

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065406.D
 Acq On : 6 Jan 2021 17:42
 Operator : JC/MD
 Sample : M1022-08 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16790DL

Quant Time: Jan 07 01:29:48 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)

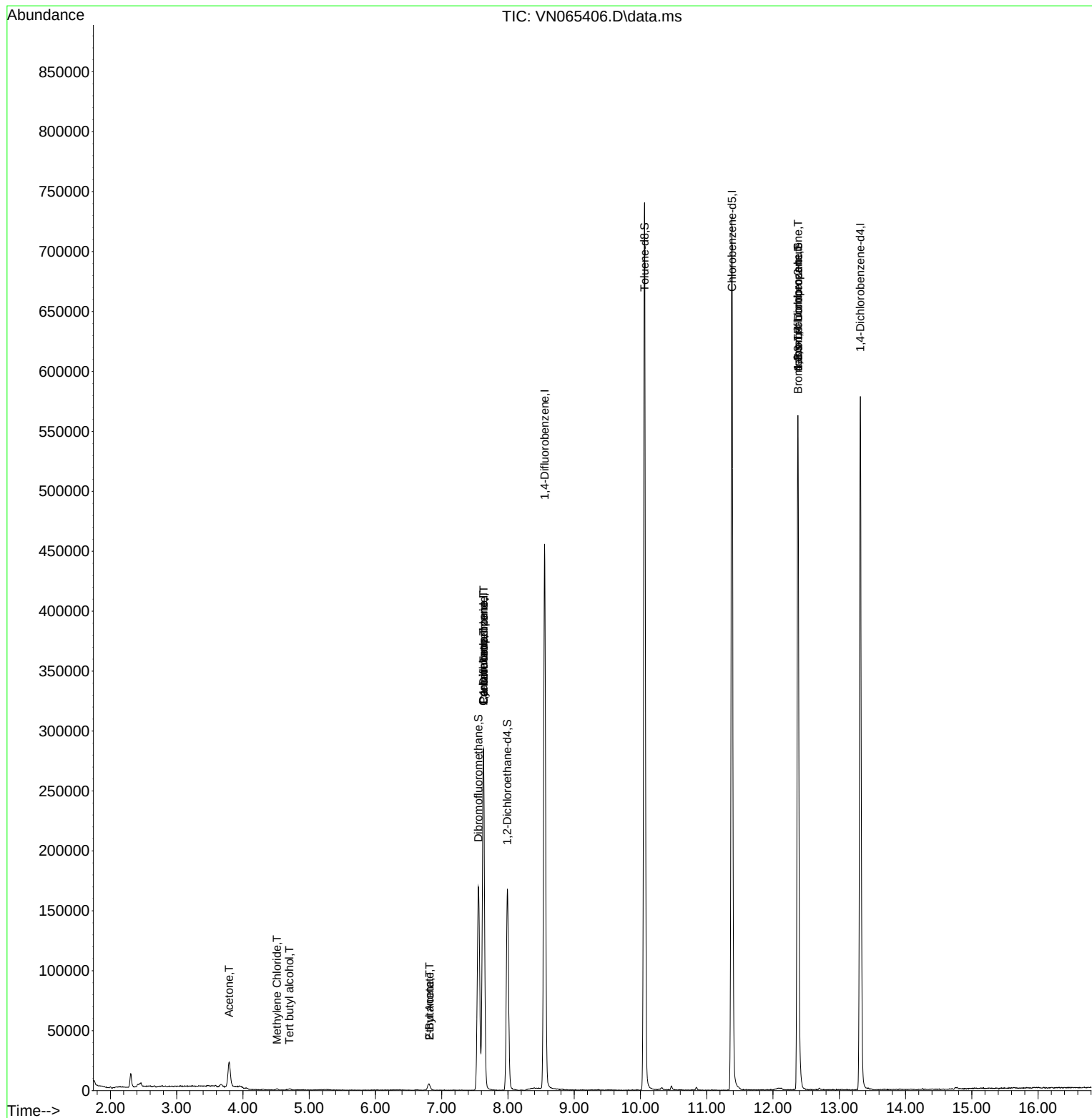
Internal Standards						
1) Pentafluorobenzene	7.630	168	259560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	433871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	461034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	178278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	147667	50.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.78%			
35) Dibromofluoromethane	7.553	113	132379	50.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.14%			
50) Toluene-d8	10.061	98	538776	54.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.84%			
62) 4-Bromofluorobenzene	12.376	95	204295	52.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.76%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.701	59	946	1.97	ug/l #	73
16) Acetone	3.791	43	33597	17.31	ug/l	89
20) Methylene Chloride	4.515	84	653	0.23	ug/l #	64
25) 2-Butanone	6.814	43	932	0.57	ug/l #	49
31) Cyclohexane	7.627	56	3993	0.92	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16458	4.17	ug/l #	44
37) Ethyl Acetate	6.814	43	932	0.24	ug/l #	66
38) Carbon Tetrachloride	7.630	117	21486	5.19	ug/l #	16
71) Bromoform	12.379	173	984	0.31	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	97940	26.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	97940	67.90	ug/l #	15

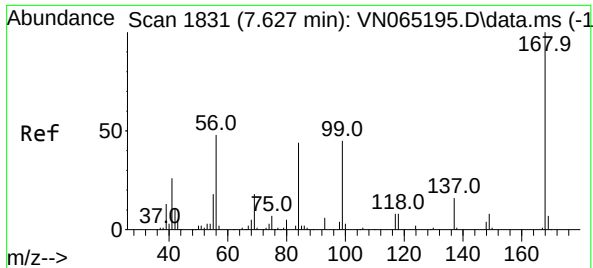
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

