

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065097.D
 Acq On : 14 Dec 2020 13:43
 Operator : JC/MD
 Sample : VN1214WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

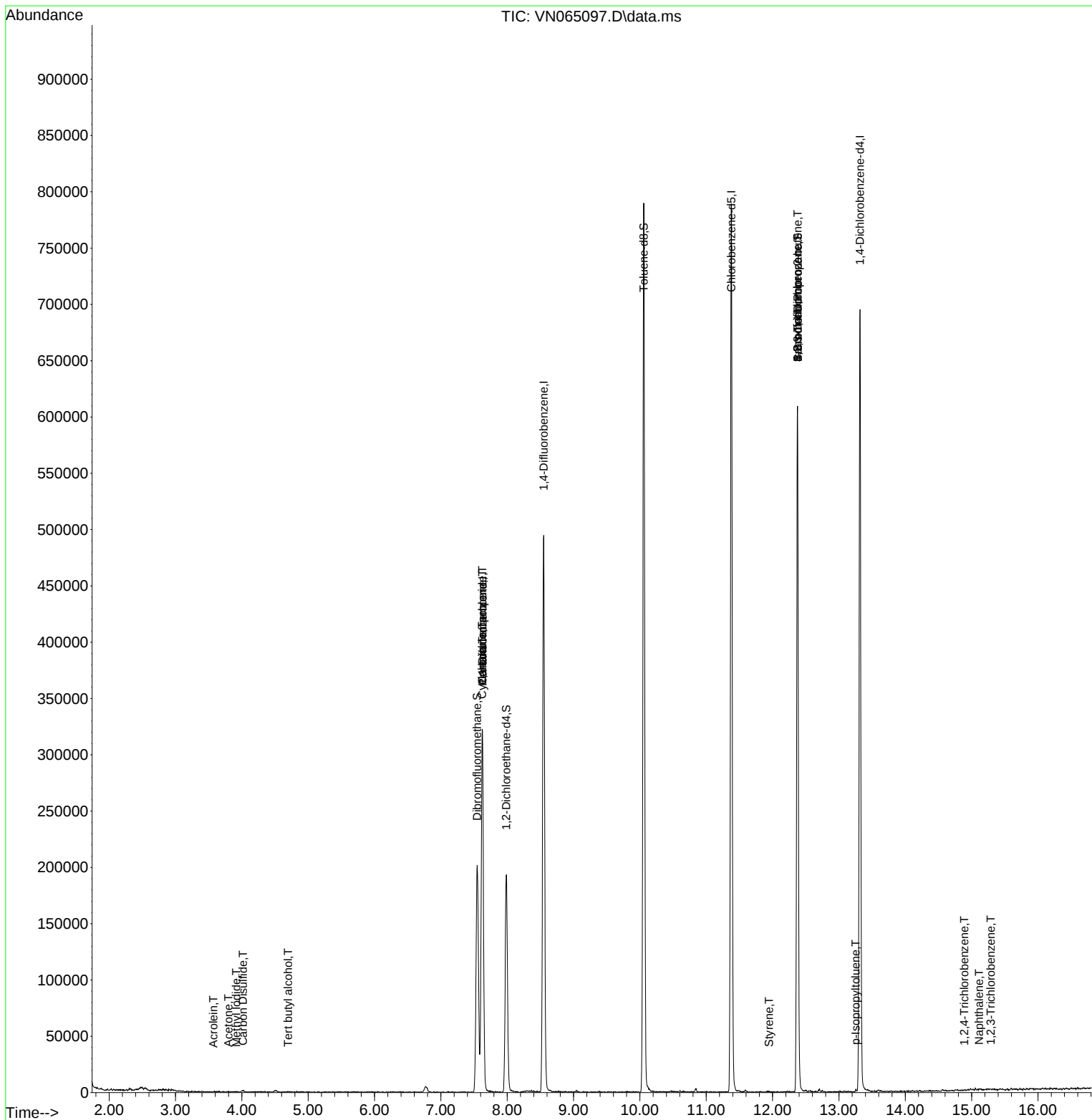
Instrument :
 MSVOA_N
 ClientSampleId :

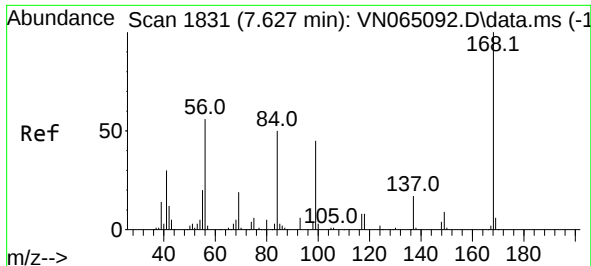
Quant Time: Dec 15 05:47:39 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	273548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	450049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	473002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	199138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	170005	54.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.12%
35) Dibromofluoromethane	7.547	113	155057	49.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.14%
50) Toluene-d8	10.058	98	549937	49.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.42%
62) 4-Bromofluorobenzene	12.376	95	205785	54.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.04%
Target Compounds						
					Qvalue	
3) Chloromethane	2.033	50	454	Below Cal	#	62
5) Bromomethane	2.557	94	499	Below Cal	#	30
10) Methyl Iodide	3.917	142	249	4.00	ug/l #	40
11) Tert butyl alcohol	4.695	59	206	0.61	ug/l #	73
13) Acrolein	3.570	56	150	0.98	ug/l #	14
16) Acetone	3.798	43	266	0.23	ug/l #	43
17) Carbon Disulfide	4.017	76	1898	0.27	ug/l #	73
20) Methylene Chloride	4.505	84	436	Below Cal	#	54
31) Cyclohexane	7.621	56	5185	1.21	ug/l #	31
36) 1,1-Dichloropropene	7.624	75	18368	4.27	ug/l #	48
38) Carbon Tetrachloride	7.624	117	23997	4.84	ug/l #	17
70) Styrene	11.945	104	220	1.40	ug/l #	58
71) Bromoform	12.376	173	783	0.26	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	101633	28.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	101633	79.14	ug/l #	15
86) p-Isopropyltoluene	13.254	119	784	1.13	ug/l #	64
93) 1,2,4-Trichlorobenzene	14.887	180	61	3.74	ug/l #	1
95) Naphthalene	15.113	128	799	4.29	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.289	180	281	4.09	ug/l #	59

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

Quant Time: Dec 15 05:47:39 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration

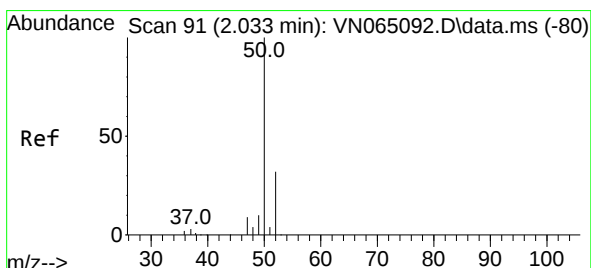
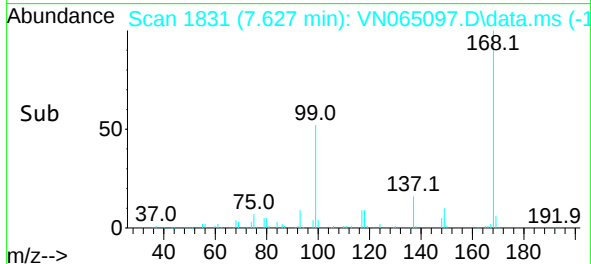
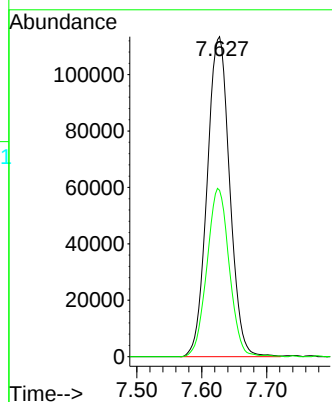
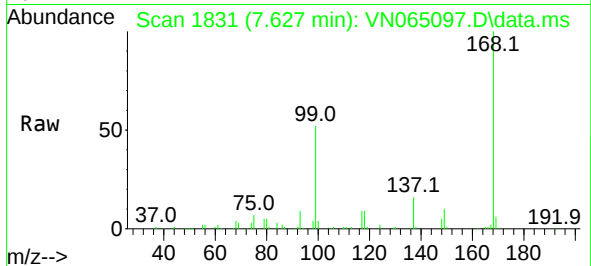




