

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010421\
 Data File : VN065369.D
 Acq On : 4 Jan 2021 11:11
 Operator : JC/MD
 Sample : VN0104WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBL01

Quant Time: Jan 05 00:55:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

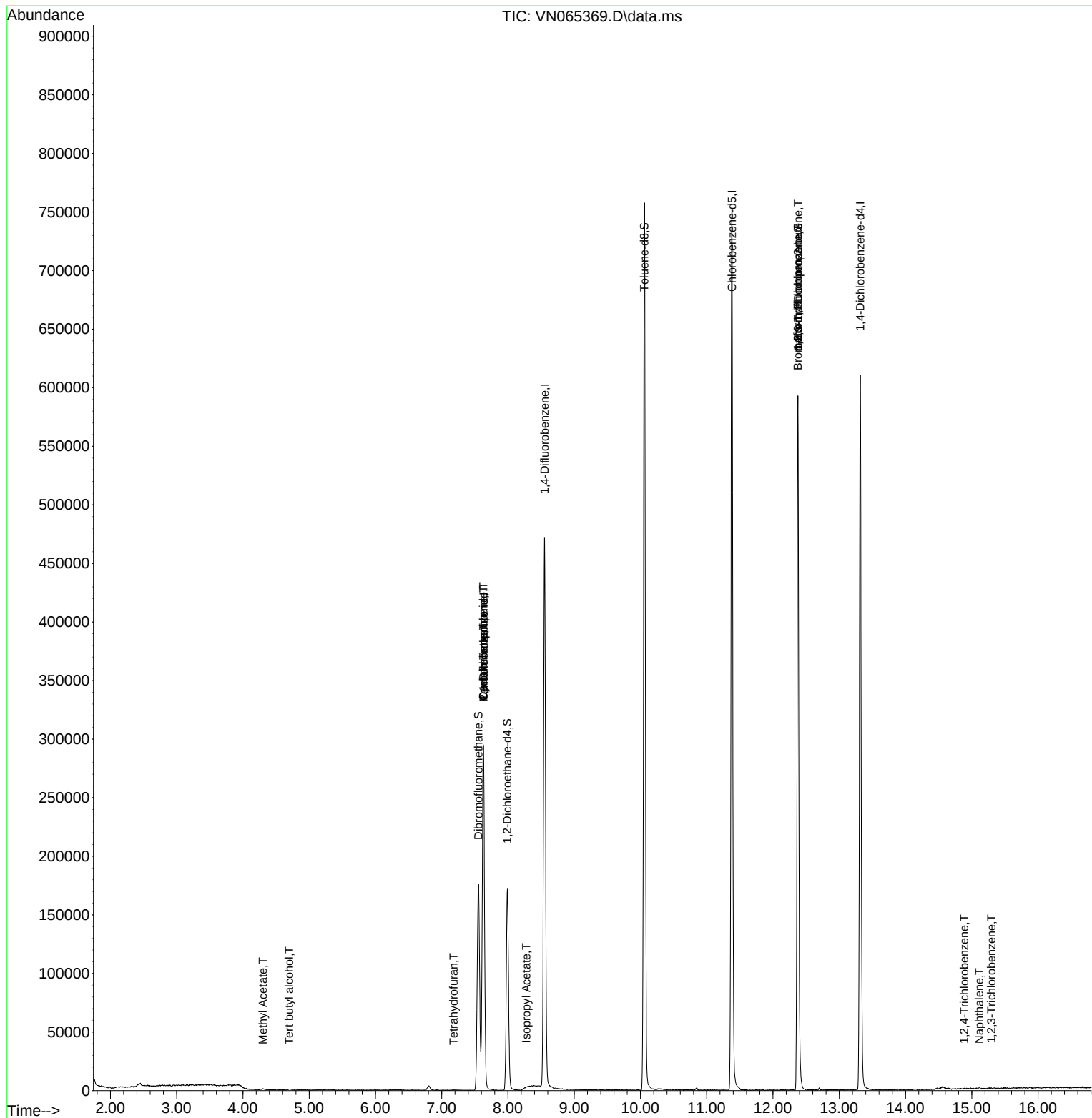
Internal Standards						
1) Pentafluorobenzene	7.631	168	269068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	453068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	478471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	192856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	150366	49.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.00%		
35) Dibromofluoromethane	7.553	113	138711	50.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.50%		
50) Toluene-d8	10.058	98	561095	54.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.54%		
62) 4-Bromofluorobenzene	12.376	95	212184	52.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.26%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.698	59	225	0.45	ug/l #	73
16) Acetone	3.785	43	190	Below Cal	#	43
18) Methyl Acetate	4.303	43	1420	0.52	ug/l #	59
29) Tetrahydrofuran	7.180	42	764	0.69	ug/l #	32
31) Cyclohexane	7.627	56	4344	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16771	4.07	ug/l #	49
38) Carbon Tetrachloride	7.627	117	22400	5.18	ug/l #	15
43) Isopropyl Acetate	8.277	43	2933	0.42	ug/l #	59
71) Bromoform	12.373	173	1472	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	102364	26.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	102364	65.60	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.884	180	66	2.85	ug/l #	12
95) Naphthalene	15.113	128	552	3.42	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.296	180	323	3.31	ug/l #	19

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

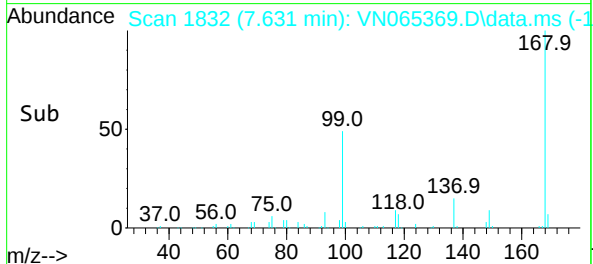
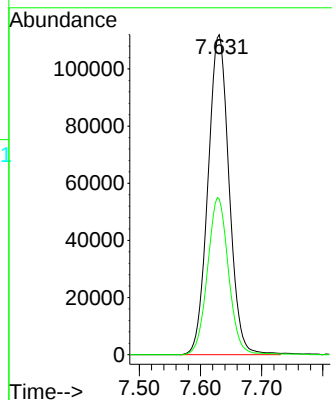
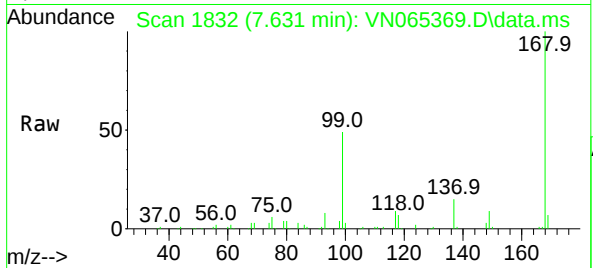