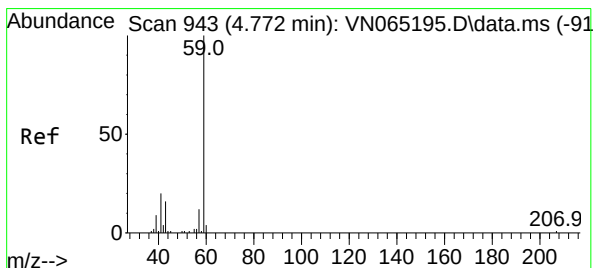
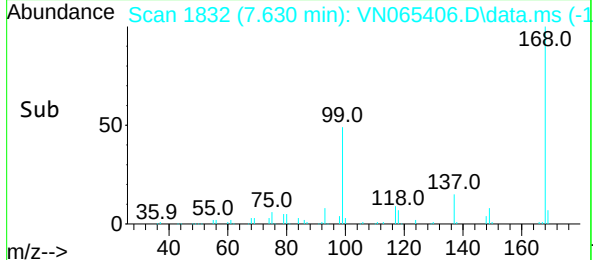
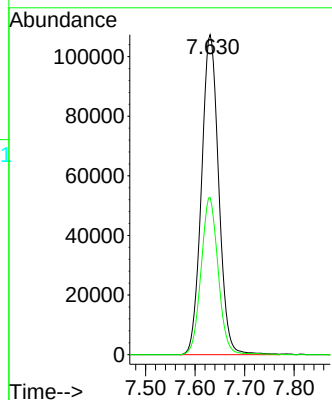
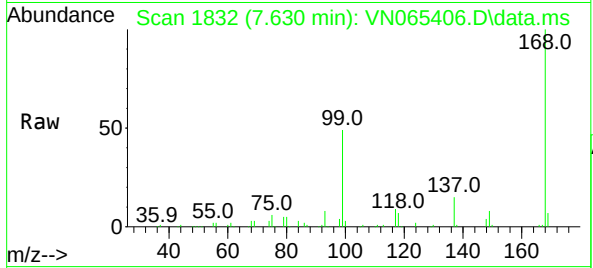




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

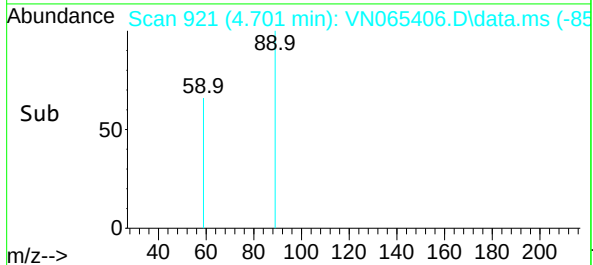
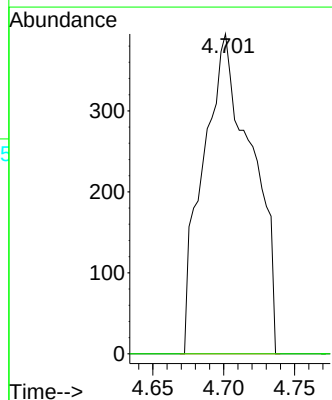
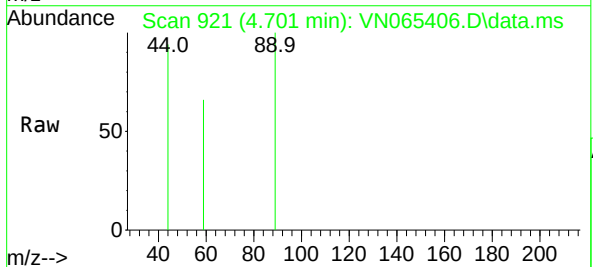
Instrument :
MSVOA_N
ClientSampled :
16790DL

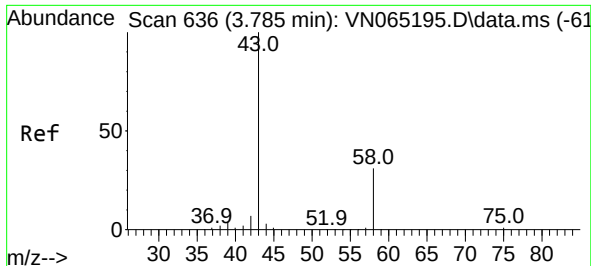
Tgt Ion:168 Resp: 259560
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.97 ug/l
RT: 4.701 min Scan# 921
Delta R.T. -0.071 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

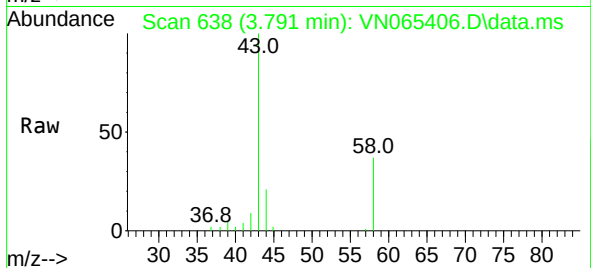
Tgt Ion: 59 Resp: 946
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



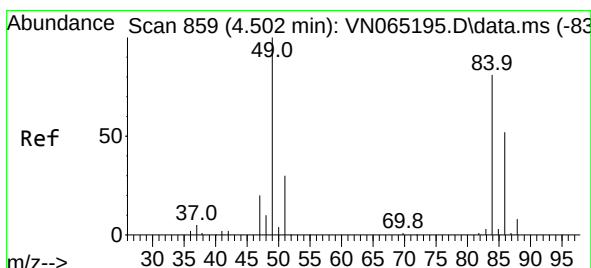
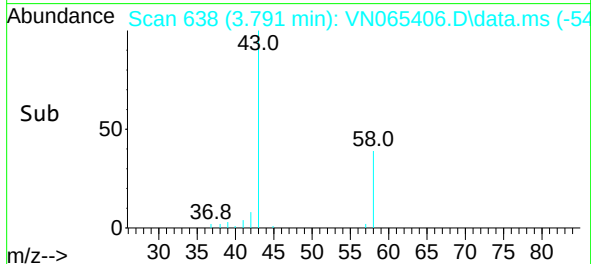
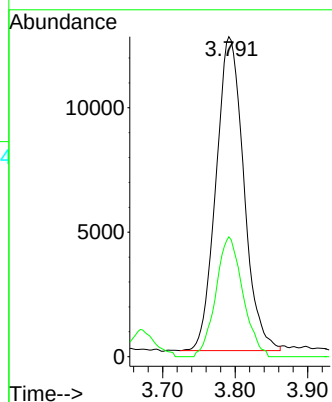


