

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065421.D
 Acq On : 7 Jan 2021 12:47
 Operator : JC/MD
 Sample : M1037-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-010621

Quant Time: Jan 08 01:16:09 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	262232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	439380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	467630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	179108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	148122	50.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.06%
35) Dibromofluoromethane	7.553	113	135121	50.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.94%
50) Toluene-d8	10.058	98	549809	55.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.68%
62) 4-Bromofluorobenzene	12.376	95	205141	51.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.96%

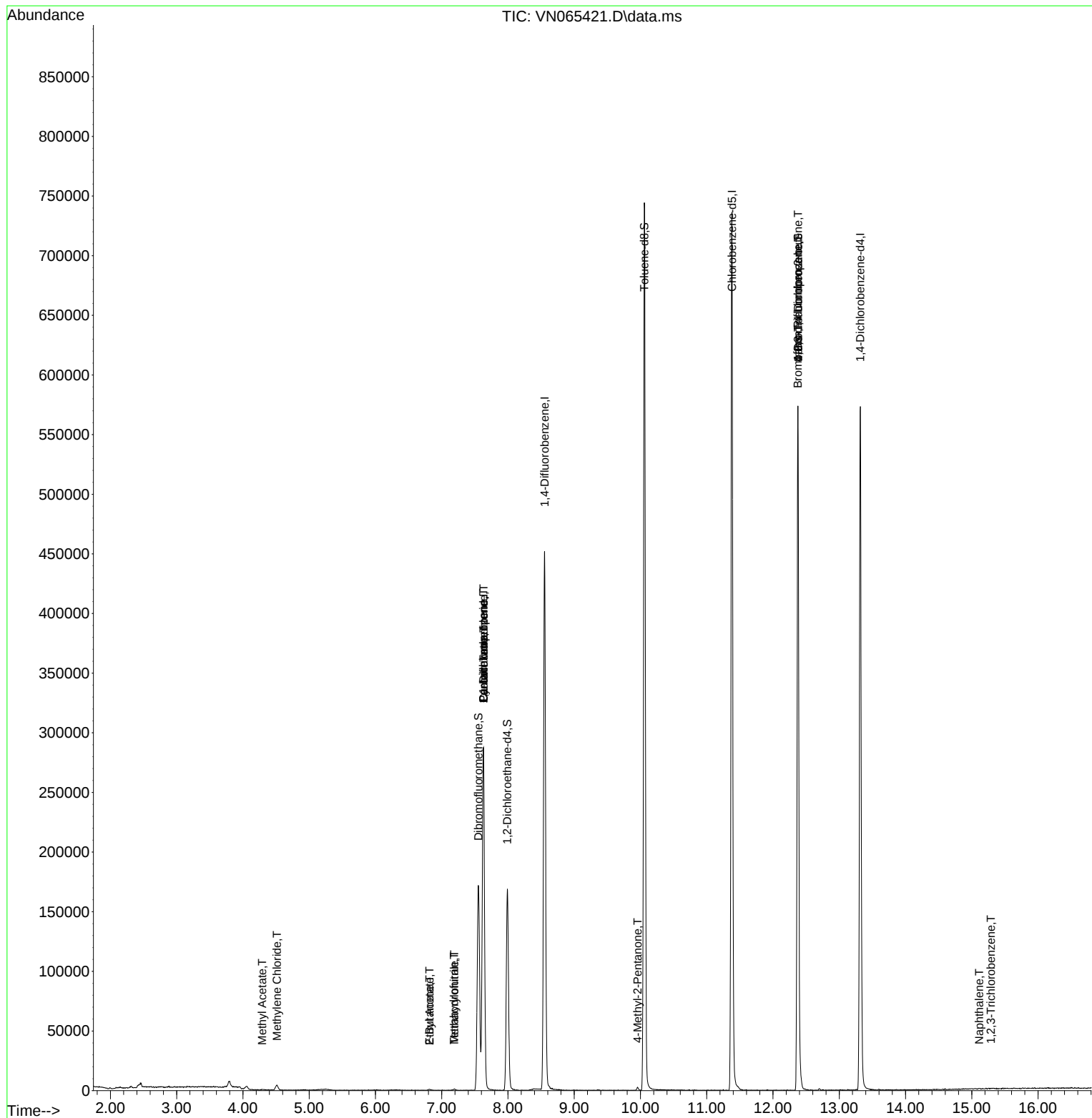
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.792	43	6912	Below Cal	#	80
18) Methyl Acetate	4.290	43	537	0.20	ug/l #	50
20) Methylene Chloride	4.515	84	3164	1.10	ug/l #	83
25) 2-Butanone	6.817	43	1488	0.90	ug/l #	49
29) Tetrahydrofuran	7.187	42	845	0.79	ug/l #	35
31) Cyclohexane	7.631	56	4395	1.01	ug/l #	3
36) 1,1-Dichloropropene	7.627	75	16688	4.18	ug/l #	49
37) Ethyl Acetate	6.817	43	1488	0.38	ug/l #	66
38) Carbon Tetrachloride	7.631	117	21892	5.22	ug/l #	17
41) Methacrylonitrile	7.190	41	544	0.26	ug/l #	13
51) 4-Methyl-2-Pentanone	9.955	43	1993	0.52	ug/l	90
71) Bromoform	12.373	173	1451	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	98409	26.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	98409	67.91	ug/l #	15
95) Naphthalene	15.113	128	513	3.42	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.289	180	62	3.24	ug/l #	12

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

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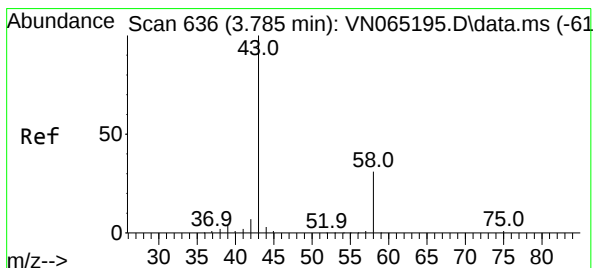
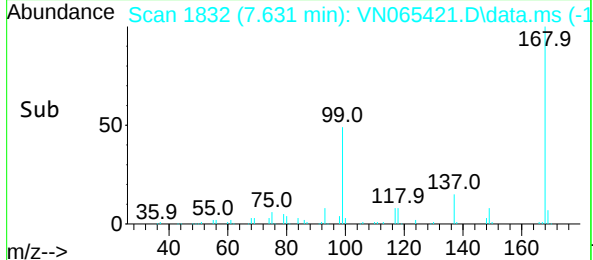
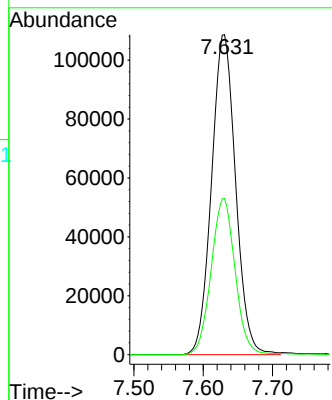
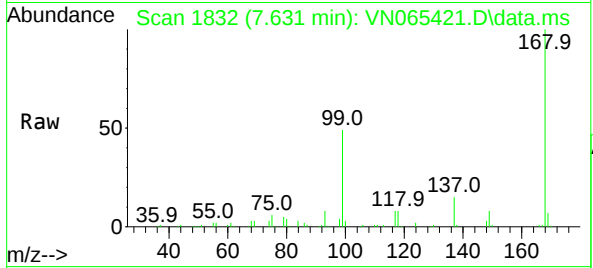




