

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065403.D
 Acq On : 6 Jan 2021 16:28
 Operator : JC/MD
 Sample : M1022-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41098

Quant Time: Jan 07 01:29:01 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)

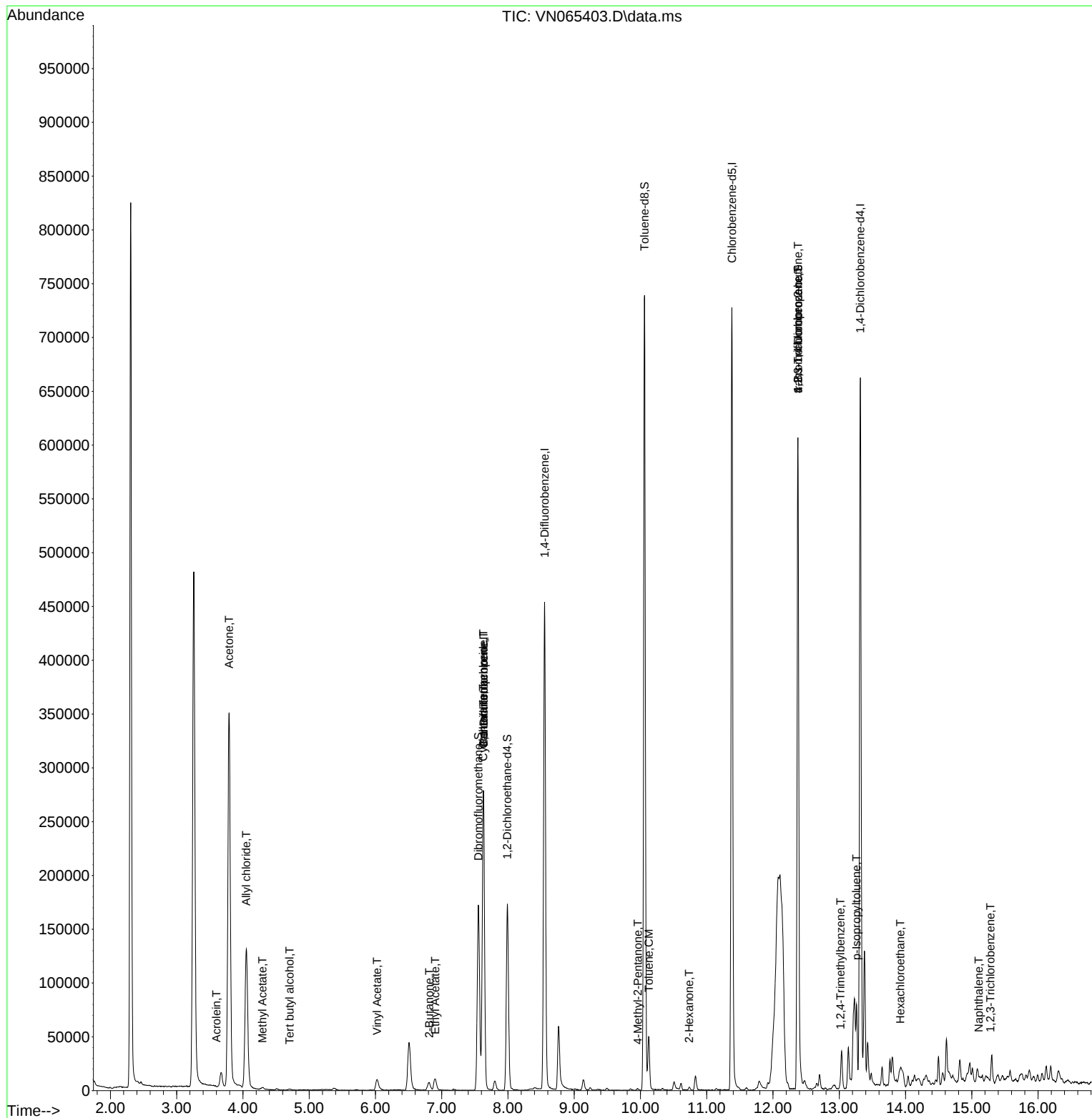
Internal Standards						
1) Pentafluorobenzene	7.630	168	255531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	427939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	457159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	204945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	146704	50.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.70%			
35) Dibromofluoromethane	7.553	113	132569	51.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.70%			
50) Toluene-d8	10.061	98	534963	55.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.56%			
62) 4-Bromofluorobenzene	12.376	95	215599	55.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.38%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.705	59	766	1.62	ug/l #	73
13) Acrolein	3.598	56	91	2.69	ug/l #	1
14) Allyl chloride	4.049	41	20237	4.89	ug/l #	63
16) Acetone	3.791	43	576382	486.31	ug/l	95
18) Methyl Acetate	4.293	43	3207	1.24	ug/l #	89
23) Vinyl Acetate	6.023	43	2111	0.30	ug/l #	71
25) 2-Butanone	6.811	43	3037	1.88	ug/l	100
31) Cyclohexane	7.624	56	4151	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	16147	4.15	ug/l #	49
37) Ethyl Acetate	6.904	43	18810	4.88	ug/l	98
38) Carbon Tetrachloride	7.627	117	21605	5.29	ug/l #	15
51) 4-Methyl-2-Pentanone	9.958	43	1891	0.51	ug/l #	59
52) Toluene	10.126	92	20579	2.82	ug/l	97
59) 2-Hexanone	10.733	43	1249	0.45	ug/l #	30
76) 1,2,3-Trichloropropane	12.376	75	103680	24.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	103680	62.53	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.019	105	3665	0.28	ug/l	72
86) p-Isopropyltoluene	13.260	119	45200	3.28	ug/l #	85
90) Hexachloroethane	13.923	117	836	0.35	ug/l #	9
95) Naphthalene	15.106	128	1524	3.51	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.283	180	298	3.30	ug/l #	28

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065403.D
Acq On : 6 Jan 2021 16:28
Operator : JC/MD
Sample : M1022-05 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41098

Quant Time: Jan 07 01:29:01 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

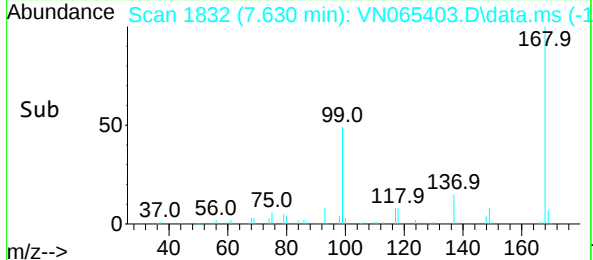
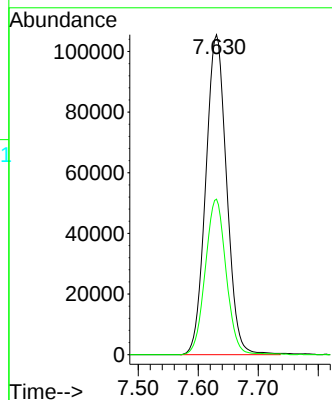
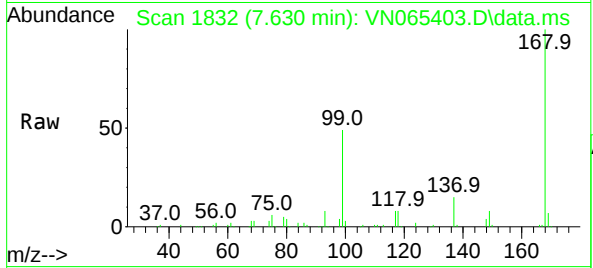




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

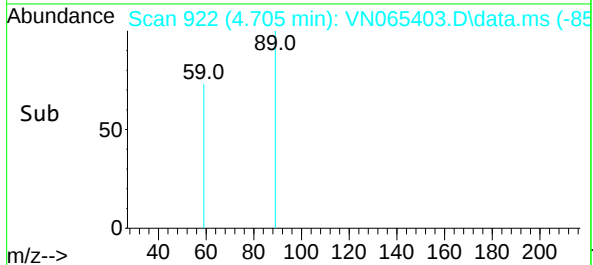
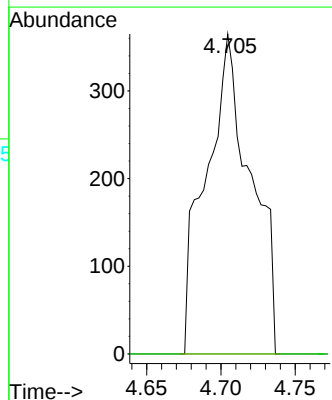
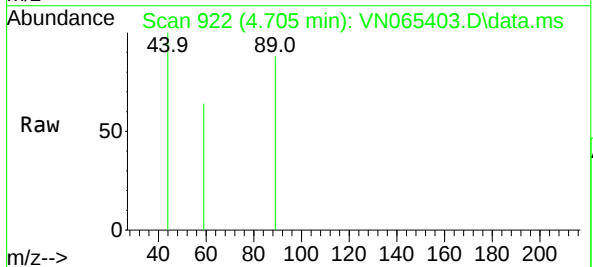
Instrument :
MSVOA_N
ClientSampleId :
41098