#16
Acetone
Concen: 17.31 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

Instrument :
MSVOA_N
ClientSampled :
16790DL

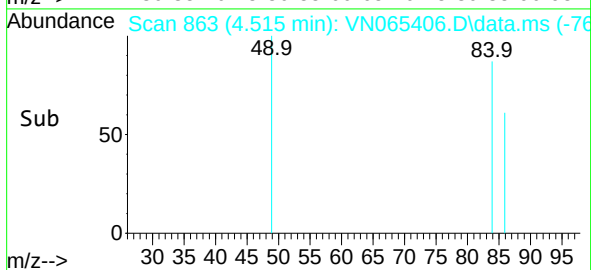
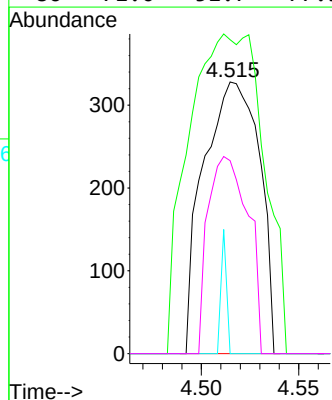
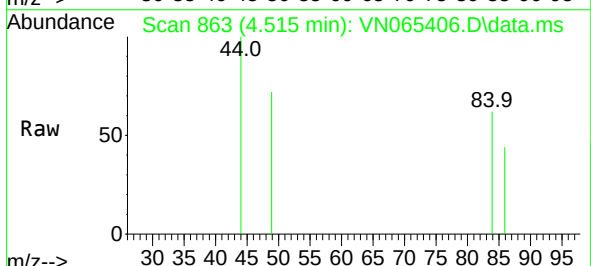


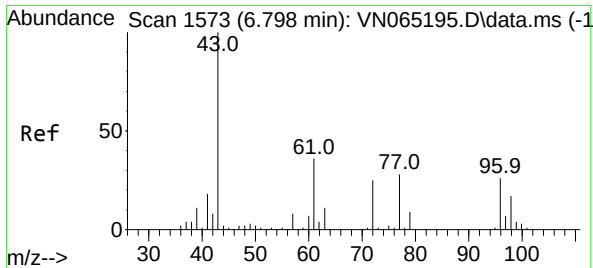
Tgt Ion: 43 Resp: 33597
Ion Ratio Lower Upper
43 100
58 38.2 25.7 38.5



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

Tgt Ion: 84 Resp: 653
Ion Ratio Lower Upper
84 100
49 69.5 93.4 140.0#
51 0.0 28.2 42.4#
86 71.0 51.7 77.5

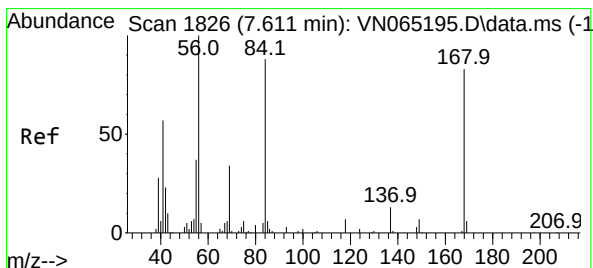
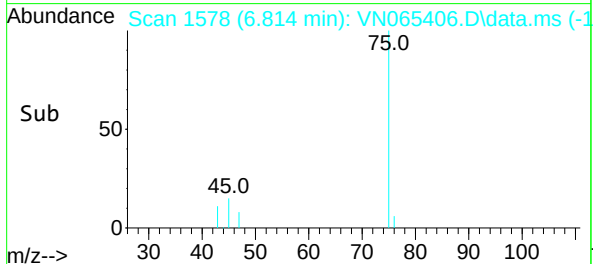
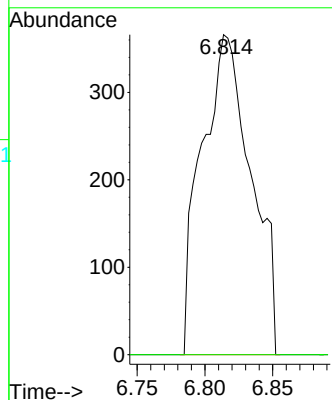
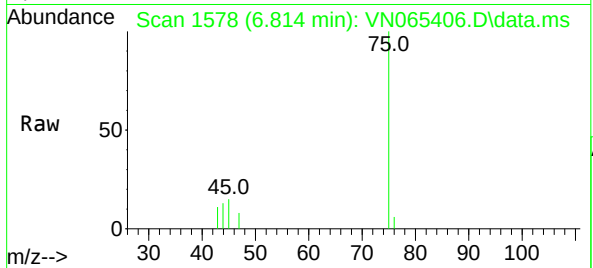




#25
2-Butanone
Concen: 0.57 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

