

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065390.D
 Acq On : 6 Jan 2021 10:37
 Operator : JC/MD
 Sample : VN0106MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106MBL01

Quant Time: Jan 07 01:26:53 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)

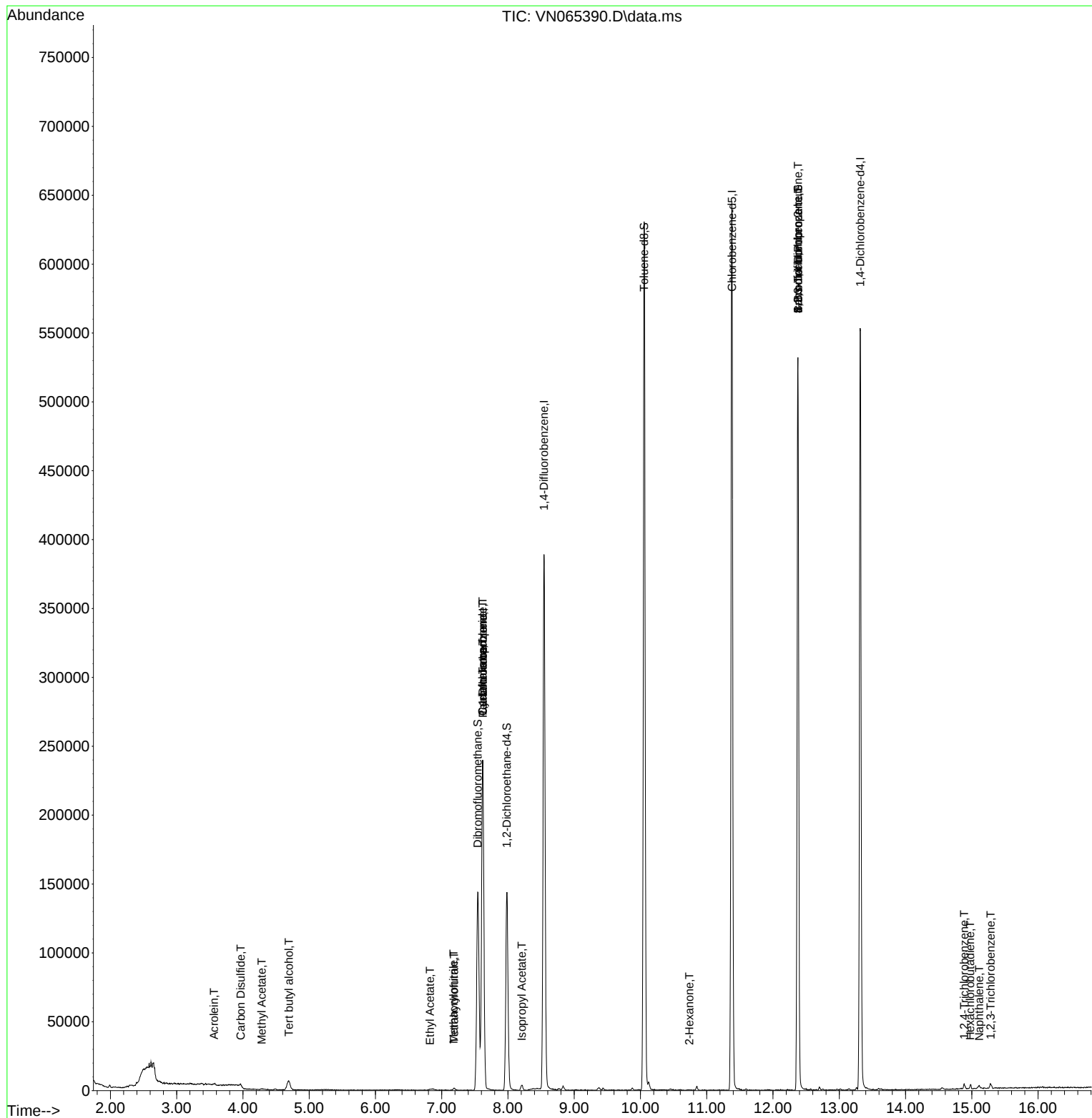
Internal Standards						
1) Pentafluorobenzene	7.621	168	225781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	377313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	402217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	165742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	126380	49.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.16%		
35) Dibromofluoromethane	7.544	113	113086	49.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.36%		
50) Toluene-d8	10.055	98	464650	54.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.92%		
62) 4-Bromofluorobenzene	12.376	95	183335	53.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.78%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.692	59	6417	15.39	ug/l #	73
13) Acrolein	3.563	56	153	2.95	ug/l #	10
16) Acetone	3.795	43	170	Below Cal	#	43
17) Carbon Disulfide	3.968	76	1465	0.26	ug/l #	55
18) Methyl Acetate	4.283	43	1555	0.68	ug/l #	50
29) Tetrahydrofuran	7.187	42	1214	1.31	ug/l #	61
31) Cyclohexane	7.618	56	3720	0.99	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	14231	4.15	ug/l #	50
37) Ethyl Acetate	6.824	43	696	0.20	ug/l #	66
38) Carbon Tetrachloride	7.618	117	18693	5.19	ug/l #	17
41) Methacrylonitrile	7.180	41	406	0.23	ug/l #	22
43) Isopropyl Acetate	8.209	43	1544	0.26	ug/l #	59
59) 2-Hexanone	10.737	43	837	0.35	ug/l #	23
71) Bromoform	12.376	173	1242	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	86886	25.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	86886	64.79	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.884	180	1646	3.31	ug/l	96
94) Hexachlorobutadiene	14.978	225	1013	0.48	ug/l	91
95) Naphthalene	15.113	128	3495	3.75	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.286	180	1792	3.77	ug/l	93

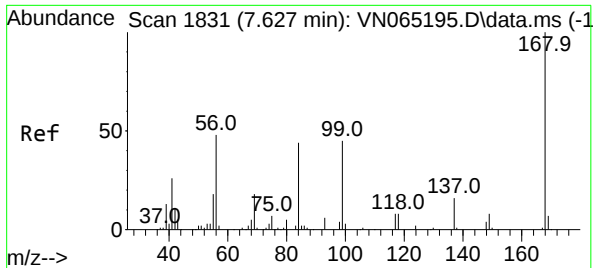
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

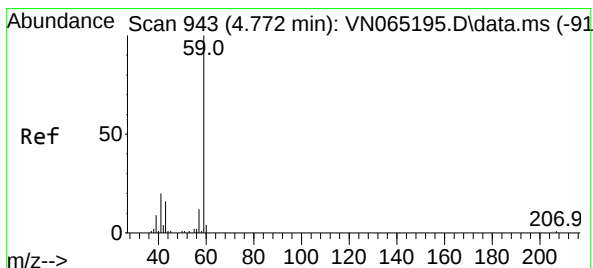
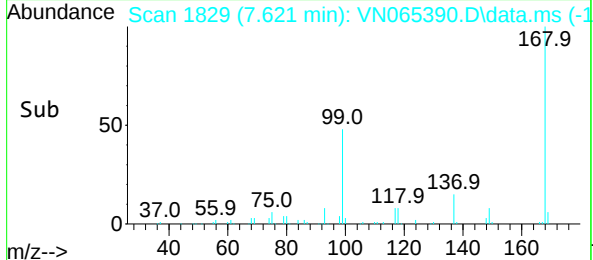
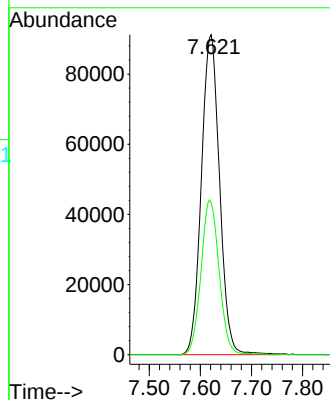
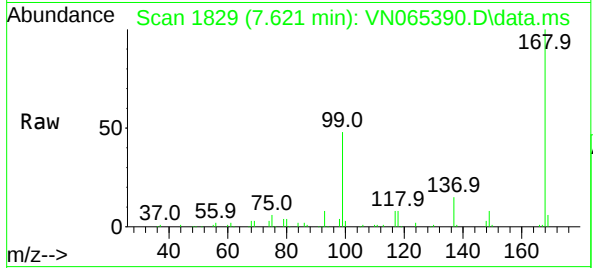