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

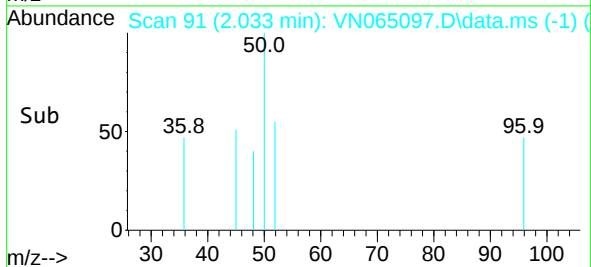
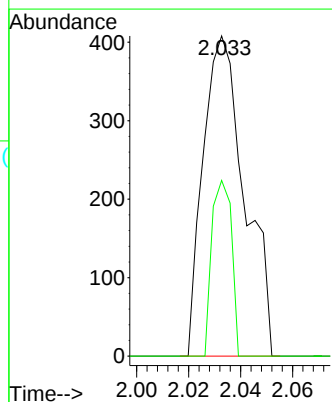
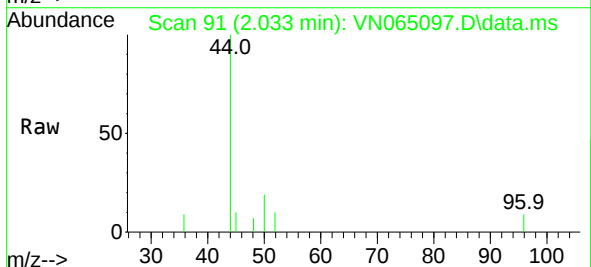
Instrument :
MSVOA_N
ClientSampled :

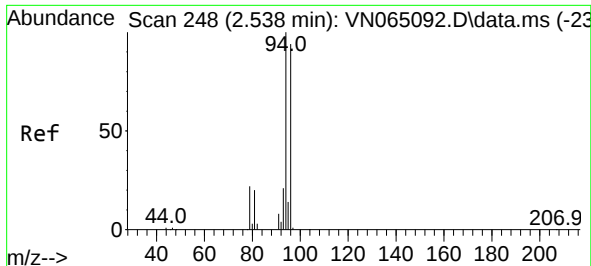
Tgt Ion:168 Resp: 273548
Ion Ratio Lower Upper
168 100
99 52.0 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.033 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Tgt Ion: 50 Resp: 454
Ion Ratio Lower Upper
50 100
52 54.9 26.6 39.8#

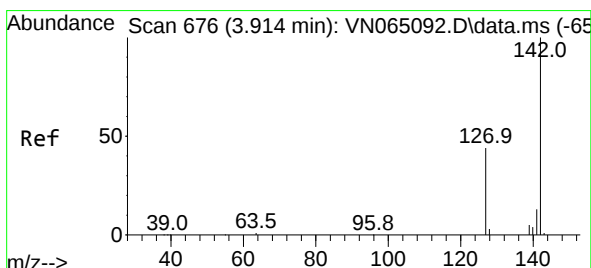
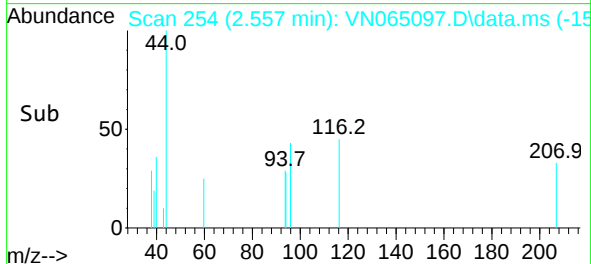
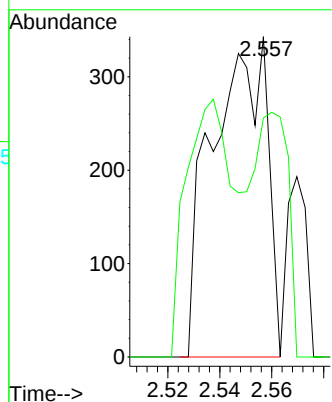
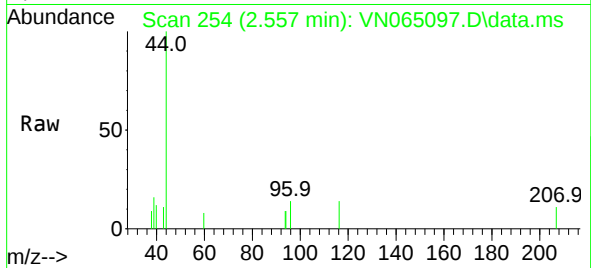




#5
Bromomethane
Concen: Below Cal
RT: 2.557 min Scan# 254
Delta R.T. 0.019 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

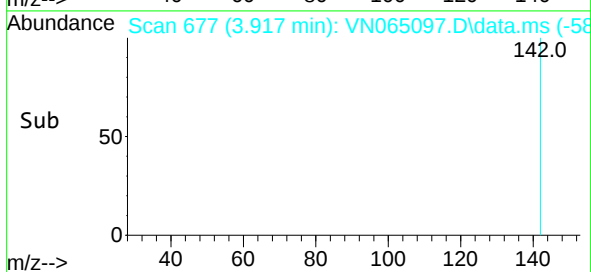
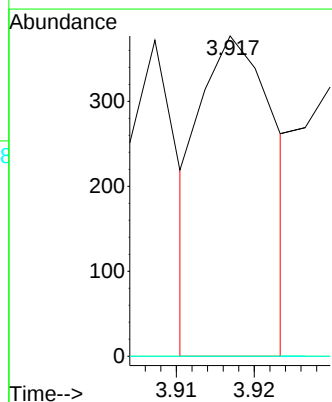
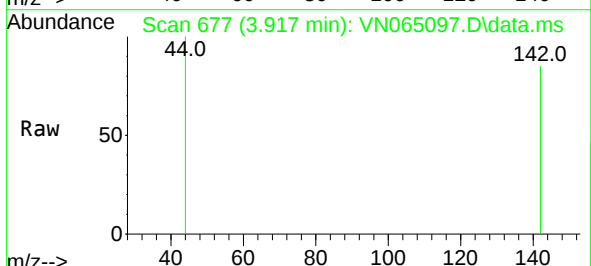
Instrument :
MSVOA_N
ClientSampled :

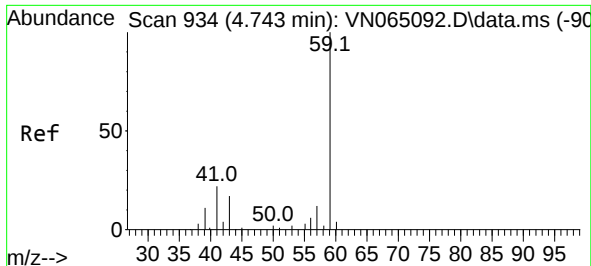
Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 26.2 75.4 113.0#



#10
Methyl Iodide
Concen: 4.00 ug/l
RT: 3.917 min Scan# 677
Delta R.T. 0.003 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Tgt Ion: 142 Resp: 249
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.6#
141 0.0 11.8 17.6#



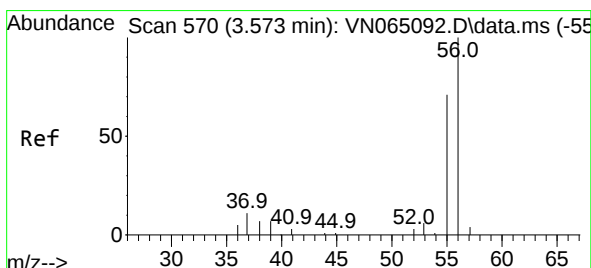
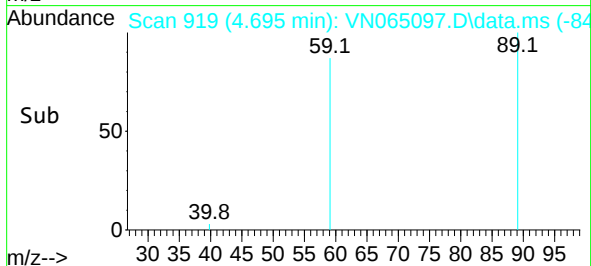
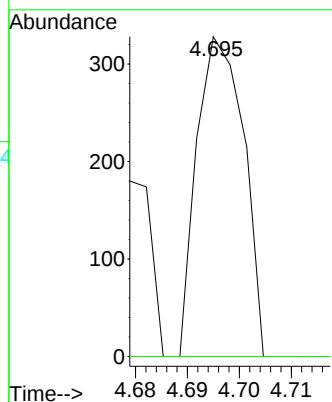
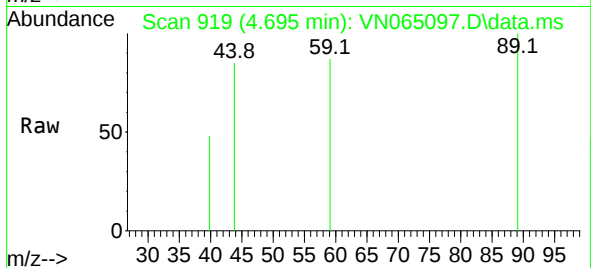