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

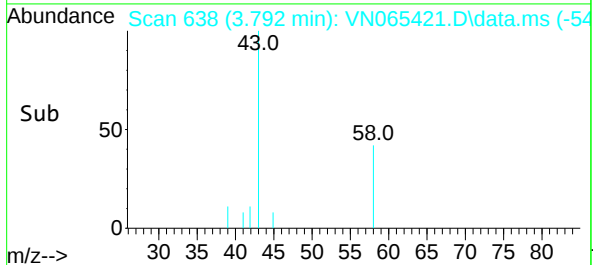
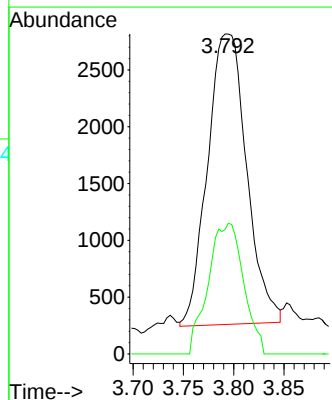
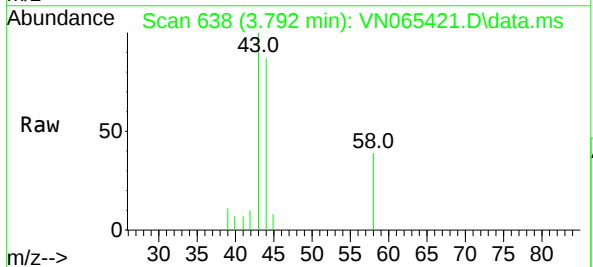
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

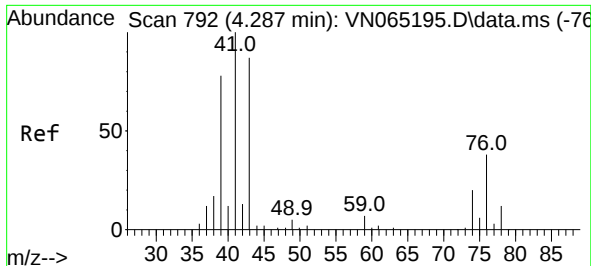
Tgt Ion:168 Resp: 262232
Ion Ratio Lower Upper
168 100
99 48.8 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

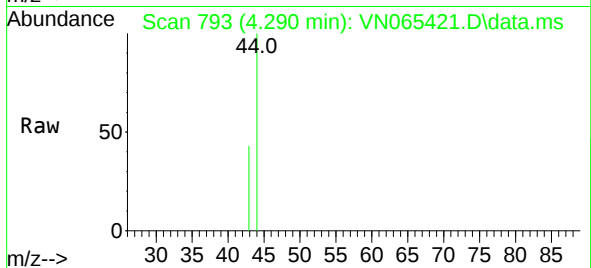
Tgt Ion: 43 Resp: 6912
Ion Ratio Lower Upper
43 100
58 43.2 25.7 38.5#



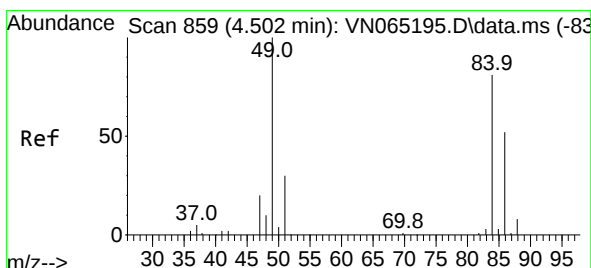
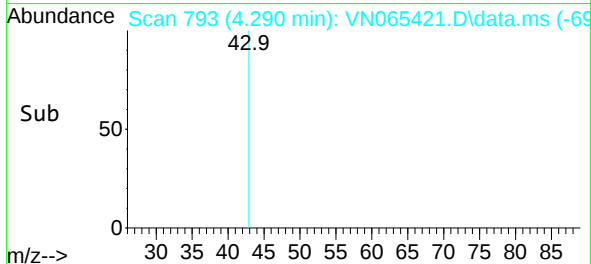
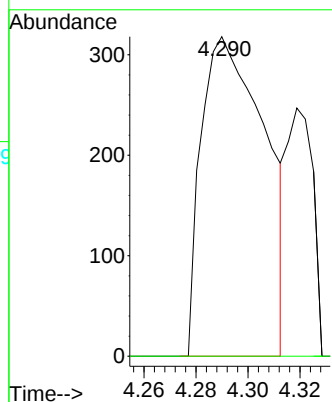


#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

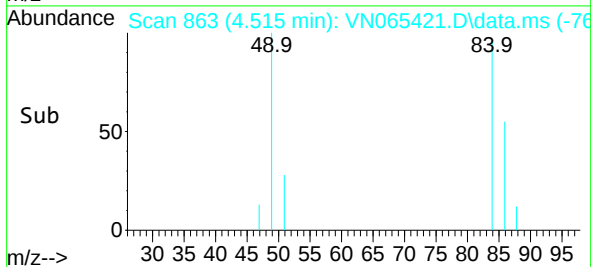
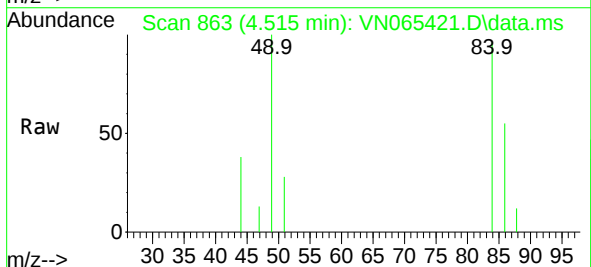
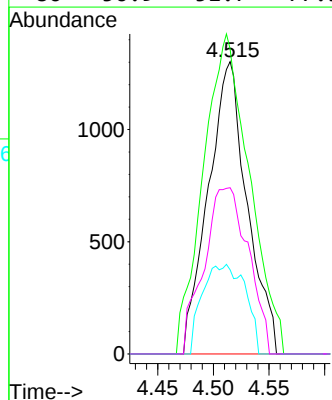


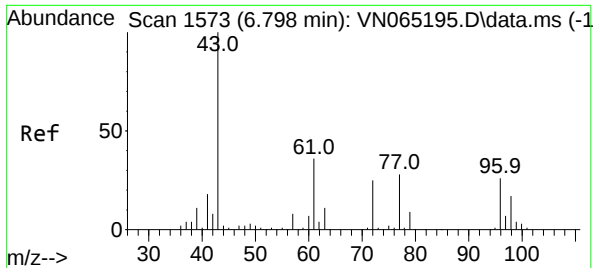
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 1.10 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion: 84 Resp: 3164
Ion Ratio Lower Upper
84 100
49 92.6 93.4 140.0#
51 28.8 28.2 42.4
86 56.9 51.7 77.5