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

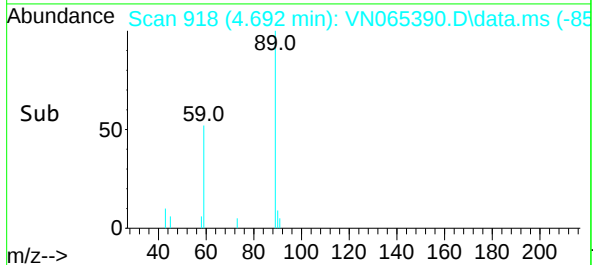
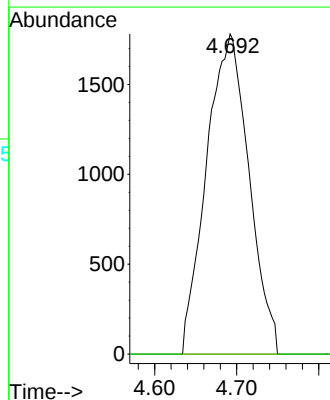
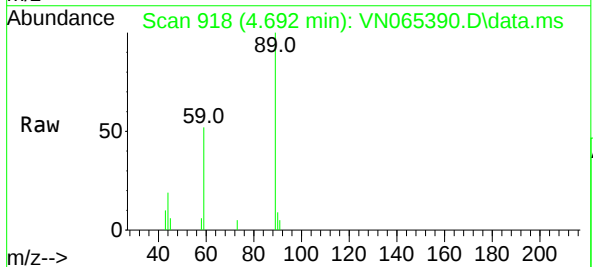
Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

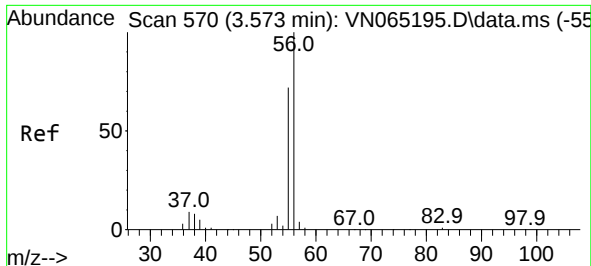
Tgt Ion:168 Resp: 225781
Ion Ratio Lower Upper
168 100
99 47.6 43.0 64.4



#11
Tert butyl alcohol
Concen: 15.39 ug/l
RT: 4.692 min Scan# 918
Delta R.T. -0.080 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion: 59 Resp: 6417
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

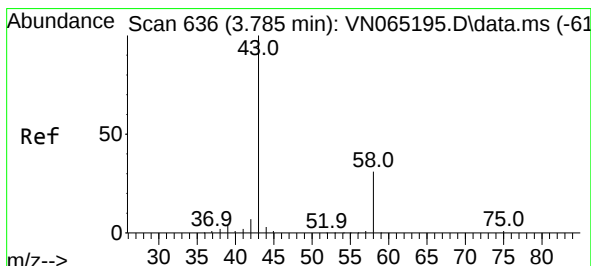
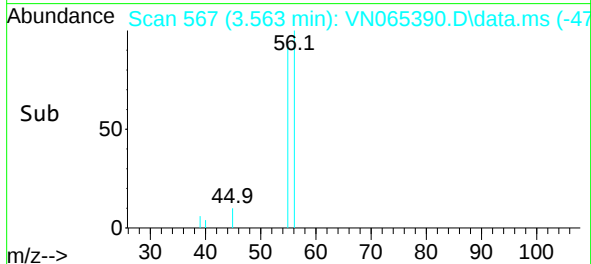
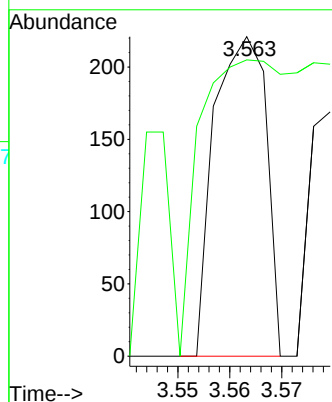
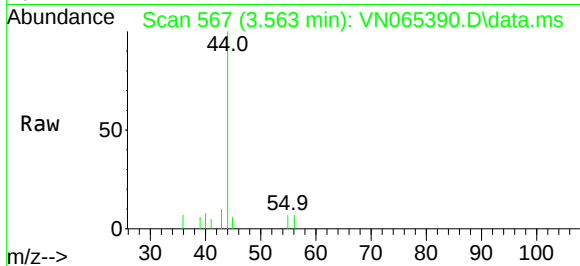




#13
Acrolein
Concen: 2.95 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.010 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

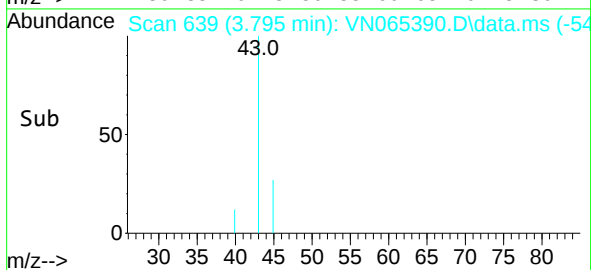
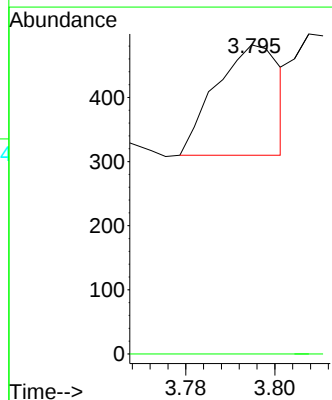
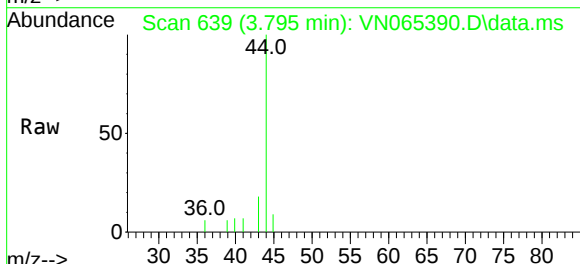
Instrument :
MSVOA_N
ClientSampled :
VN0106MBL01

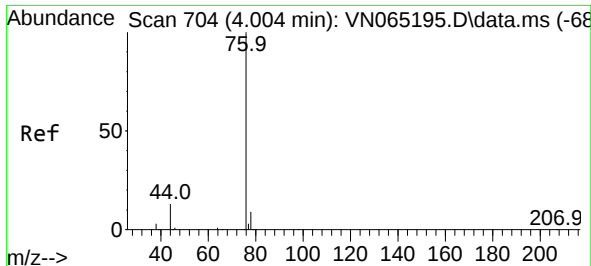
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 145.1 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

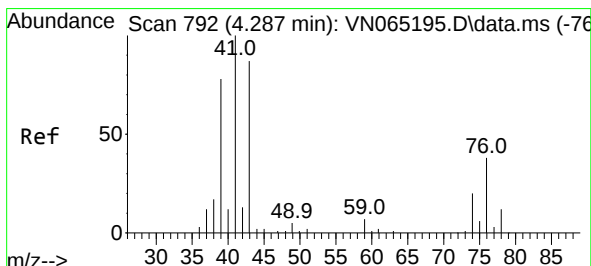
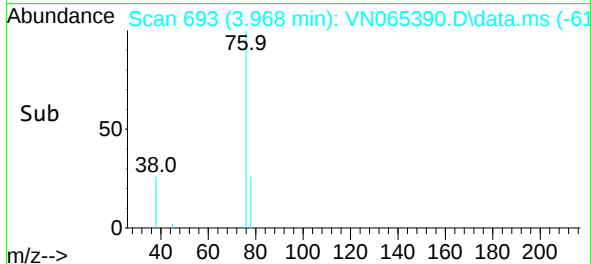
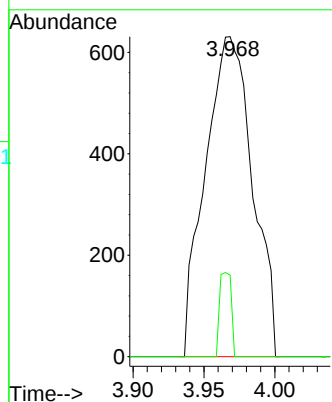
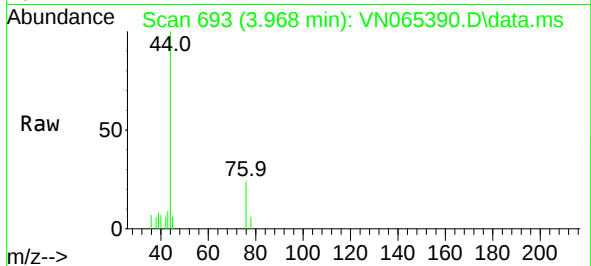




