

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065741.D
 Acq On : 5 Feb 2021 16:32
 Operator : JC/MD
 Sample : M1318-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31408-31410

Quant Time: Feb 05 22:49:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

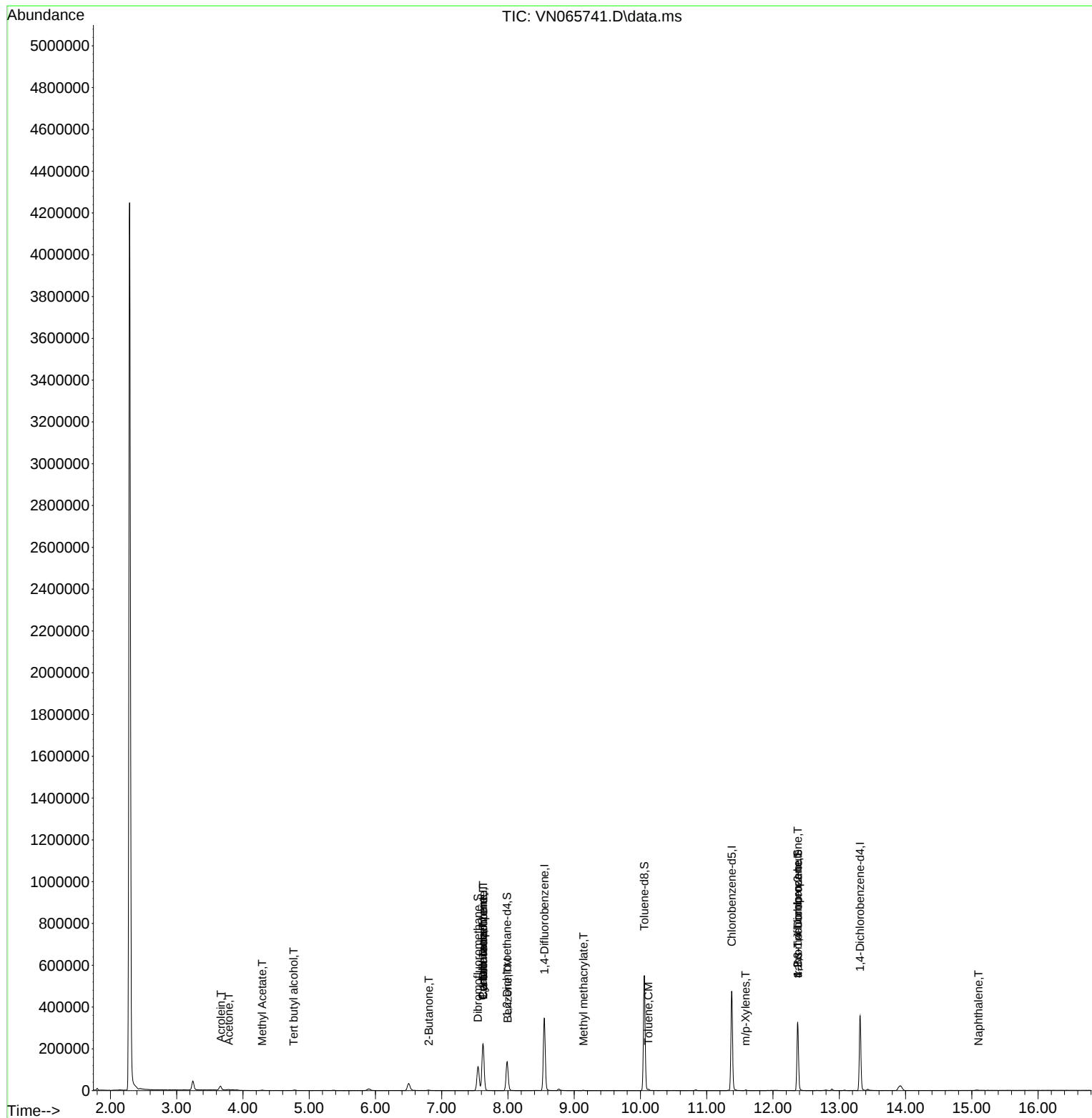
Internal Standards						
1) Pentafluorobenzene	7.624	168	190973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	322447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	285193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	104330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	113342	45.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.22%			
35) Dibromofluoromethane	7.547	113	93448	48.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.82%			
50) Toluene-d8	10.058	98	402978	53.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.30%			
62) 4-Bromofluorobenzene	12.373	95	131219	48.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.04%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.766	59	359	0.76	ug/l #	73
13) Acrolein	3.669	56	63	18.23	ug/l #	1
16) Acetone	3.785	43	2631	2.69	ug/l	92
18) Methyl Acetate	4.290	43	4155	1.52	ug/l #	79
25) 2-Butanone	6.804	43	568	0.37	ug/l #	46
31) Cyclohexane	7.621	56	3333	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	13963	4.30	ug/l #	47
38) Carbon Tetrachloride	7.624	117	17614	6.59	ug/l #	16
40) Benzene	7.997	78	2438	0.25	ug/l #	89
48) Methyl methacrylate	9.138	41	596	0.23	ug/l #	10
52) Toluene	10.119	92	2245	0.38	ug/l	97
68) m/p-Xylenes	11.588	106	1215	0.30	ug/l	97
76) 1,2,3-Trichloropropane	12.373	75	59708	21.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	59708	56.06	ug/l #	12
95) Naphthalene	15.103	128	540	3.53	ug/l #	69

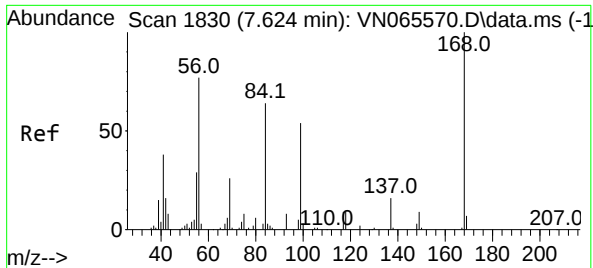
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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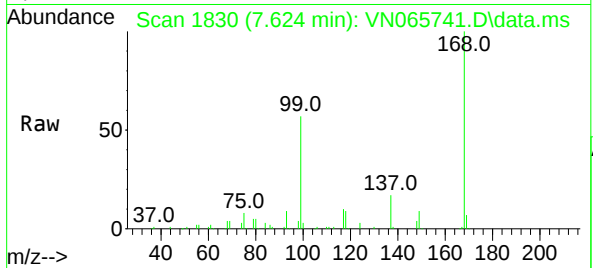
Quant Time: Feb 05 22:49:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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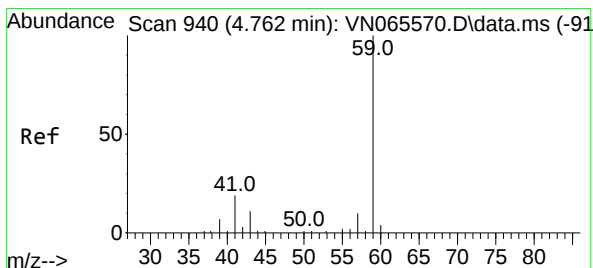
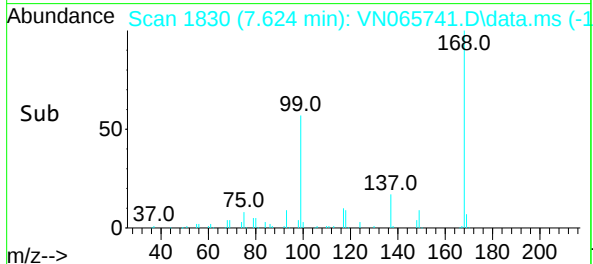
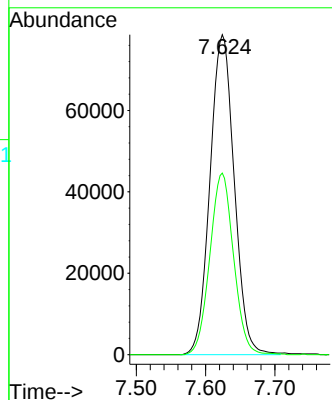