#11

Tert butyl alcohol
Concen: 0.61 ug/l
RT: 4.695 min Scan# 919
Delta R.T. -0.048 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Instrument :
MSVOA_N
ClientSampled :

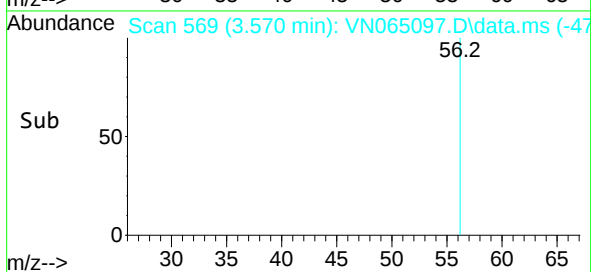
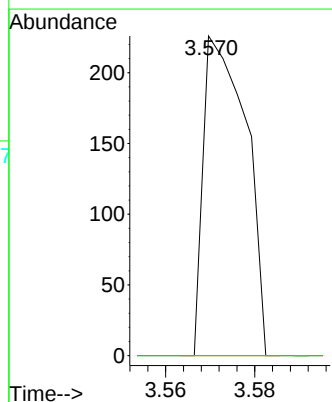
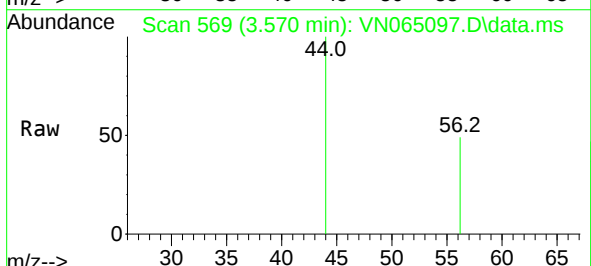
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

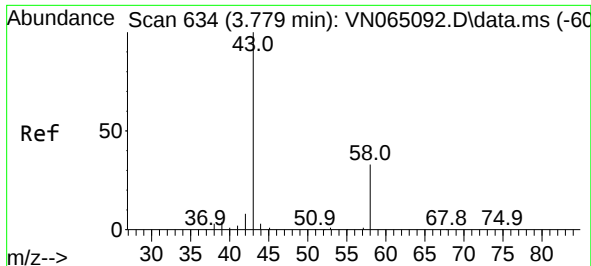


#13

Acrolein
Concen: 0.98 ug/l
RT: 3.570 min Scan# 569
Delta R.T. -0.003 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Tgt Ion: 56 Resp: 150
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#

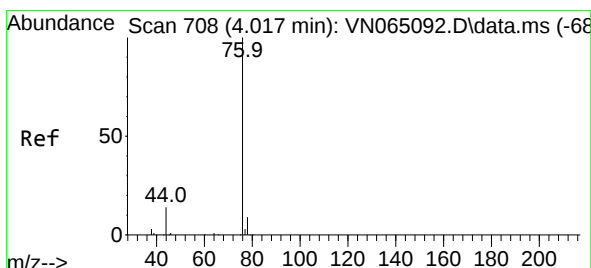
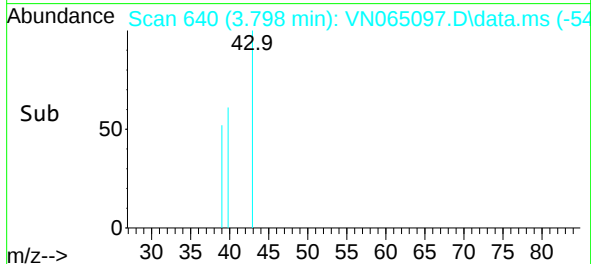
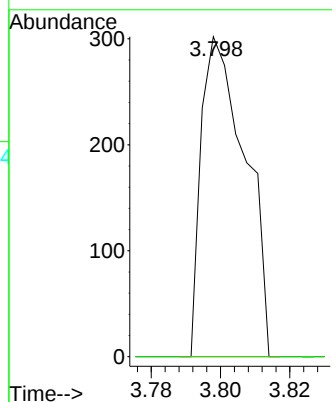
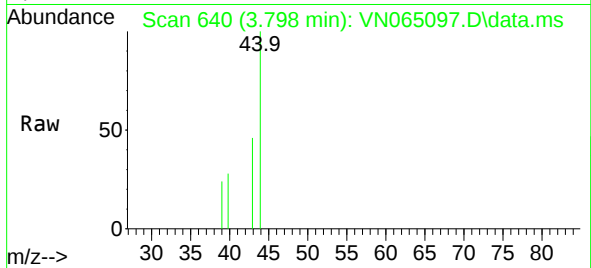




#16
Acetone
Concen: 0.23 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.019 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

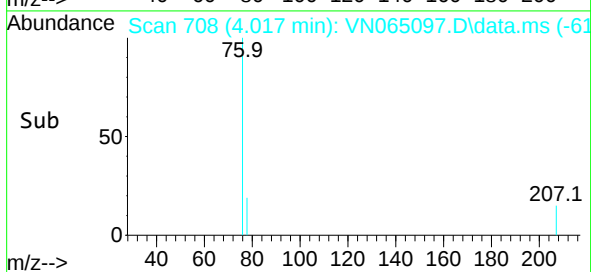
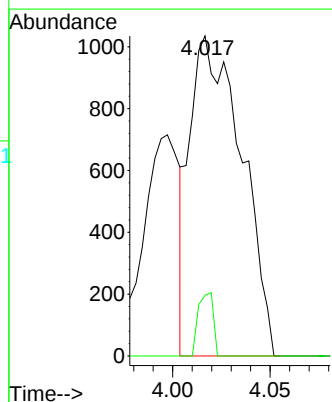
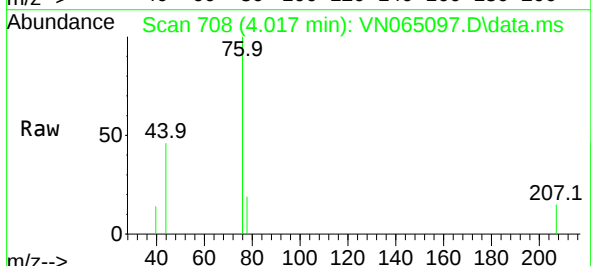
Instrument :
MSVOA_N
ClientSampled :

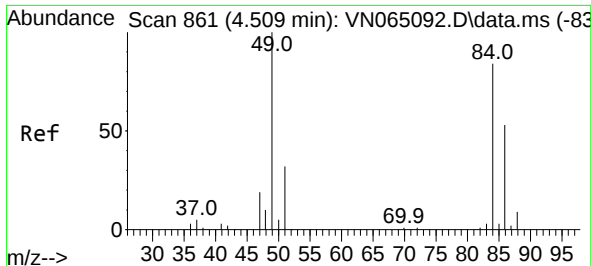
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 4.017 min Scan# 708
Delta R.T. -0.000 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

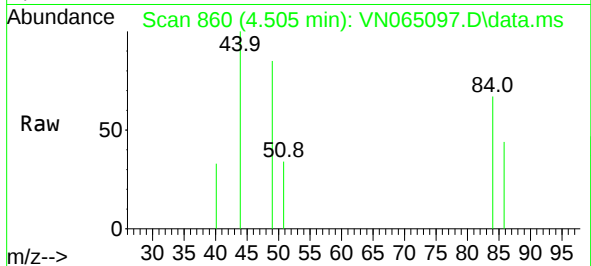
Tgt Ion: 76 Resp: 1898
Ion Ratio Lower Upper
76 100
78 18.9 7.4 11.0#