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 3.968 min Scan# 693
Delta R.T. -0.036 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

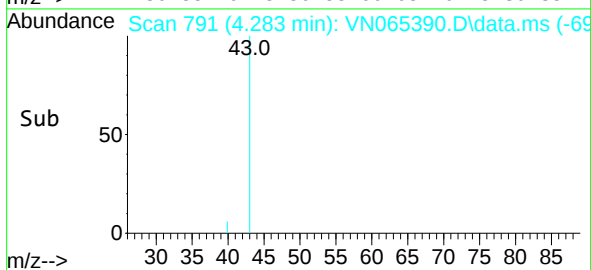
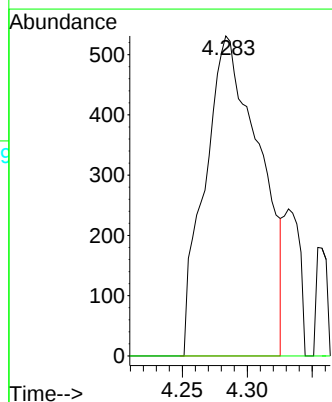
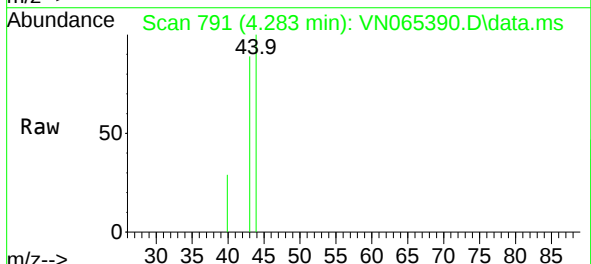
Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

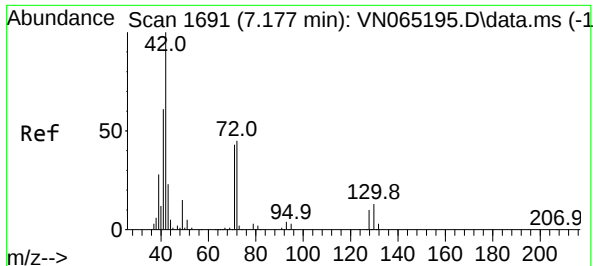
Tgt Ion: 76 Resp: 1465
Ion Ratio Lower Upper
76 100
78 25.5 7.4 11.0#



#18
Methyl Acetate
Concen: 0.68 ug/l
RT: 4.283 min Scan# 791
Delta R.T. -0.004 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#29

Tetrahydrofuran

Concen: 1.31 ug/l

RT: 7.187 min Scan# 1694

Delta R.T. 0.010 min

Lab File: VN065390.D

Acq: 6 Jan 2021 10:37

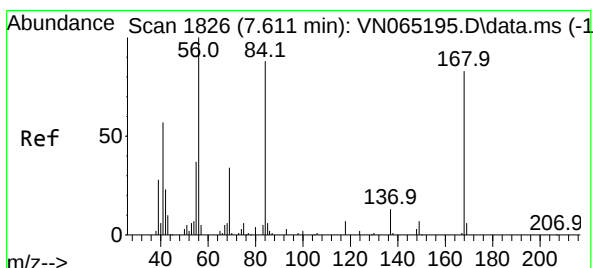
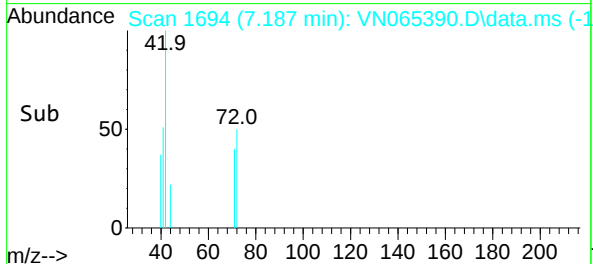
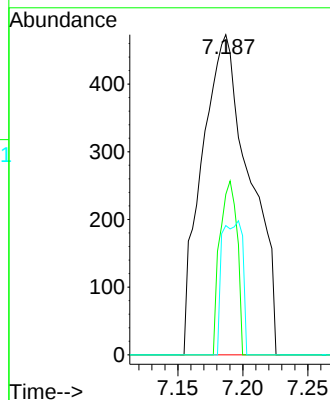
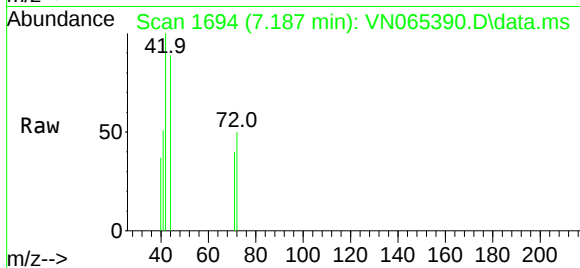
Instrument :

MSVOA_N

ClientSampleId :

VN0106MBL01

Tgt Ion:	42	Resp:	1214
Ion	Ratio	Lower	Upper
42	100		
72	19.4	36.6	54.8#
71	17.8	33.6	50.4#



#31

Cyclohexane

Concen: 0.99 ug/l

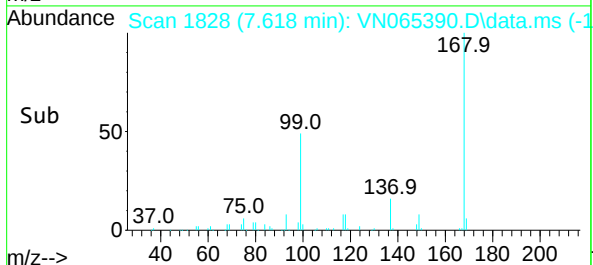
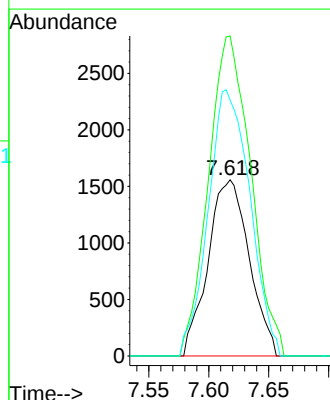
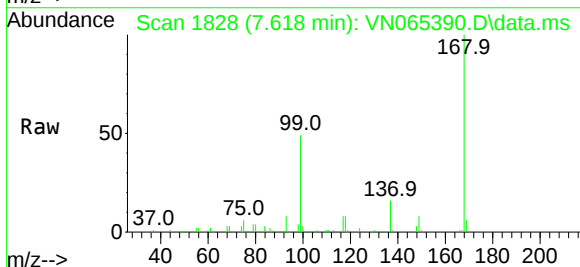
RT: 7.618 min Scan# 1828

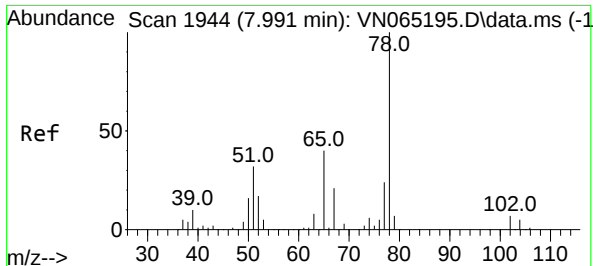
Delta R.T. 0.007 min

Lab File: VN065390.D

Acq: 6 Jan 2021 10:37

Tgt Ion:	56	Resp:	3720
Ion	Ratio	Lower	Upper
56	100		
69	181.7	27.5	41.3#
84	145.3	73.9	110.9#



