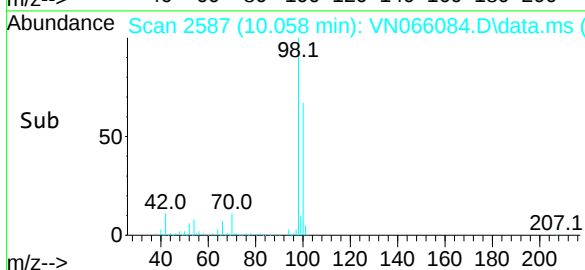
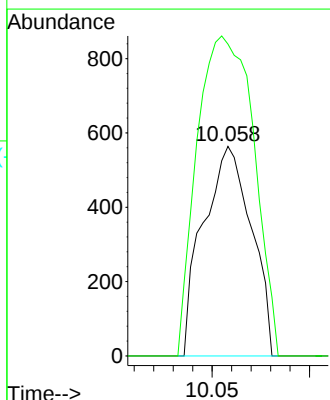
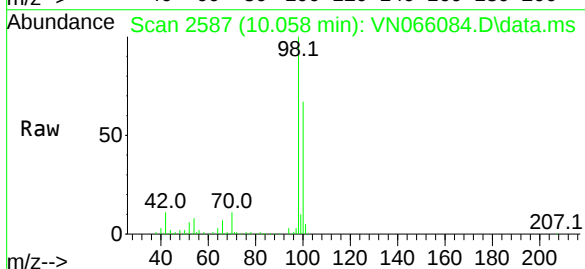
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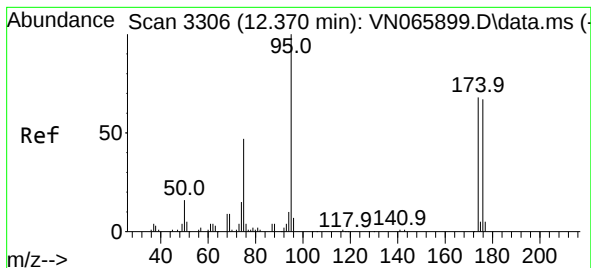
Tgt Ion: 98 Resp: 222797
Ion Ratio Lower Upper
98 100
100 66.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 179.9 32.5 48.7#

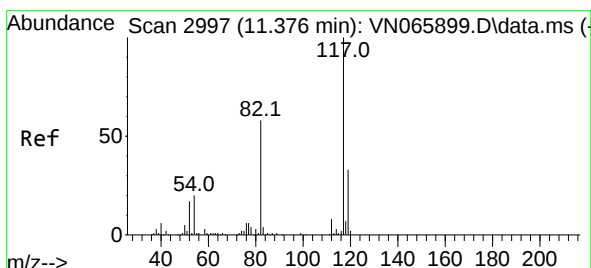
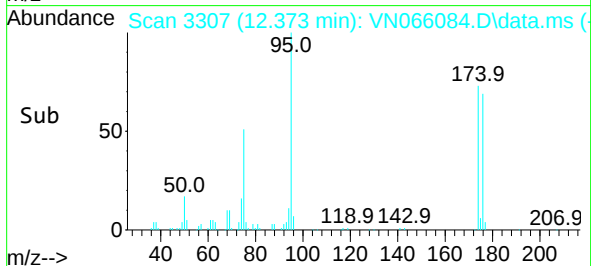
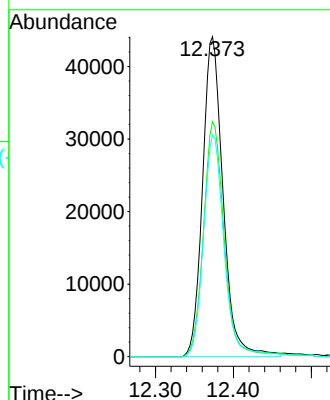
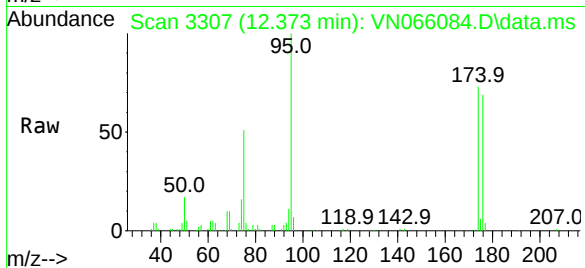