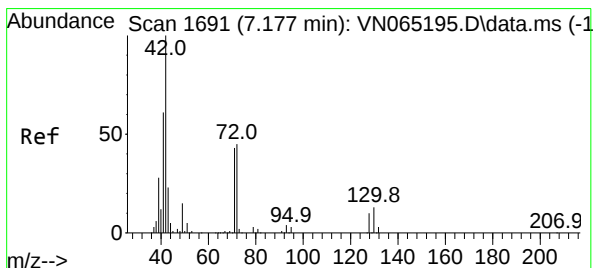
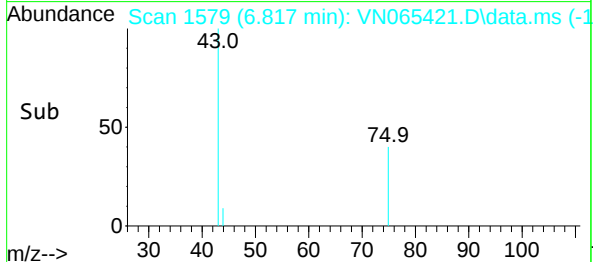
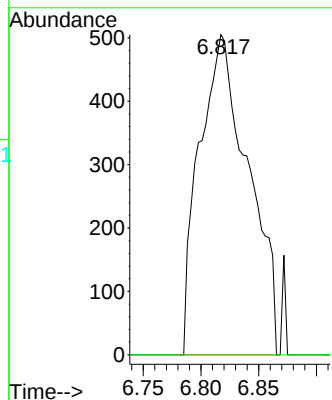
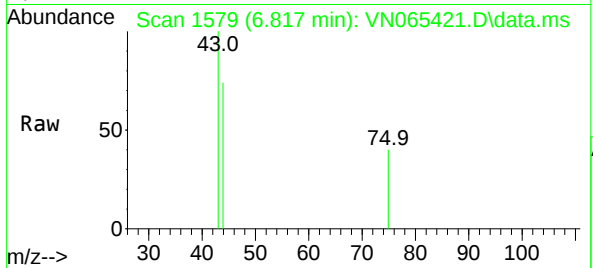




#25
2-Butanone
Concen: 0.90 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.019 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

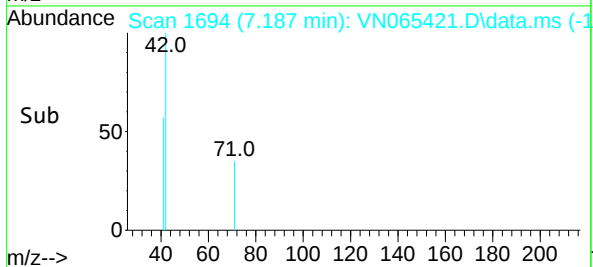
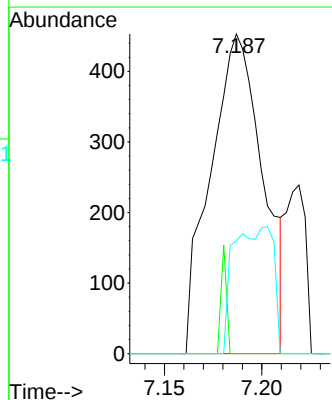
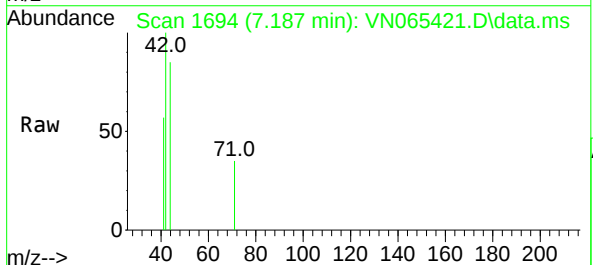
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

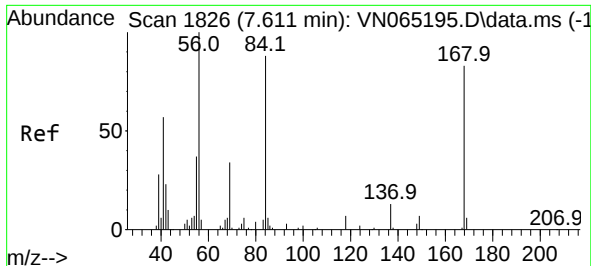
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.79 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.010 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

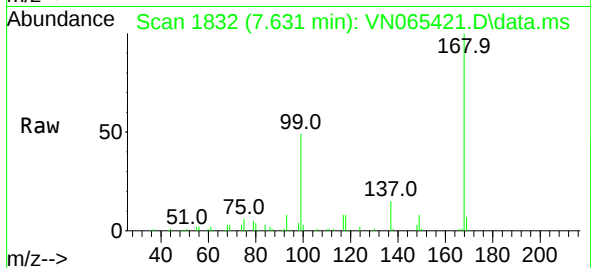
Tgt Ion: 42 Resp: 845
Ion Ratio Lower Upper
42 100
72 3.6 36.6 54.8#
71 0.0 33.6 50.4#



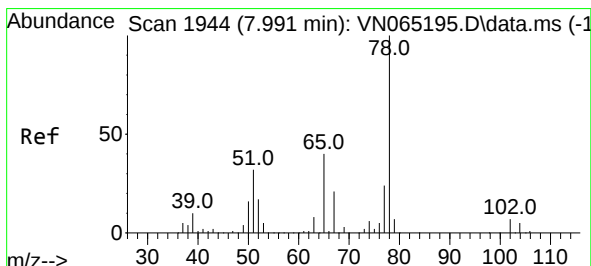
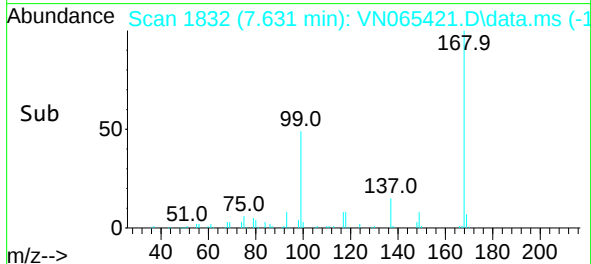
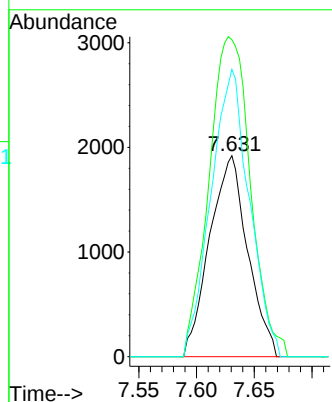


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.020 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