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Instrument :
MSVOA_N
ClientSampleId :
31408-31410

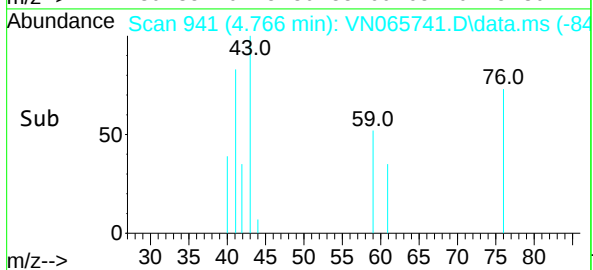
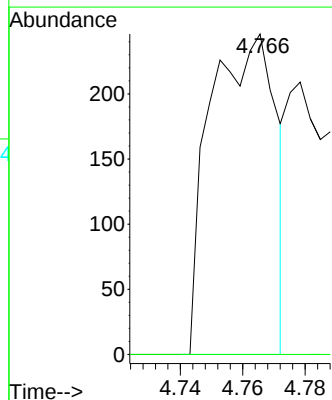
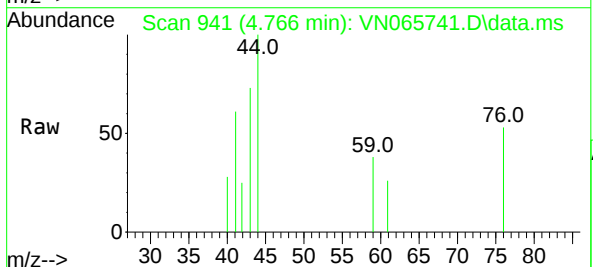


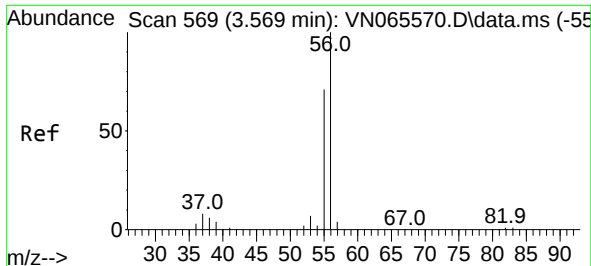
Tgt Ion:168 Resp: 190973
Ion Ratio Lower Upper
168 100
99 56.8 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.76 ug/l
RT: 4.766 min Scan# 941
Delta R.T. 0.004 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Tgt Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

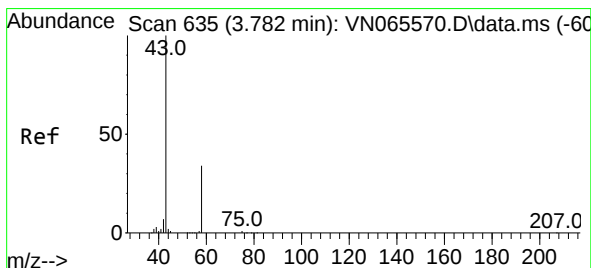
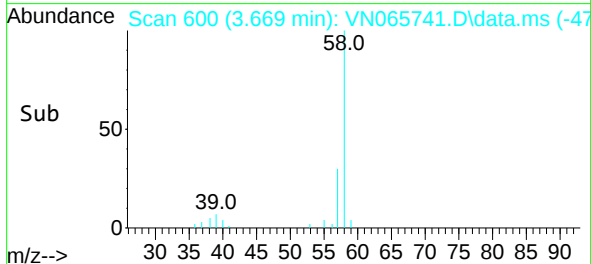
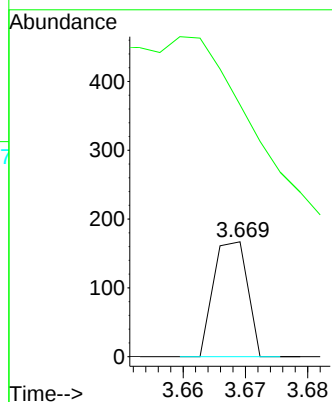
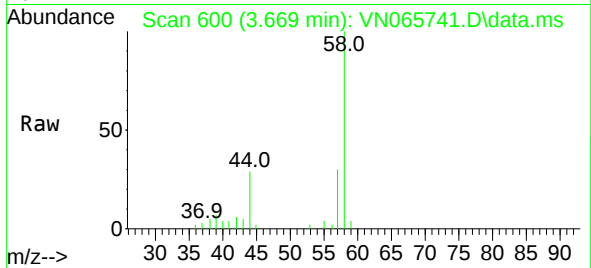




#13
Acrolein
Concen: 18.23 ug/l
RT: 3.669 min Scan# 600
Delta R.T. 0.100 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

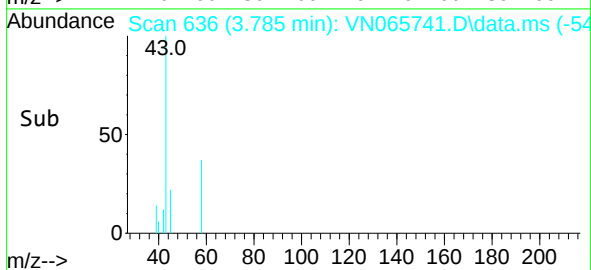
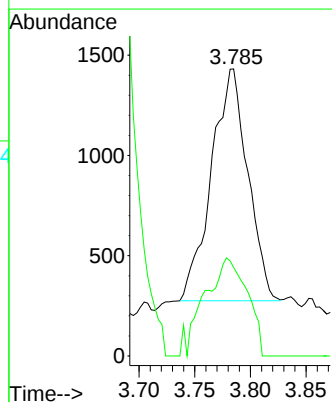
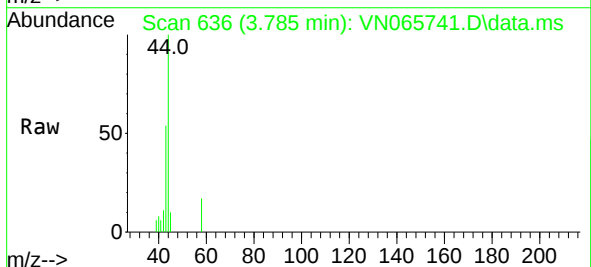
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