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

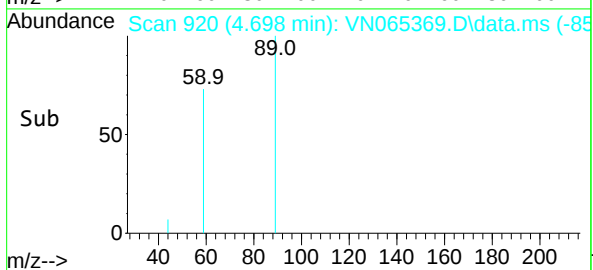
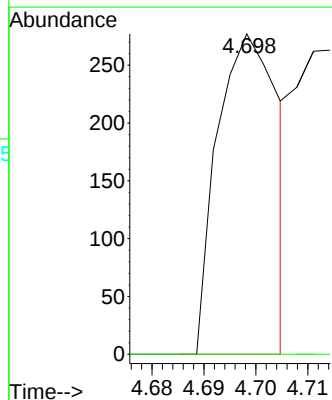
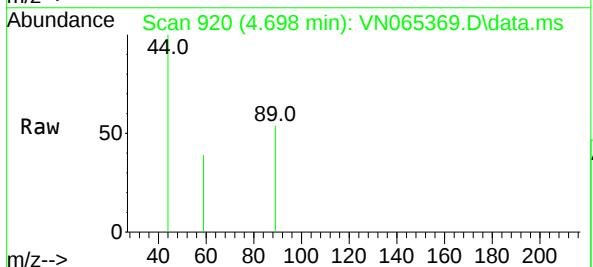
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

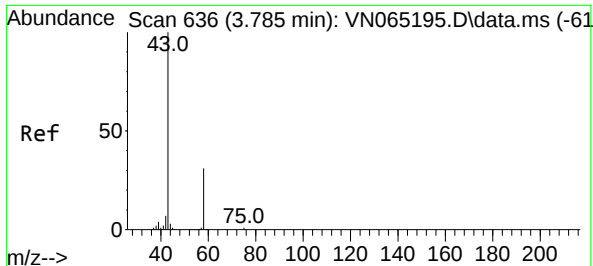
Tgt Ion:168 Resp: 269068
Ion Ratio Lower Upper
168 100
99 48.6 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.45 ug/l
RT: 4.698 min Scan# 920
Delta R.T. -0.074 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

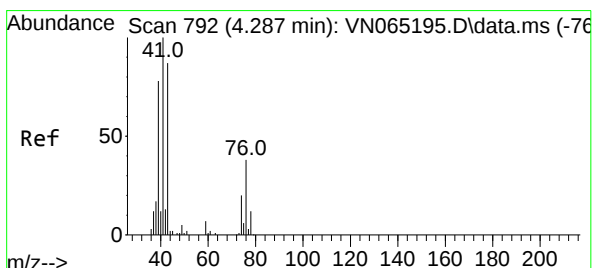
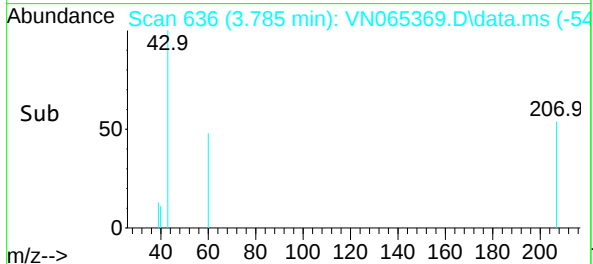
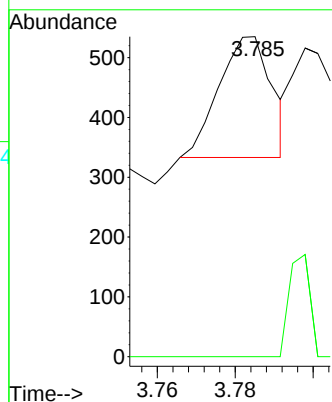
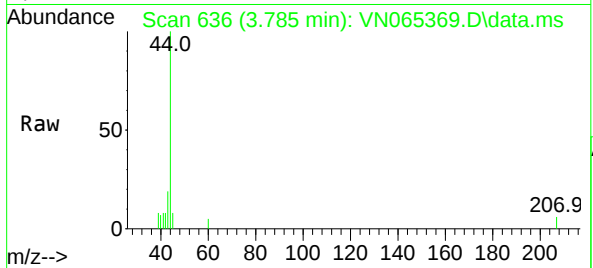




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

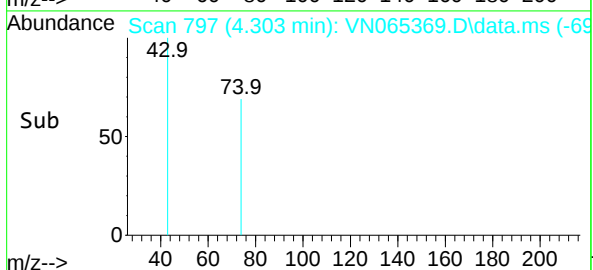
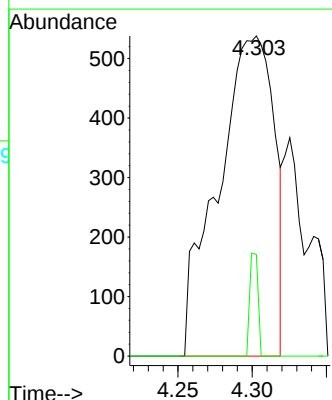
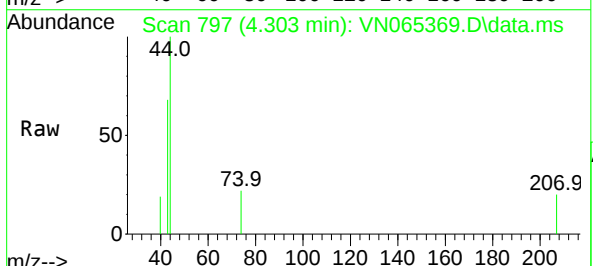
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