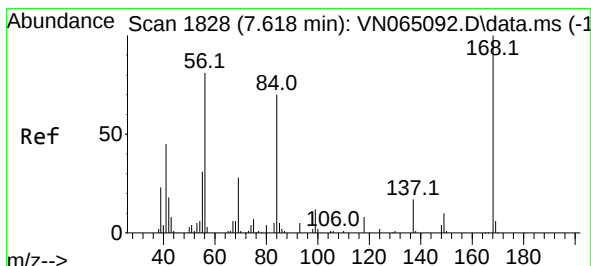
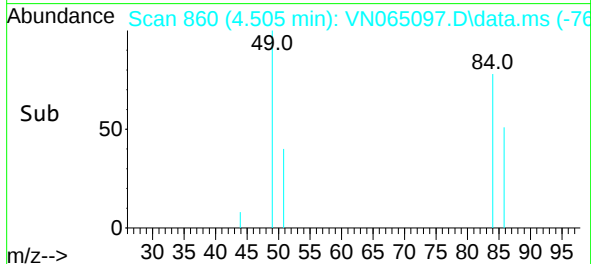
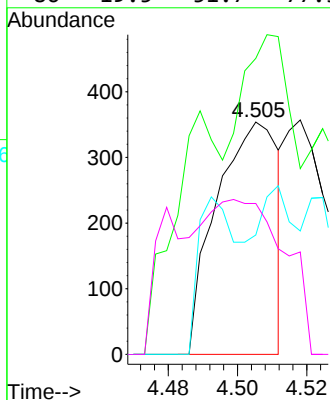
#20
Methylene Chloride
Concen: Below Cal
RT: 4.505 min Scan# 860
Delta R.T. -0.004 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Instrument :
MSVOA_N
ClientSampled :

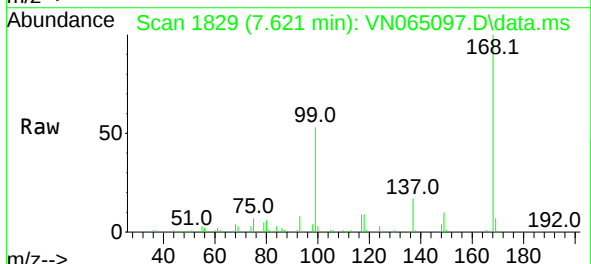


Tgt Ion: 84 Resp: 436

Ion	Ratio	Lower	Upper
84	100		
49	67.5	93.4	140.0#
51	51.4	28.2	42.4#
86	19.5	51.7	77.5#

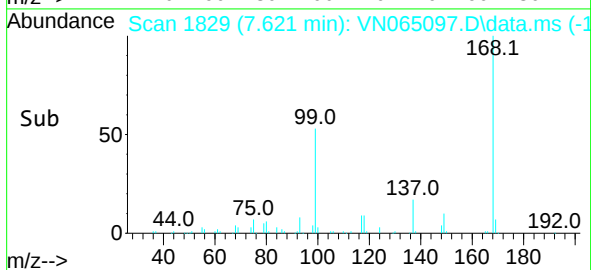
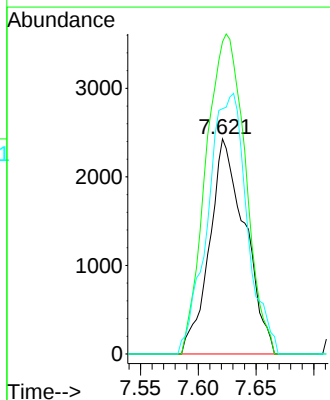


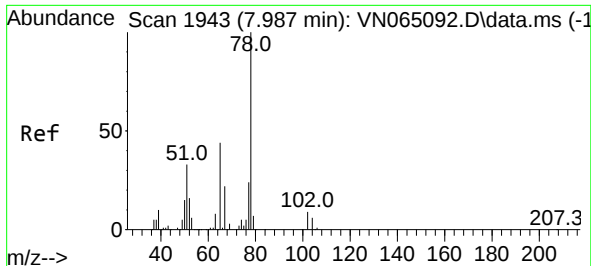
#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.003 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43



Tgt Ion: 56 Resp: 5185

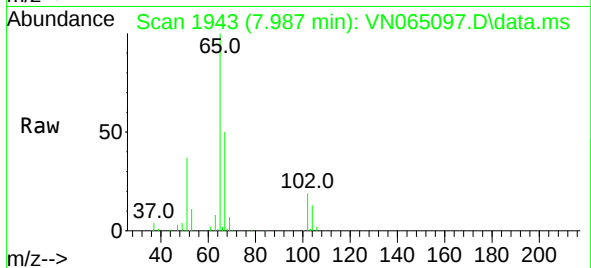
Ion	Ratio	Lower	Upper
56	100		
69	145.1	27.5	41.3#
84	114.1	73.9	110.9#



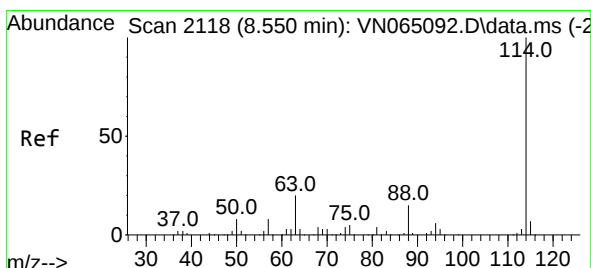
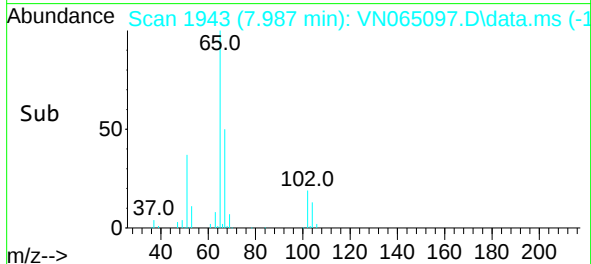
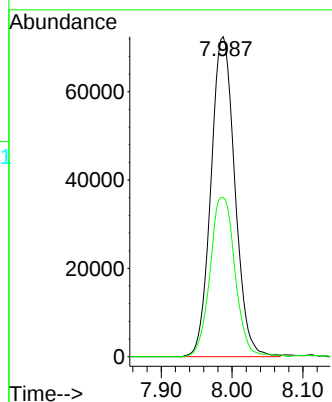


#33
1,2-Dichloroethane-d4
Concen: 54.06 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Instrument :
MSVOA_N
ClientSampled :

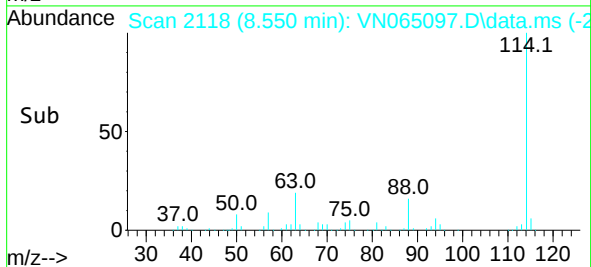
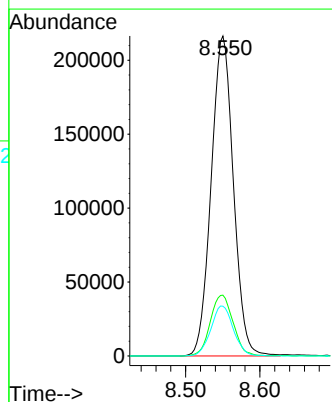
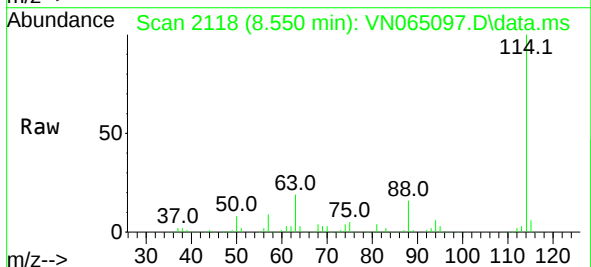