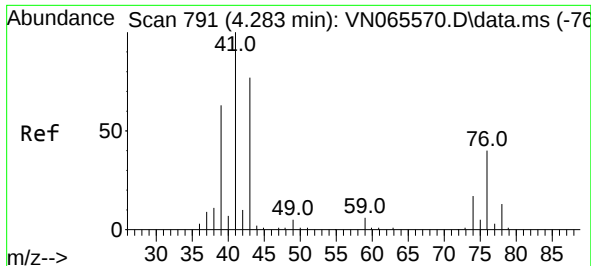
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 1938.1 56.0 84.0#



#16
Acetone
Concen: 2.69 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Tgt Ion: 43 Resp: 2631
Ion Ratio Lower Upper
43 100
58 38.1 27.0 40.6

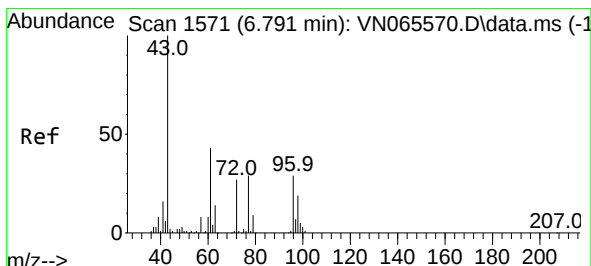
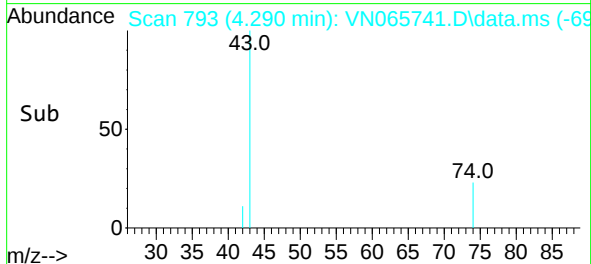
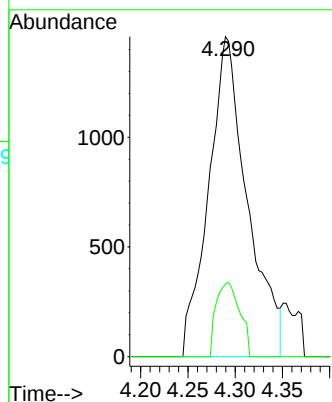
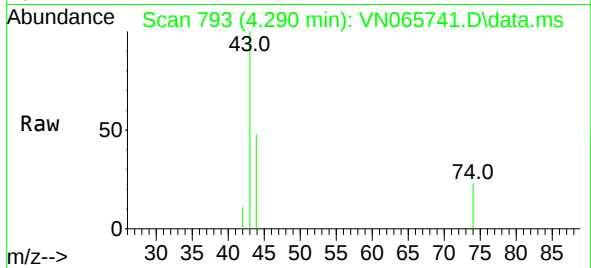




#18
Methyl Acetate
Concen: 1.52 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

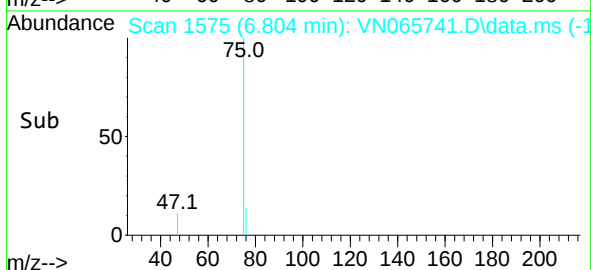
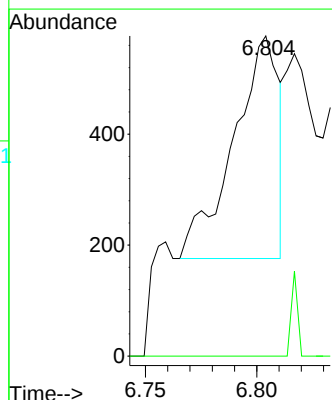
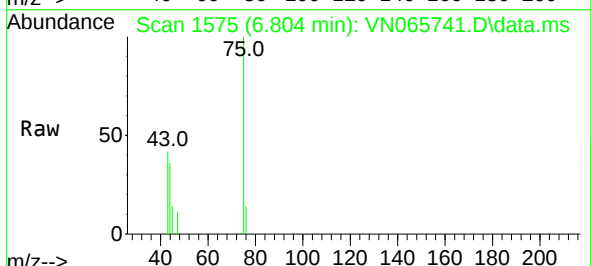
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

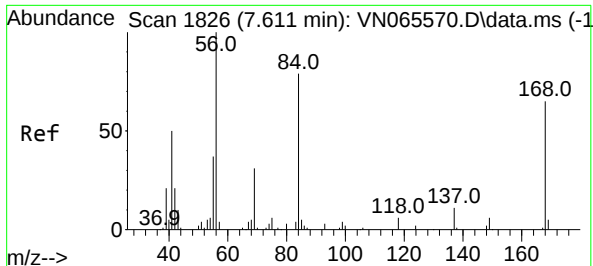
Tgt Ion: 43 Resp: 4155
Ion Ratio Lower Upper
43 100
74 14.1 19.5 29.3#



#25
2-Butanone
Concen: 0.37 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

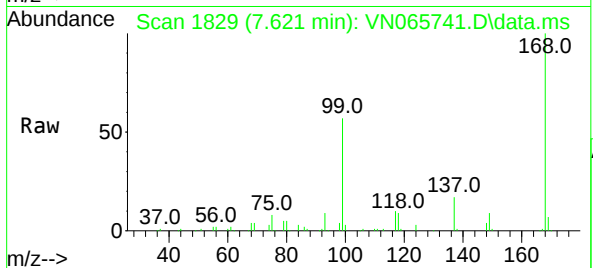
Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



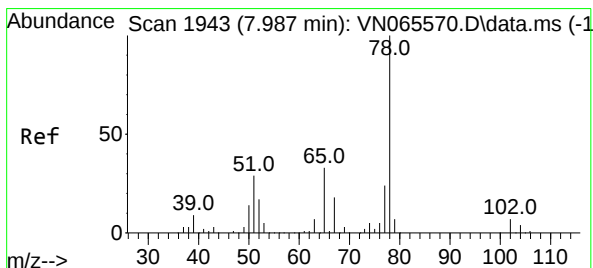
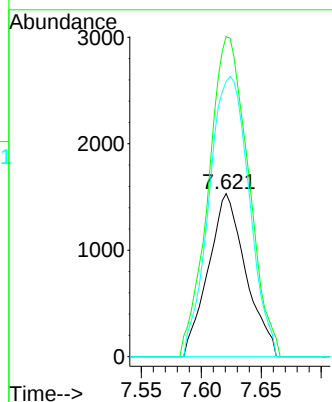
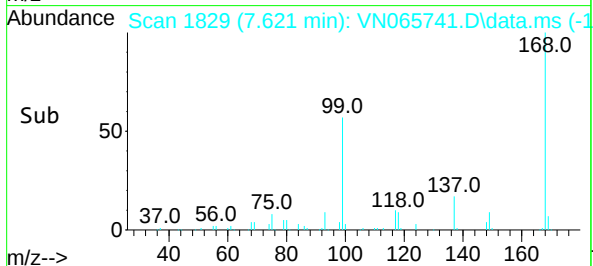