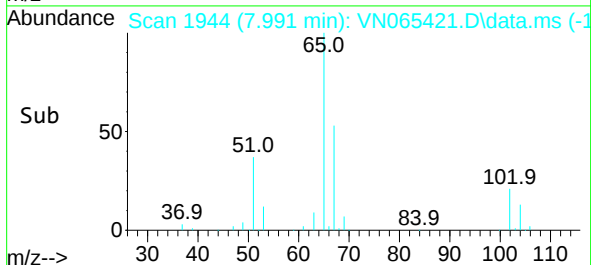
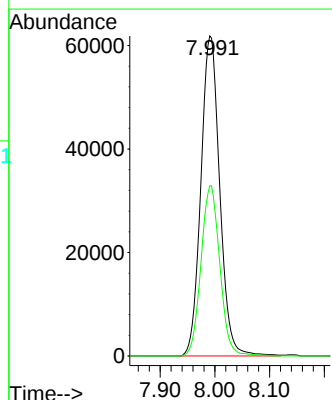
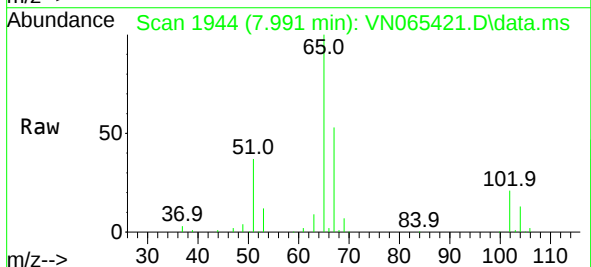


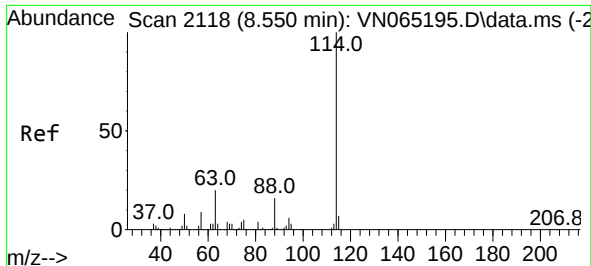
Tgt Ion: 56 Resp: 4395
Ion Ratio Lower Upper
56 100
69 157.9 27.5 41.3#
84 142.9 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion: 65 Resp: 148122
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2

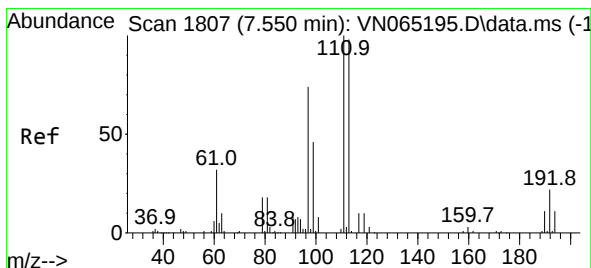
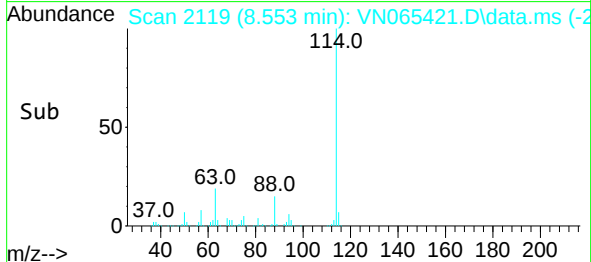
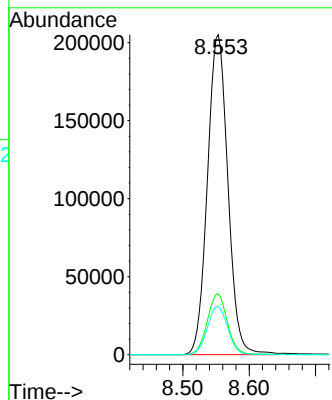
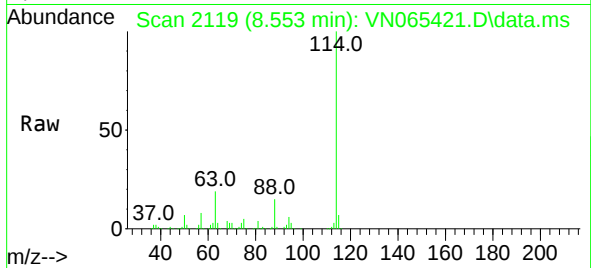




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

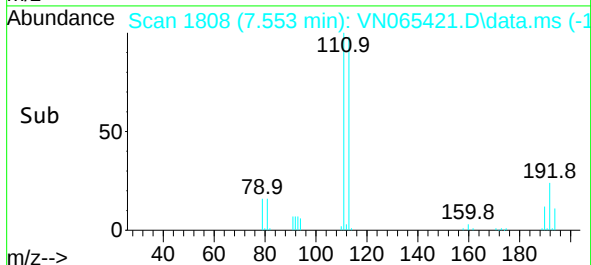
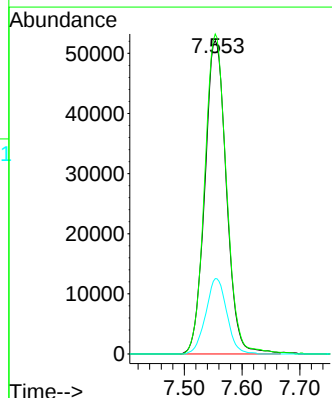
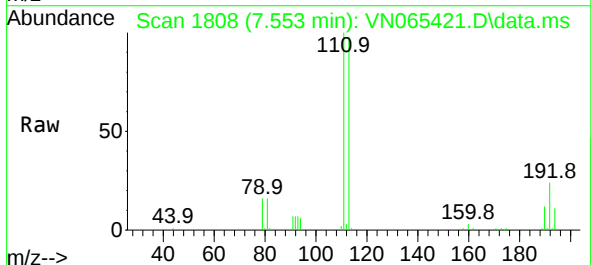
Instrument :
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ClientSampleId :
EB-01-010621

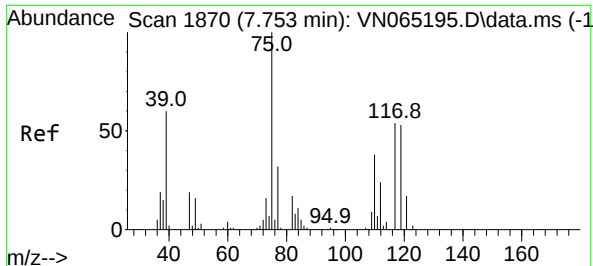
Tgt Ion:114 Resp: 439380
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion:113 Resp: 135121
Ion Ratio Lower Upper
113 100
111 102.7 81.6 122.4
192 23.5 16.2 24.2