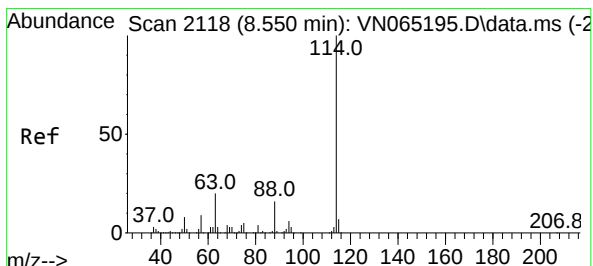
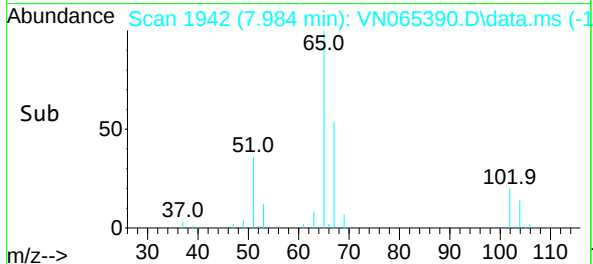
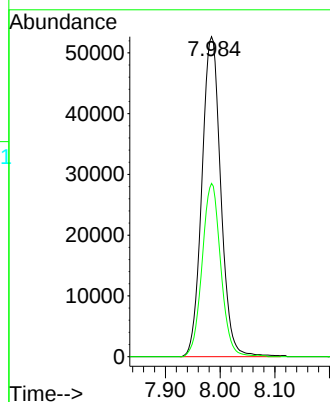
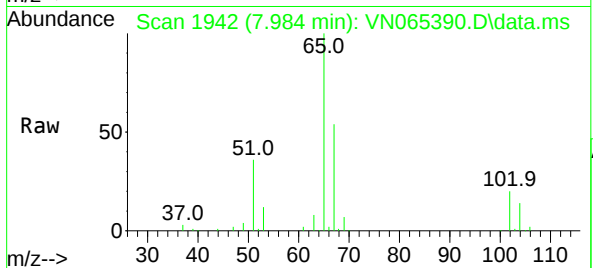


#33

1,2-Dichloroethane-d4
Concen: 49.58 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.007 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

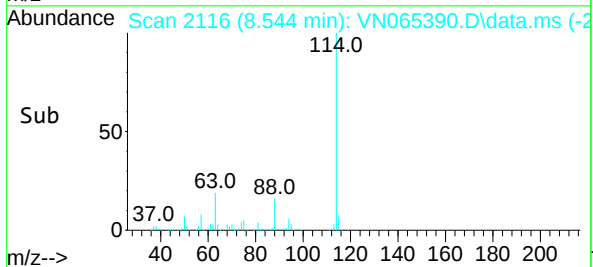
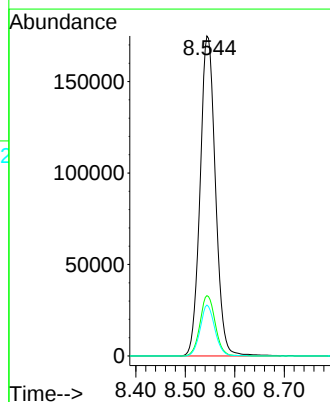
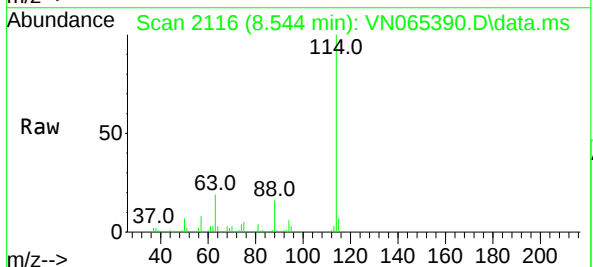
Tgt Ion: 65 Resp: 126380
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2

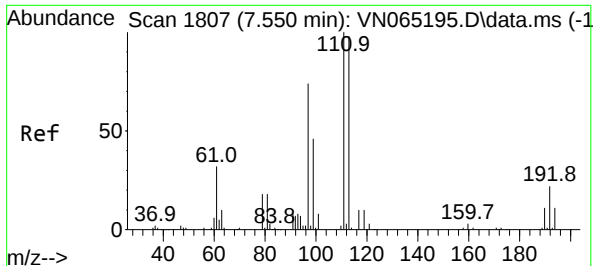


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

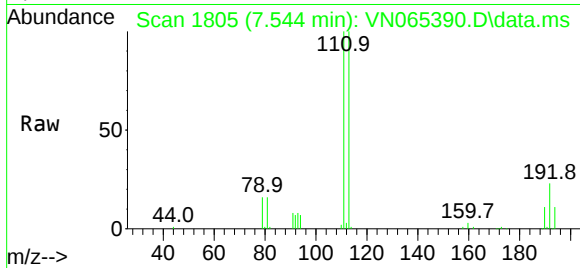
Tgt Ion: 114 Resp: 377313
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 15.9 0.0 32.6



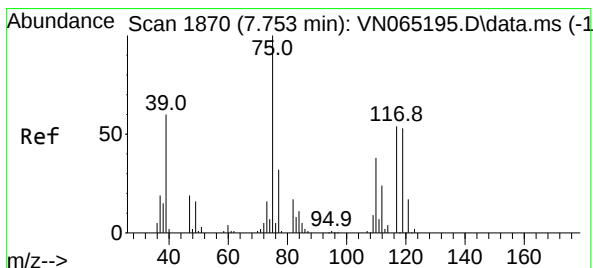
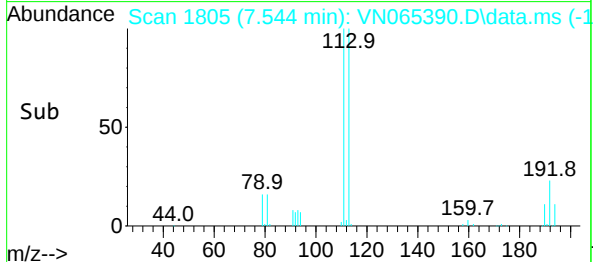
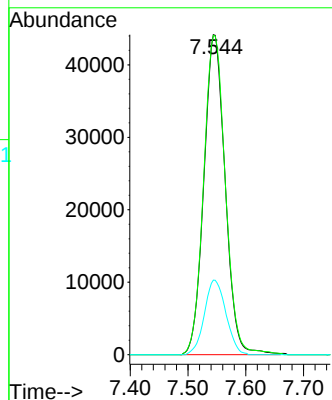


#35
Dibromofluoromethane
Concen: 49.68 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

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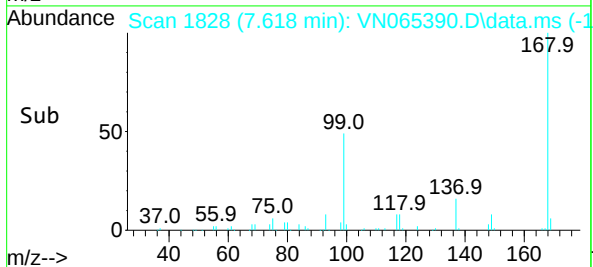
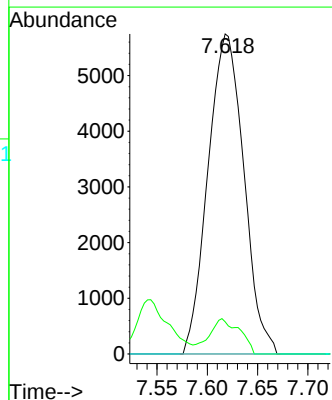
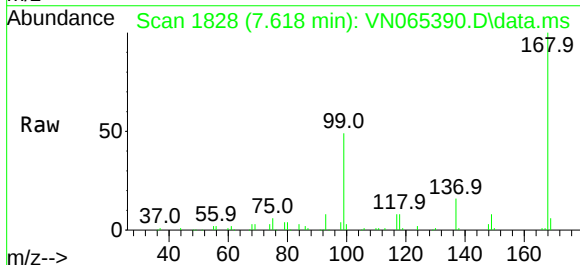


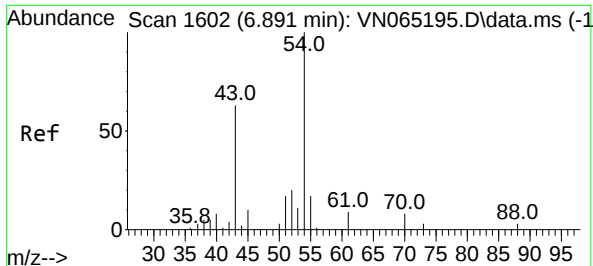
Tgt Ion:113 Resp: 113086
Ion Ratio Lower Upper
113 100
111 101.9 81.6 122.4
192 23.6 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.135 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion: 75 Resp: 14231
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.20 ug/l