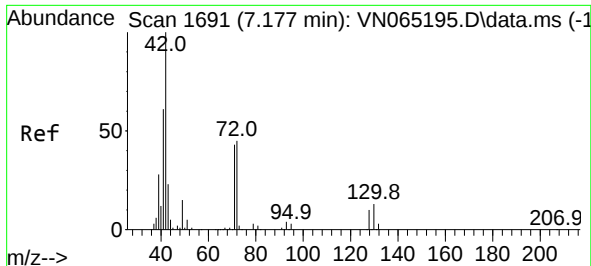
Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#18
Methyl Acetate
Concen: 0.52 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
74 4.6 20.2 30.2#





#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 7.180 min Scan# 1692

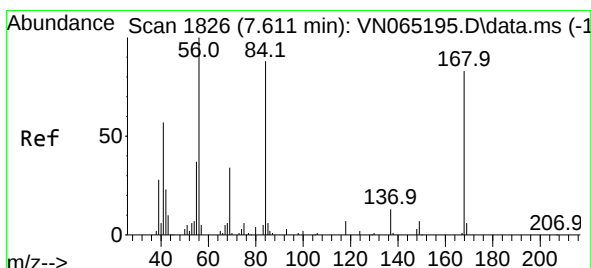
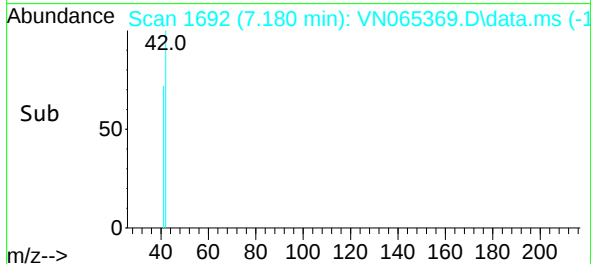
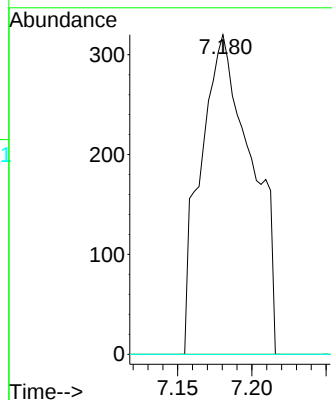
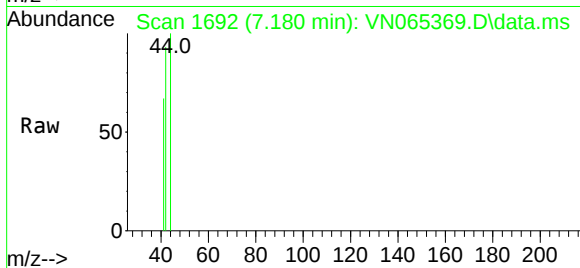
Delta R.T. 0.003 min

Lab File: VN065369.D

Acq: 4 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

Tgt Ion:	42	Resp:	764
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 0.97 ug/l

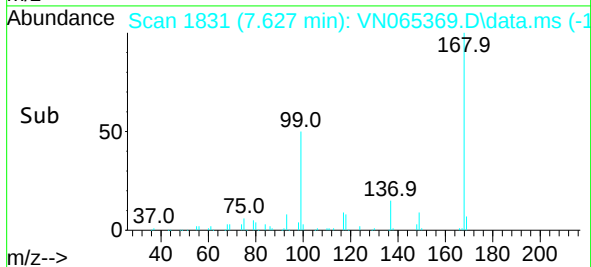
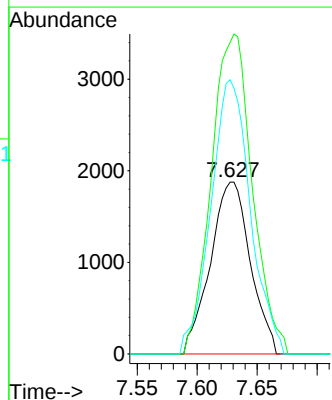
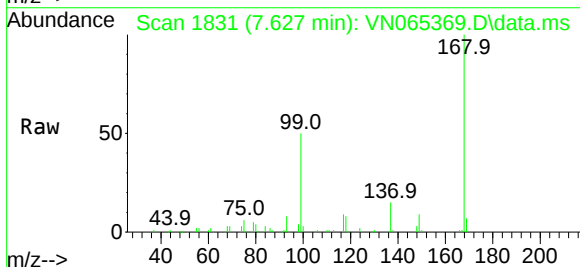
RT: 7.627 min Scan# 1831

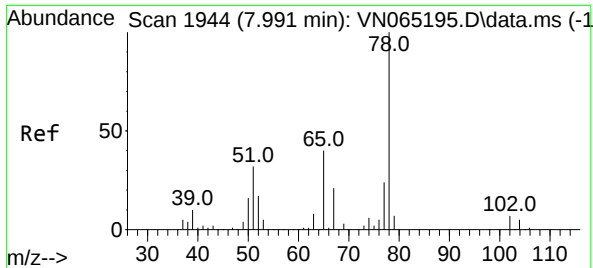
Delta R.T. 0.016 min

Lab File: VN065369.D

Acq: 4 Jan 2021 11:11

Tgt Ion:	56	Resp:	4344
Ion	Ratio	Lower	Upper
56	100		
69	181.2	27.5	41.3#
84	159.6	73.9	110.9#

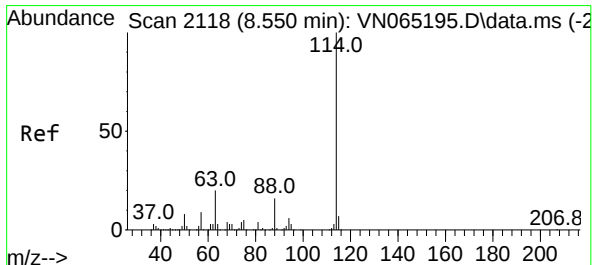
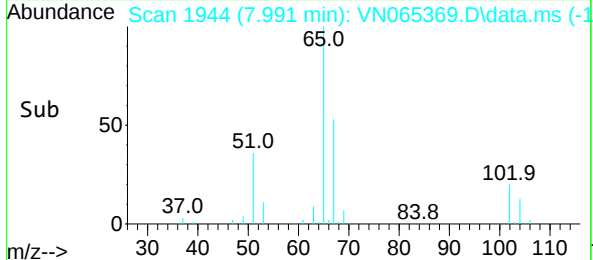
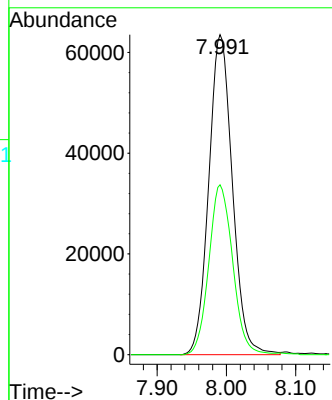
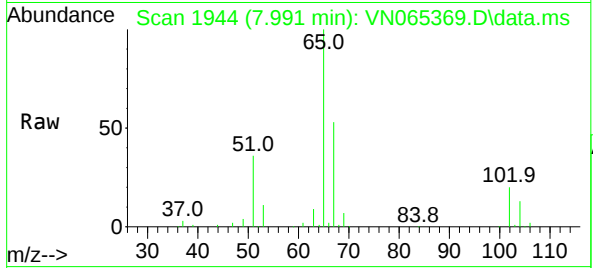