#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

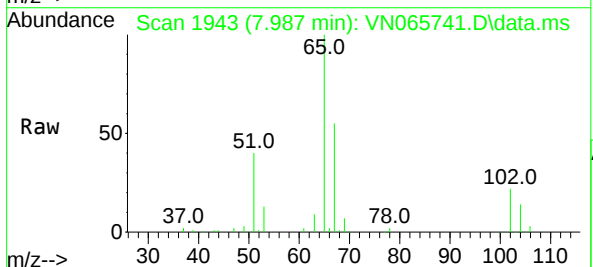
Instrument :
MSVOA_N
ClientSampleId :
31408-31410



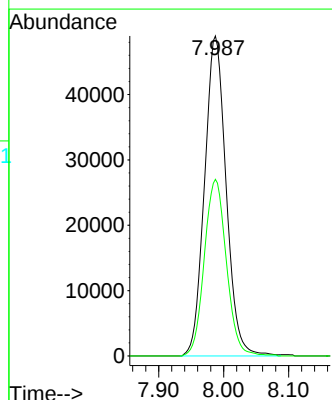
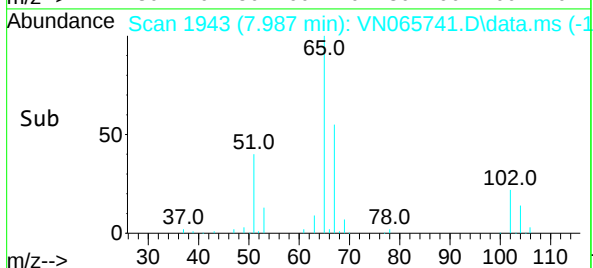
Tgt Ion: 56 Resp: 3333
Ion Ratio Lower Upper
56 100
69 196.3 26.6 39.8#
84 168.8 70.4 105.6#

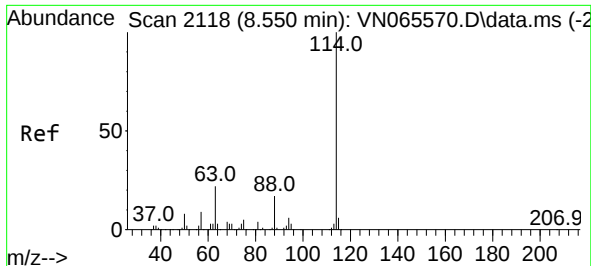


#33
1,2-Dichloroethane-d4
Concen: 45.11 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32



Tgt Ion: 65 Resp: 113342
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2

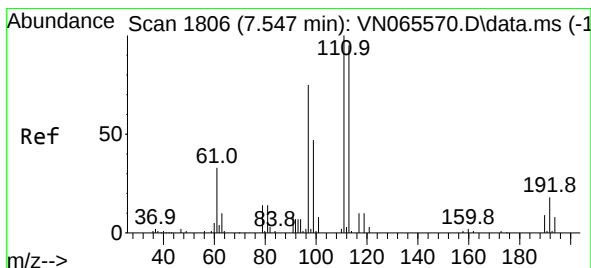
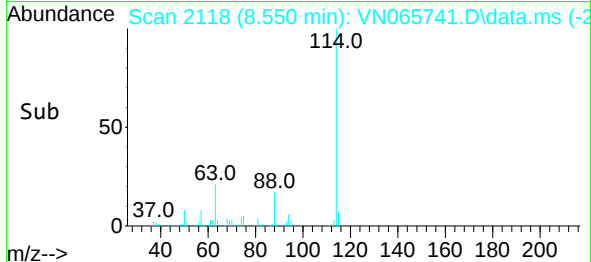
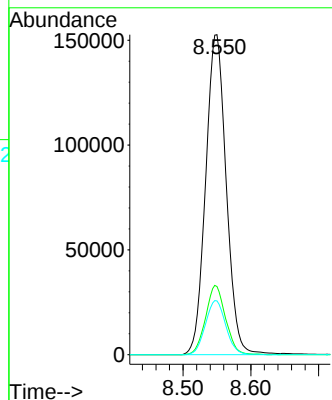
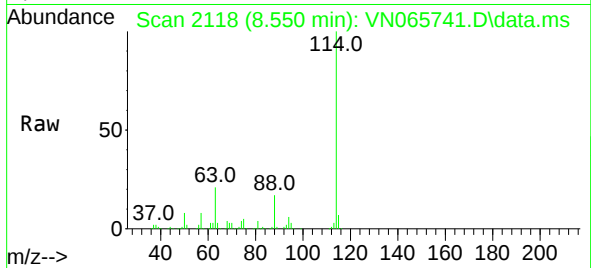




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

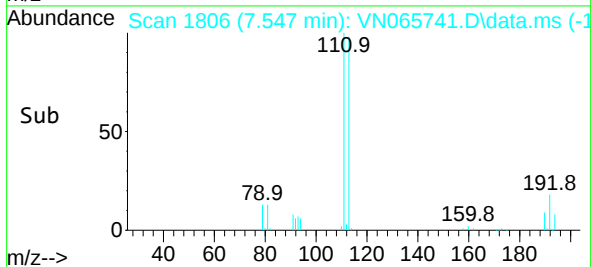
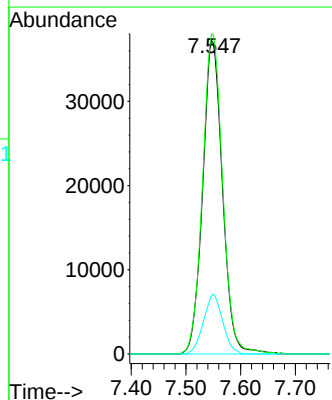
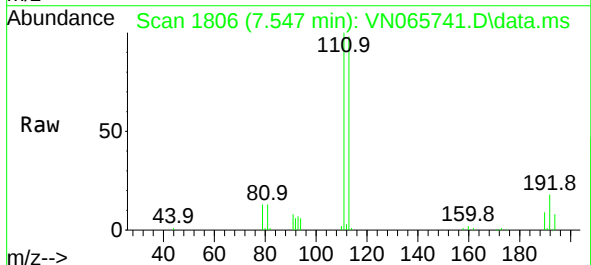
Instrument :
MSVOA_N
ClientSampleId :
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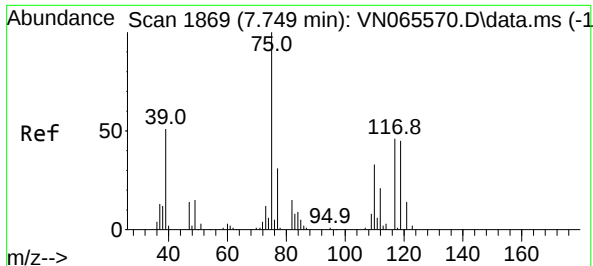
Tgt Ion:114	Resp: 322447
Ion Ratio	Lower Upper
114 100	
63 21.3	0.0 38.6
88 16.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.91 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Tgt	Ion:113	Resp:	93448
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.2
192	18.4	15.4	23.0