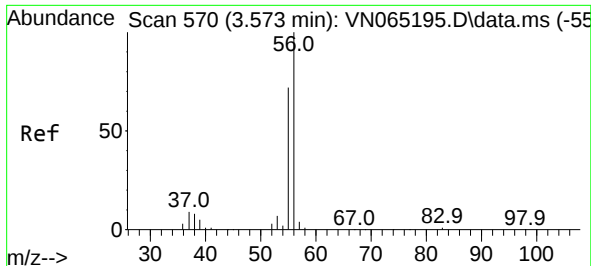
Tgt Ion:168 Resp: 255531
Ion Ratio Lower Upper
168 100
99 48.6 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.62 ug/l
RT: 4.705 min Scan# 922
Delta R.T. -0.067 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 59 Resp: 766
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

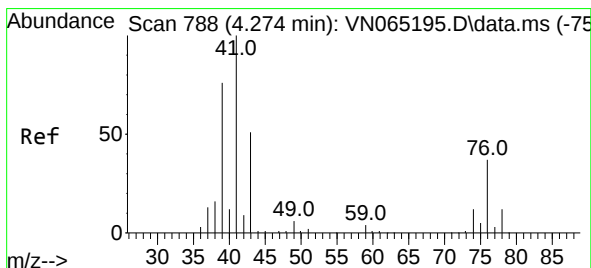
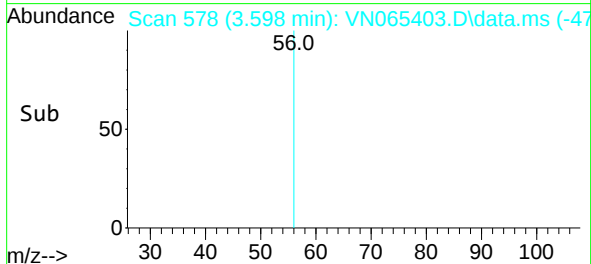
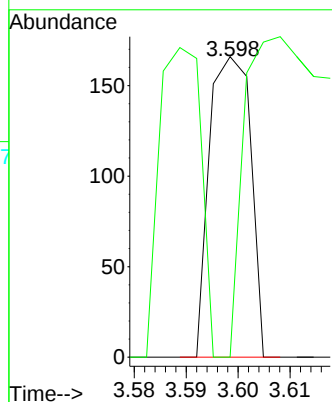
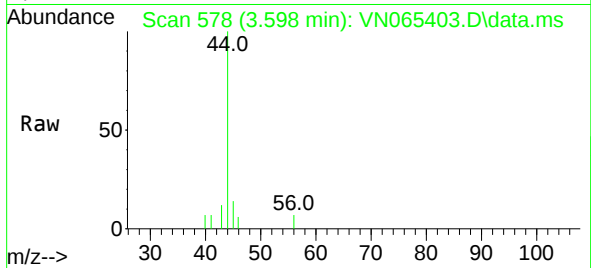




#13
Acrolein
Concen: 2.69 ug/l
RT: 3.598 min Scan# 578
Delta R.T. 0.025 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

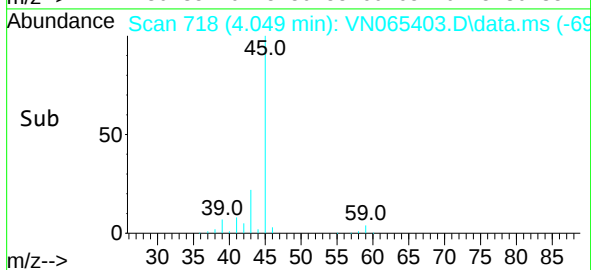
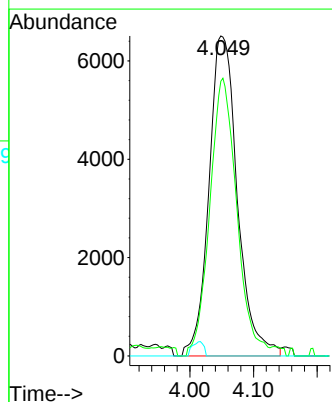
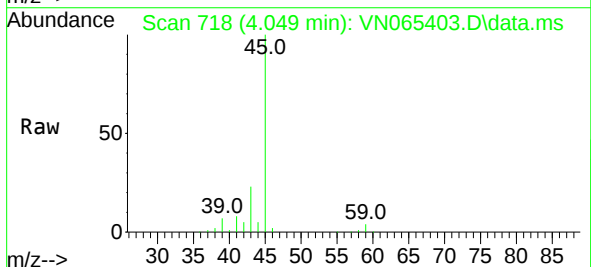
Instrument :
MSVOA_N
ClientSampled :
41098

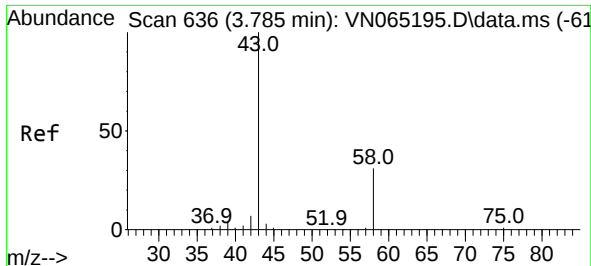
Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 208.8 56.5 84.7#



#14
Allyl chloride
Concen: 4.89 ug/l
RT: 4.049 min Scan# 718
Delta R.T. -0.225 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 41 Resp: 20237
Ion Ratio Lower Upper
41 100
39 82.2 50.9 76.3#
76 0.0 29.0 43.4#

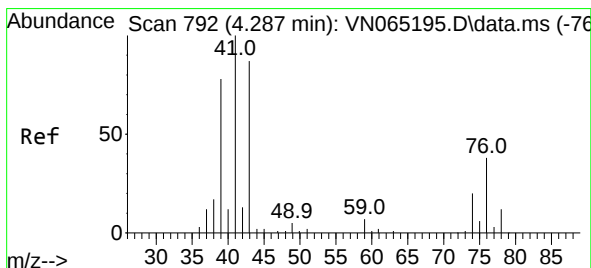
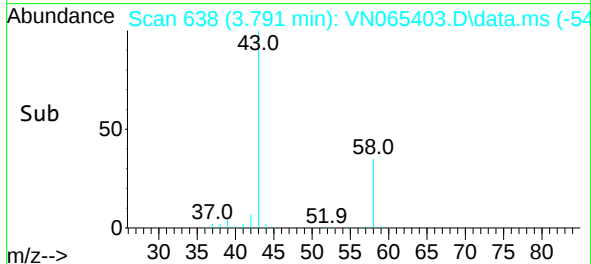
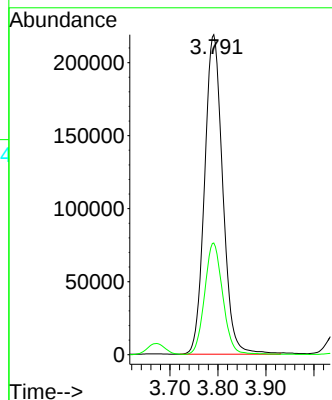
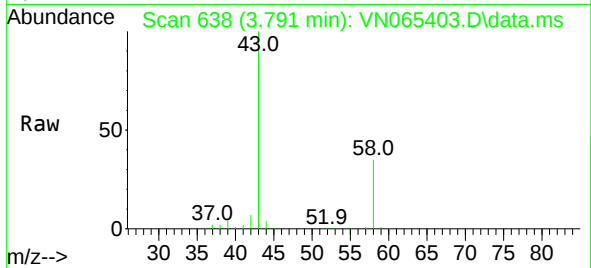