#33
1,2-Dichloroethane-d4
Concen: 49.50 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

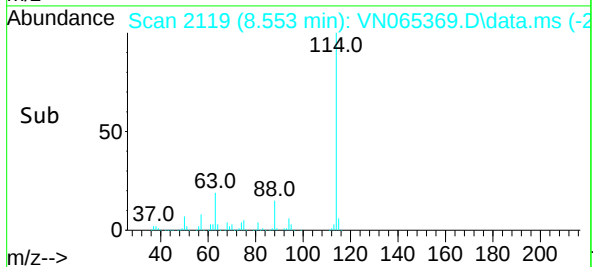
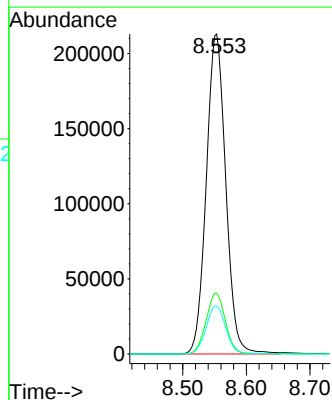
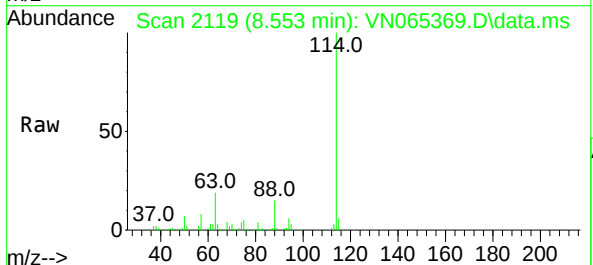
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

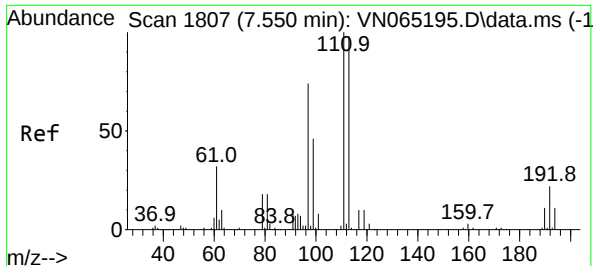
Tgt Ion: 65 Resp: 150366
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

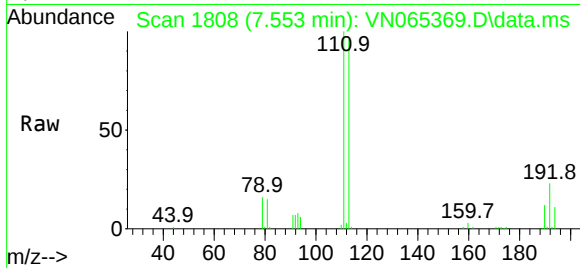
Tgt Ion: 114 Resp: 453068
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 15.0 0.0 32.6



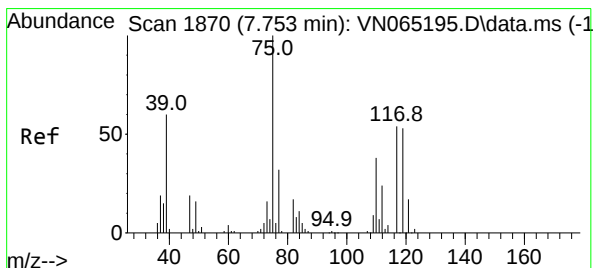
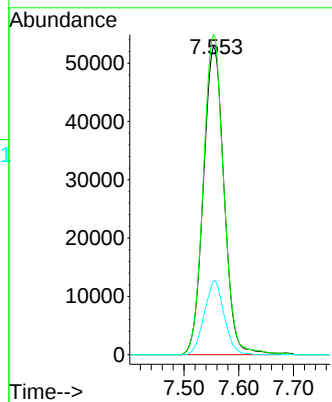
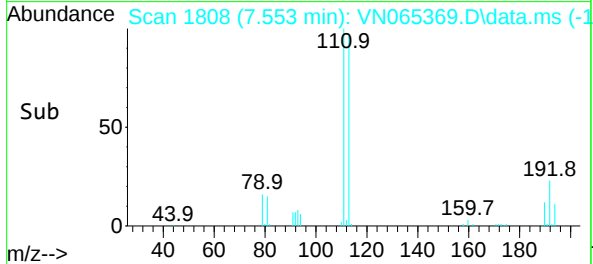


#35
Dibromofluoromethane
Concen: 50.75 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

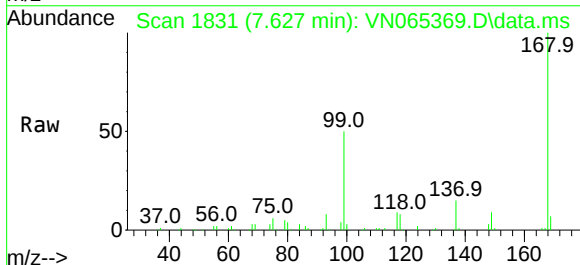
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01



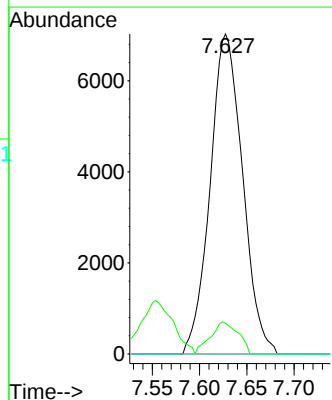
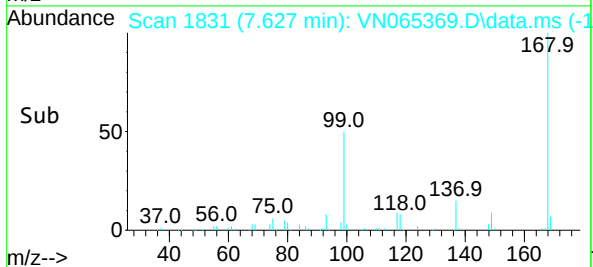
Tgt Ion:113 Resp: 138711
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 23.1 16.2 24.2