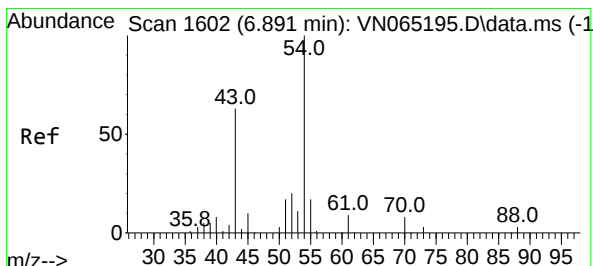
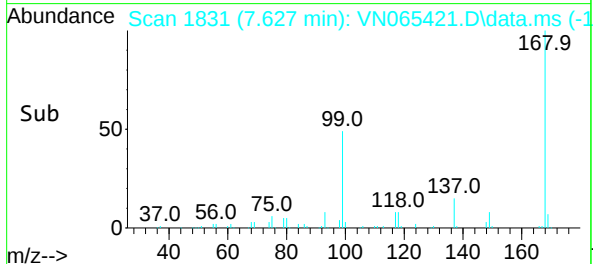
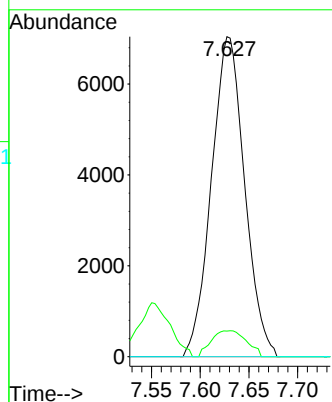
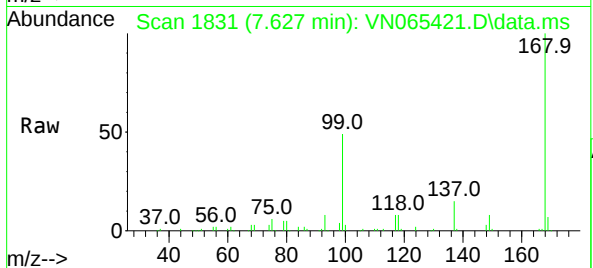


#36

1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

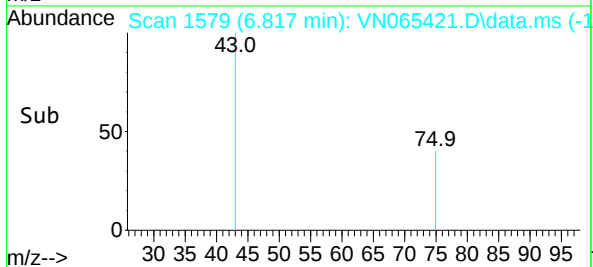
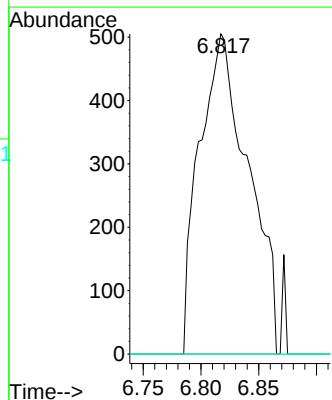
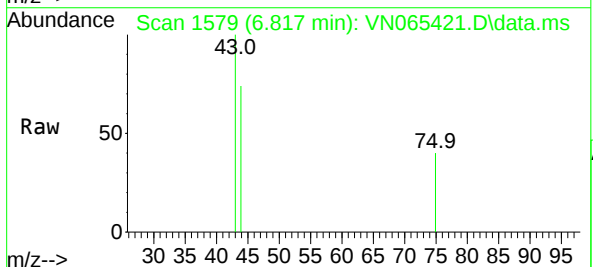
Tgt Ion: 75 Resp: 16688
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 25.0 37.4#

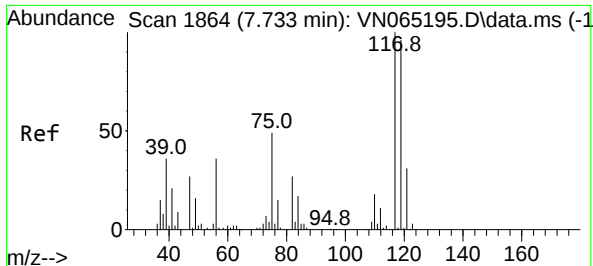


#37

Ethyl Acetate
Concen: 0.38 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. -0.074 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

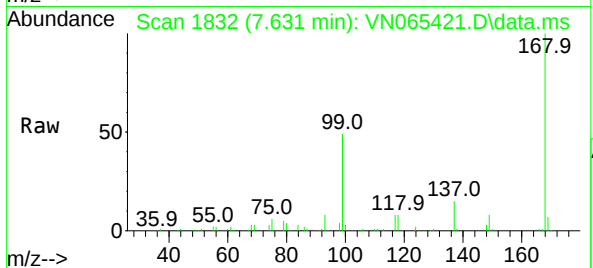
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



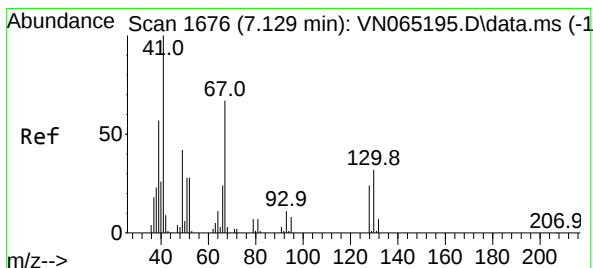
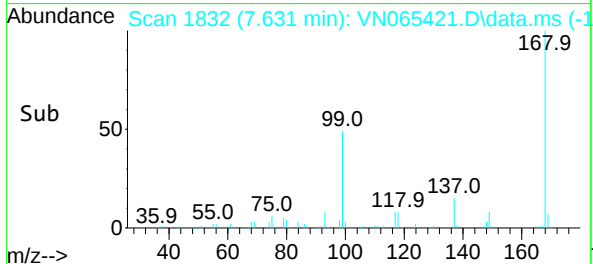
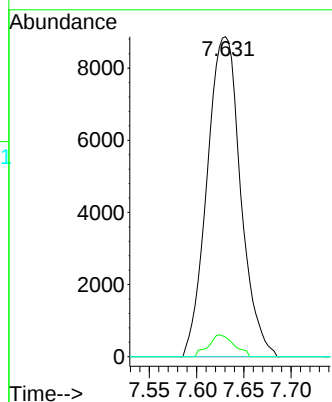


#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

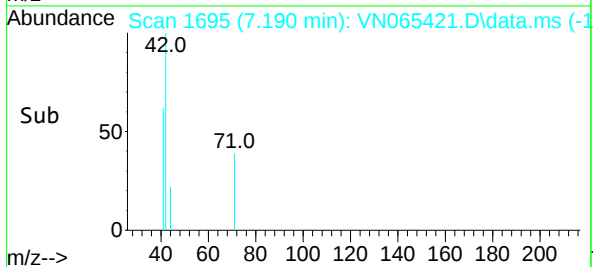
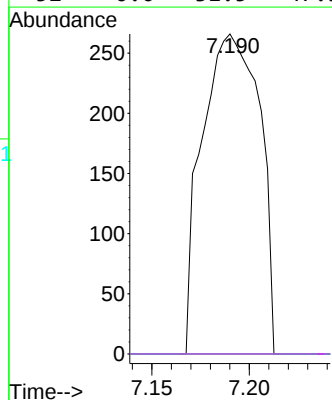
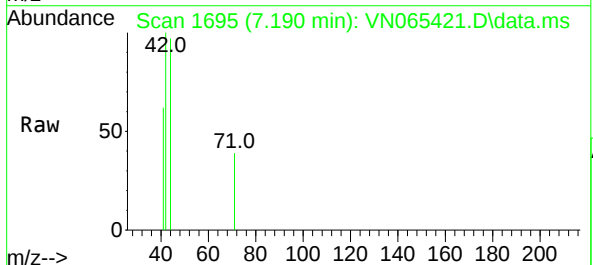