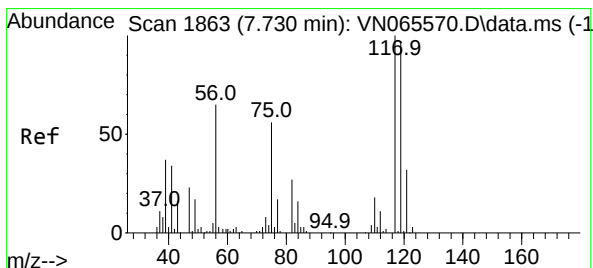
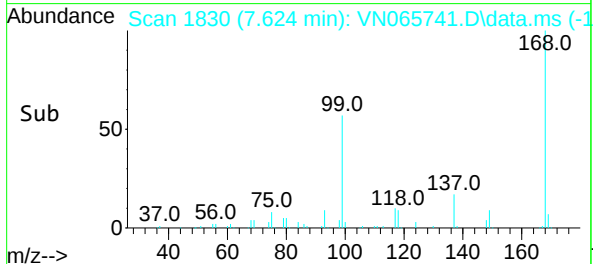
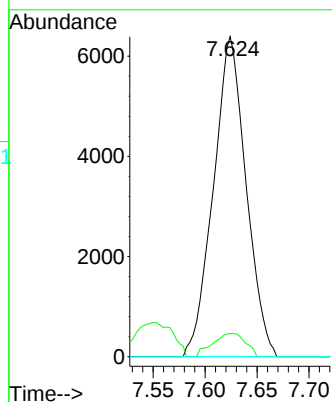
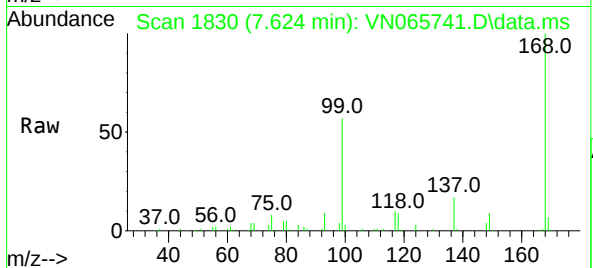


#36

1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Instrument :
MSVOA_N
ClientSampleId :
31408-31410

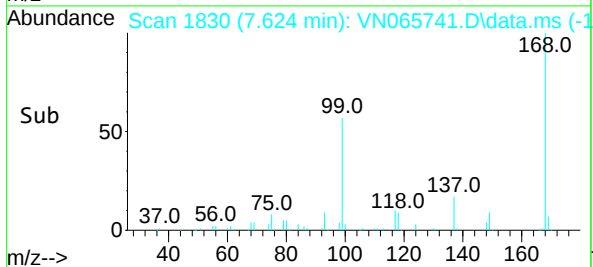
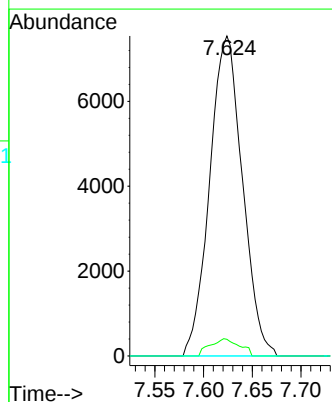
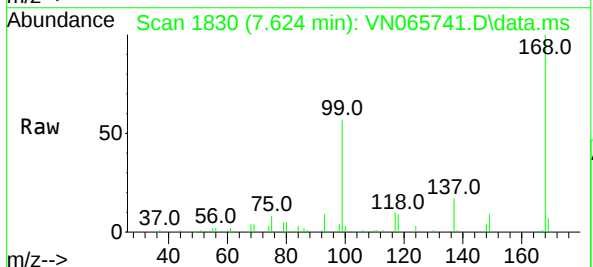
Tgt Ion: 75 Resp: 13963
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#

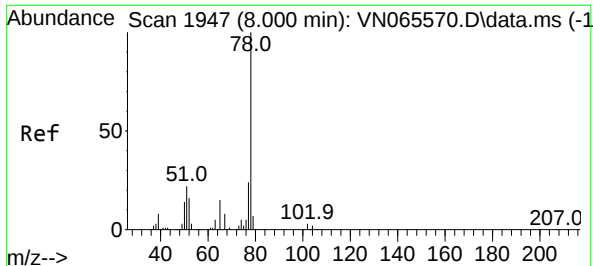


#38

Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Tgt Ion: 117 Resp: 17614
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.5 36.7#





#40

Benzene

Concen: 0.25 ug/l

RT: 7.997 min Scan# 1946

Delta R.T. -0.003 min

Lab File: VN065741.D

Acq: 5 Feb 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

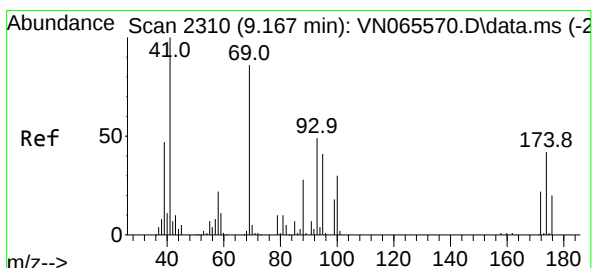
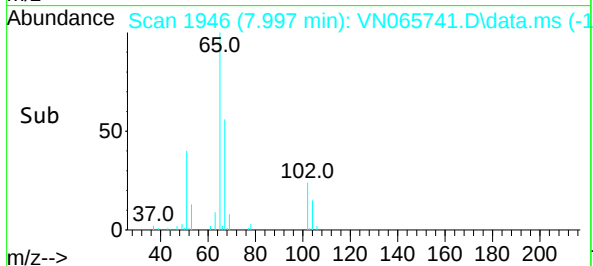
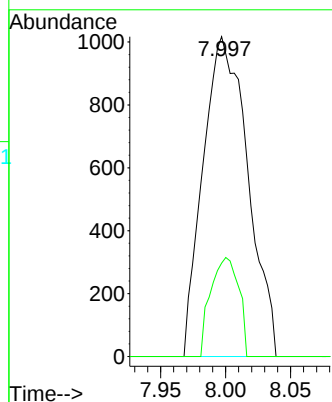
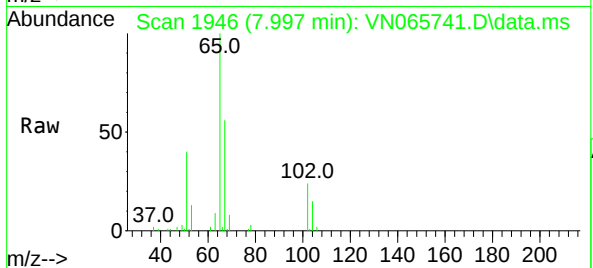
31408-31410