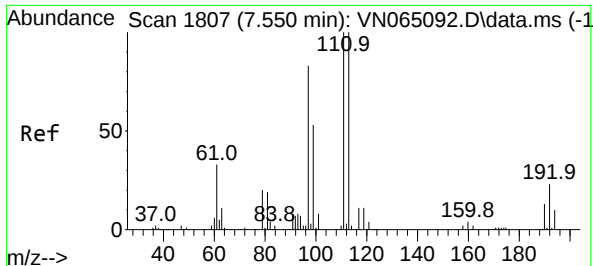
Tgt Ion: 65 Resp: 170005
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Tgt Ion: 114 Resp: 450049
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.5 0.0 32.6

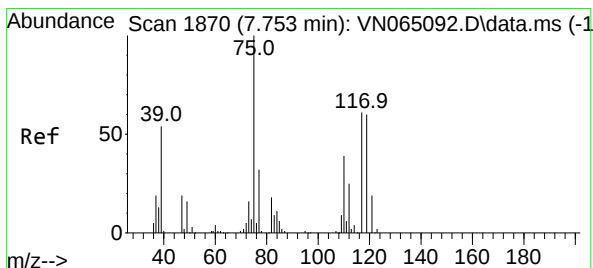
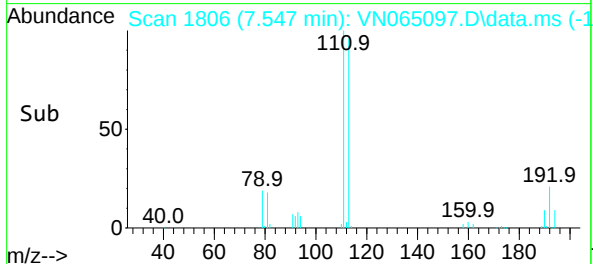
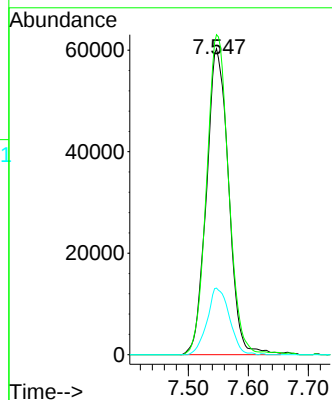
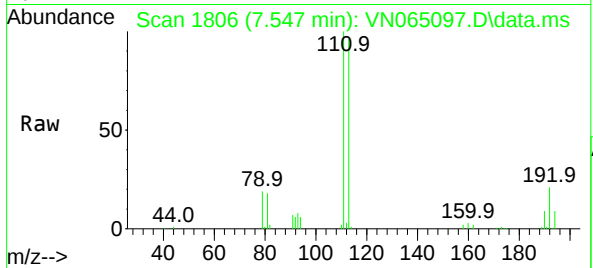




#35
Dibromofluoromethane
Concen: 49.57 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

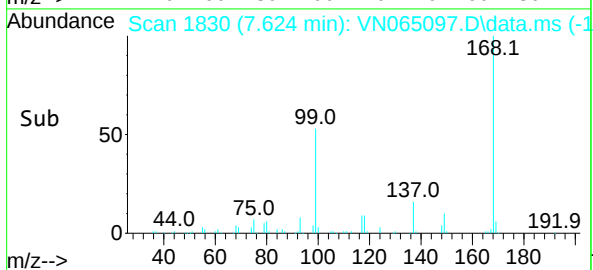
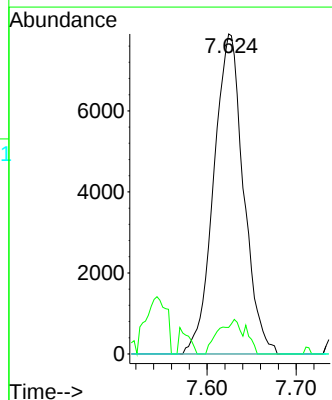
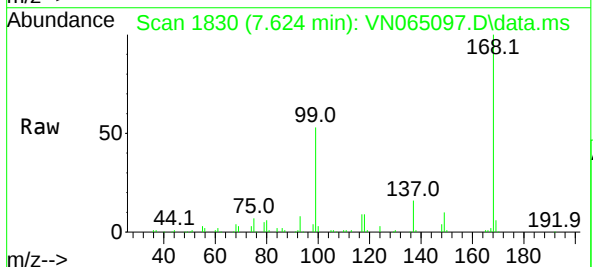
Instrument :
MSVOA_N
ClientSampled :

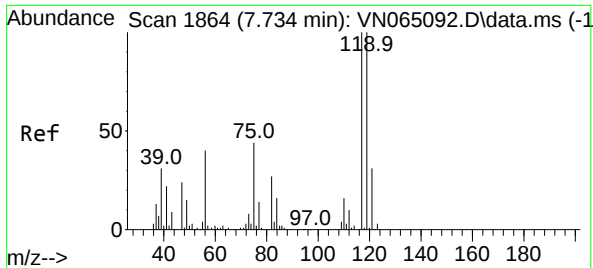
Tgt Ion:113 Resp: 155057
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 21.8 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

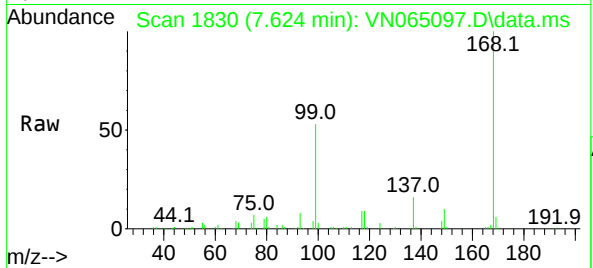
Tgt Ion: 75 Resp: 18368
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.3#
77 0.0 25.0 37.4#



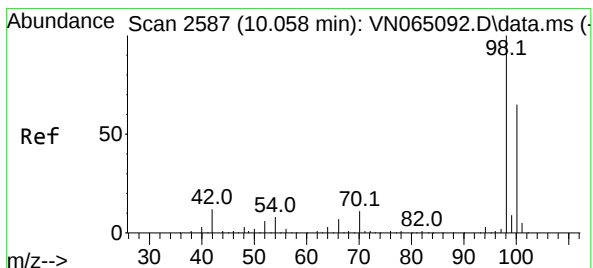
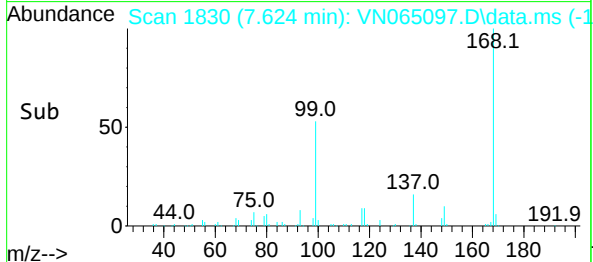
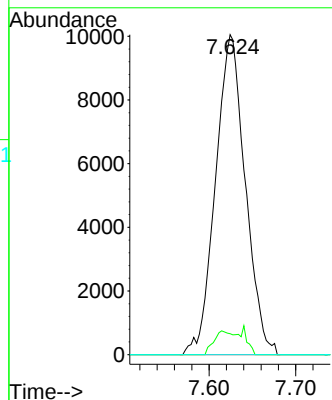


#38
Carbon Tetrachloride
Concen: 4.84 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Instrument :
MSVOA_N
ClientSampled :

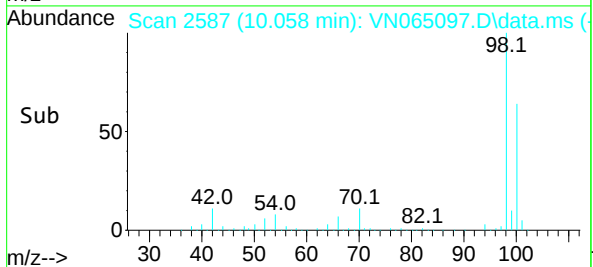
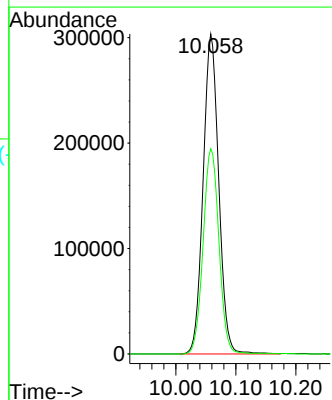
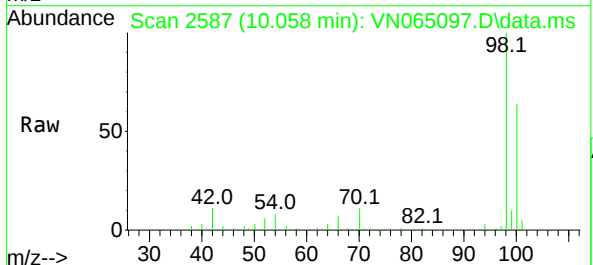


