

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065761.D
 Acq On : 8 Feb 2021 17:39
 Operator : JC/MD
 Sample : PB134480TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134480TB

Quant Time: Feb 09 00:42:07 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)

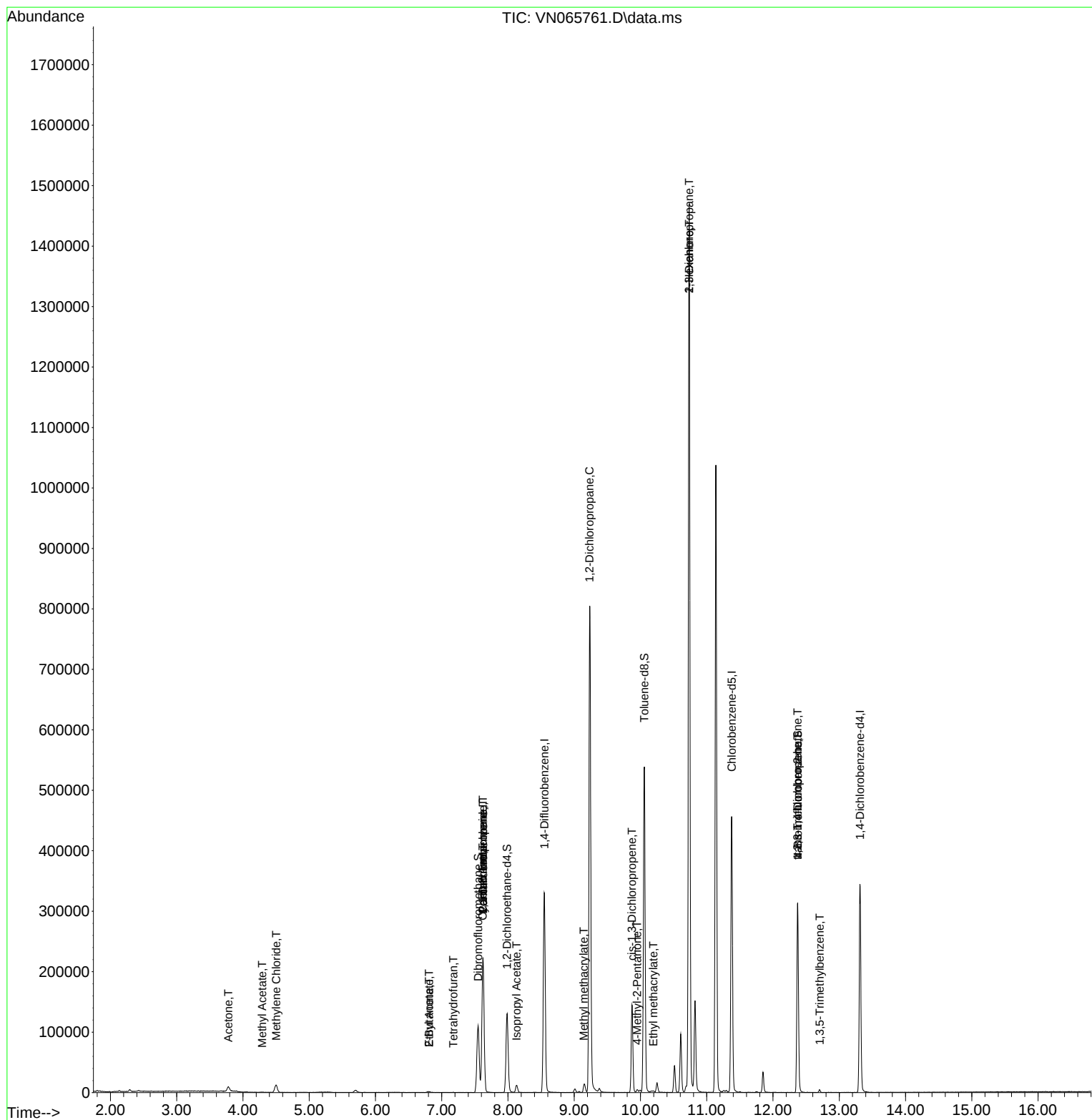
Internal Standards						
1) Pentafluorobenzene	7.624	168	189324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	315970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	281346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	102632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	108473	43.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.10%		
35) Dibromofluoromethane	7.550	113	91150	48.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.36%		
50) Toluene-d8	10.058	98	394543	53.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.22%		
62) 4-Bromofluorobenzene	12.373	95	126366	47.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.36%		
Target Compounds					Qvalue	
16) Acetone	3.779	43	11665	12.03	ug/l	97
18) Methyl Acetate	4.290	43	597	0.22	ug/l #	51
20) Methylene Chloride	4.502	84	9762	3.64	ug/l	96
25) 2-Butanone	6.807	43	1717	1.13	ug/l #	46
29) Tetrahydrofuran	7.177	42	280	0.25	ug/l #	32
31) Cyclohexane	7.618	56	3305	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	13492	4.24	ug/l #	47
37) Ethyl Acetate	6.807	43	1717	0.56	ug/l #	68
38) Carbon Tetrachloride	7.621	117	17147	6.55	ug/l #	18
43) Isopropyl Acetate	8.129	43	14198	2.62	ug/l #	90
45) 1,2-Dichloropropane	9.232	63	870	0.33	ug/l #	44
48) Methyl methacrylate	9.145	41	3583	1.40	ug/l #	10
51) 4-Methyl-2-Pentanone	9.949	43	3480	1.17	ug/l	91
54) cis-1,3-Dichloropropene	9.872	75	28805	7.01	ug/l #	57
56) Ethyl methacrylate	10.196	69	1511	0.42	ug/l	92
57) 1,3-Dichloropropane	10.733	76	16403	4.25	ug/l #	43
59) 2-Hexanone	10.733	43	200454	96.83	ug/l #	52
76) 1,2,3-Trichloropropane	12.370	75	57597	21.46	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	3398	0.44	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.370	75	57597	54.97	ug/l #	12