Tgt Ion: 78 Resp: 2438

Ion Ratio Lower Upper

78 100

77 29.2 19.0 28.4#



#48

Methyl methacrylate

Concen: 0.23 ug/l

RT: 9.138 min Scan# 2301

Delta R.T. -0.029 min

Lab File: VN065741.D

Acq: 5 Feb 2021 16:32

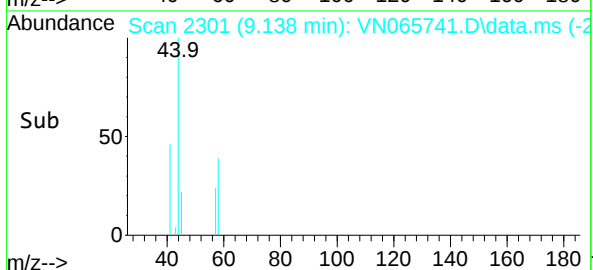
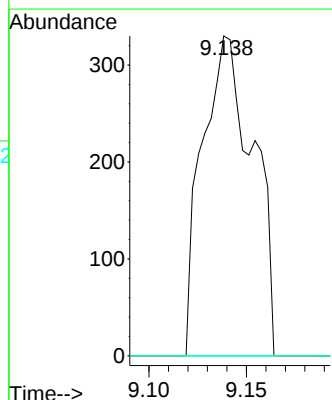
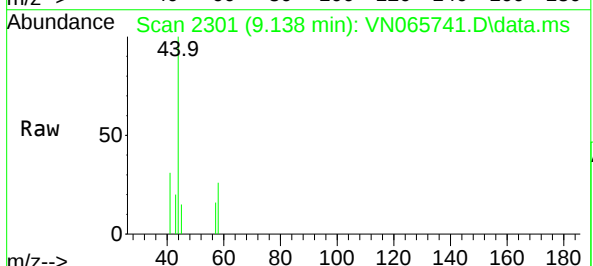
Tgt Ion: 41 Resp: 596

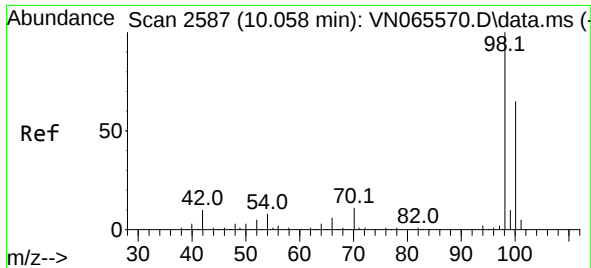
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 46.6 69.8#

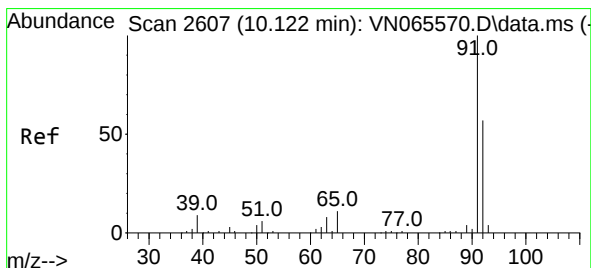
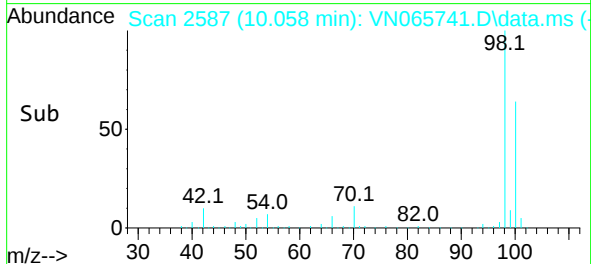
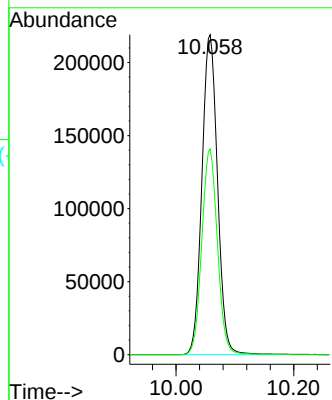
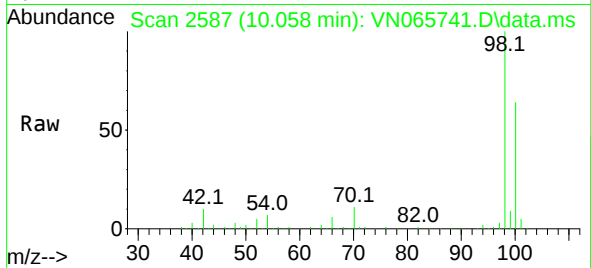




#50
Toluene-d8
Concen: 53.65 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

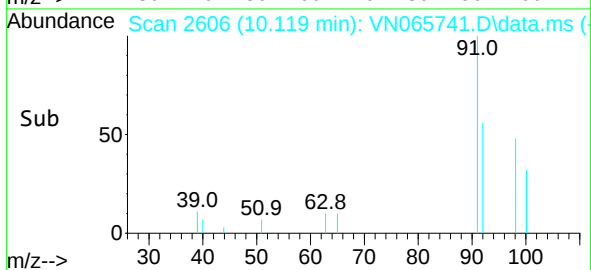
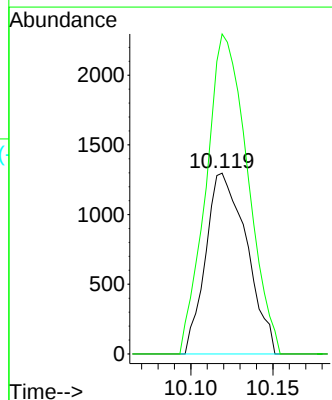
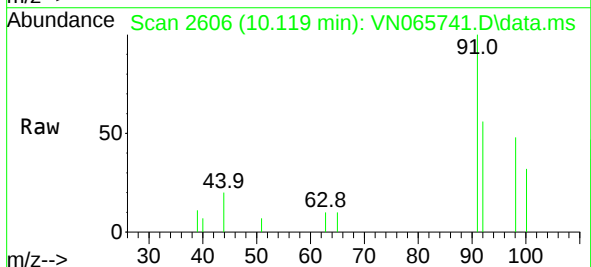
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

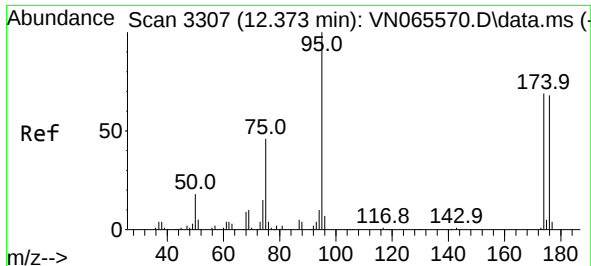
Tgt Ion: 98 Resp: 402978
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#52
Toluene
Concen: 0.38 ug/l
RT: 10.119 min Scan# 2606
Delta R.T. -0.003 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Tgt Ion: 92 Resp: 2245
Ion Ratio Lower Upper
92 100
91 179.6 140.7 211.1