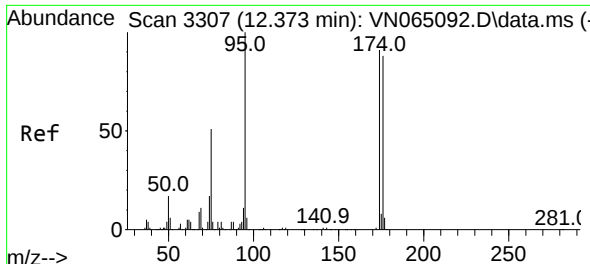
Tgt Ion:117 Resp: 23997
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 49.71 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

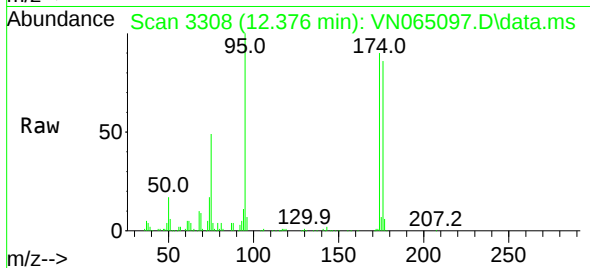
Tgt Ion: 98 Resp: 549937
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



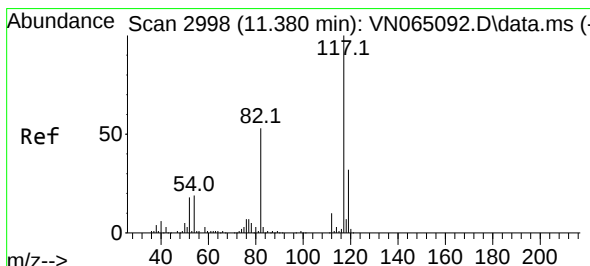
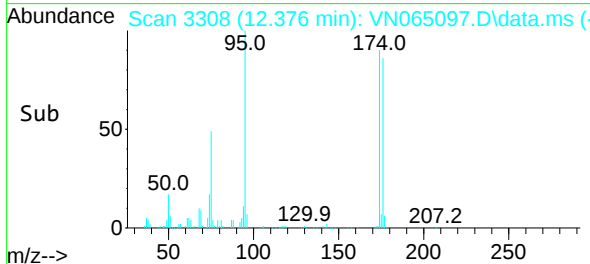
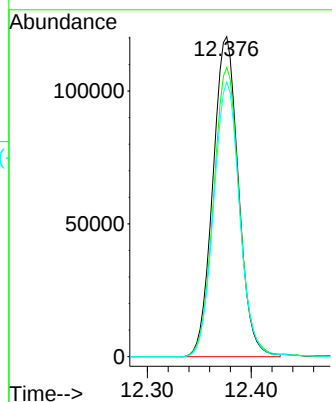


#62
4-Bromofluorobenzene
Concen: 54.02 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :

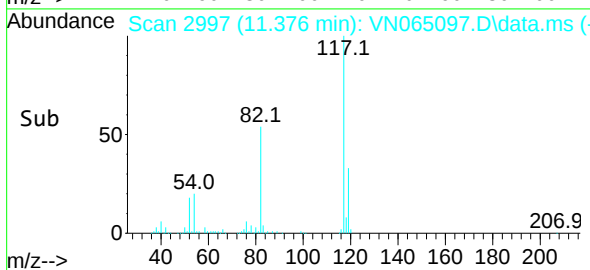
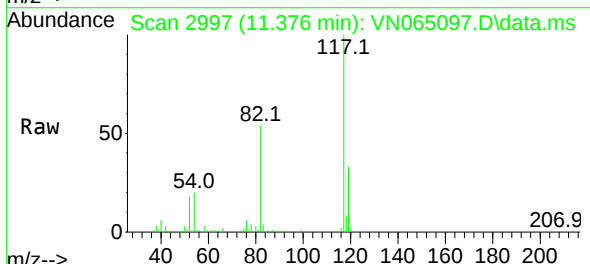
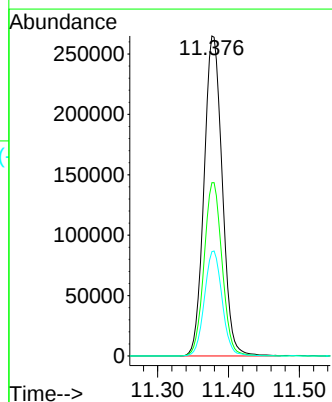


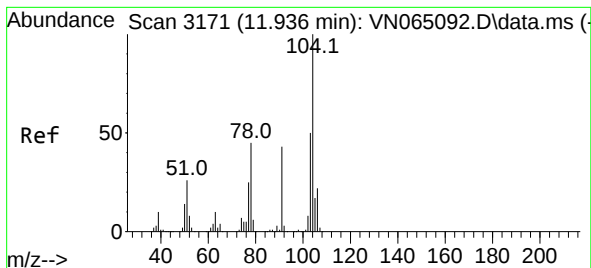
Tgt Ion: 95 Resp: 205785
Ion Ratio Lower Upper
95 100
174 91.7 0.0 160.4
176 86.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. -0.004 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Tgt Ion: 117 Resp: 473002
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.6 25.8 38.6





#70

Styrene

Concen: 1.40 ug/l

RT: 11.945 min Scan# 3174

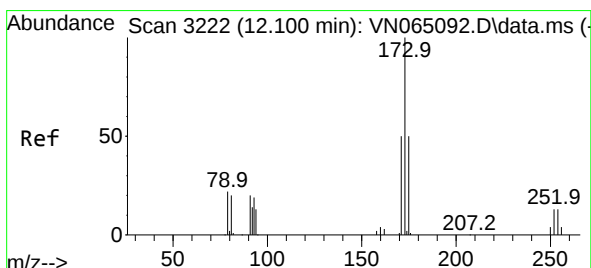
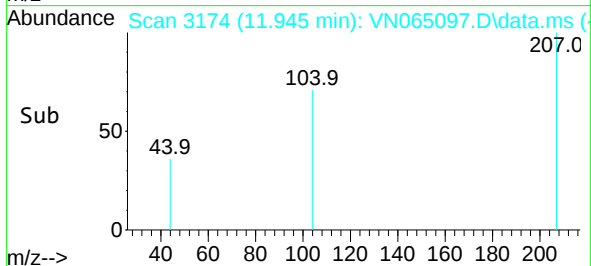
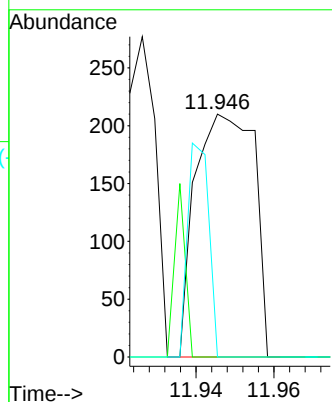
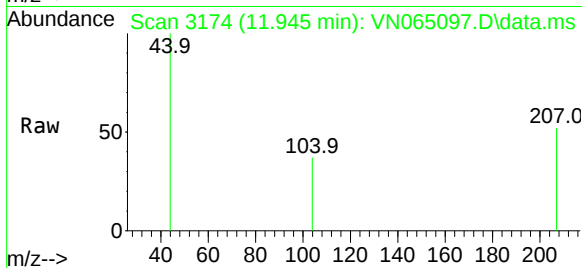
Delta R.T. 0.009 min

Lab File: VN065097.D

Acq: 14 Dec 2020 13:43

Tgt Ion:	104	Resp:	220
Ion	Ratio	Lower	Upper
104	100		
78	13.2	39.0	58.6#
103	31.4	44.3	66.5#

Instrument :
MSVOA_N
ClientSampled :