#62
4-Bromofluorobenzene
Concen: 46.00 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

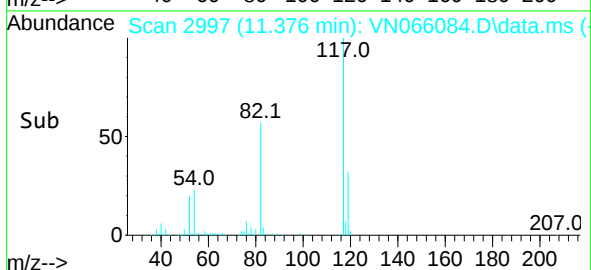
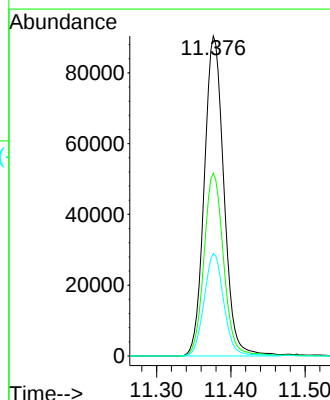
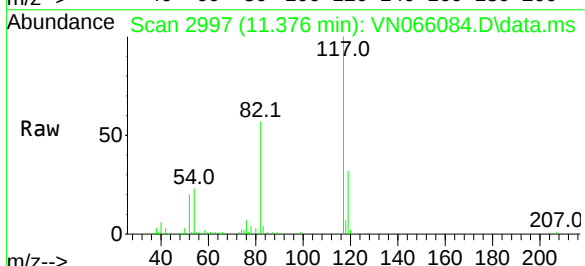
Instrument :
MSVOA_N
ClientSampleId :
41698DL

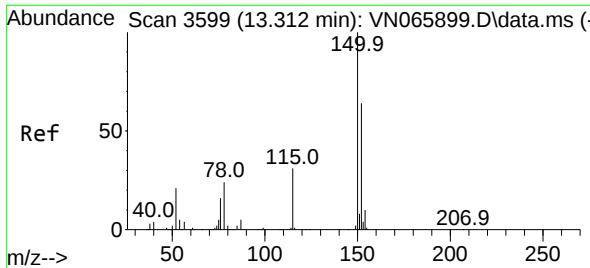
Tgt Ion: 95 Resp: 80431
Ion Ratio Lower Upper
95 100
174 73.4 0.0 169.0
176 69.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Tgt Ion: 117 Resp: 165778
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 32.0 26.1 39.1

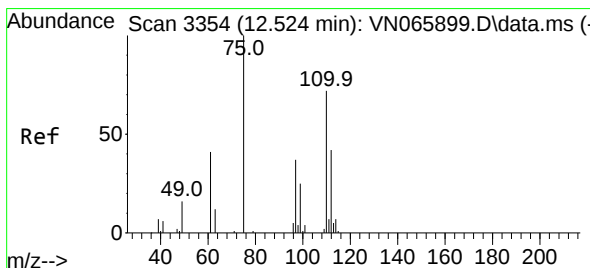
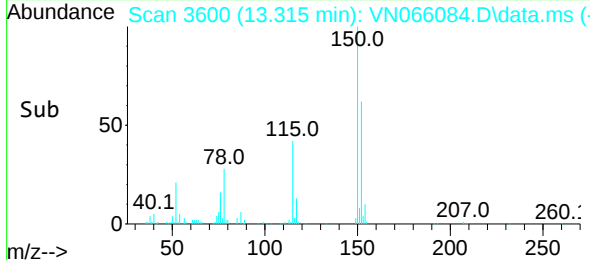
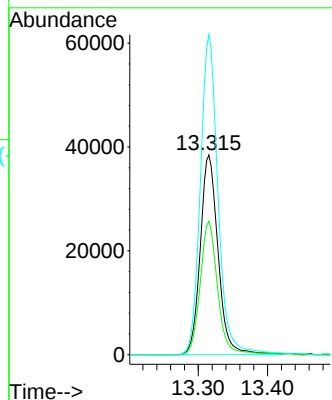
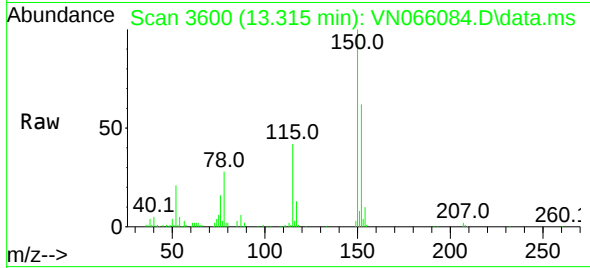