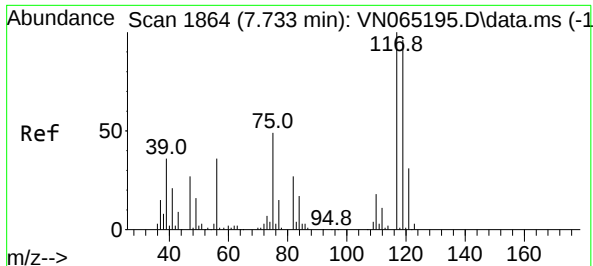


#36
1,1-Dichloropropene
Concen: 4.07 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11



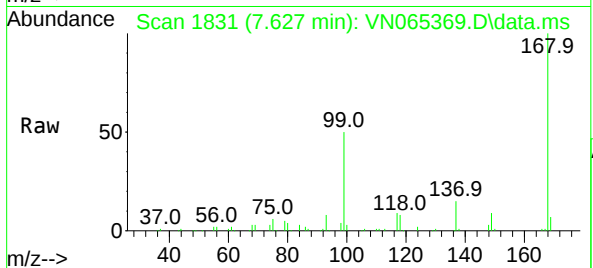
Tgt Ion: 75 Resp: 16771
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



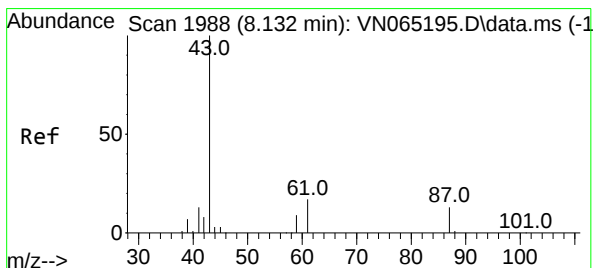
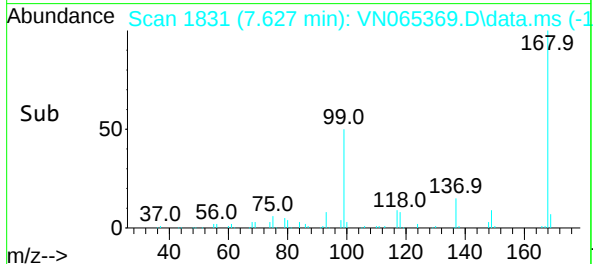
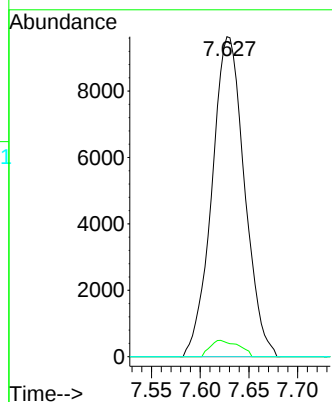


#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

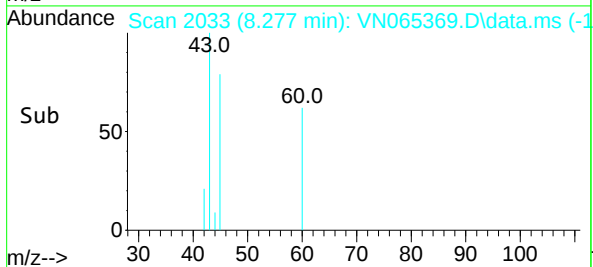
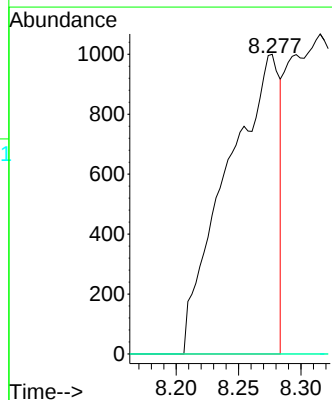
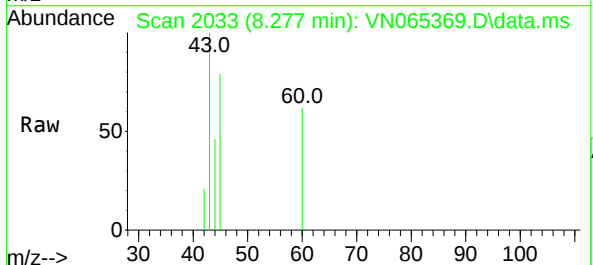


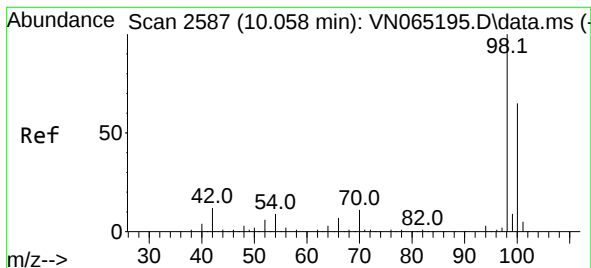
Tgt Ion:117 Resp: 22400
Ion Ratio Lower Upper
117 100
119 4.4 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 0.42 ug/l
RT: 8.277 min Scan# 2033
Delta R.T. 0.145 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Tgt Ion: 43 Resp: 2933
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#

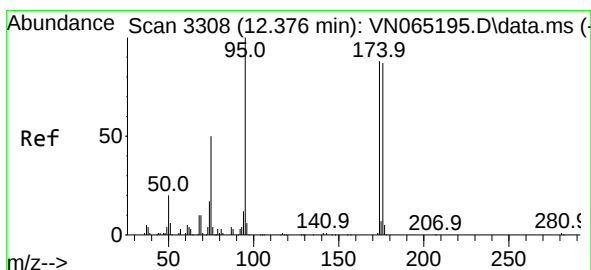
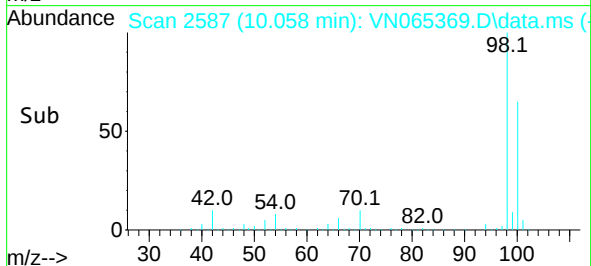
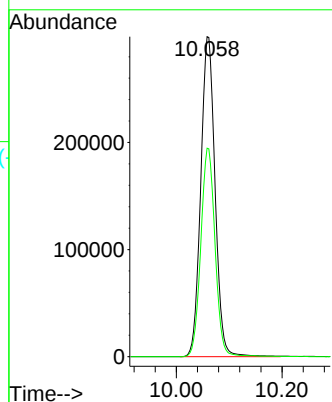
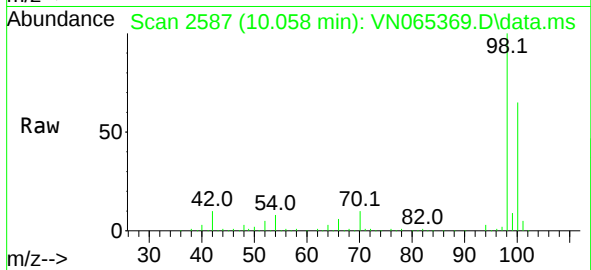