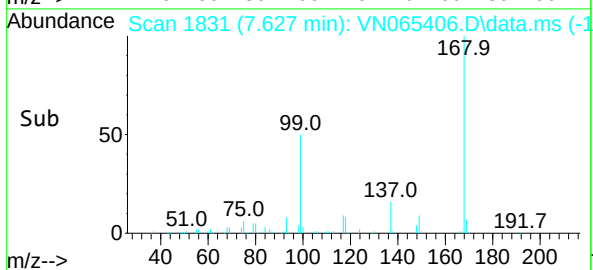
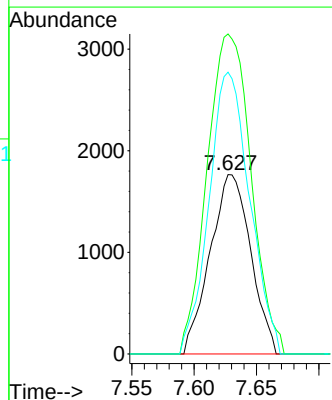
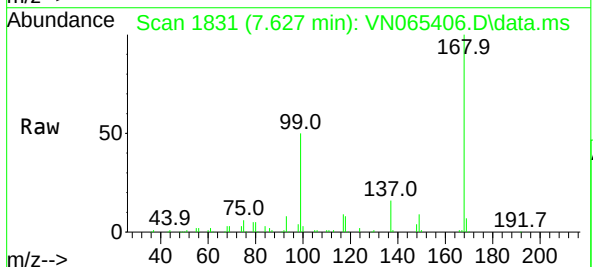
Instrument :
MSVOA_N
ClientSampled :
16790DL

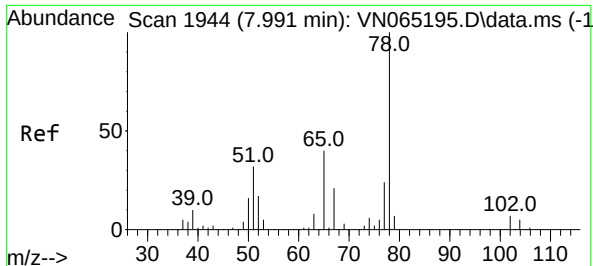
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

Tgt Ion: 56 Resp: 3993
Ion Ratio Lower Upper
56 100
69 178.4 27.5 41.3#
84 157.0 73.9 110.9#

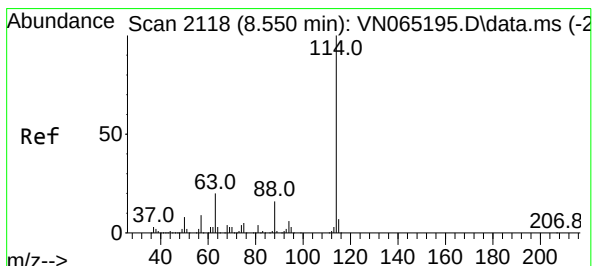
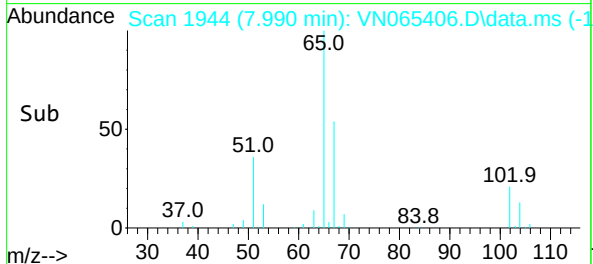
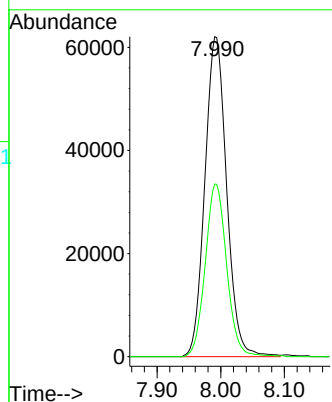
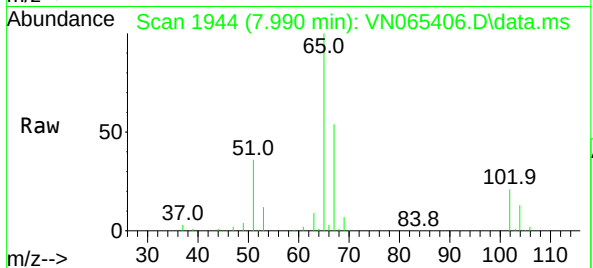




#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

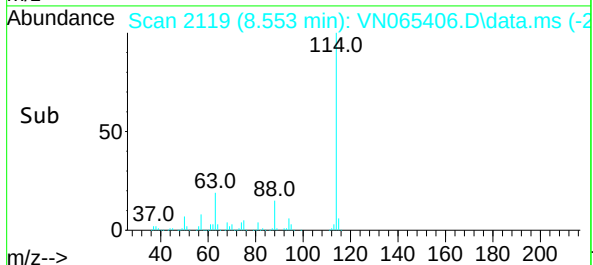
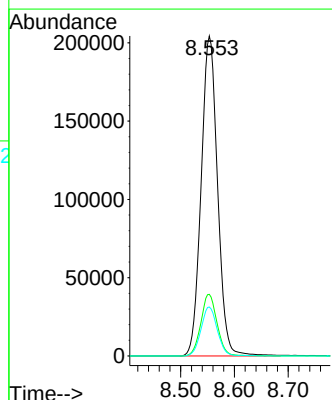
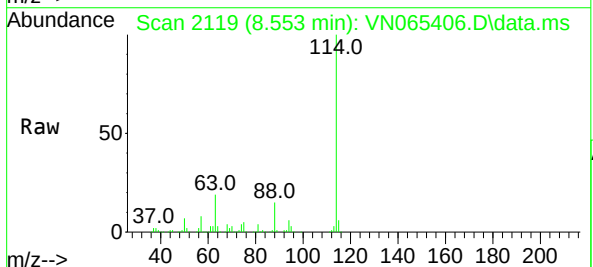
Instrument :
MSVOA_N
ClientSampleId :
16790DL

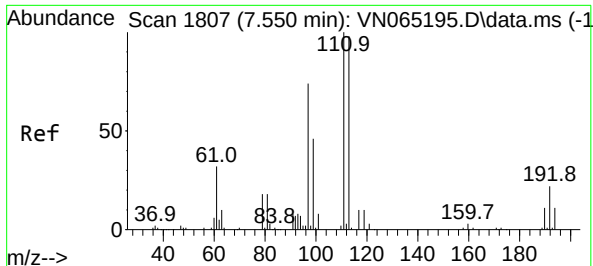
Tgt Ion: 65 Resp: 147667
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