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

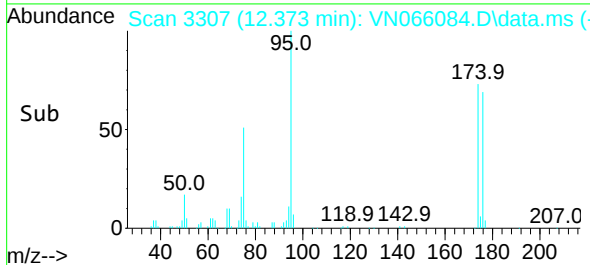
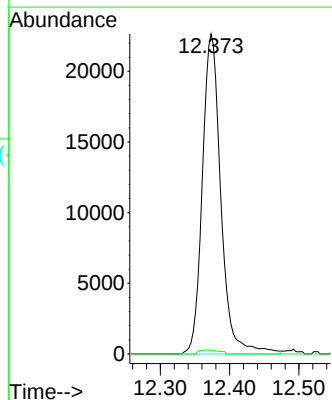
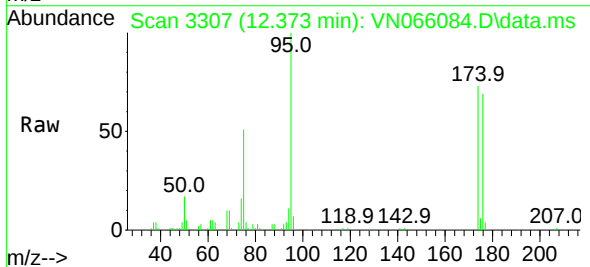
Instrument :
MSVOA_N
ClientSampleId :
41698DL

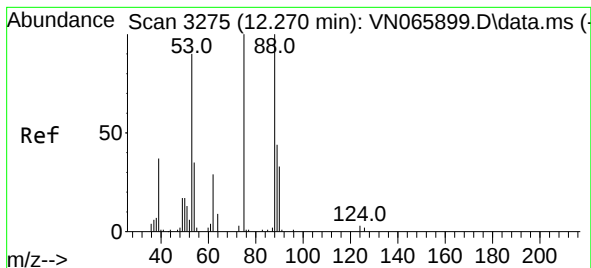
Tgt Ion:152 Resp: 68814
Ion Ratio Lower Upper
152 100
115 65.1 28.5 85.6
150 159.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 25.41 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Tgt Ion: 75 Resp: 42012
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

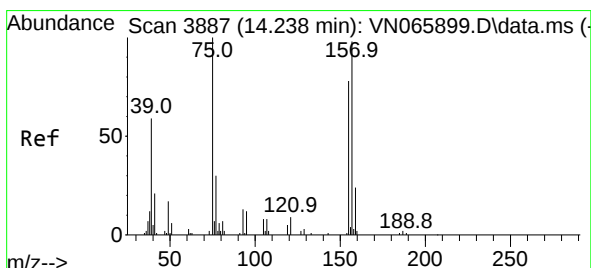
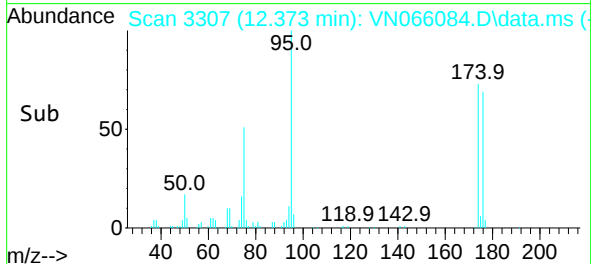
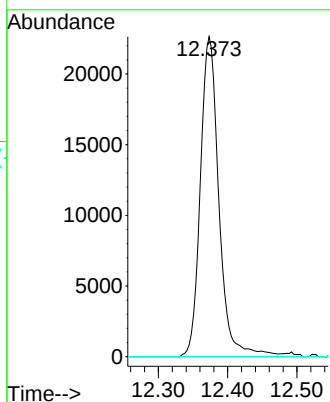
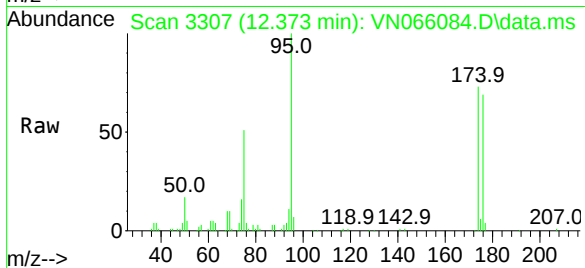