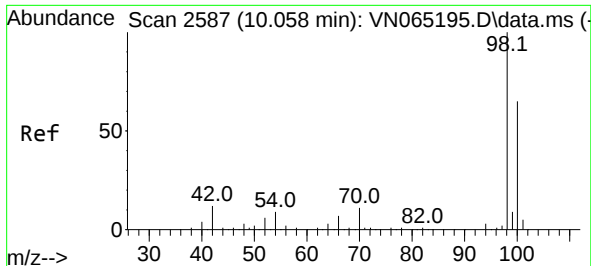
Tgt Ion:117 Resp: 21892
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 25.4 38.2#



#41
Methacrylonitrile
Concen: 0.26 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.061 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion: 41 Resp: 544
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#

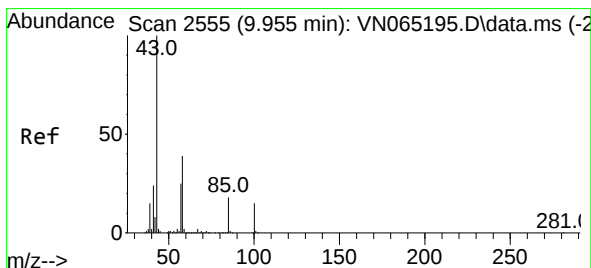
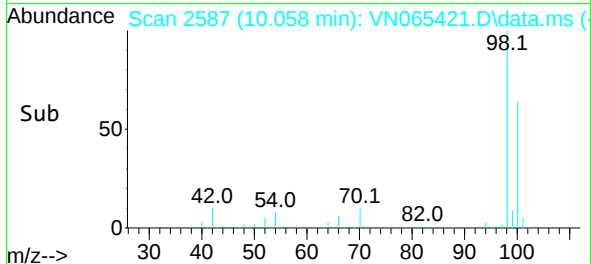
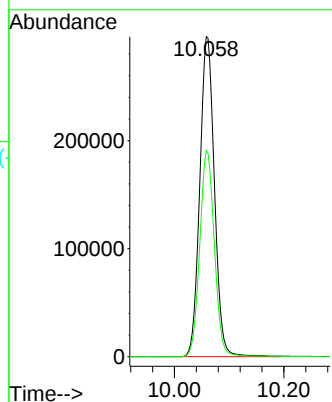
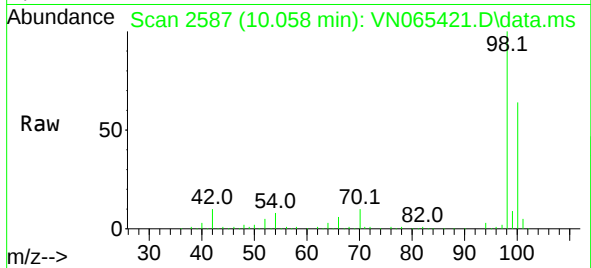




#50
Toluene-d8
Concen: 55.34 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

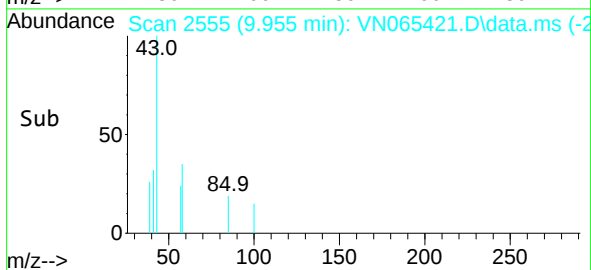
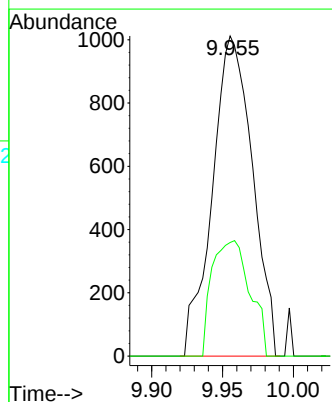
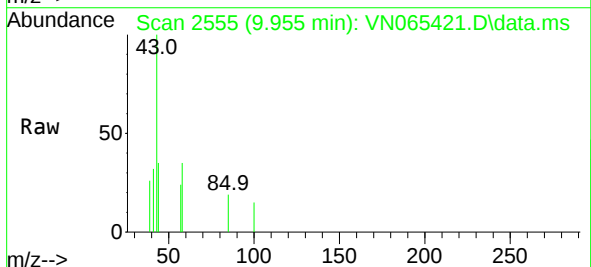
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

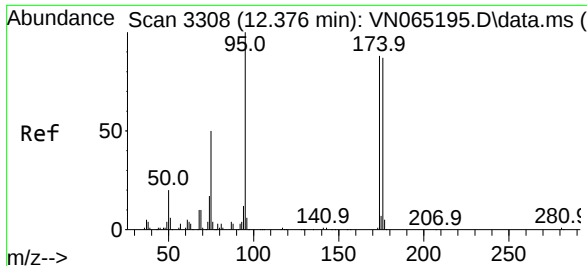
Tgt Ion: 98 Resp: 549809
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 34.0 32.4 48.6

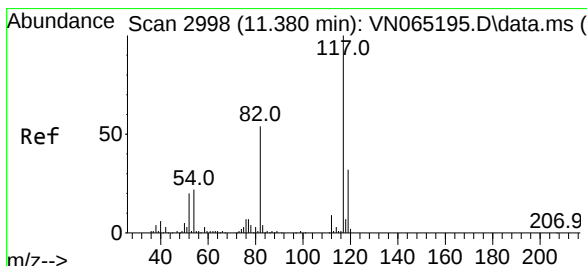
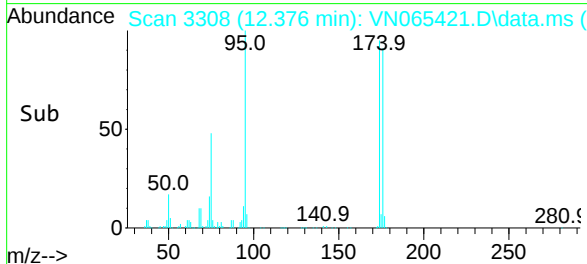
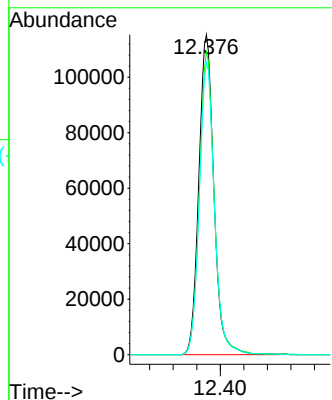
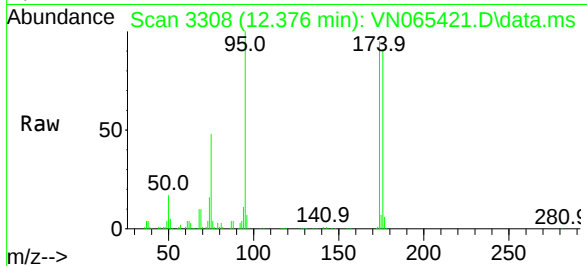