#16
Acetone
Concen: 486.31 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

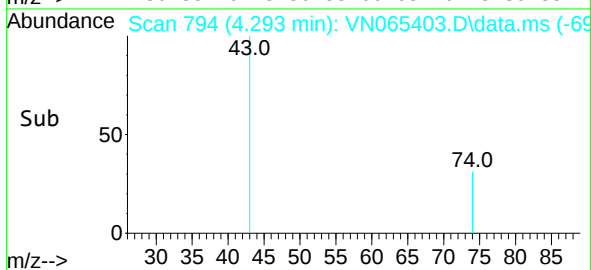
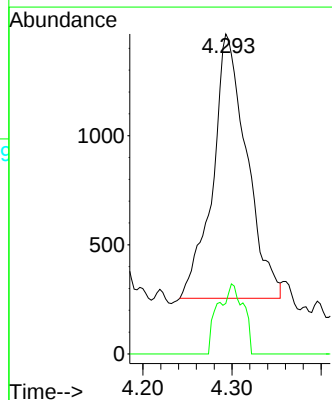
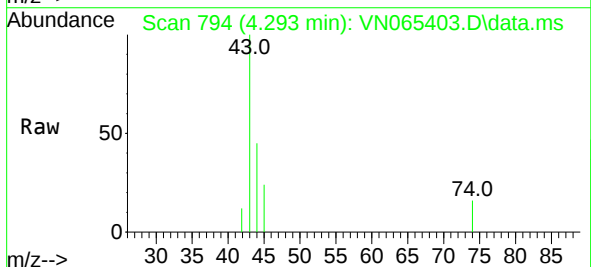
Instrument :
MSVOA_N
ClientSampleId :
41098

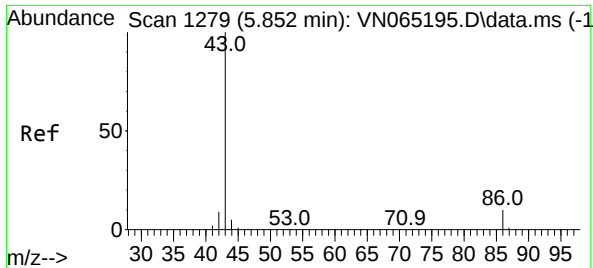
Tgt Ion: 43 Resp: 576382
Ion Ratio Lower Upper
43 100
58 34.8 25.7 38.5



#18
Methyl Acetate
Concen: 1.24 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
74 19.7 20.2 30.2#

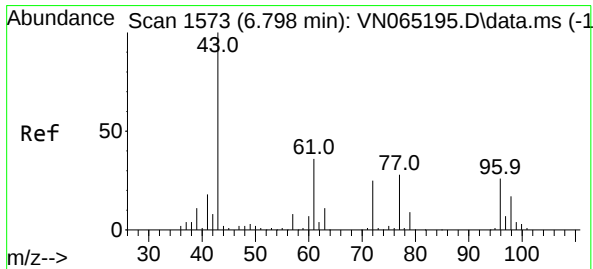
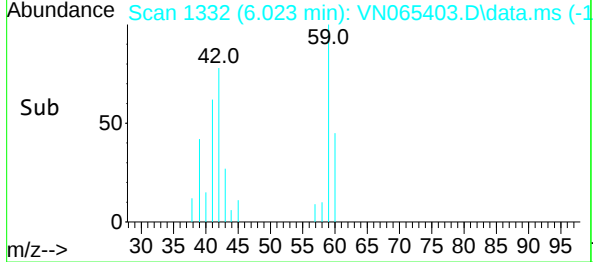
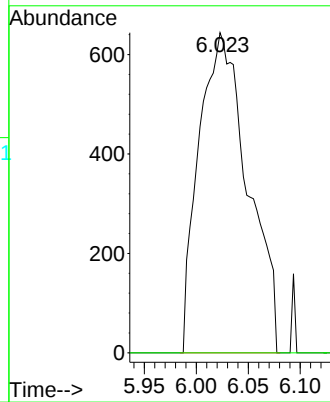
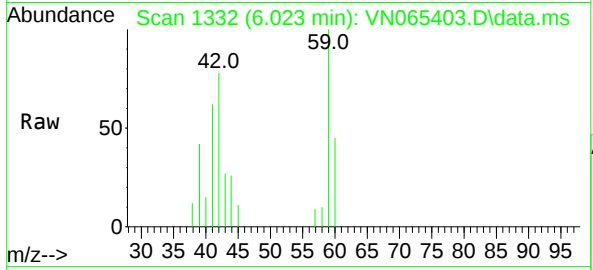




#23
 Vinyl Acetate
 Concen: 0.30 ug/l
 RT: 6.023 min Scan# 1332
 Delta R.T. 0.171 min
 Lab File: VN065403.D
 Acq: 6 Jan 2021 16:28

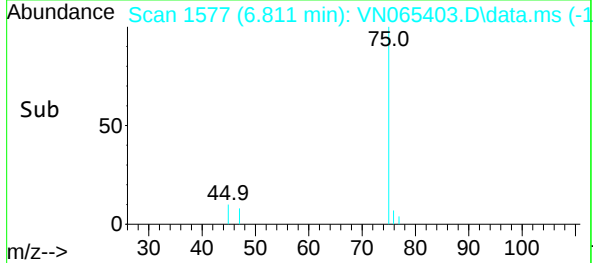
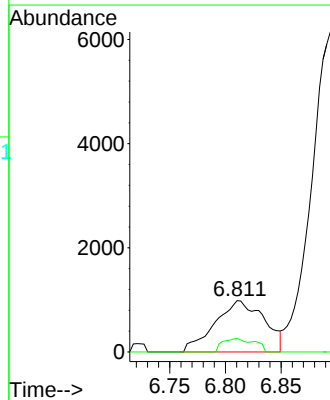
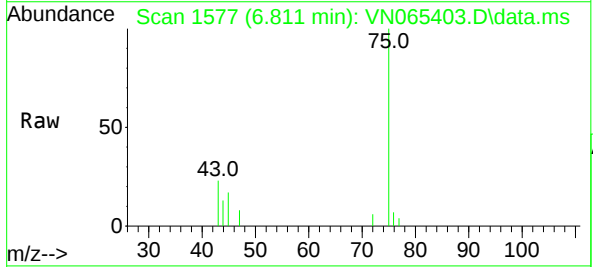
Instrument :
 MSVOA_N
 ClientSampleId :
 41098

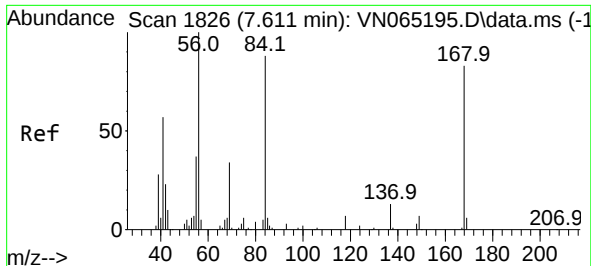
Tgt Ion: 43 Resp: 2111
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#25
 2-Butanone
 Concen: 1.88 ug/l
 RT: 6.811 min Scan# 1577
 Delta R.T. 0.013 min
 Lab File: VN065403.D
 Acq: 6 Jan 2021 16:28

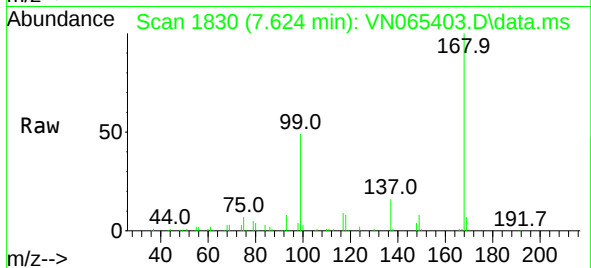
Tgt Ion: 43 Resp: 3037
 Ion Ratio Lower Upper
 43 100
 72 26.3 21.0 31.6



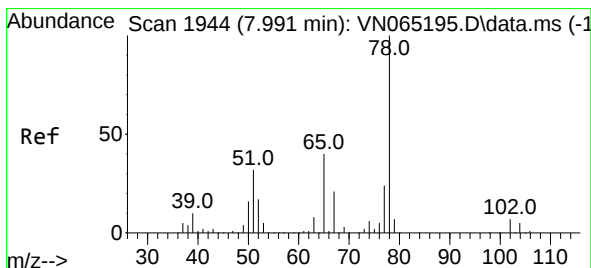
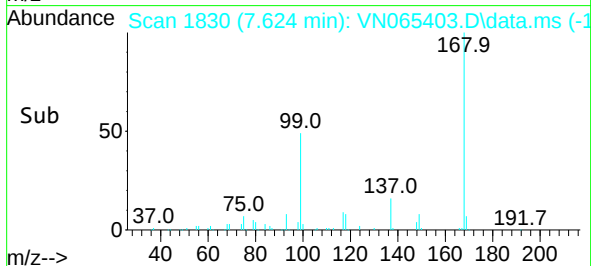
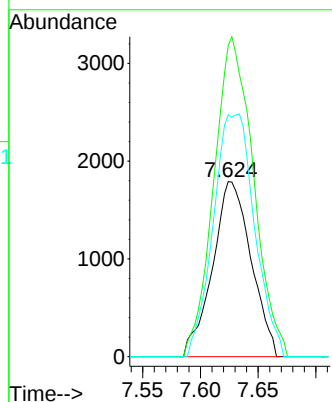