Tgt Ion: 114 Resp: 433871
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.3 0.0 32.6

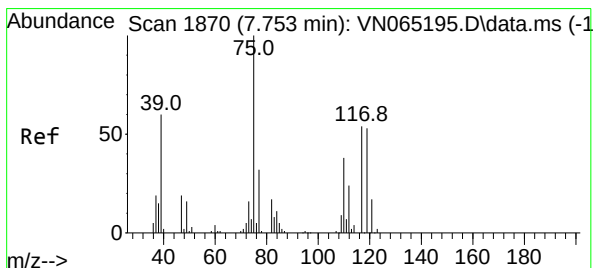
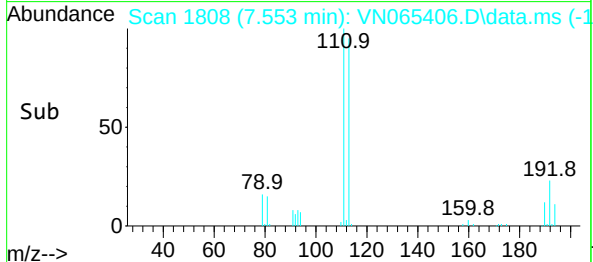
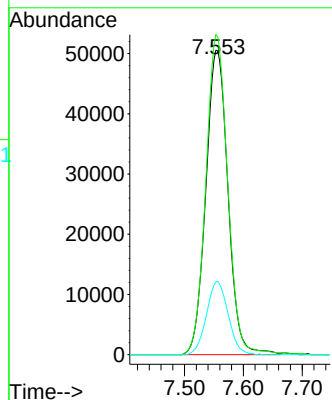
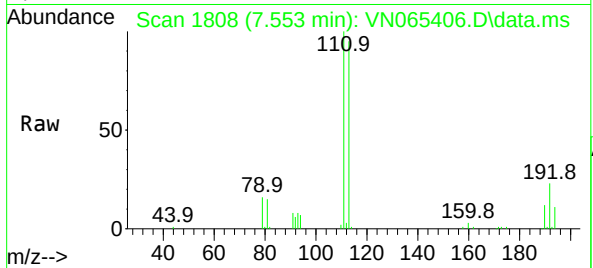




#35
Dibromofluoromethane
Concen: 50.57 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

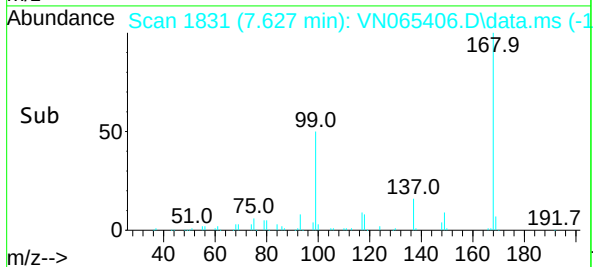
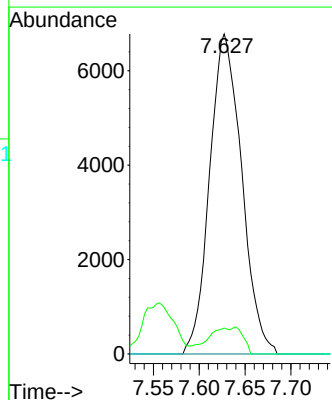
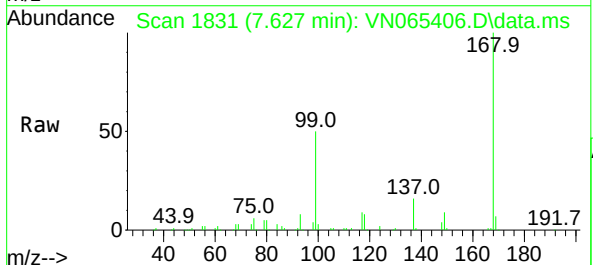
Instrument :
MSVOA_N
ClientSampled :
16790DL

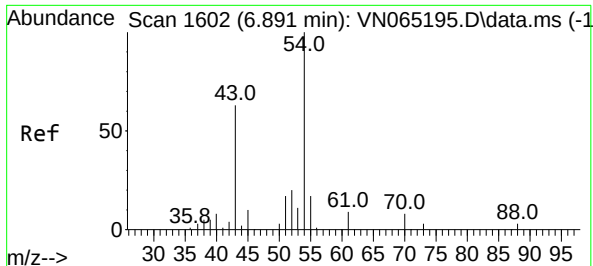
Tgt Ion:113 Resp: 132379
Ion Ratio Lower Upper
113 100
111 103.7 81.6 122.4
192 23.5 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

Tgt Ion: 75 Resp: 16458
Ion Ratio Lower Upper
75 100
110 2.8 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.24 ug/l

RT: 6.814 min Scan# 1578

Delta R.T. -0.077 min

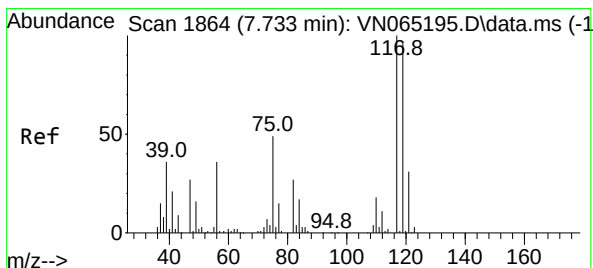
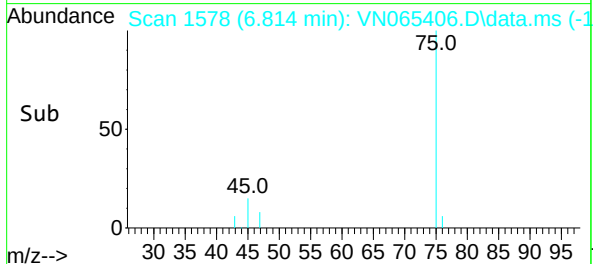
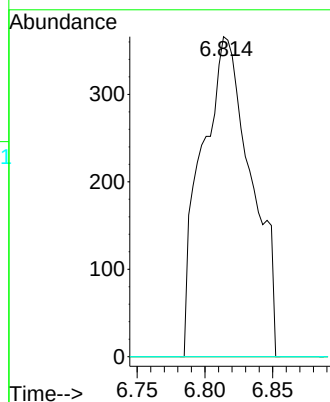
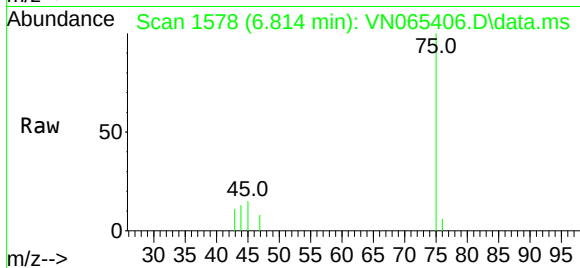
Lab File: VN065406.D