#62
4-Bromofluorobenzene
Concen: 51.98 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

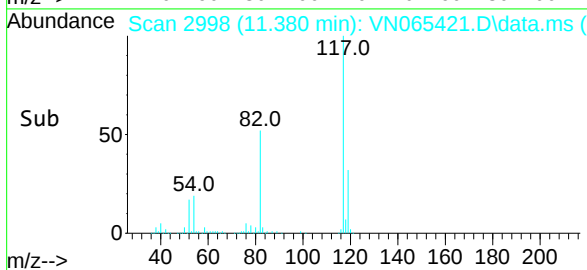
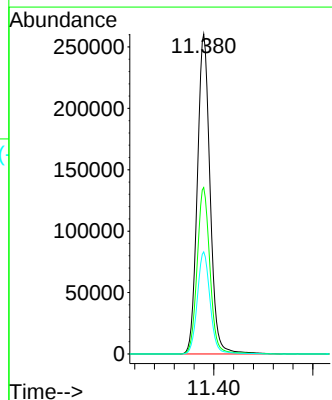
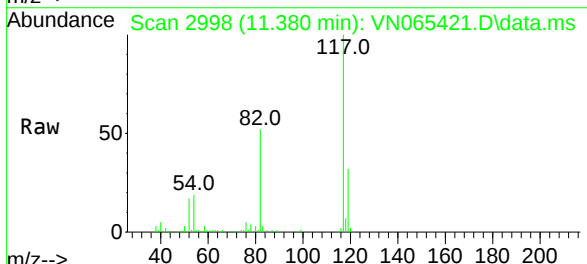
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

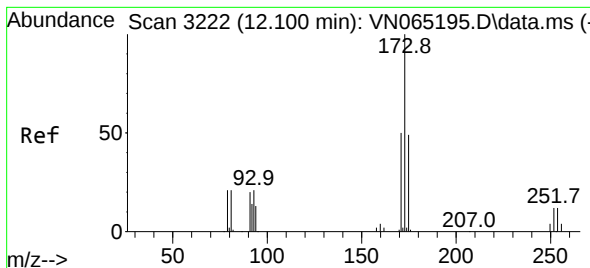
Tgt Ion: 95 Resp: 205141
Ion Ratio Lower Upper
95 100
174 93.9 0.0 160.4
176 91.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion: 117 Resp: 467630
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 31.9 25.8 38.6

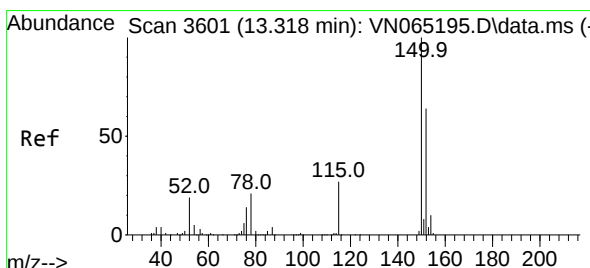
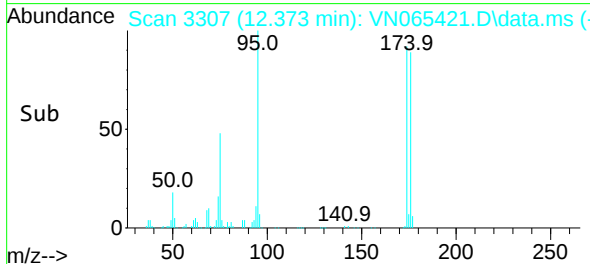
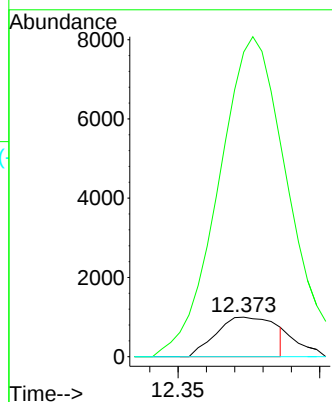
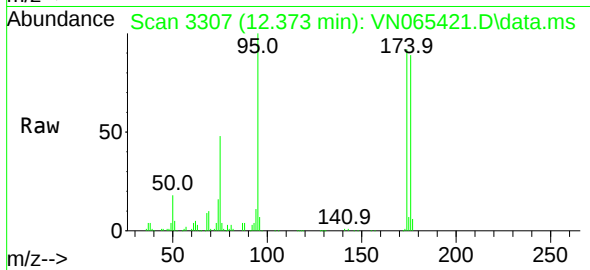




#71
Bromoform
Concen: 0.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

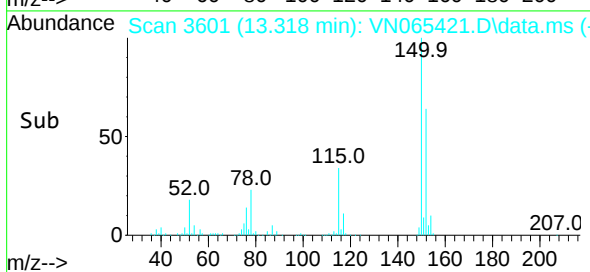
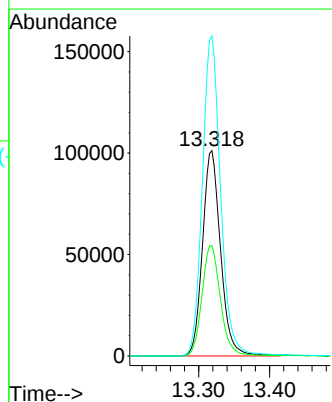
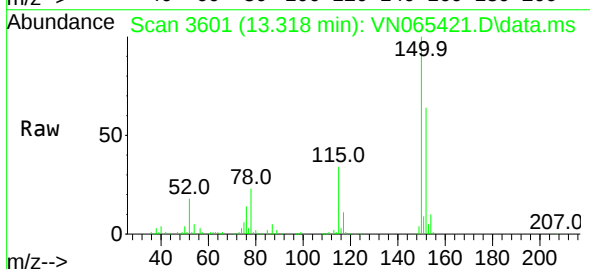
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

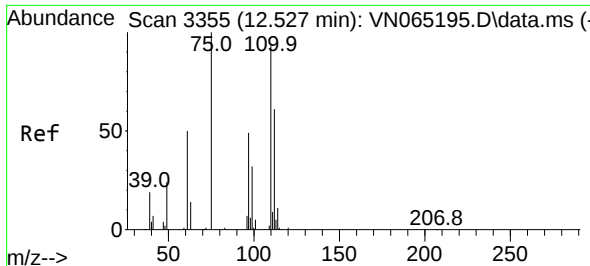
Tgt Ion:173 Resp: 1451
Ion Ratio Lower Upper
173 100
175 779.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion:152 Resp: 179108
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 157.2 0.0 350.6