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Instrument :
MSVOA_N
ClientSampled :
41098

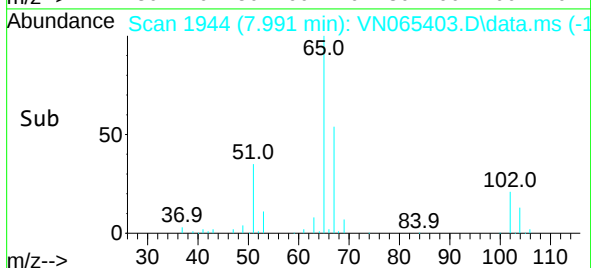
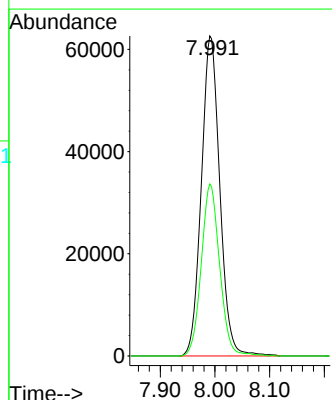
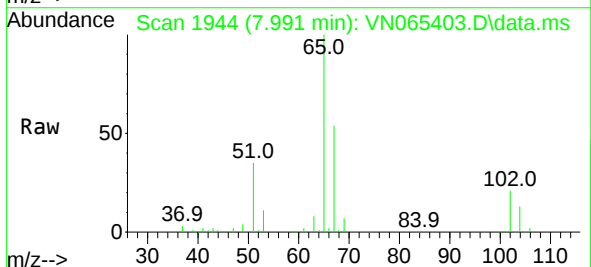


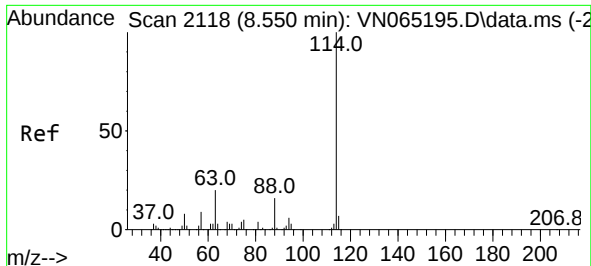
Tgt Ion: 56 Resp: 4151
Ion Ratio Lower Upper
56 100
69 177.8 27.5 41.3#
84 138.3 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.85 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 65 Resp: 146704
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2

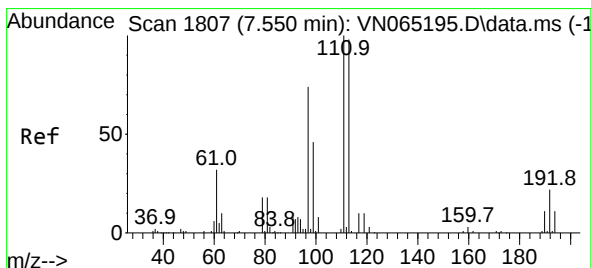
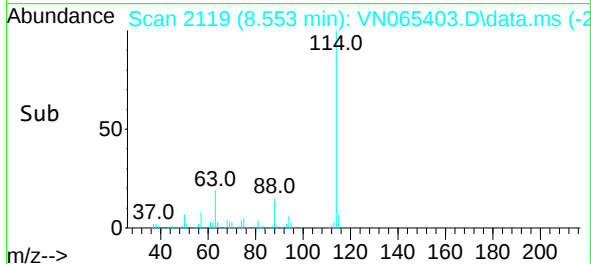
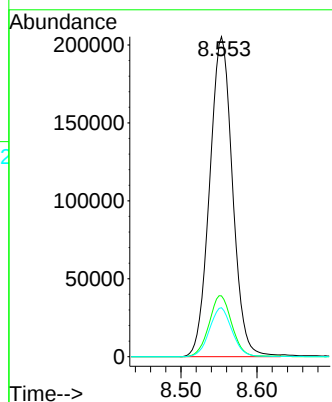
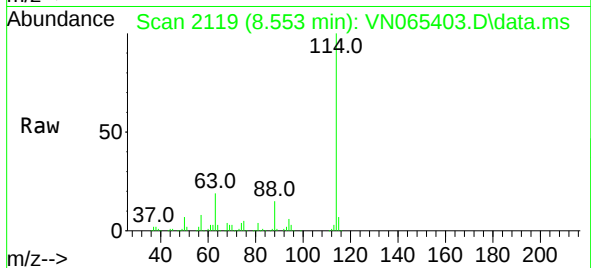




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

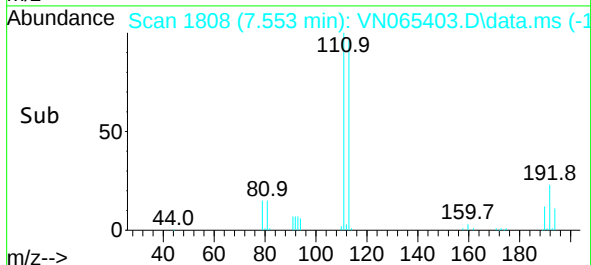
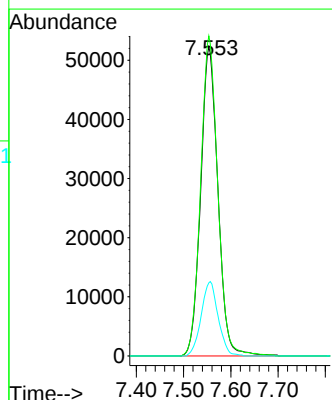
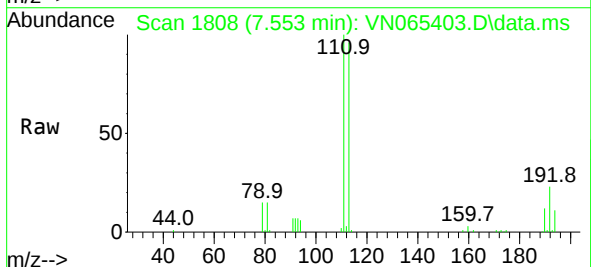
Instrument :
MSVOA_N
ClientSampled :
41098

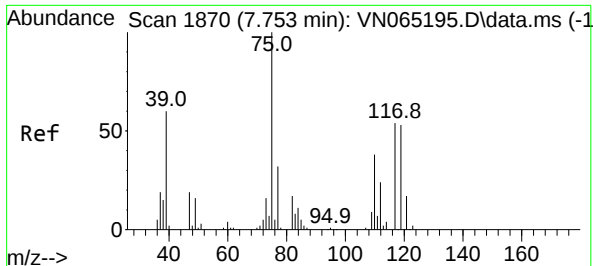
Tgt Ion:114 Resp: 427939
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.35 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion:113 Resp: 132569
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 23.7 16.2 24.2

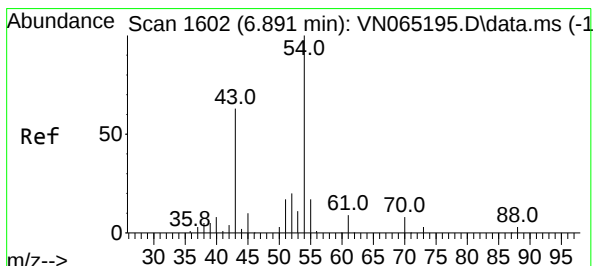
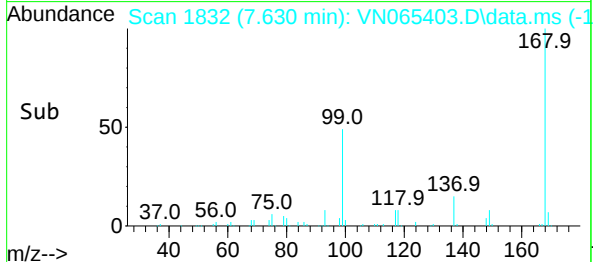
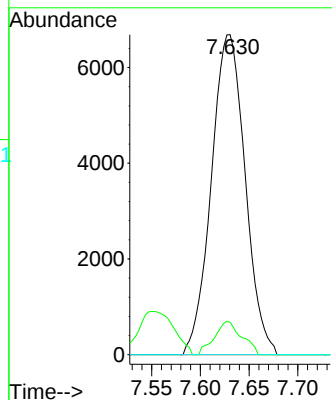
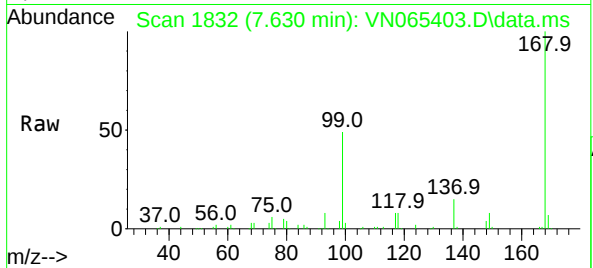