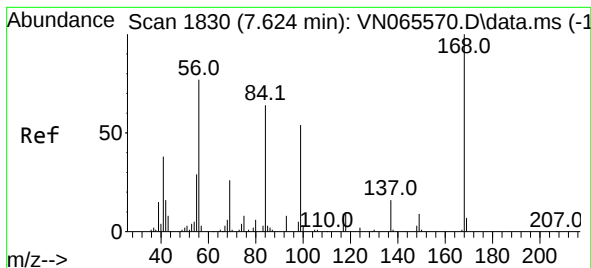
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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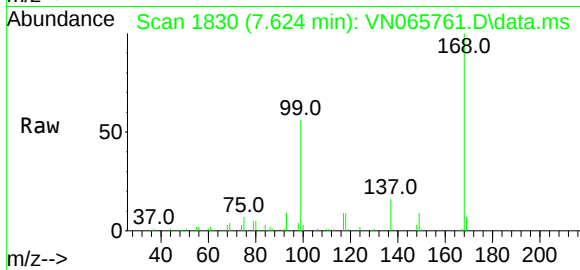
Quant Time: Feb 09 00:42:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
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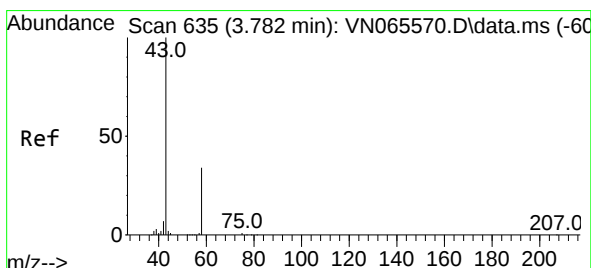
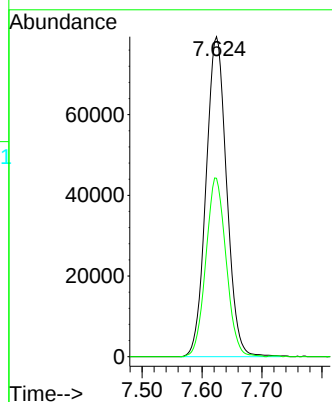
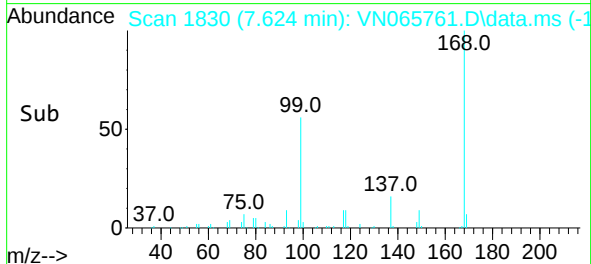