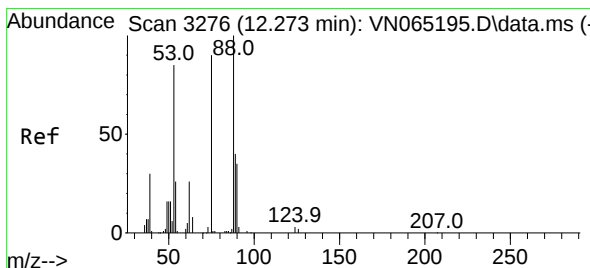
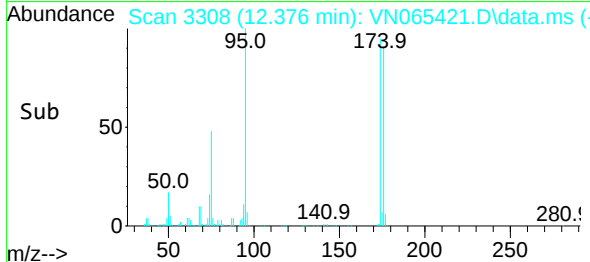
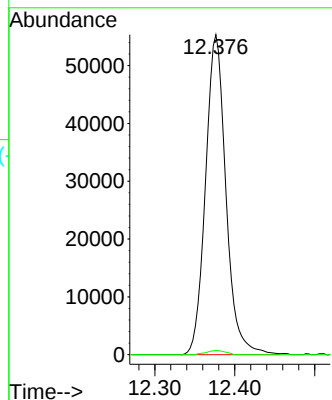
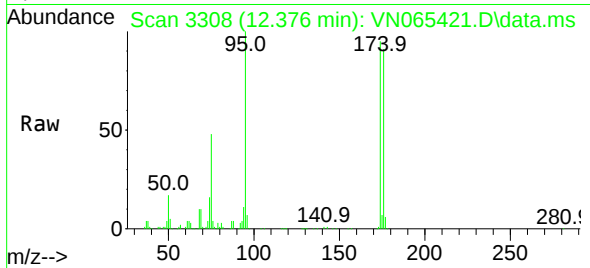




#76
1,2,3-Trichloropropane
Concen: 26.93 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

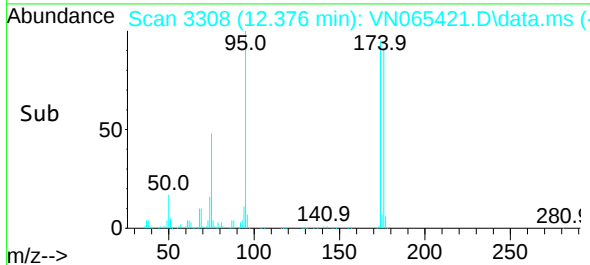
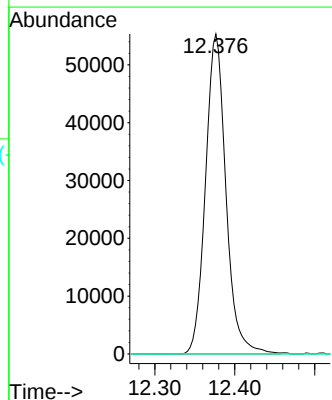
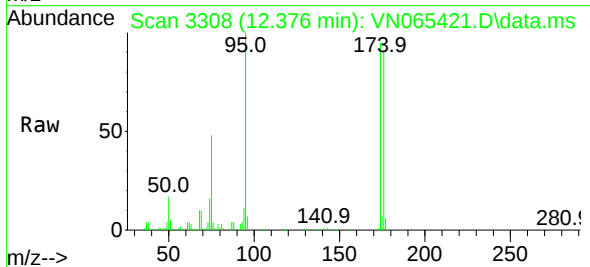
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

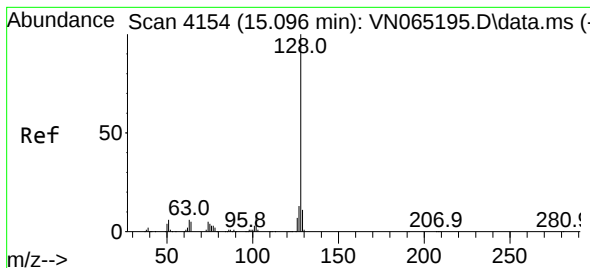
Tgt Ion: 75 Resp: 98409
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.91 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion: 75 Resp: 98409
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

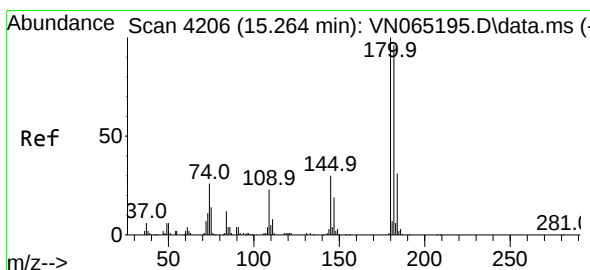
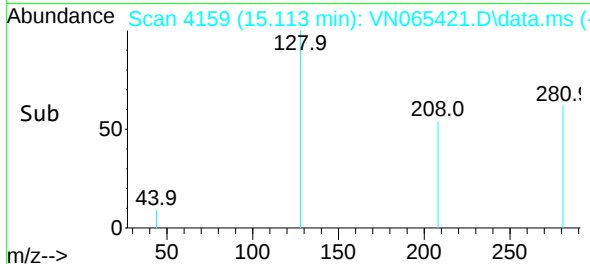
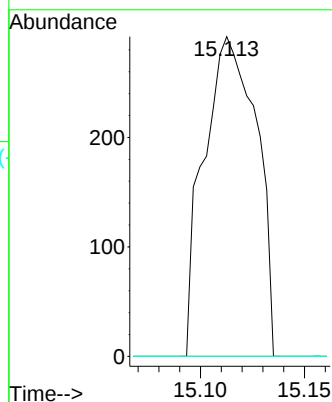
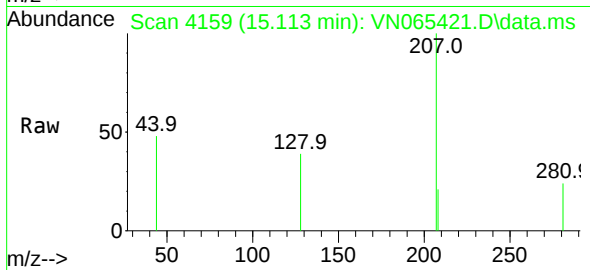




#95
Naphthalene
Concen: 3.42 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Instrument :
MSVOA_N
ClientSampleId :
EB-01-010621

Tgt Ion:128 Resp: 513
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: 3.24 ug/l
RT: 15.289 min Scan# 4214
Delta R.T. 0.025 min
Lab File: VN065421.D
Acq: 7 Jan 2021 12:47

Tgt Ion:180 Resp: 62
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.4#
145 0.0 16.4 49.1#