#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

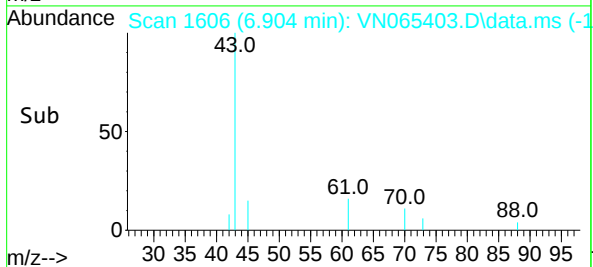
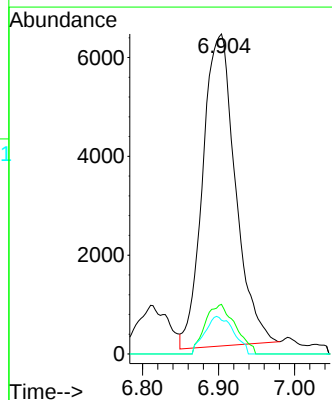
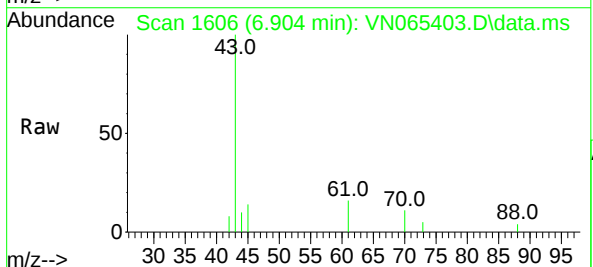
Instrument :
MSVOA_N
ClientSampleId :
41098

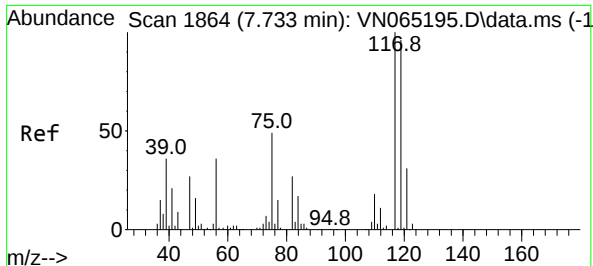
Tgt Ion: 75 Resp: 16147
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 4.88 ug/l
RT: 6.904 min Scan# 1606
Delta R.T. 0.013 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

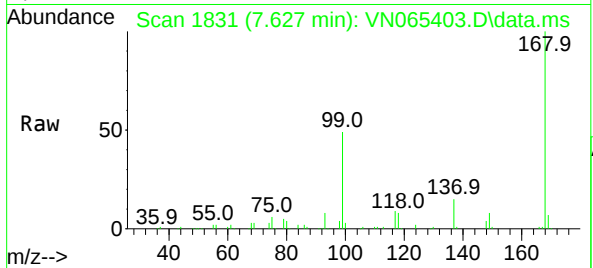
Tgt Ion: 43 Resp: 18810
Ion Ratio Lower Upper
43 100
61 14.8 12.8 19.2
70 10.6 8.8 13.2



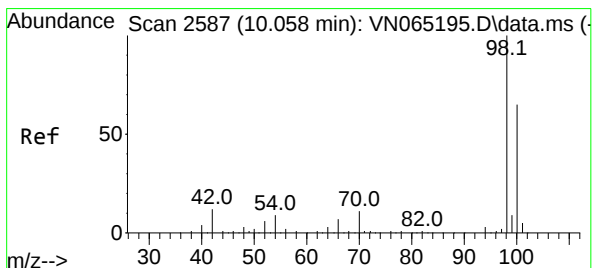
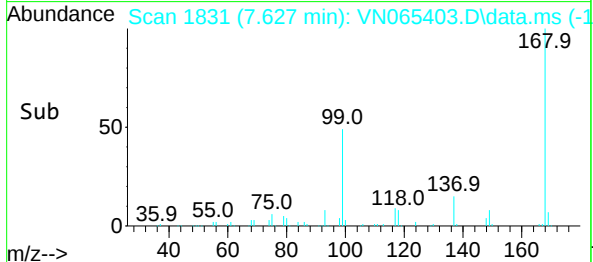
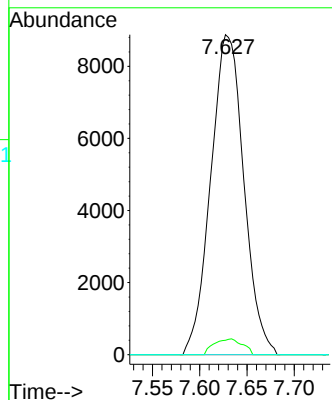


#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Instrument :
MSVOA_N
ClientSampled :
41098

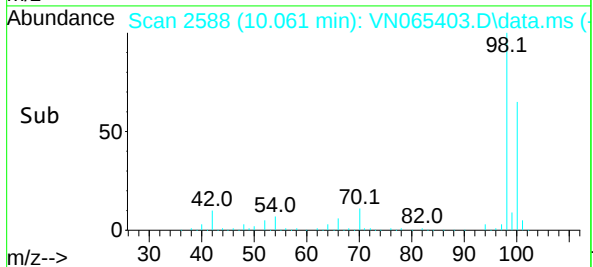
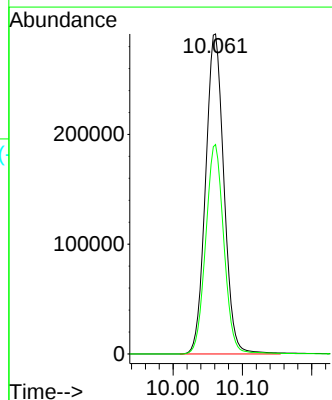
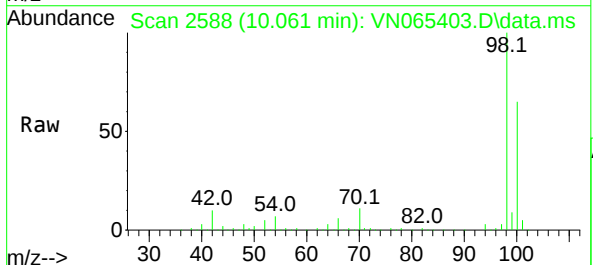


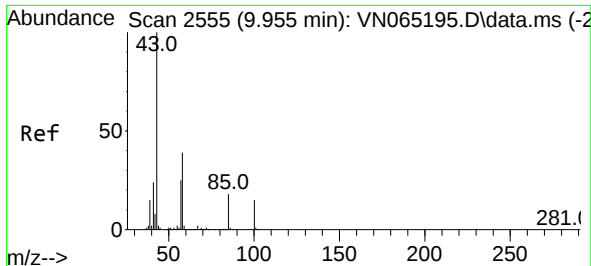
Tgt Ion:117 Resp: 21605
Ion Ratio Lower Upper
117 100
119 4.5 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 55.28 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 98 Resp: 534963
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5

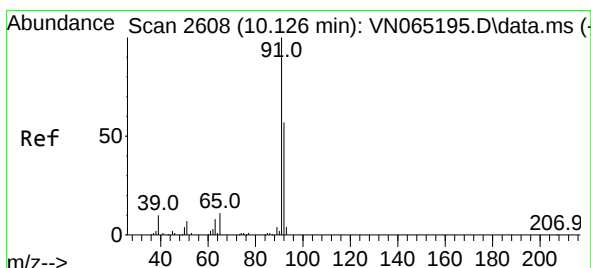
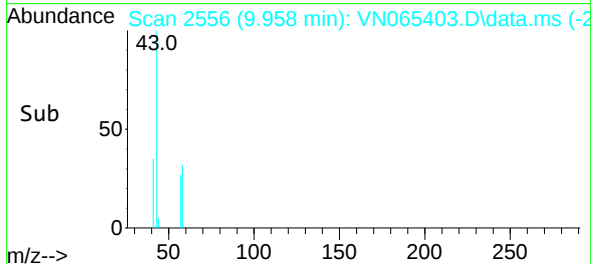
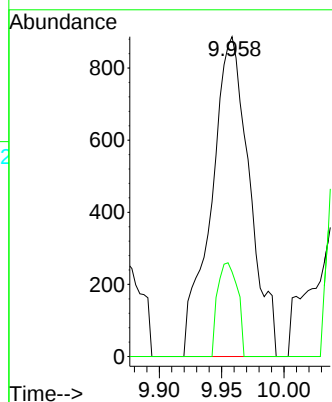
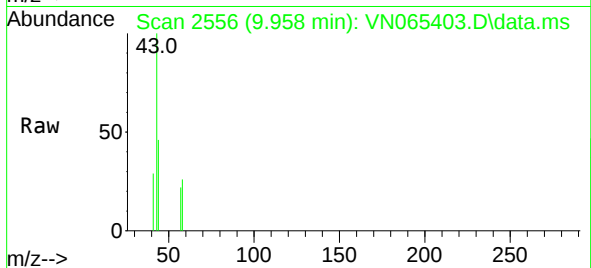