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

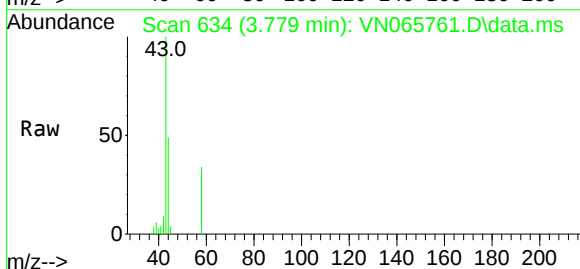
Instrument :
MSVOA_N
ClientSampleId :
PB134480TB



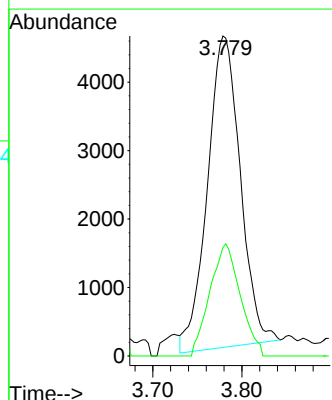
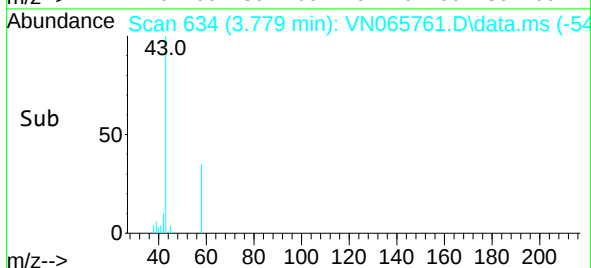
Tgt Ion:168 Resp: 189324
Ion Ratio Lower Upper
168 100
99 55.8 42.6 63.8

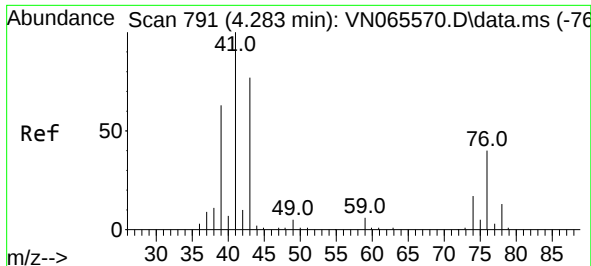


#16
Acetone
Concen: 12.03 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39



Tgt Ion: 43 Resp: 11665
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.6





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 4.290 min Scan# 793

Delta R.T. 0.007 min

Lab File: VN065761.D

Acq: 8 Feb 2021 17:39

Instrument :

MSVOA_N

ClientSampleId :

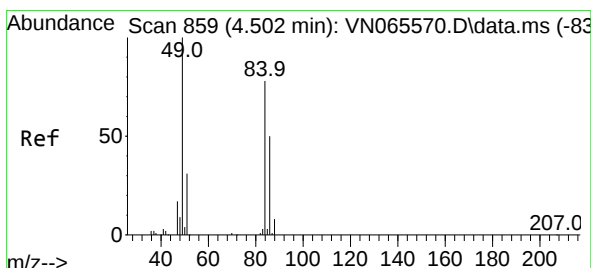
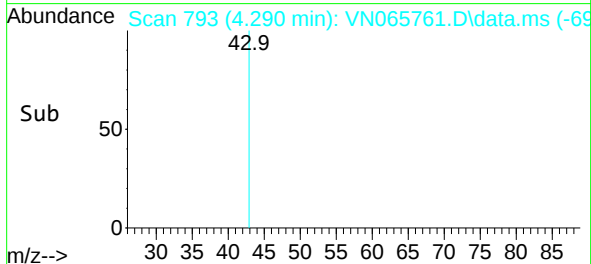
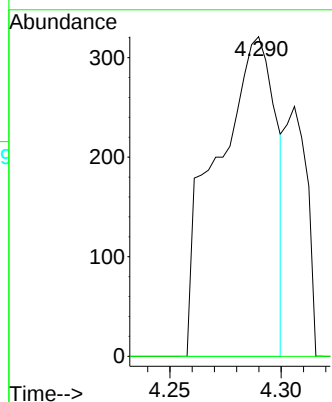
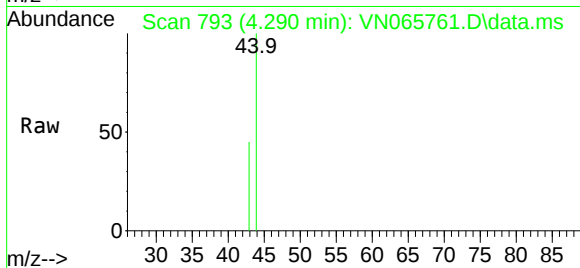
PB134480TB

Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#20

Methylene Chloride

Concen: 3.64 ug/l

RT: 4.502 min Scan# 859

Delta R.T. 0.000 min

Lab File: VN065761.D

Acq: 8 Feb 2021 17:39

Tgt Ion: 84 Resp: 9762

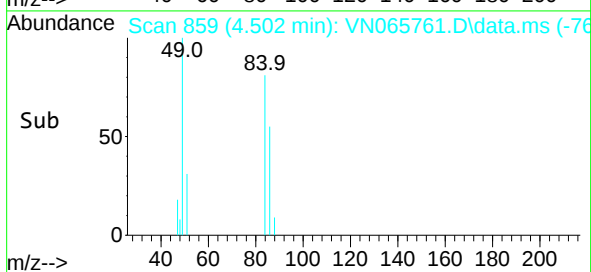
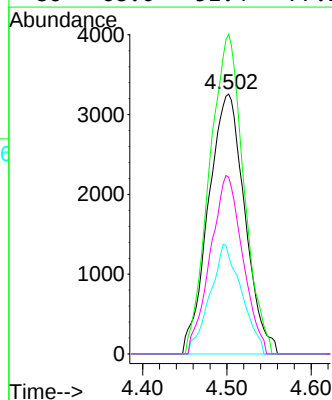
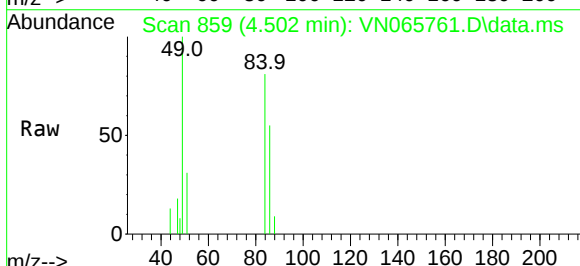
Ion Ratio Lower Upper