RT: 6.824 min Scan# 1581

Delta R.T. -0.067 min

Lab File: VN065390.D

Acq: 6 Jan 2021 10:37

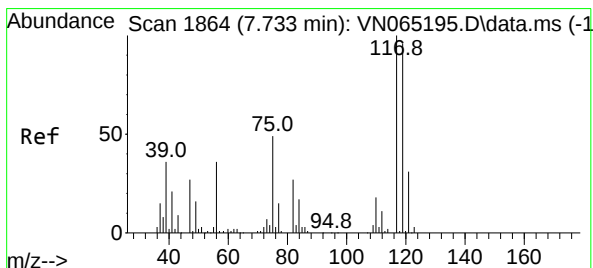
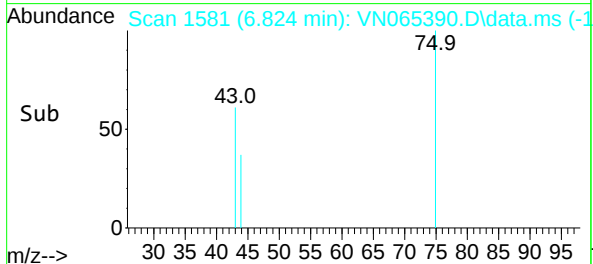
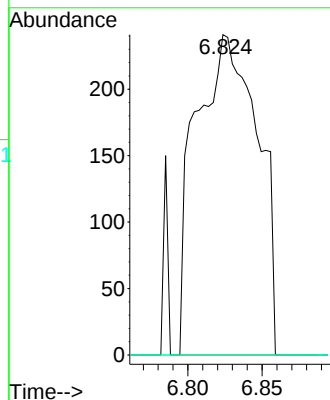
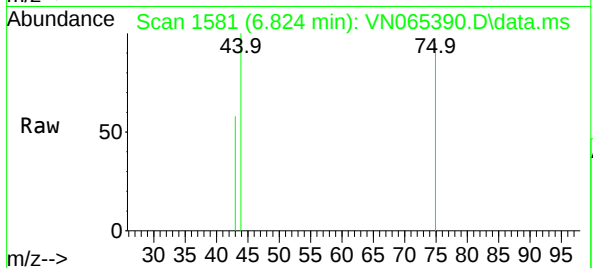
Instrument :

MSVOA_N

ClientSampleId :

VN0106MBL01

Tgt Ion: 43	Resp: 696
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.19 ug/l

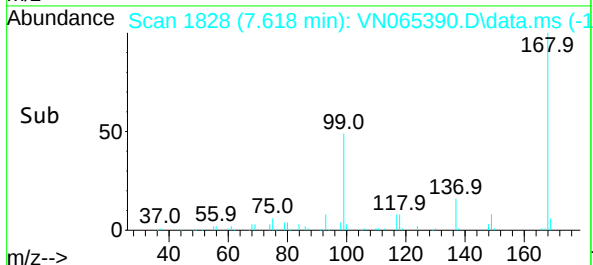
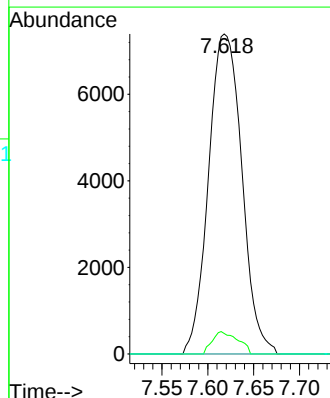
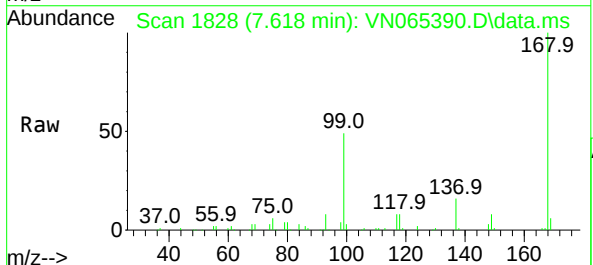
RT: 7.618 min Scan# 1828

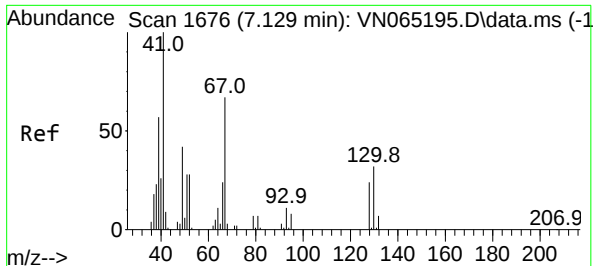
Delta R.T. -0.115 min

Lab File: VN065390.D

Acq: 6 Jan 2021 10:37

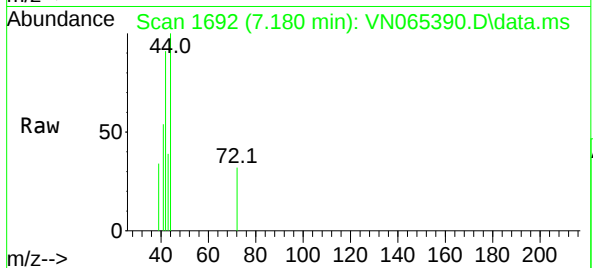
Tgt Ion:117	Resp:	18693	
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.7	115.1#
121	0.0	25.4	38.2#



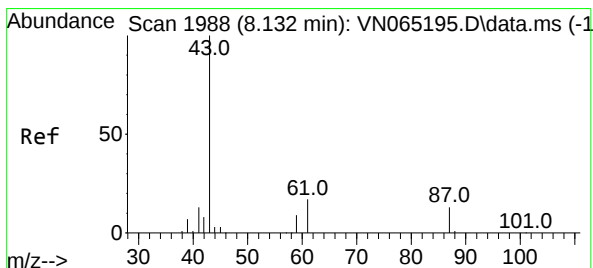
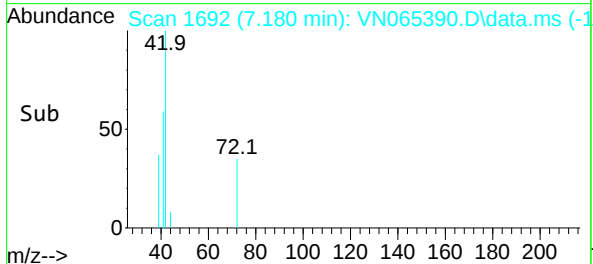
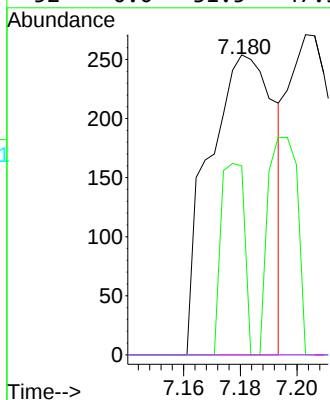


#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.051 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

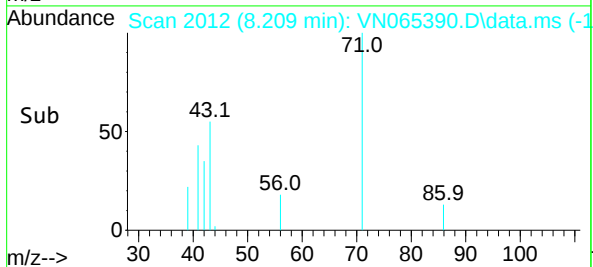
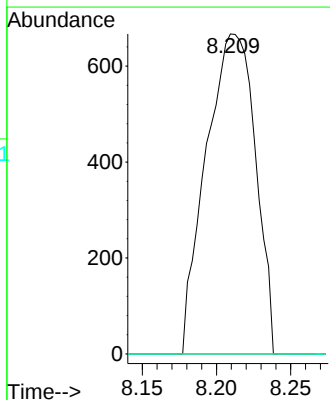
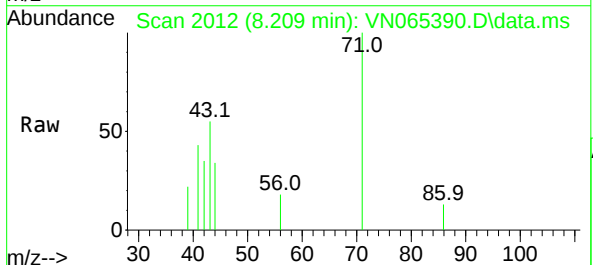


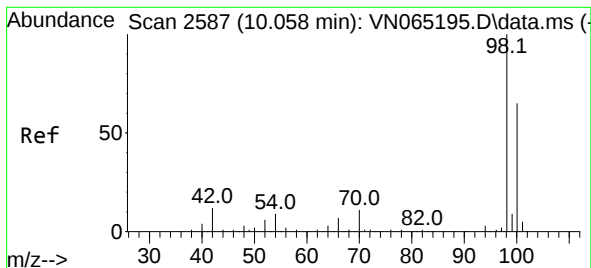
Tgt Ion:	41	Resp:	406
Ion	Ratio	Lower	Upper
41	100		
39	22.7	51.0	76.6#
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#