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

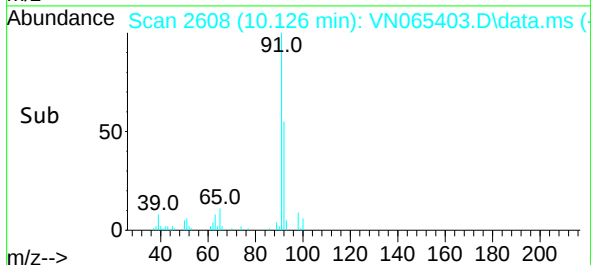
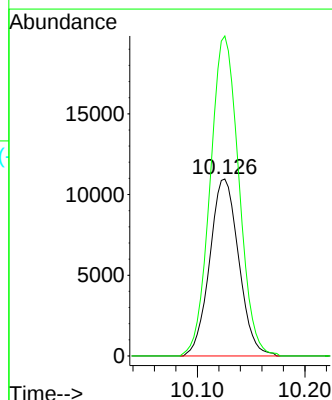
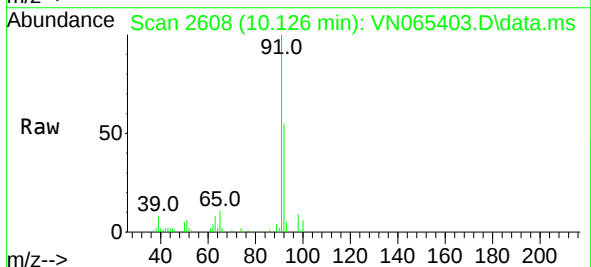
Instrument :
MSVOA_N
ClientSampleId :
41098

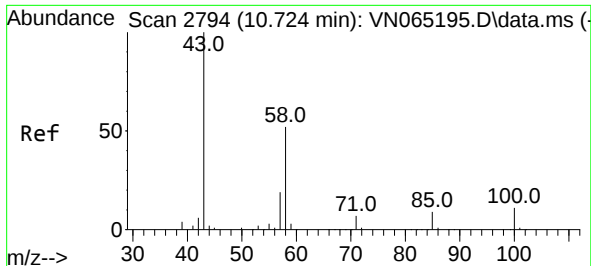
Tgt Ion: 43 Resp: 1891
Ion Ratio Lower Upper
43 100
58 15.3 32.4 48.6#



#52
Toluene
Concen: 2.82 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 92 Resp: 20579
Ion Ratio Lower Upper
92 100
91 178.6 139.1 208.7

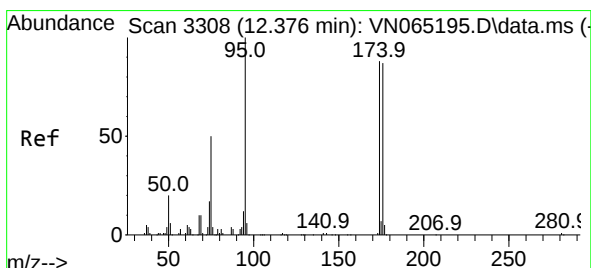
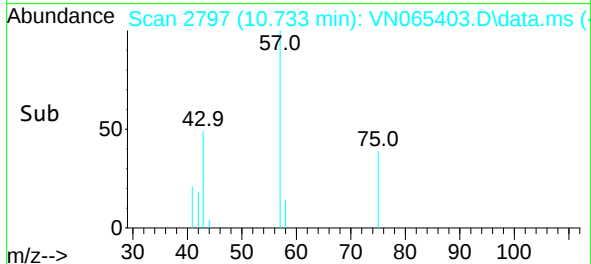
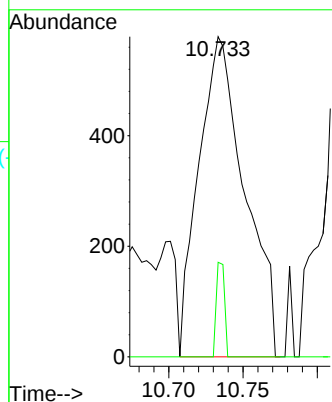
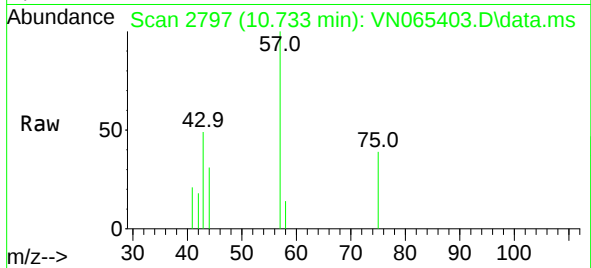




#59
2-Hexanone
Concen: 0.45 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.009 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

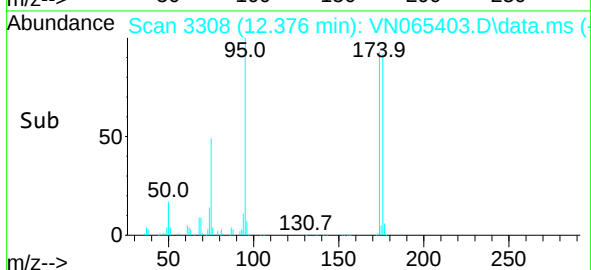
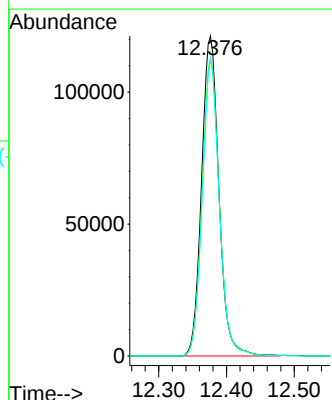
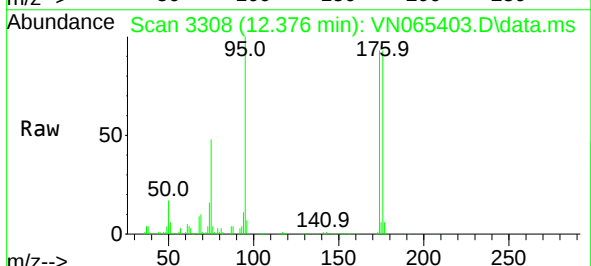
Instrument :
MSVOA_N
ClientSampled :
41098

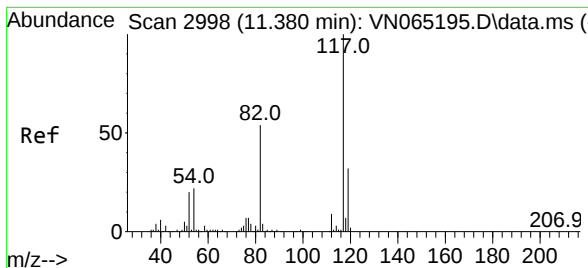
Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 5.2 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.69 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 95 Resp: 215599
Ion Ratio Lower Upper
95 100
174 93.0 0.0 160.4
176 90.7 0.0 158.4

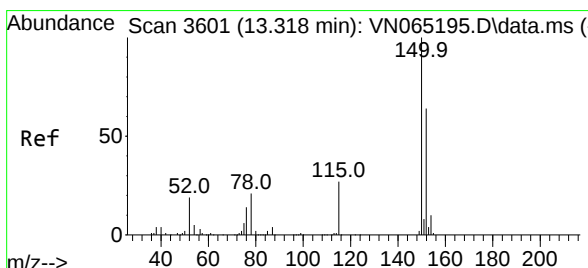
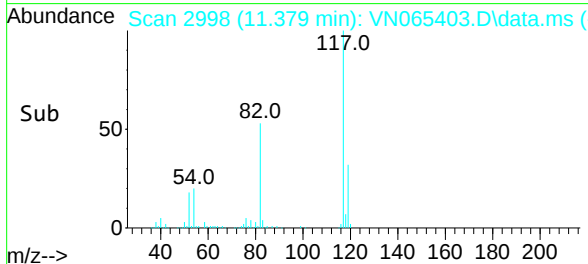
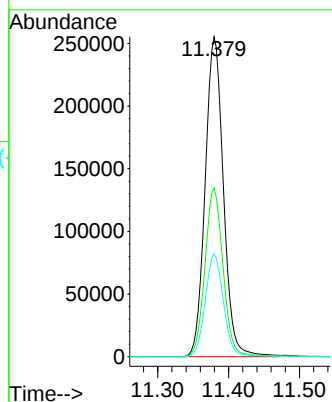
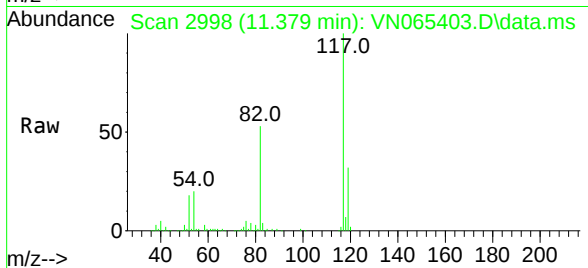