#71

Bromoform

Concen: 0.26 ug/l

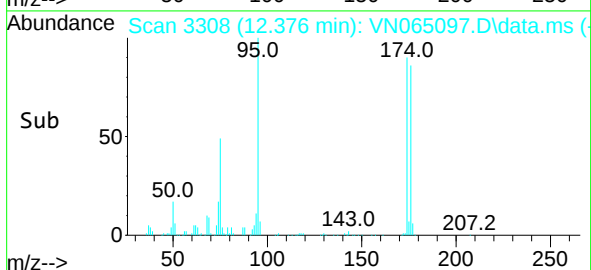
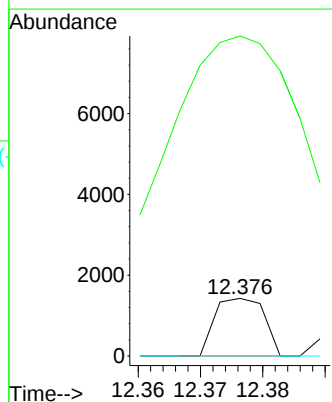
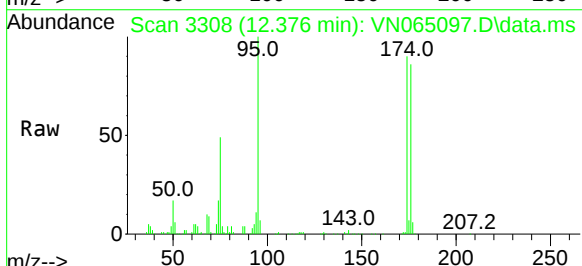
RT: 12.376 min Scan# 3308

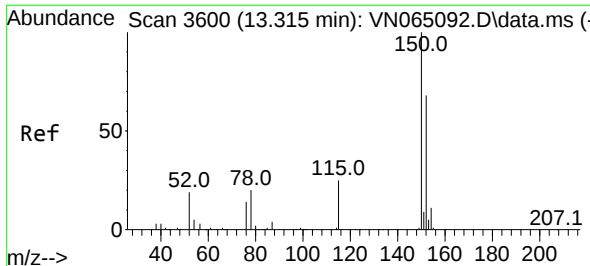
Delta R.T. 0.276 min

Lab File: VN065097.D

Acq: 14 Dec 2020 13:43

Tgt Ion:	173	Resp:	783
Ion	Ratio	Lower	Upper
173	100		
175	1548.0	24.3	72.8#
254	0.0	0.0	0.0

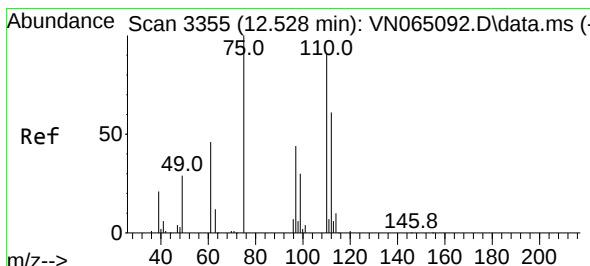
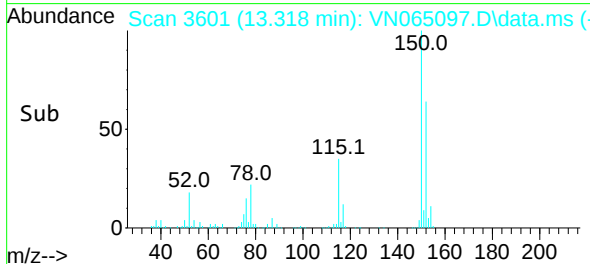
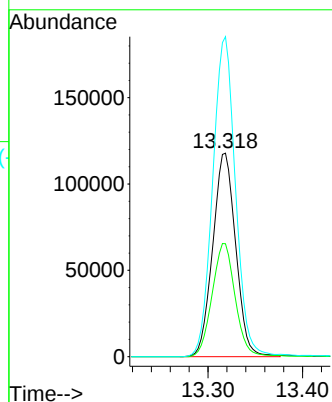
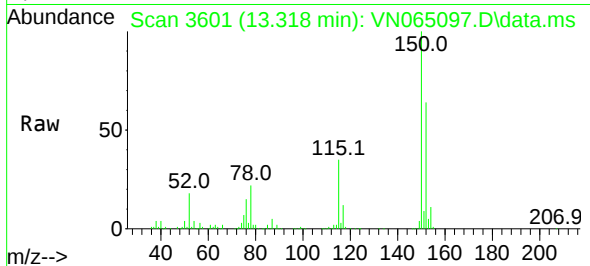




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

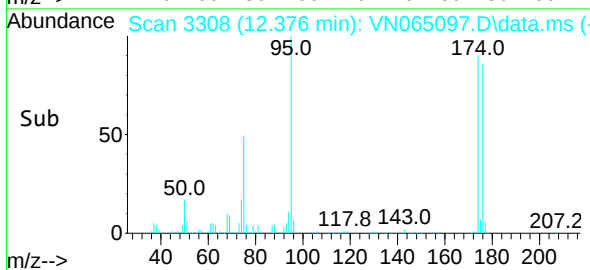
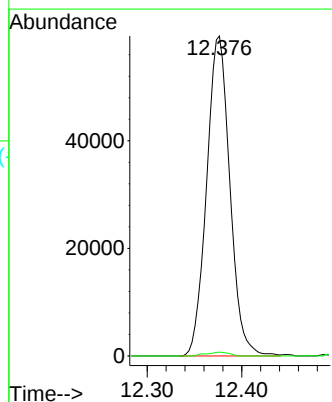
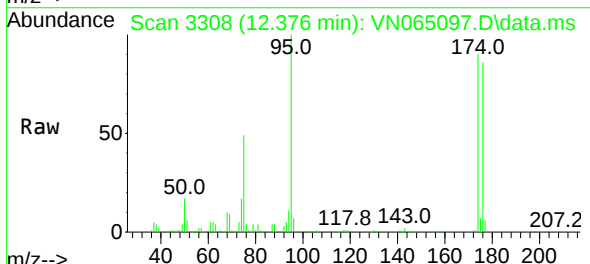
Instrument :
MSVOA_N
ClientSampled :

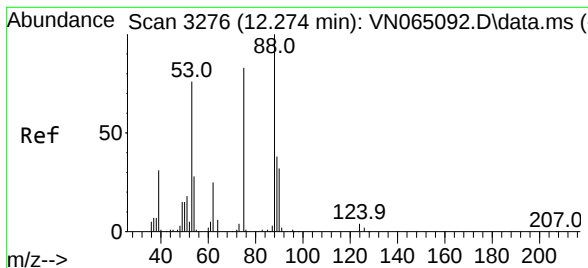
Tgt Ion:152 Resp: 199138
Ion Ratio Lower Upper
152 100
115 56.1 29.7 89.1
150 156.4 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 28.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

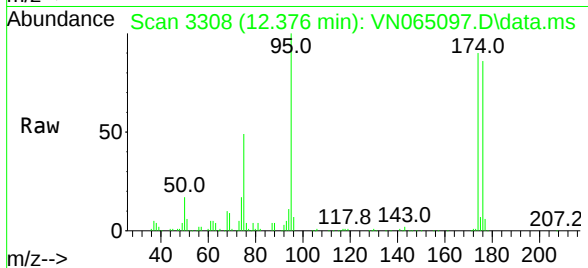
Tgt Ion: 75 Resp: 101633
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



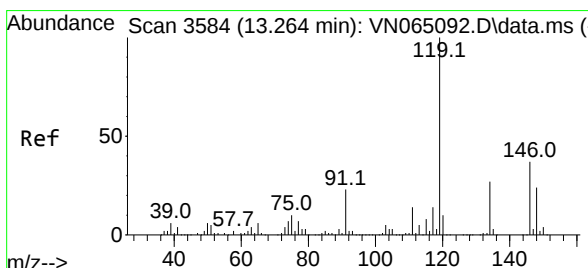
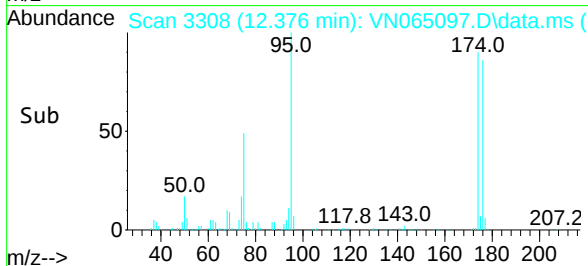
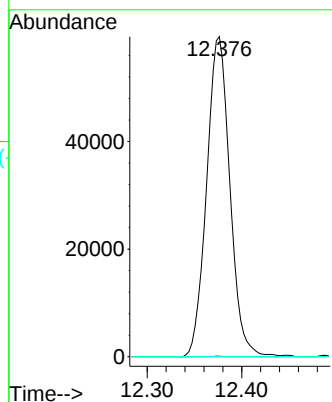