#43
Isopropyl Acetate
Concen: 0.26 ug/l
RT: 8.209 min Scan# 2012
Delta R.T. 0.077 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion:	43	Resp:	1544
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.2	25.8#
87	0.0	11.4	17.0#

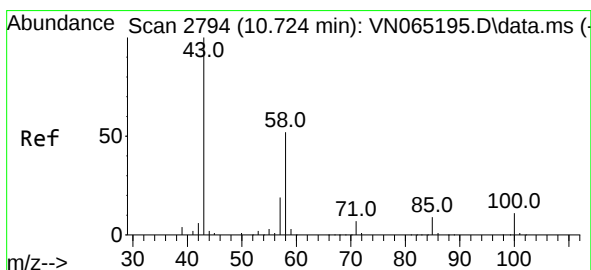
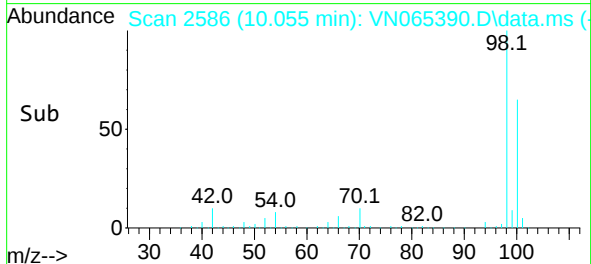
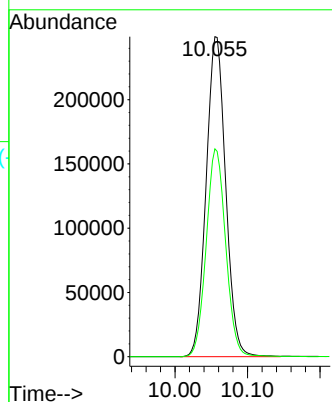
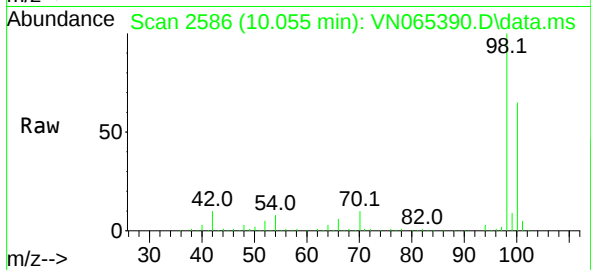




#50
Toluene-d8
Concen: 54.46 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

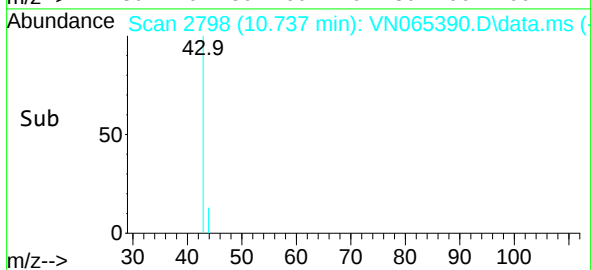
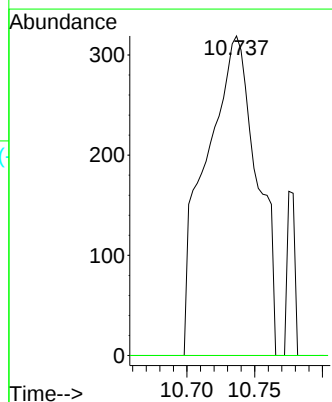
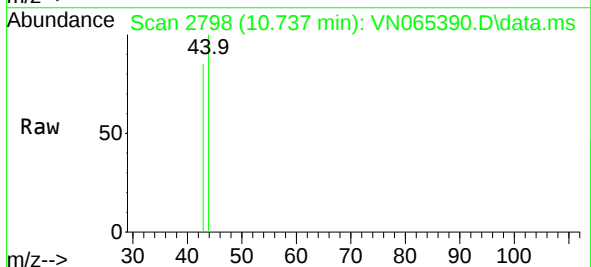
Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

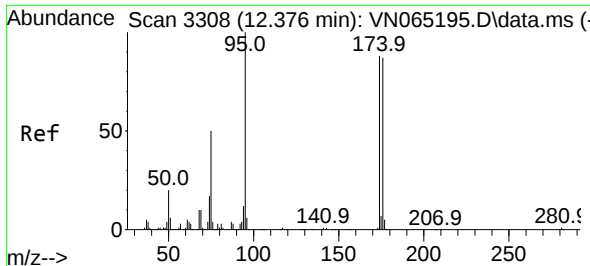
Tgt Ion: 98 Resp: 464650
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#59
2-Hexanone
Concen: 0.35 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

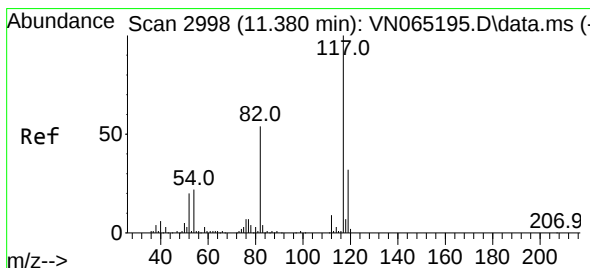
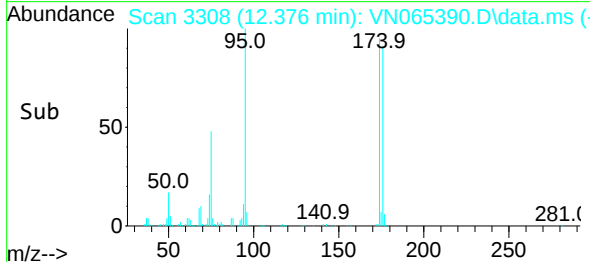
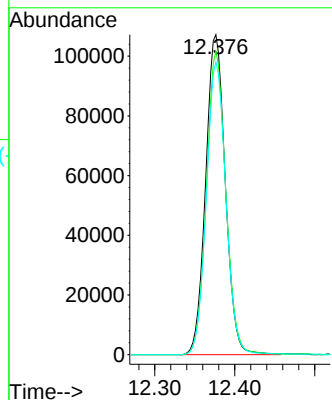
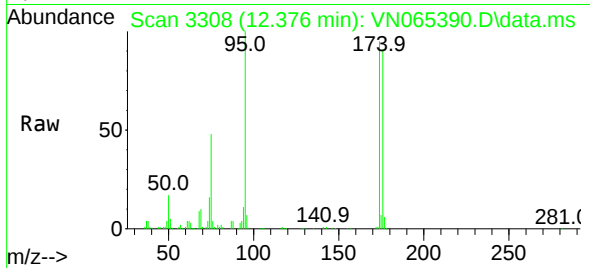




#62
4-Bromofluorobenzene
Concen: 53.89 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

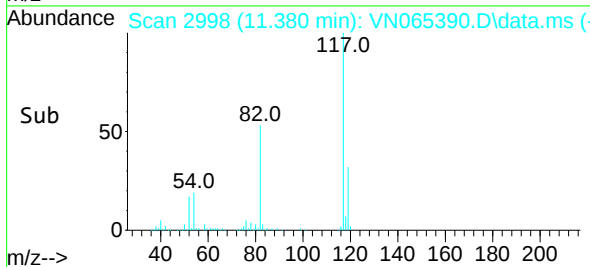
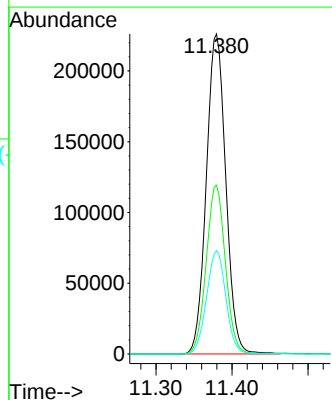
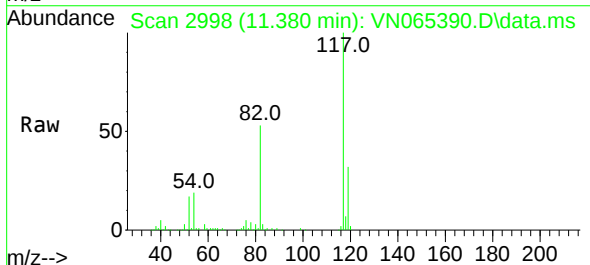
Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