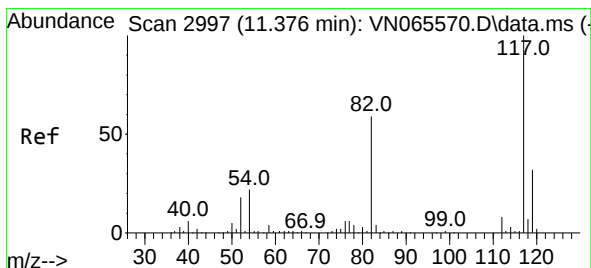
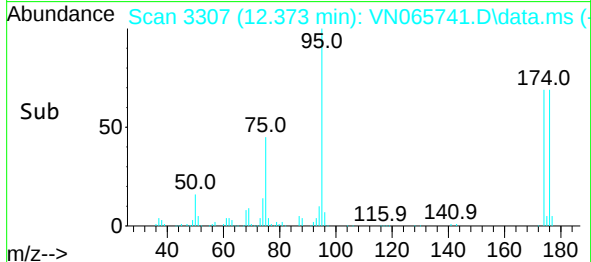
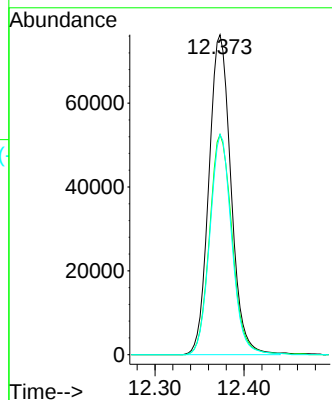
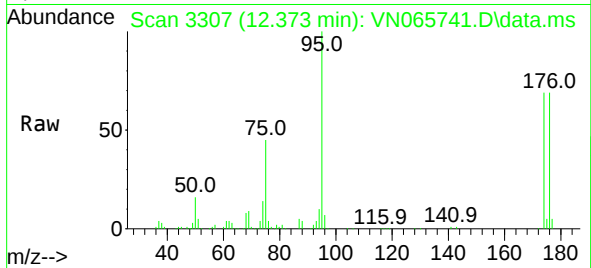




#62
4-Bromofluorobenzene
Concen: 48.52 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

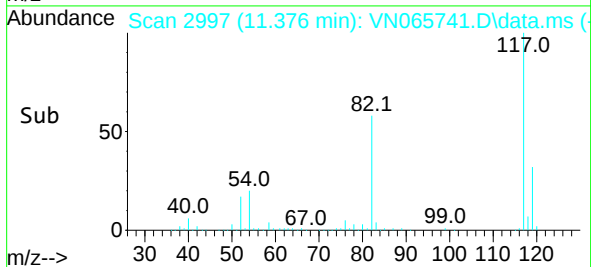
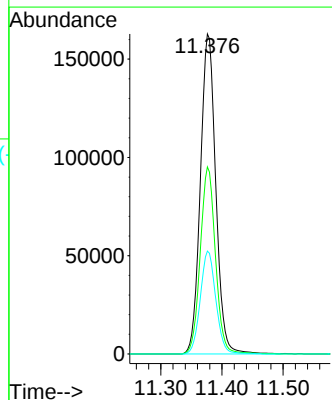
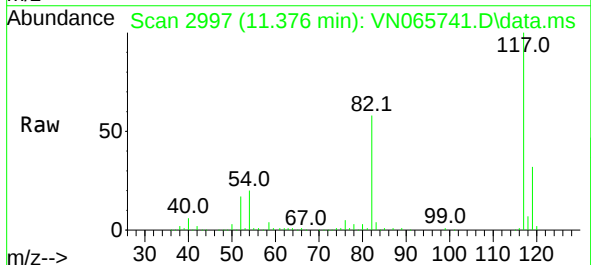
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

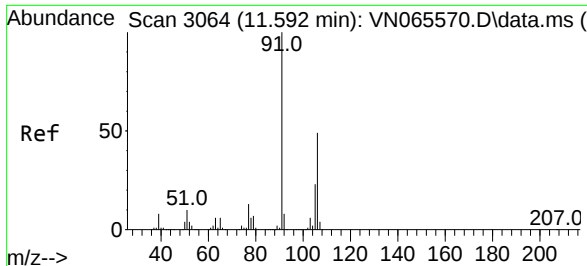
Tgt Ion: 95 Resp: 131219
Ion Ratio Lower Upper
95 100
174 70.5 0.0 169.0
176 68.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Tgt Ion: 117 Resp: 285193
Ion Ratio Lower Upper
117 100
82 58.4 43.7 65.5
119 32.1 26.1 39.1

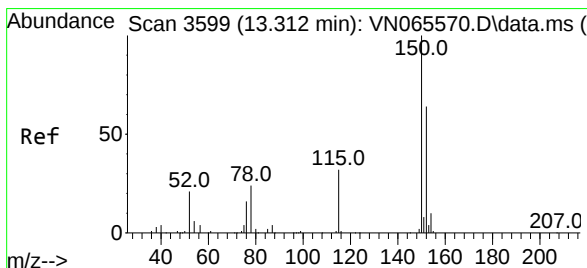
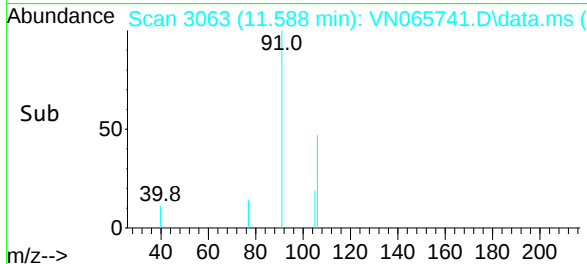
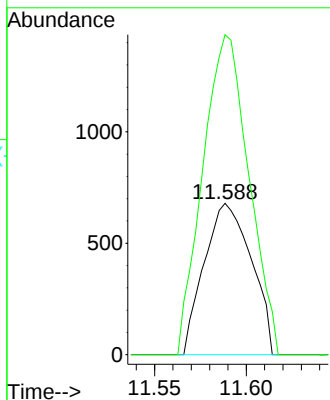
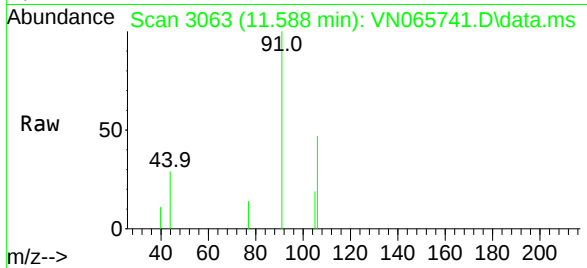




#68
m/p-Xylenes
Concen: 0.30 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