#50
Toluene-d8
Concen: 54.77 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

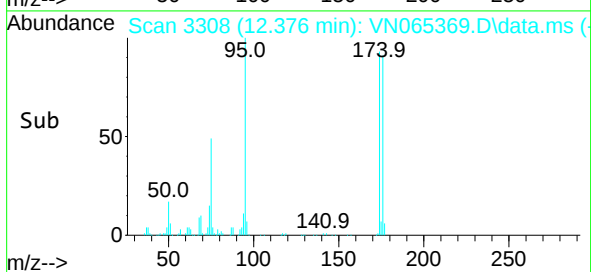
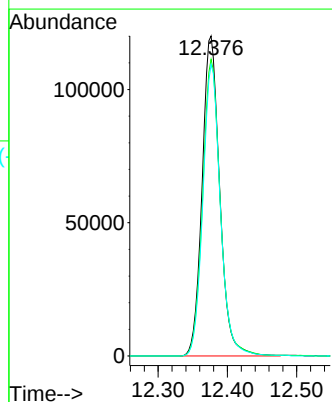
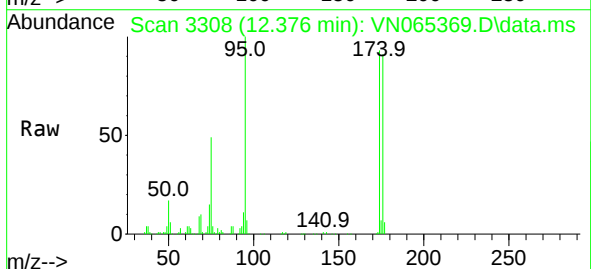
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

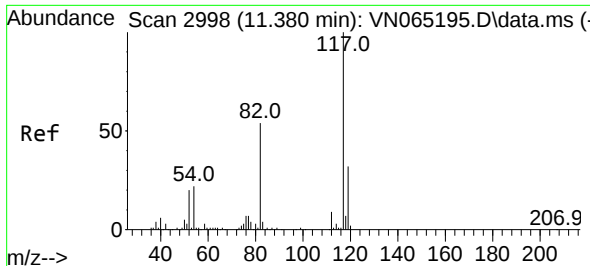
Tgt Ion: 98 Resp: 561095
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.13 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

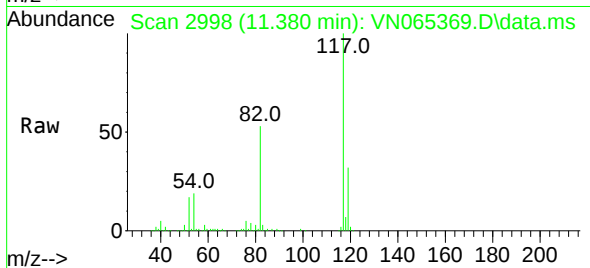
Tgt Ion: 95 Resp: 212184
Ion Ratio Lower Upper
95 100
174 92.9 0.0 160.4
176 90.5 0.0 158.4



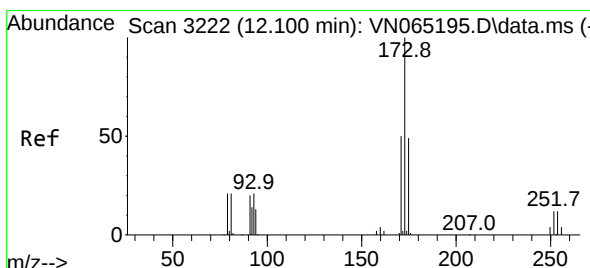
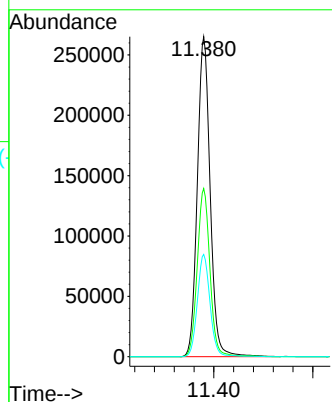
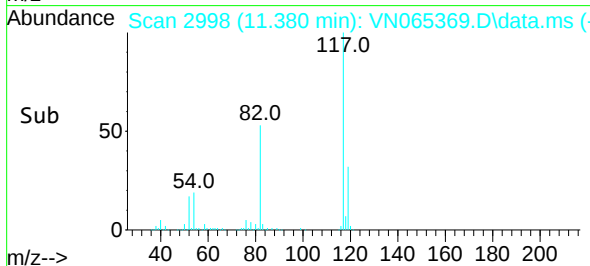


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

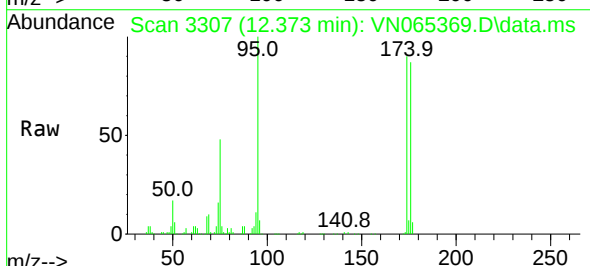
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01