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

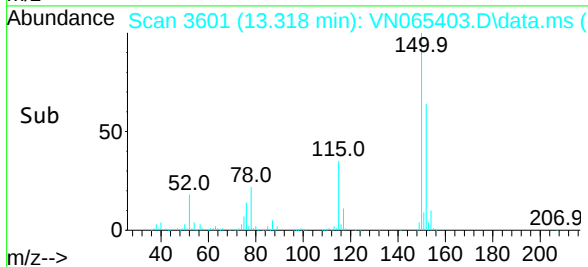
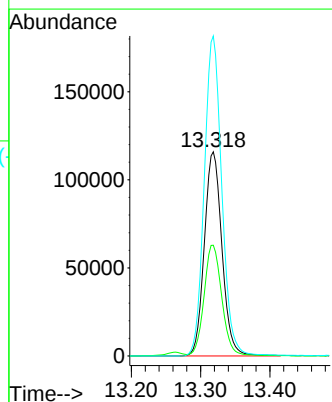
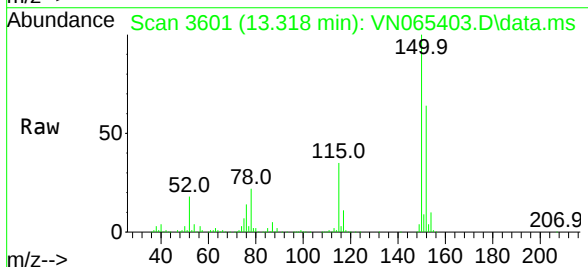
Instrument :
MSVOA_N
ClientSampled :
41098

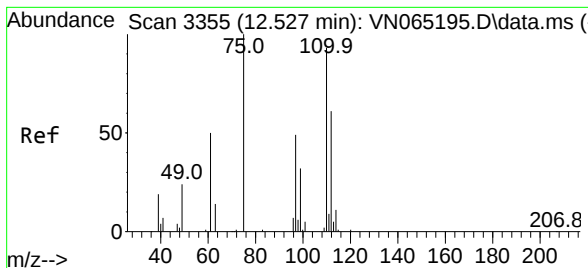
Tgt Ion:117 Resp: 457159
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion:152 Resp: 204945
Ion Ratio Lower Upper
152 100
115 53.9 29.7 89.1
150 155.8 0.0 350.6

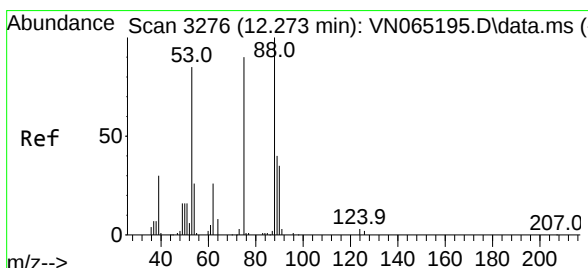
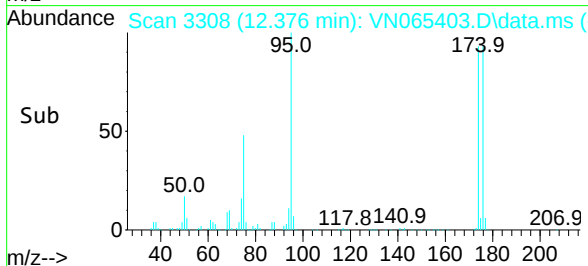
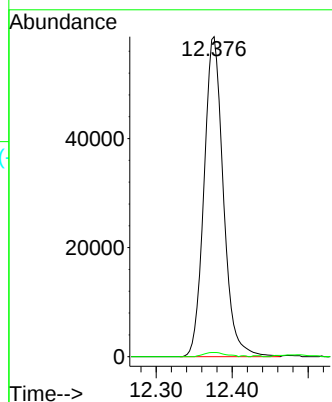
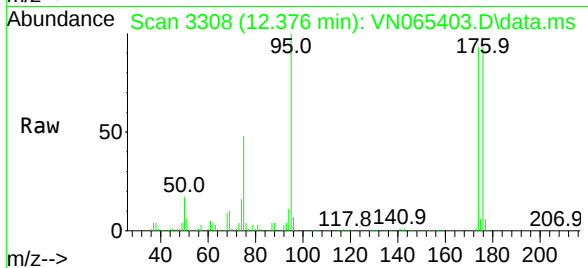




#76
1,2,3-Trichloropropane
Concen: 24.80 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

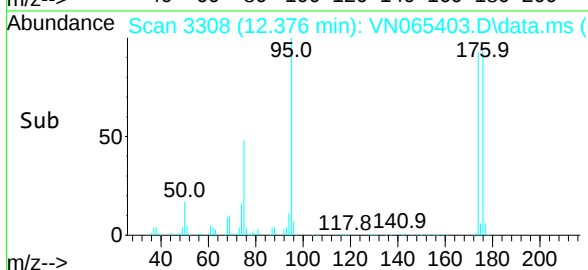
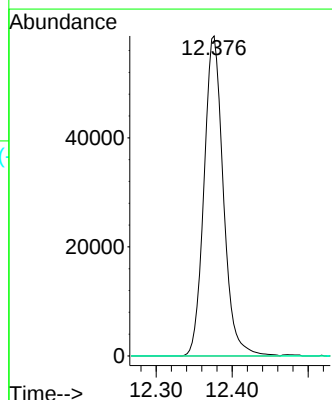
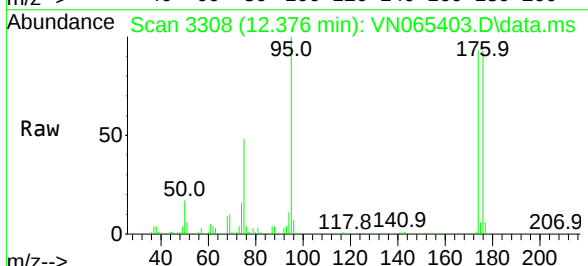
Instrument :
MSVOA_N
ClientSampleId :
41098

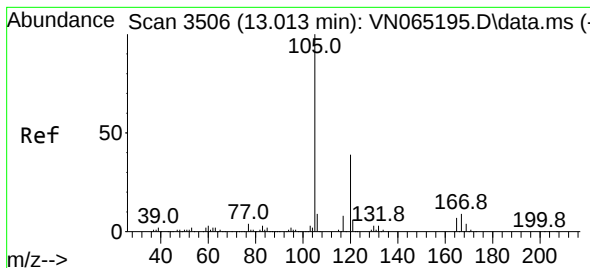
Tgt Ion: 75 Resp: 103680
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.53 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

Tgt Ion: 75 Resp: 103680
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.28 ug/l

RT: 13.019 min Scan# 3508

Delta R.T. 0.006 min

Lab File: VN065403.D

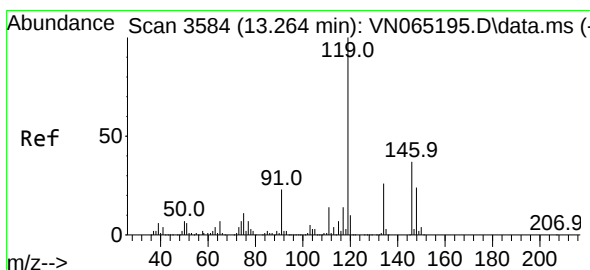
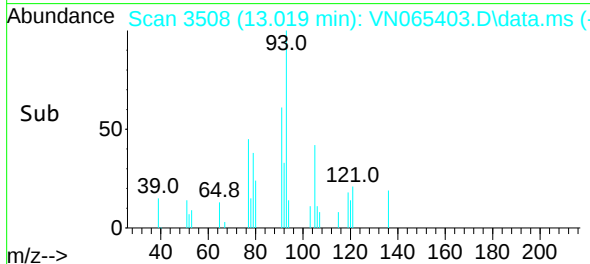
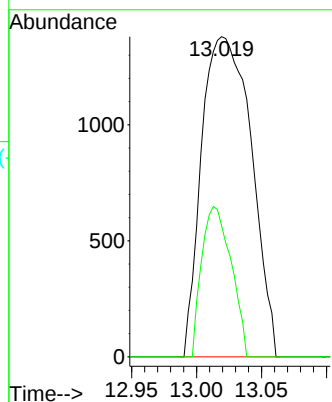
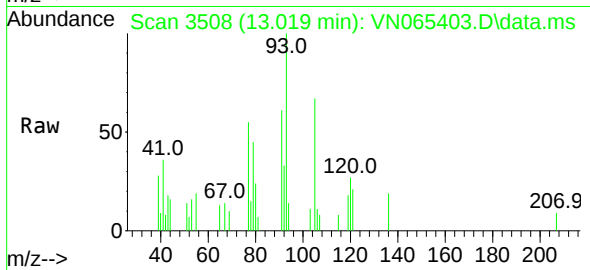
Acq: 6 Jan 2021 16:28