Acq: 6 Jan 2021 17:42

Instrument :
MSVOA_N
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16790DL

Tgt Ion: 43 Resp: 932

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: 7.630 min Scan# 1832

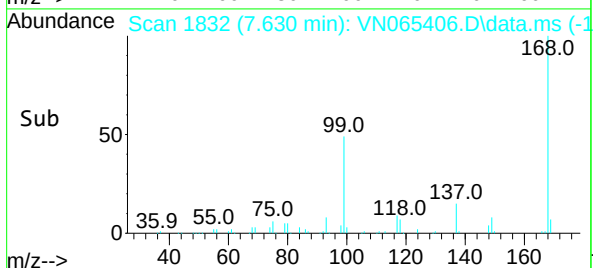
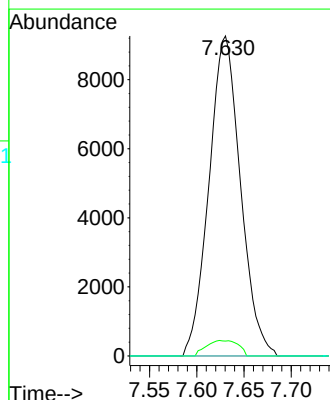
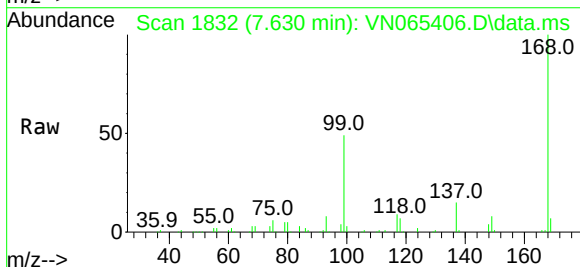
Delta R.T. -0.103 min

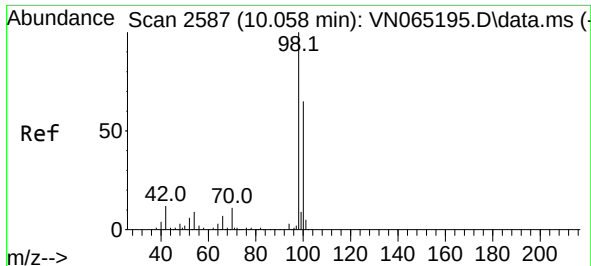
Lab File: VN065406.D

Acq: 6 Jan 2021 17:42

Tgt Ion: 117 Resp: 21486

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.7	115.1#
121	0.0	25.4	38.2#

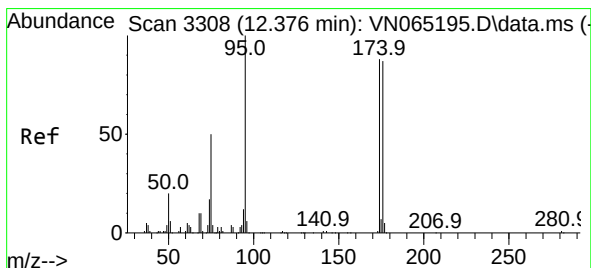
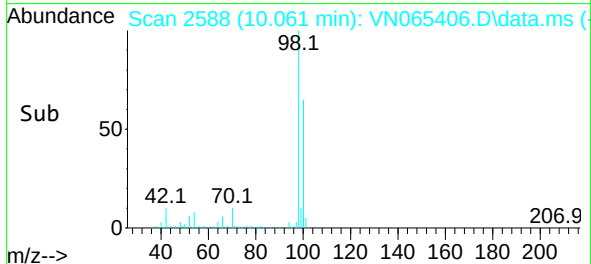
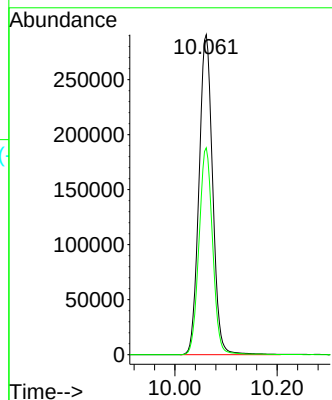
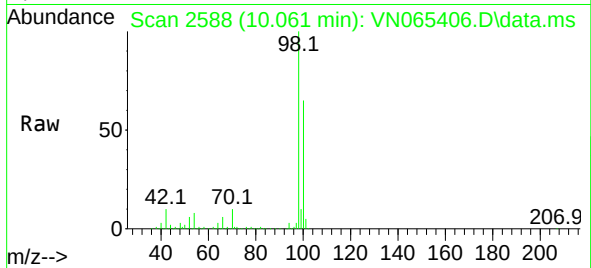




#50
Toluene-d8
Concen: 54.92 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