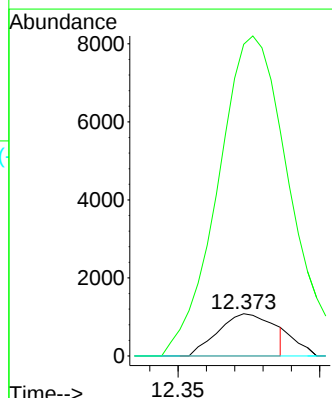
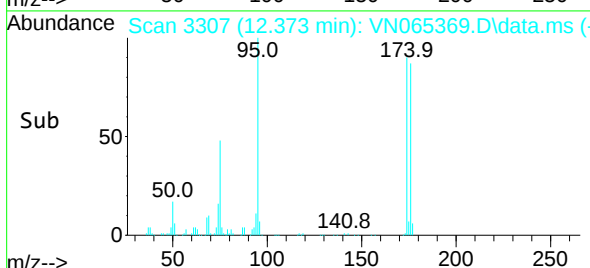
Tgt Ion:117 Resp: 478471
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 31.9 25.8 38.6

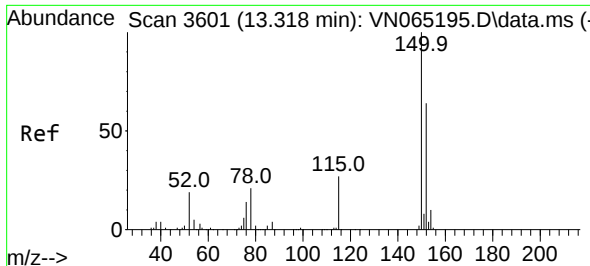


#71
Bromoform
Concen: 0.45 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11



Tgt Ion:173 Resp: 1472
Ion Ratio Lower Upper
173 100
175 796.5 24.3 72.8#
254 0.0 0.0 0.0

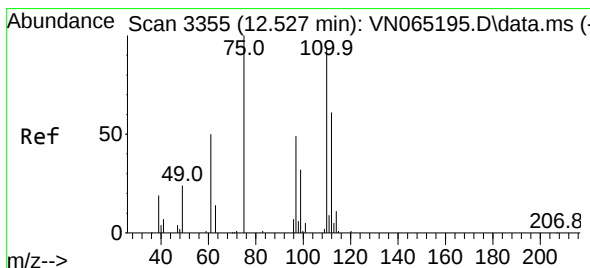
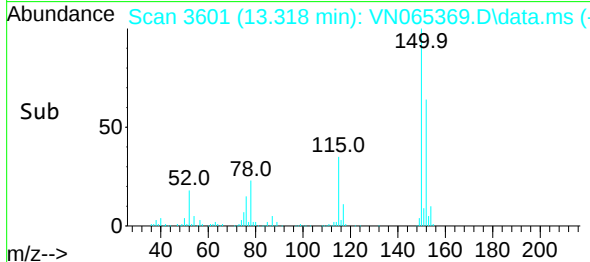
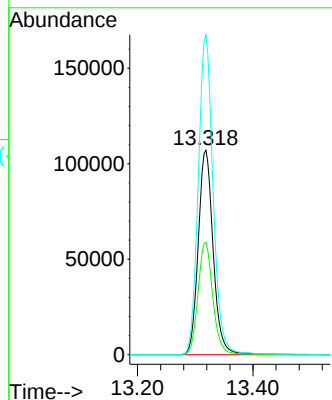
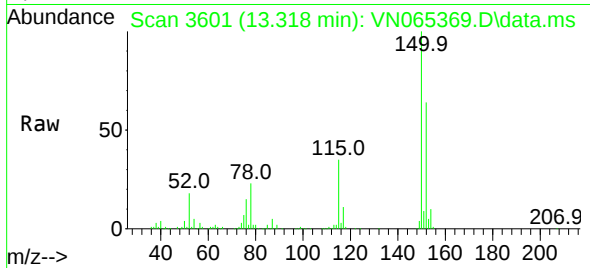




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065369.D
 Acq: 4 Jan 2021 11:11

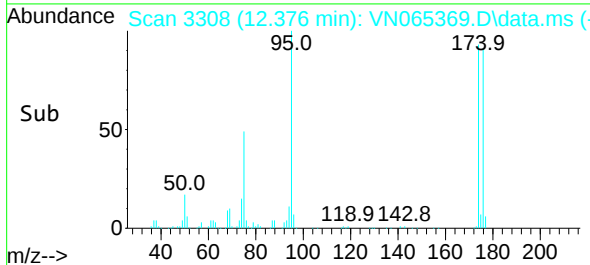
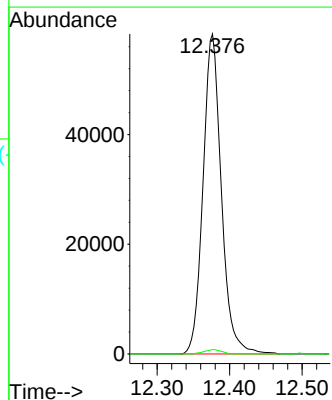
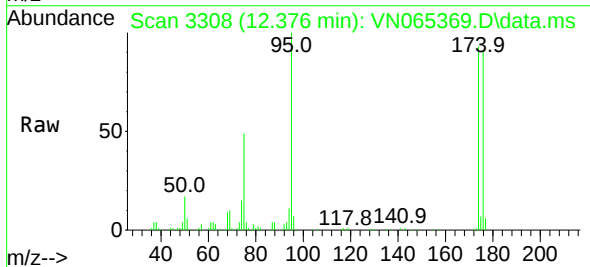
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBL01

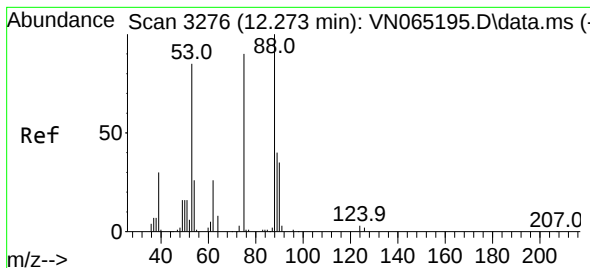
Tgt Ion:152 Resp: 192856
 Ion Ratio Lower Upper
 152 100
 115 54.6 29.7 89.1
 150 155.6 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 26.02 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065369.D
 Acq: 4 Jan 2021 11:11

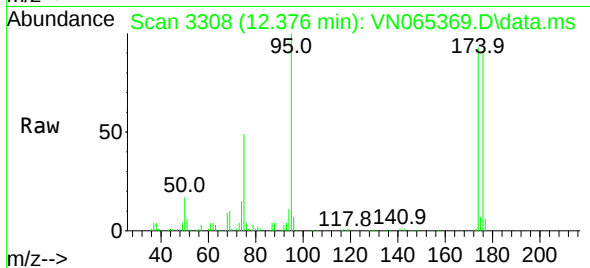
Tgt Ion: 75 Resp: 102364
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