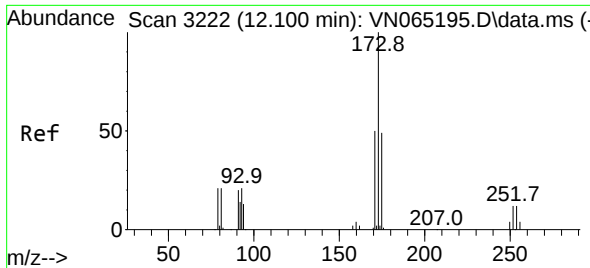
Tgt Ion: 95 Resp: 183335
Ion Ratio Lower Upper
95 100
174 94.0 0.0 160.4
176 90.6 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion: 117 Resp: 402217
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 32.3 25.8 38.6

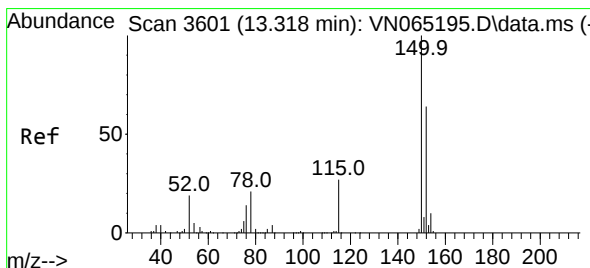
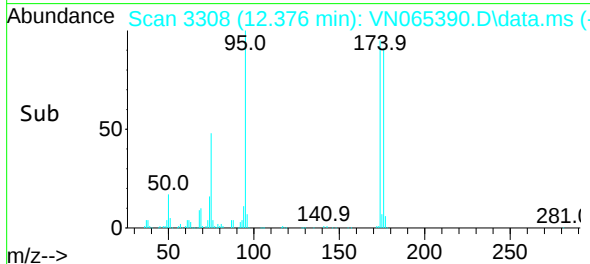
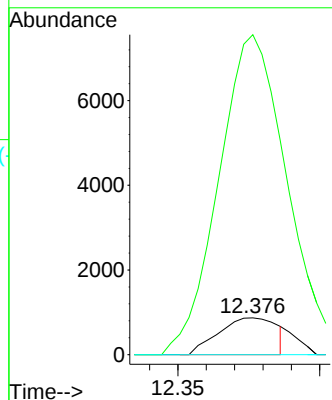
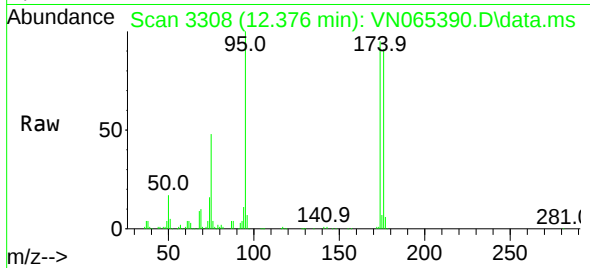




#71
Bromoform
Concen: 0.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

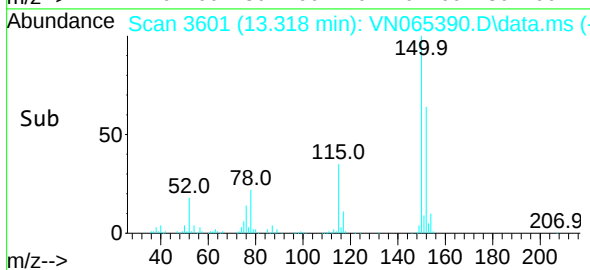
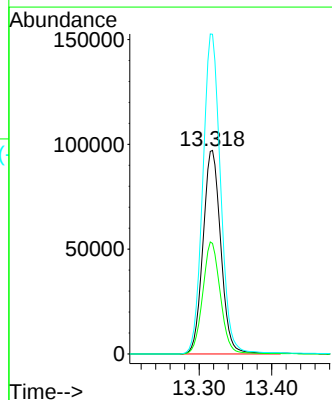
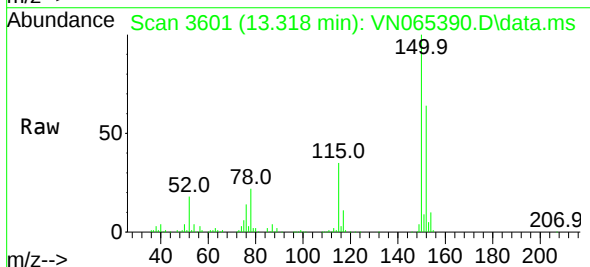
Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

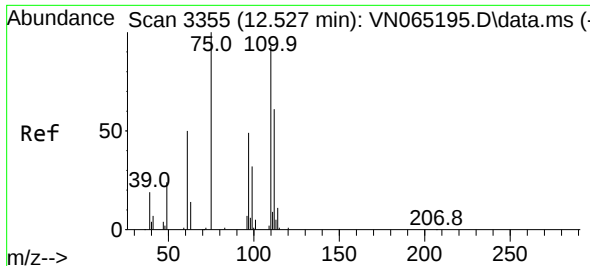
Tgt Ion:173 Resp: 1242
Ion Ratio Lower Upper
173 100
175 844.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion:152 Resp: 165742
Ion Ratio Lower Upper
152 100
115 54.4 29.7 89.1
150 157.4 0.0 350.6

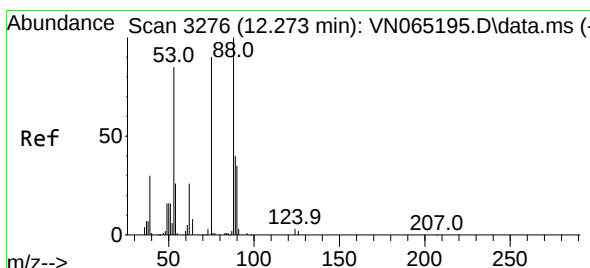
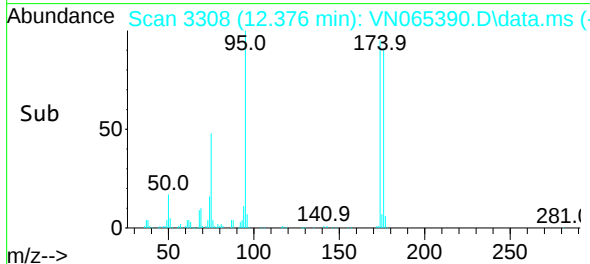
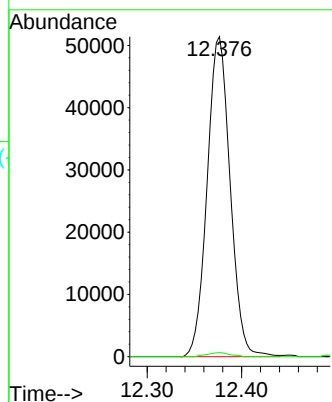
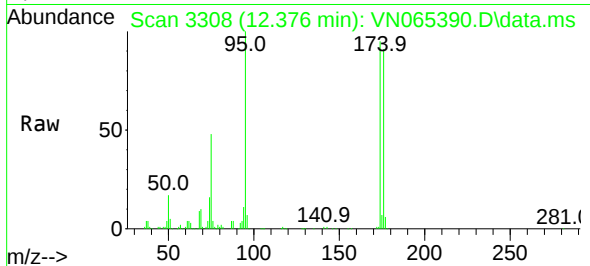




#76
1,2,3-Trichloropropane
Concen: 25.70 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

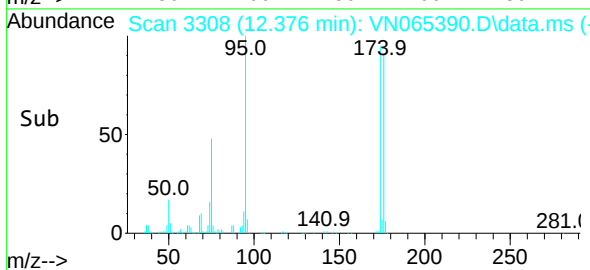
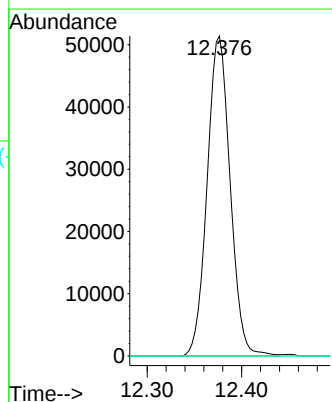
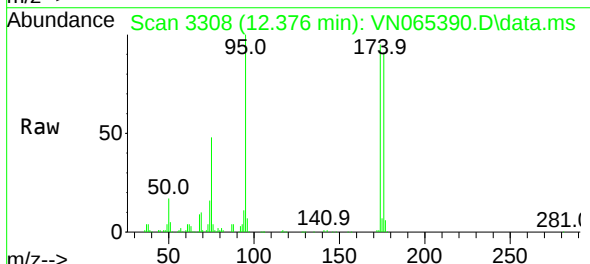
Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