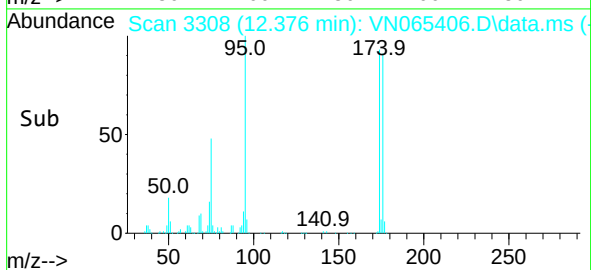
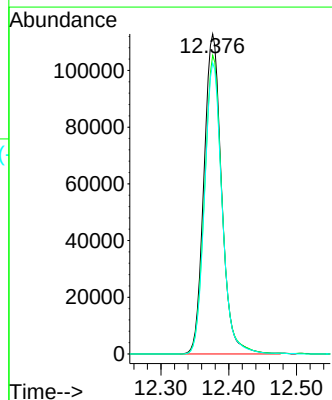
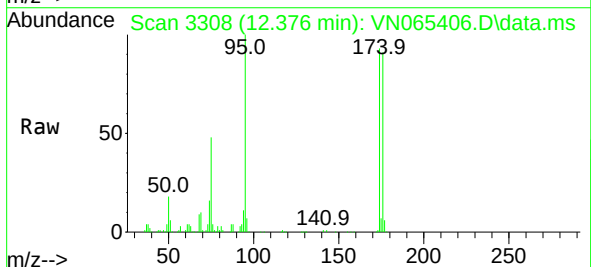
Instrument :
MSVOA_N
ClientSampled :
16790DL

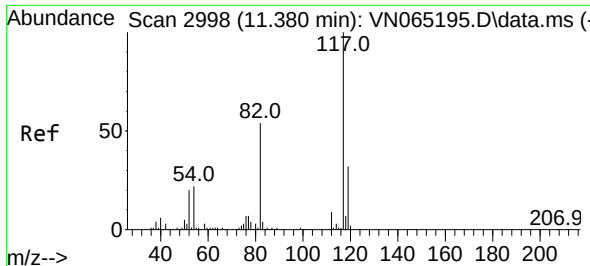
Tgt Ion: 98 Resp: 538776
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.38 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

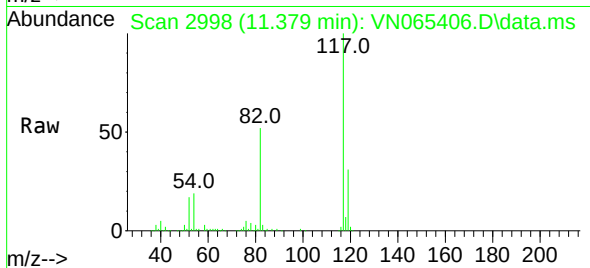
Tgt Ion: 95 Resp: 204295
Ion Ratio Lower Upper
95 100
174 92.3 0.0 160.4
176 90.1 0.0 158.4



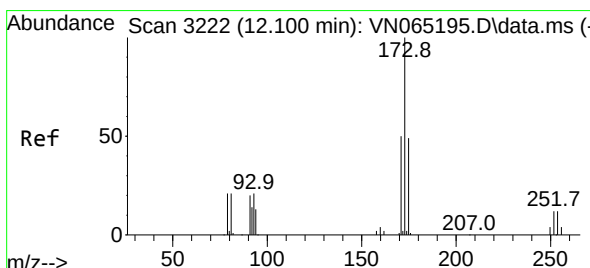
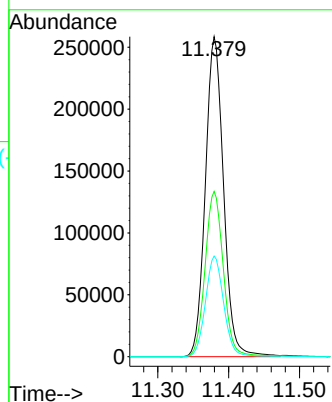
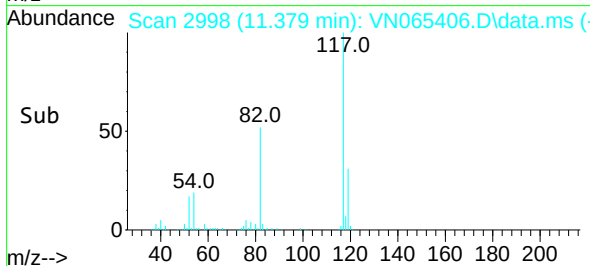


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

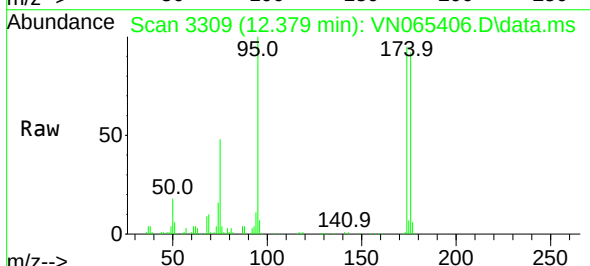
Instrument :
MSVOA_N
ClientSampleId :
16790DL



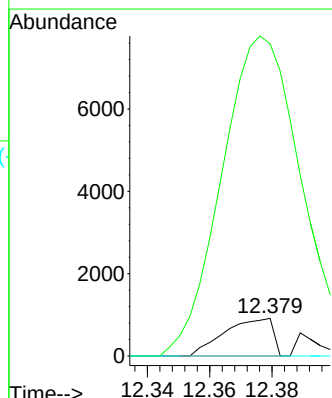
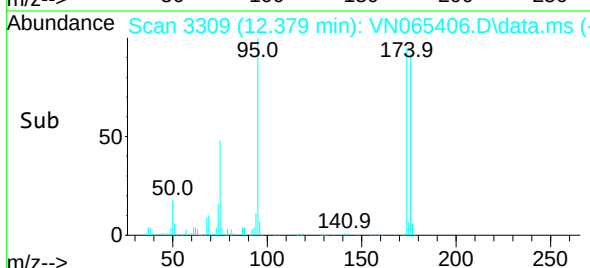
Tgt Ion:117 Resp: 461034
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.2
119 31.5 25.8 38.6