#81
trans-1,4-Dichloro-2-butene
Concen: 80.99 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

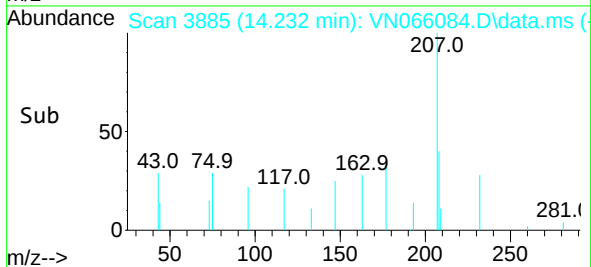
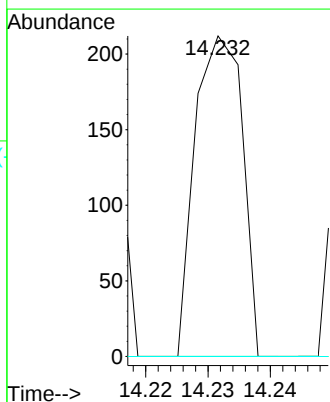
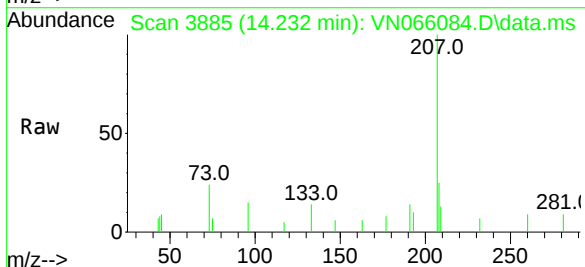
Instrument :
MSVOA_N
ClientSampled :
41698DL

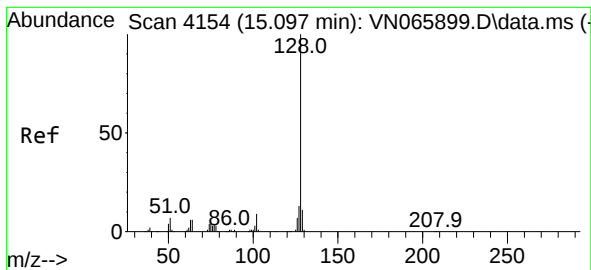
Tgt Ion: 75 Resp: 42012
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.18 ug/l
RT: 14.232 min Scan# 3885
Delta R.T. -0.006 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

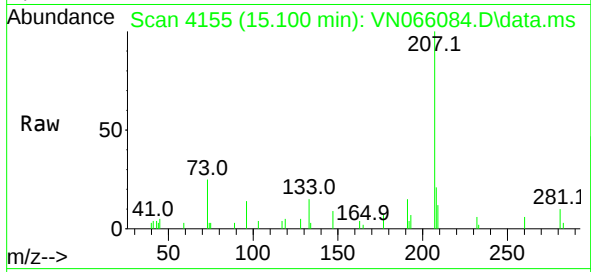
Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.18 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066084.D
Acq: 1 Mar 2021 18:16

Instrument :
MSVOA_N
ClientSampleId :
41698DL



Tgt Ion:128 Resp: 522
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