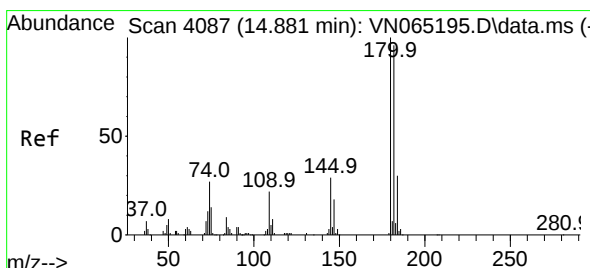
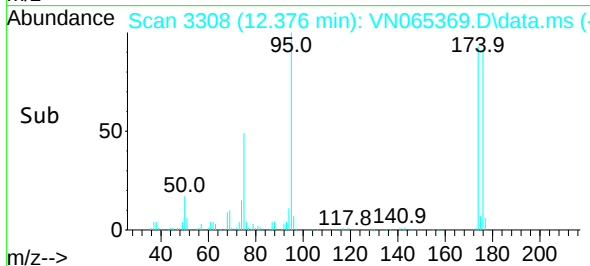
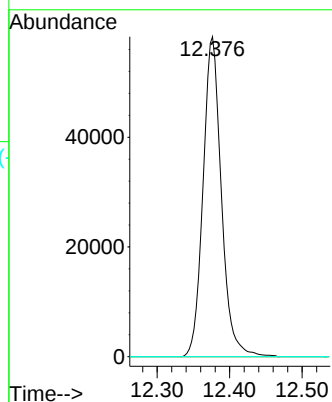


#81
trans-1,4-Dichloro-2-butene
Concen: 65.60 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

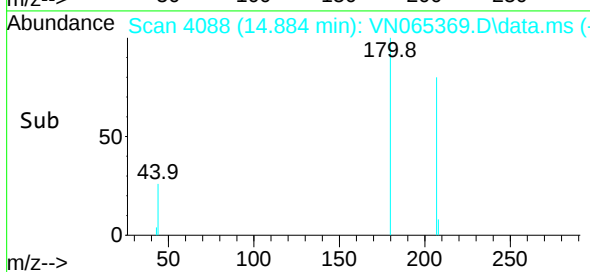
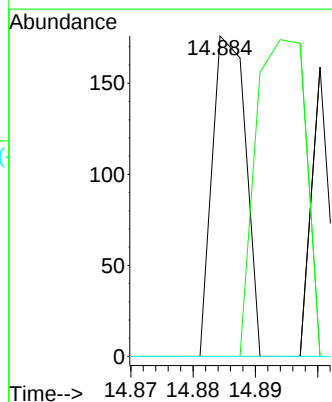
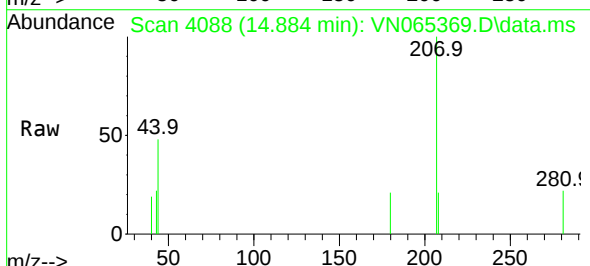


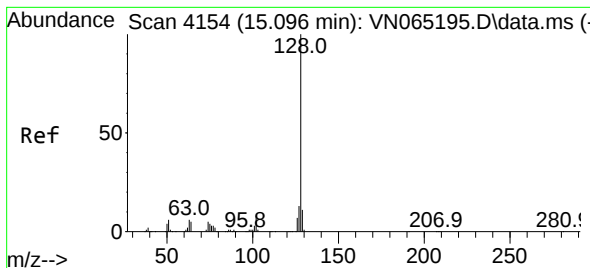
Tgt Ion: 75 Resp: 102364
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.85 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Tgt Ion: 180 Resp: 66
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 15.3 45.8#

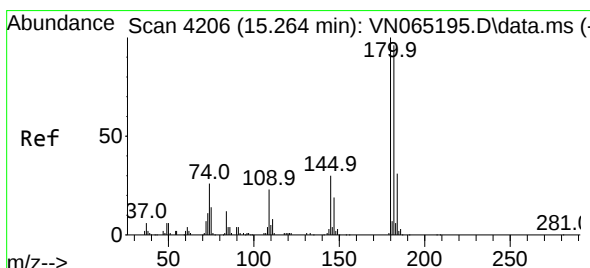
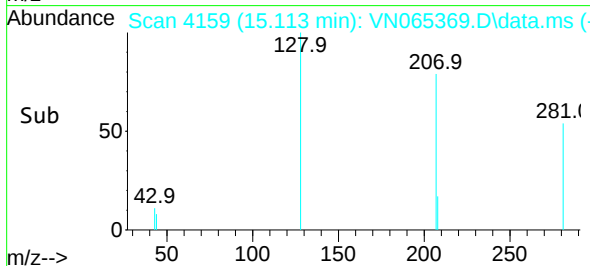
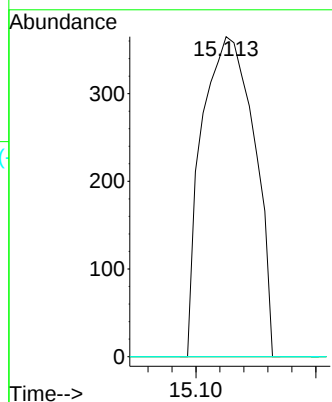
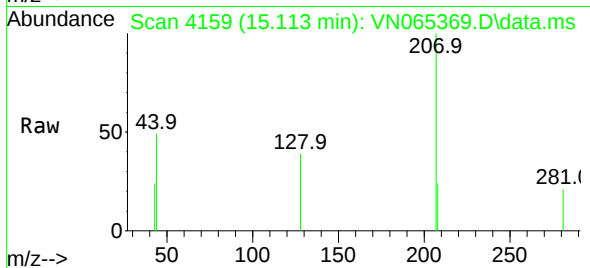




#95
Naphthalene
Concen: 3.42 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

Tgt Ion:128 Resp: 552
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.31 ug/l
RT: 15.296 min Scan# 4216
Delta R.T. 0.032 min
Lab File: VN065369.D
Acq: 4 Jan 2021 11:11

Tgt Ion:180 Resp: 323
Ion Ratio Lower Upper
180 100
182 9.0 48.1 144.4#
145 0.0 16.4 49.1#