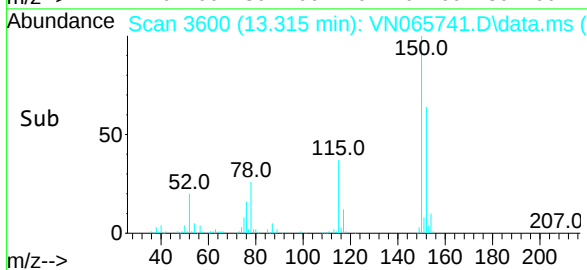
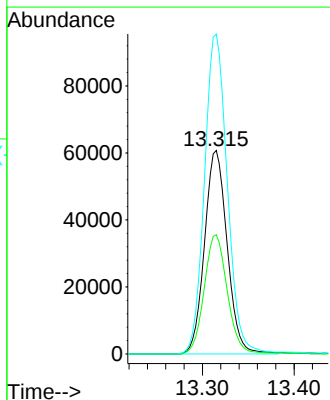
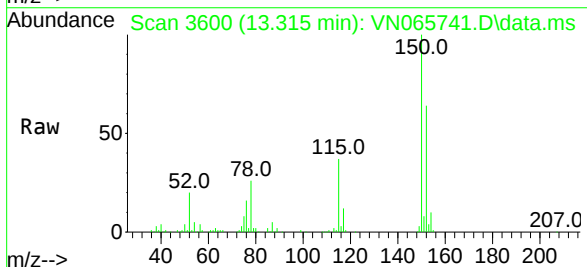
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

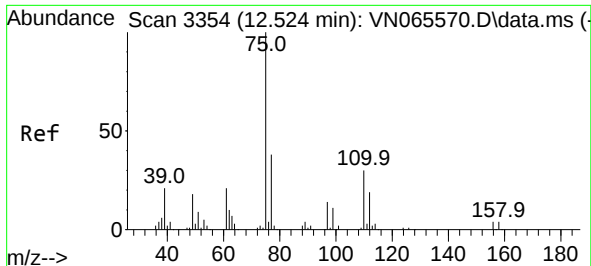
Tgt Ion:106 Resp: 1215
Ion Ratio Lower Upper
106 100
91 206.3 161.4 242.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

Tgt Ion:152 Resp: 104330
Ion Ratio Lower Upper
152 100
115 59.8 28.5 85.6
150 159.6 0.0 347.6

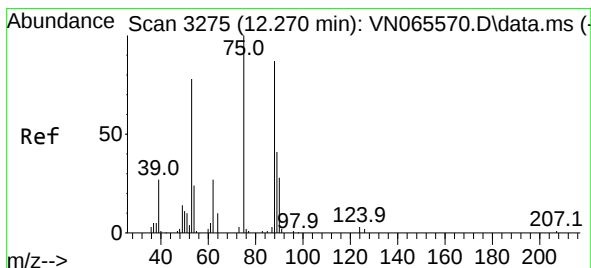
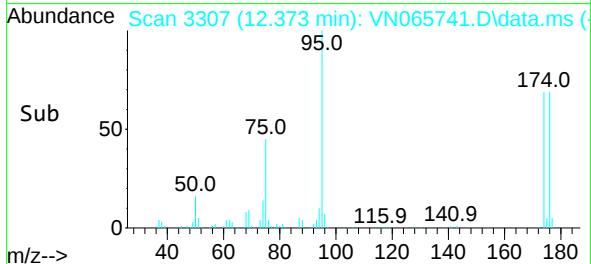
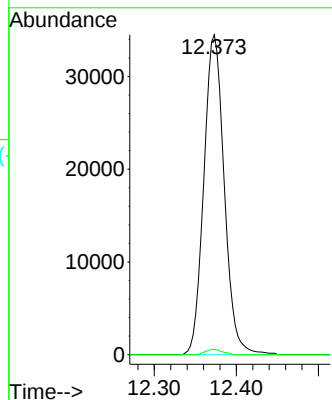
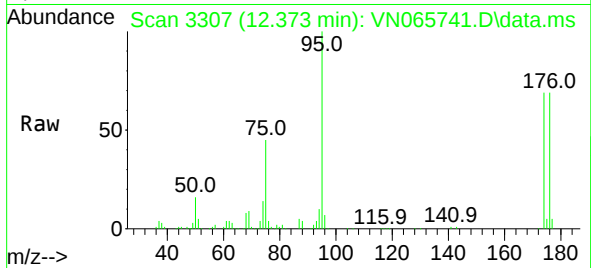




#76
1,2,3-Trichloropropane
Concen: 21.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

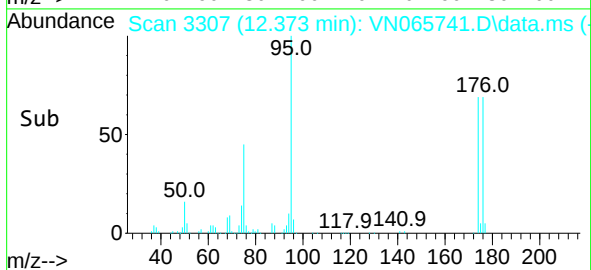
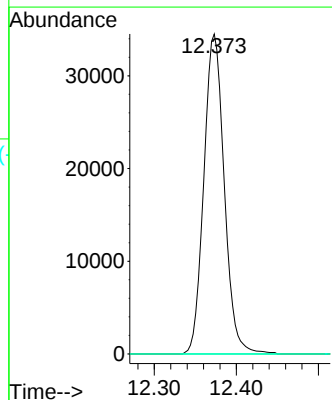
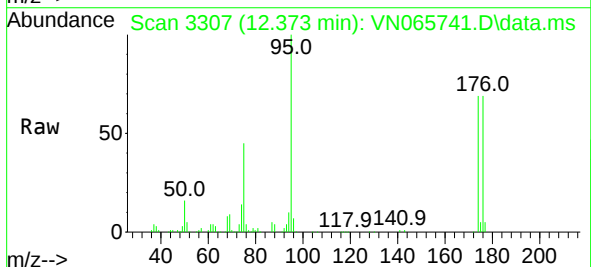
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

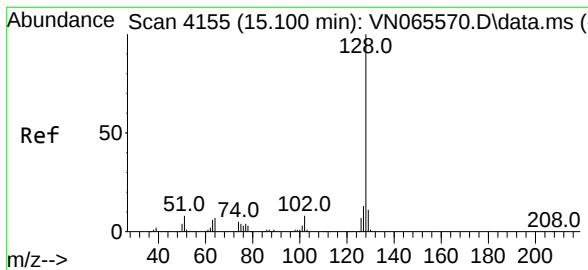
Tgt Ion: 75 Resp: 59708
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.06 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065741.D
Acq: 5 Feb 2021 16:32

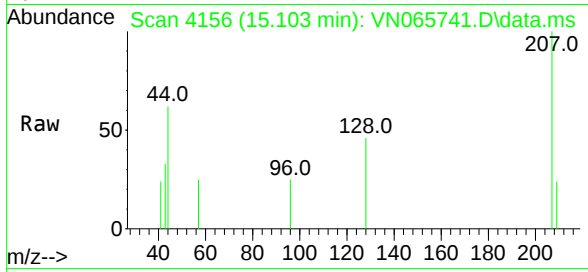
Tgt Ion: 75 Resp: 59708
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
 Naphthalene
 Concen: 3.53 ug/l
 RT: 15.103 min Scan# 4156
 Delta R.T. 0.003 min
 Lab File: VN065741.D
 Acq: 5 Feb 2021 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 31408-31410



Tgt Ion:128 Resp: 540
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.6 13.0#