Tgt Ion:105 Resp: 3665

Ion Ratio Lower Upper

105 100

120 27.8 23.1 69.2



#86

p-Isopropyltoluene

Concen: 3.28 ug/l

RT: 13.260 min Scan# 3583

Delta R.T. -0.004 min

Lab File: VN065403.D

Acq: 6 Jan 2021 16:28

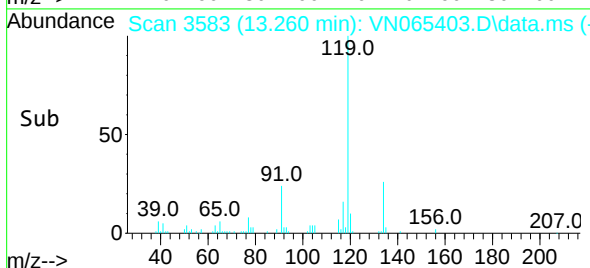
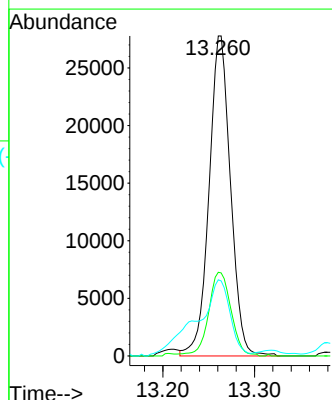
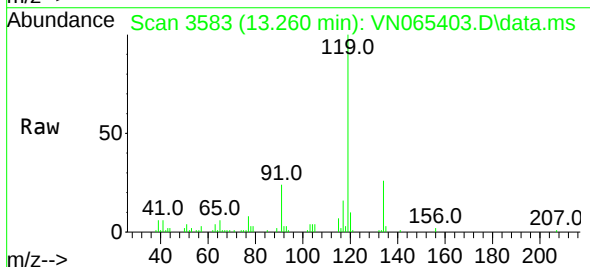
Tgt Ion:119 Resp: 45200

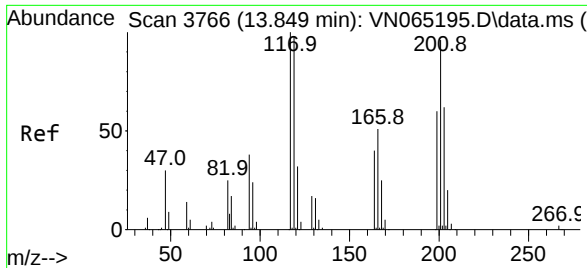
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.1

91 37.3 11.5 34.5#

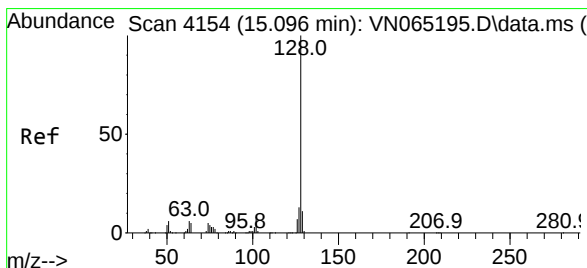
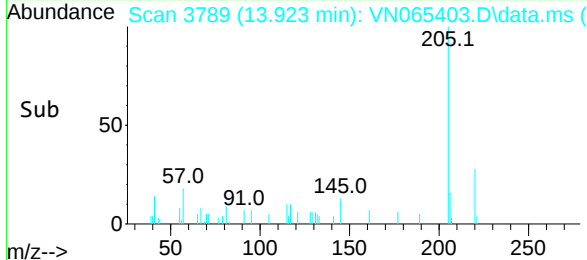
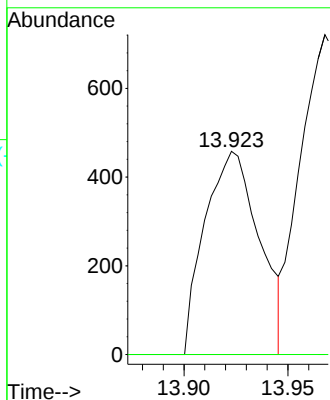
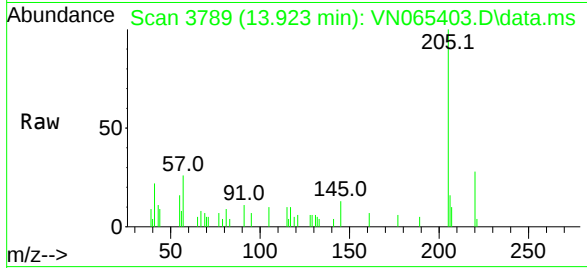




#90
Hexachloroethane
Concen: 0.35 ug/l
RT: 13.923 min Scan# 3789
Delta R.T. 0.074 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

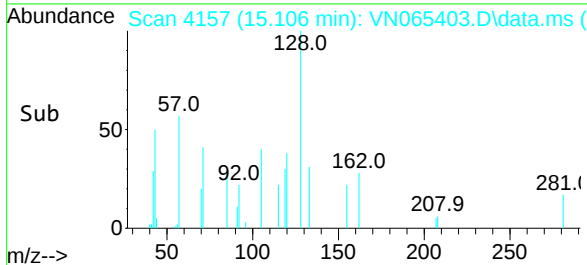
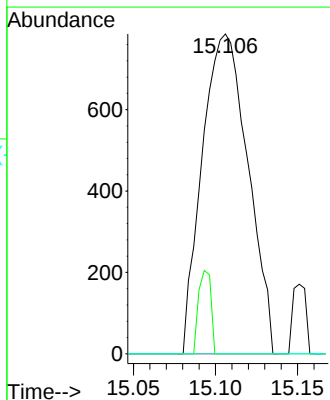
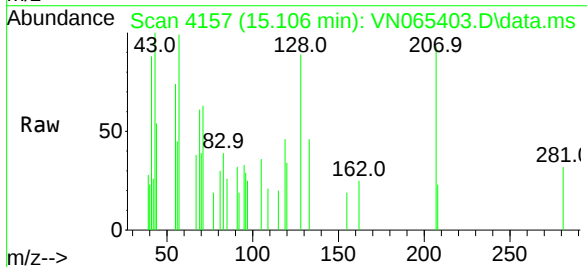
Instrument :
MSVOA_N
ClientSampled :
41098

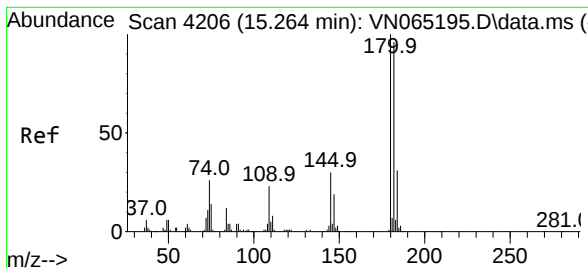
Tgt Ion:117 Resp: 836
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#



#95
Naphthalene
Concen: 3.51 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065403.D
Acq: 6 Jan 2021 16:28

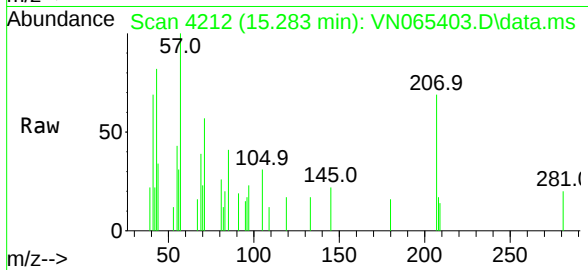
Tgt Ion:128 Resp: 1524
Ion Ratio Lower Upper
128 100
127 7.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.30 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.019 min
 Lab File: VN065403.D
 Acq: 6 Jan 2021 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 41098



Tgt Ion:180 Resp: 298
 Ion Ratio Lower Upper
 180 100
 182 21.8 48.1 144.4#
 145 0.0 16.4 49.1#