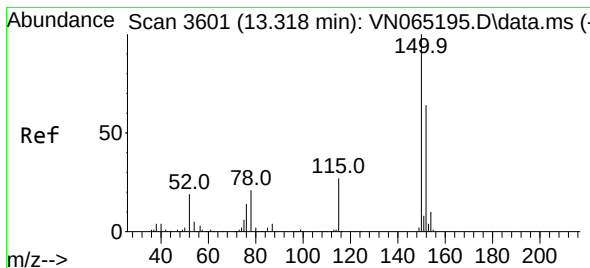


#71
Bromoform
Concen: 0.31 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42



Tgt Ion:173 Resp: 984
Ion Ratio Lower Upper
173 100
175 1143.9 24.3 72.8#
254 0.0 0.0 0.0

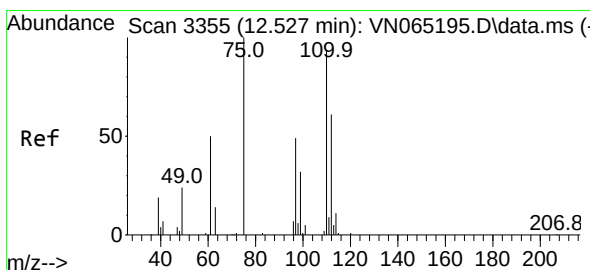
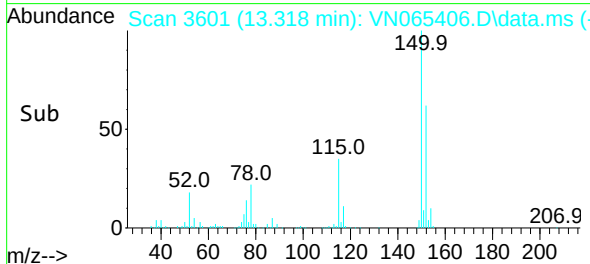
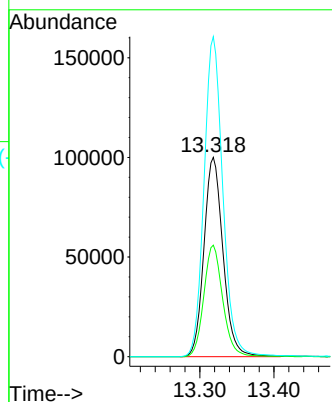
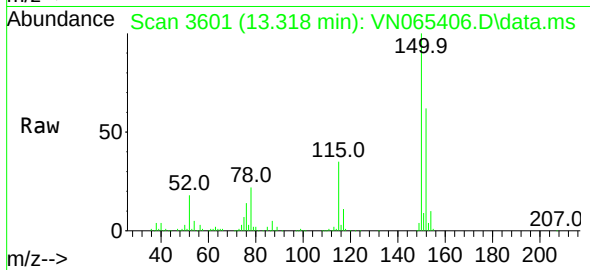




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

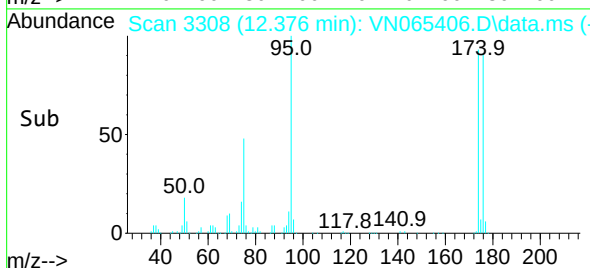
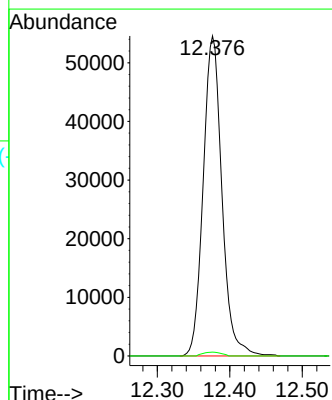
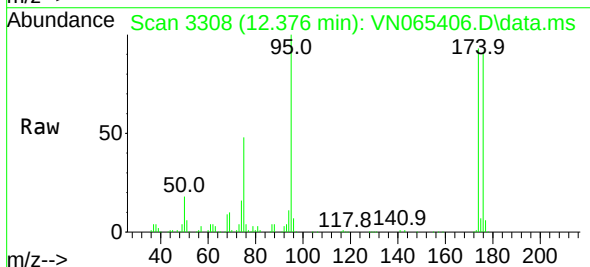
Instrument :
MSVOA_N
ClientSampled :
16790DL

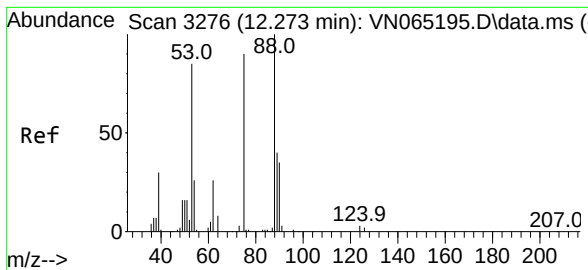
Tgt Ion:152 Resp: 178278
Ion Ratio Lower Upper
152 100
115 55.5 29.7 89.1
150 158.5 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 26.93 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065406.D
Acq: 6 Jan 2021 17:42

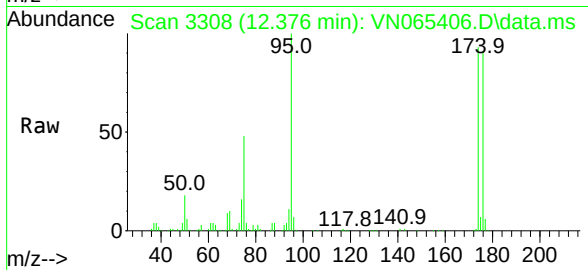
Tgt Ion: 75 Resp: 97940
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.90 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065406.D
 Acq: 6 Jan 2021 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 16790DL



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