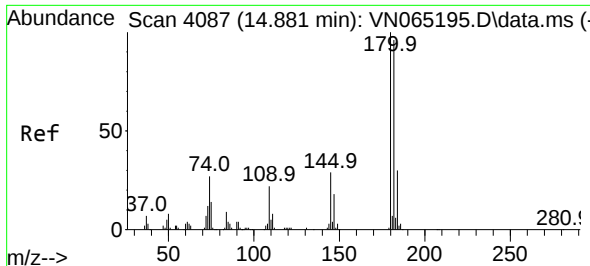
Tgt Ion: 75 Resp: 86886
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.79 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion: 75 Resp: 86886
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

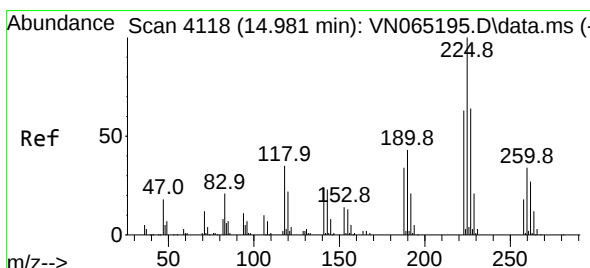
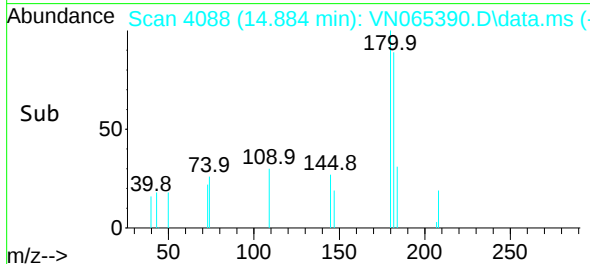
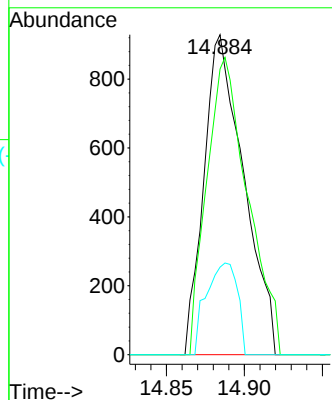
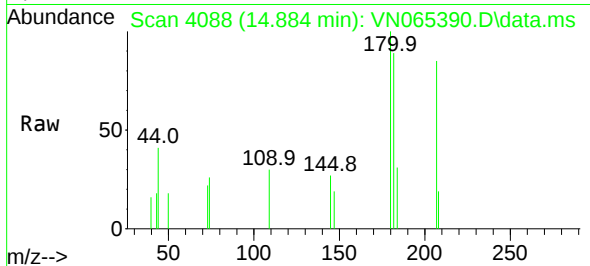




#93
1,2,4-Trichlorobenzene
Concen: 3.31 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

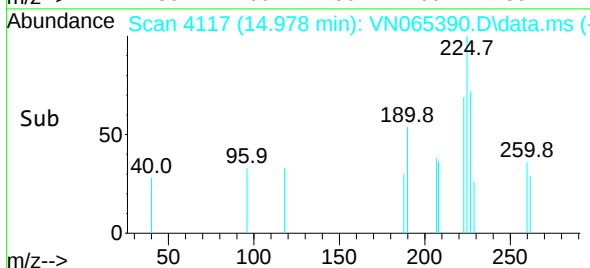
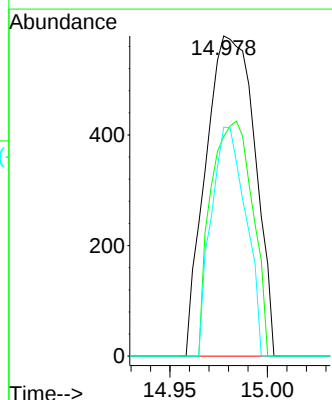
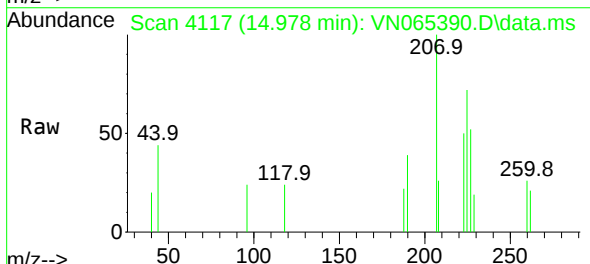
Instrument :
MSVOA_N
ClientSampled :
VN0106MBL01

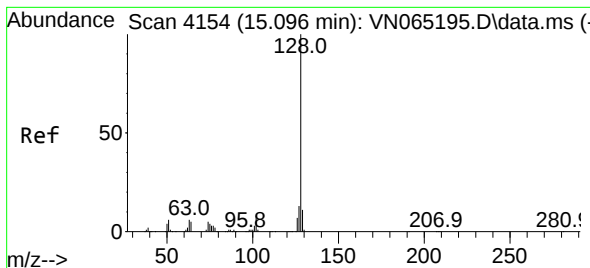
Tgt Ion:180 Resp: 1646
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 22.3 15.3 45.8



#94
Hexachlorobutadiene
Concen: 0.48 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. -0.003 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion:225 Resp: 1013
Ion Ratio Lower Upper
225 100
223 62.1 31.0 93.0
227 50.2 32.0 96.0

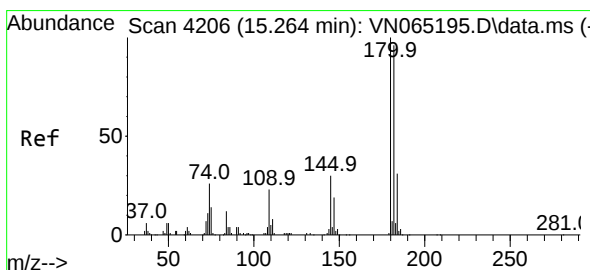
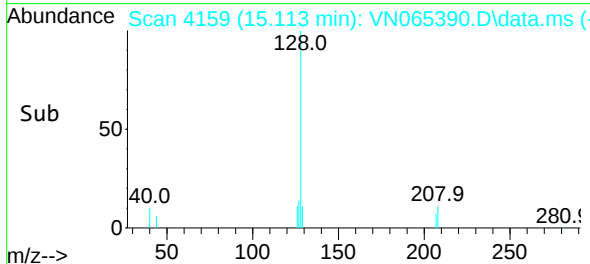
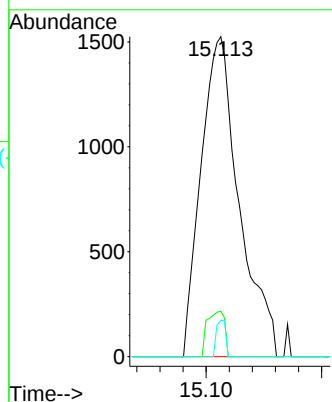
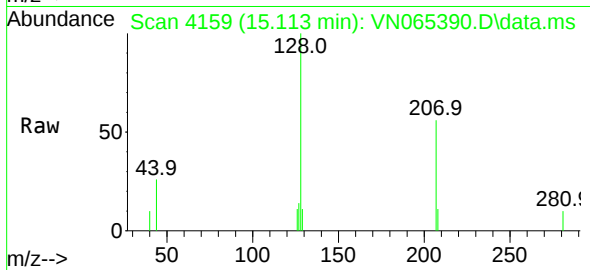




#95
Naphthalene
Concen: 3.75 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

Tgt Ion:128 Resp: 3495
Ion Ratio Lower Upper
128 100
127 6.4 10.3 15.5#
129 2.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.77 ug/l
RT: 15.286 min Scan# 4213
Delta R.T. 0.022 min
Lab File: VN065390.D
Acq: 6 Jan 2021 10:37

Tgt Ion:180 Resp: 1792
Ion Ratio Lower Upper
180 100
182 100.1 48.1 144.4
145 23.8 16.4 49.1