#81
trans-1,4-Dichloro-2-butene
Concen: 79.14 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Instrument :
MSVOA_N
ClientSampled :

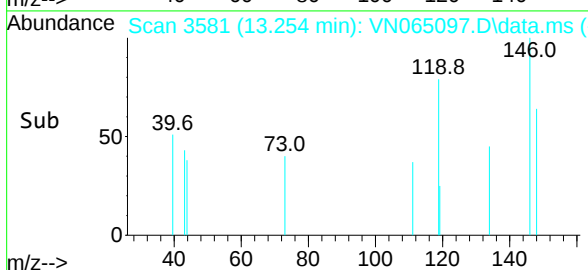
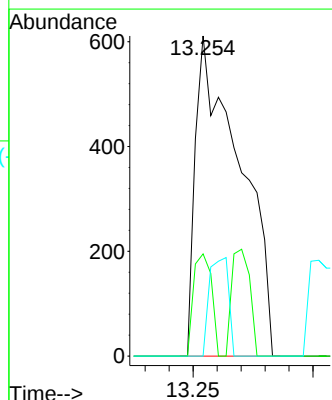
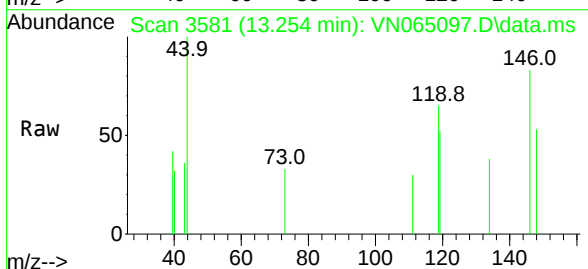


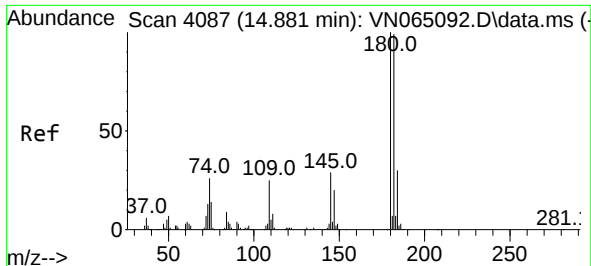
Tgt Ion: 75 Resp: 101633
Ion Ratio Lower Upper
75 100
53 0.1 67.0 100.4#
89 0.0 39.6 59.4#



#86
p-Isopropyltoluene
Concen: 1.13 ug/l
RT: 13.254 min Scan# 3581
Delta R.T. -0.010 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

Tgt Ion: 119 Resp: 784
Ion Ratio Lower Upper
119 100
134 13.0 13.1 39.1#
91 0.0 11.5 34.5#

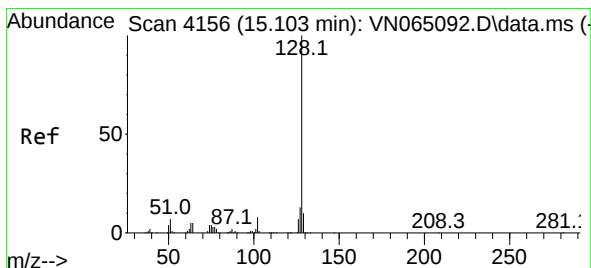
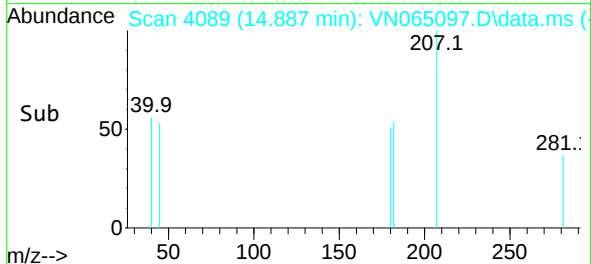
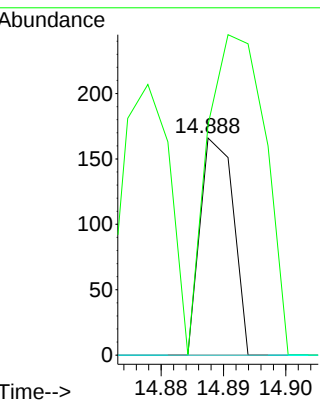
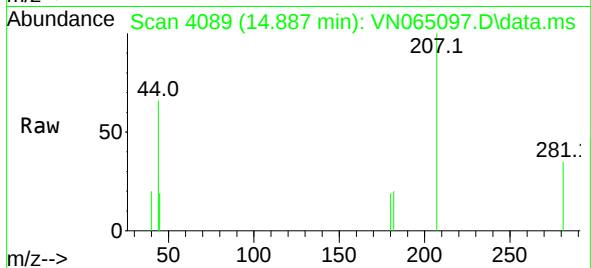




#93
1,2,4-Trichlorobenzene
Concen: 3.74 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

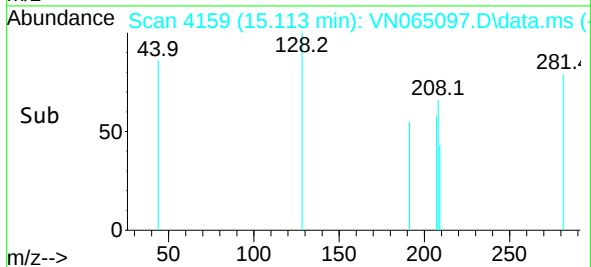
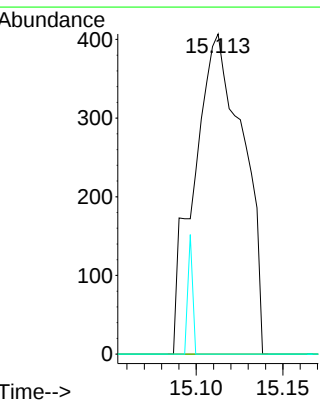
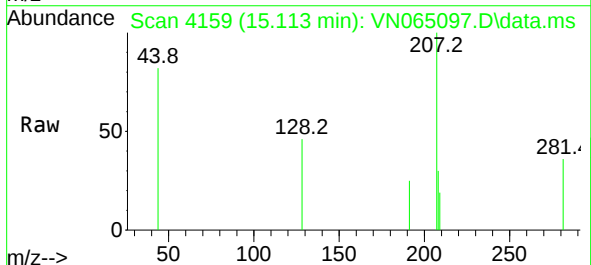
Instrument :
MSVOA_N
ClientSampled :

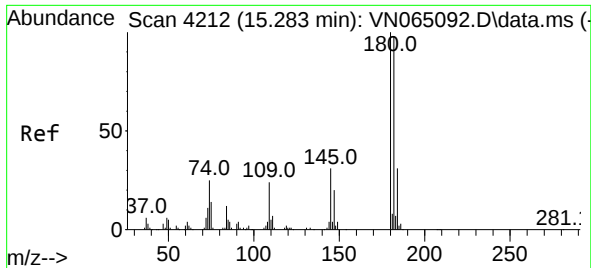
Tgt Ion:180 Resp: 61
Ion Ratio Lower Upper
180 100
182 259.0 47.6 142.9#
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 4.29 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.010 min
Lab File: VN065097.D
Acq: 14 Dec 2020 13:43

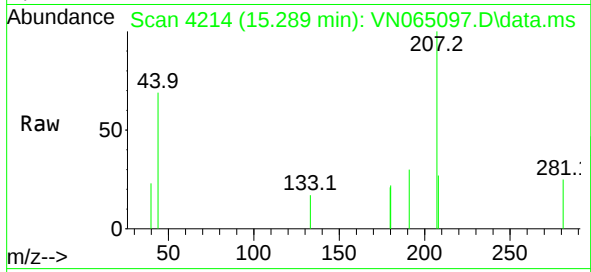
Tgt Ion:128 Resp: 799
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 3.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.09 ug/l
 RT: 15.289 min Scan# 4214
 Delta R.T. 0.006 min
 Lab File: VN065097.D
 Acq: 14 Dec 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	281
Ion	Ratio	Lower	Upper
180	100		
182	55.5	48.1	144.4
145	10.3	16.4	49.1#