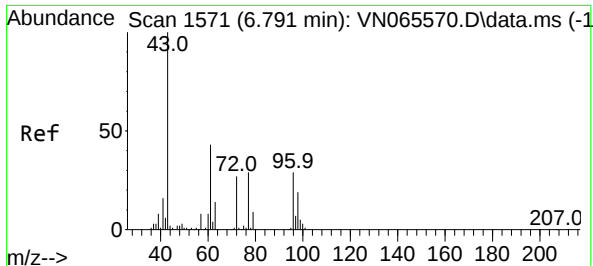
84 100

49 123.2 94.6 141.8

51 37.8 29.9 44.9

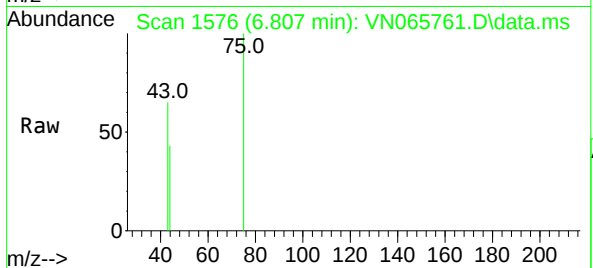
86 68.0 51.4 77.2



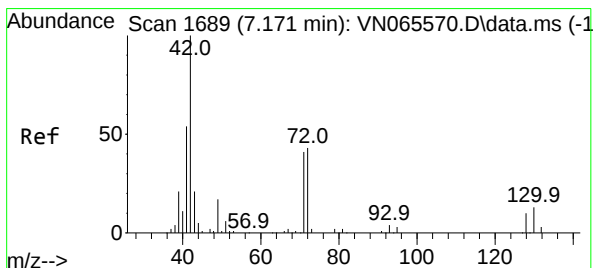
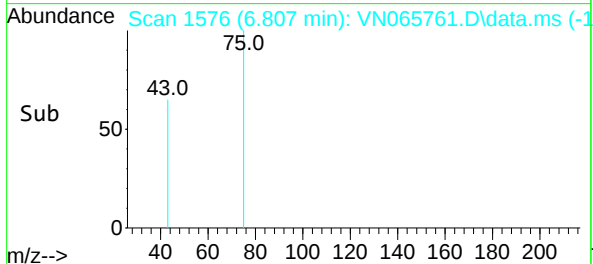
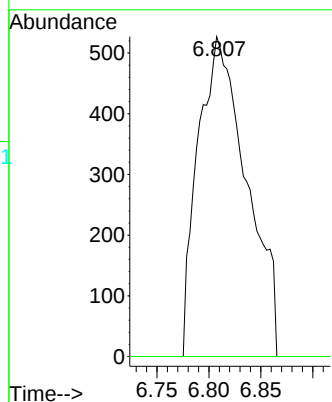


#25
2-Butanone
Concen: 1.13 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

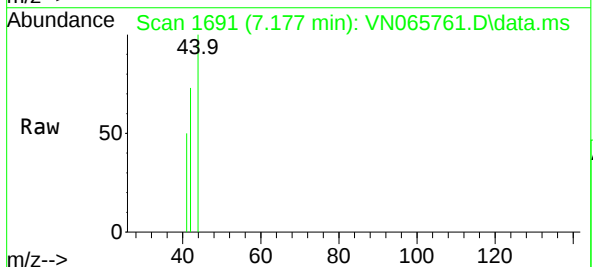
Instrument :
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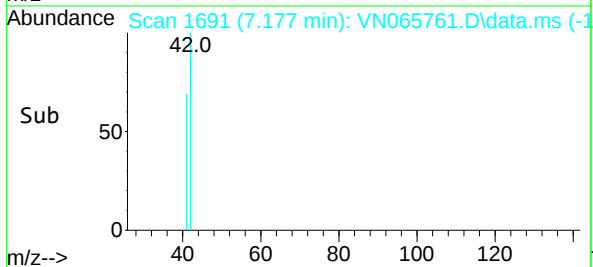
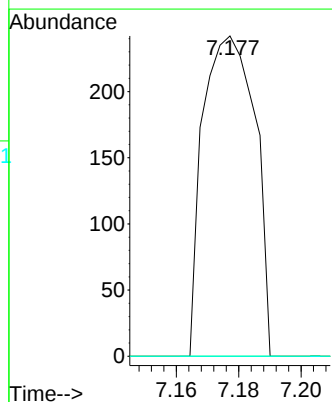
Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#

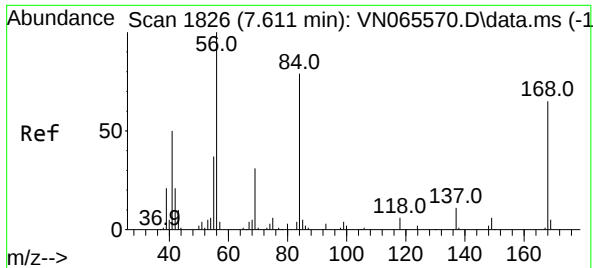


#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39



Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#

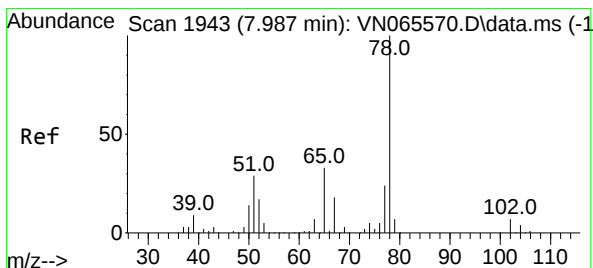
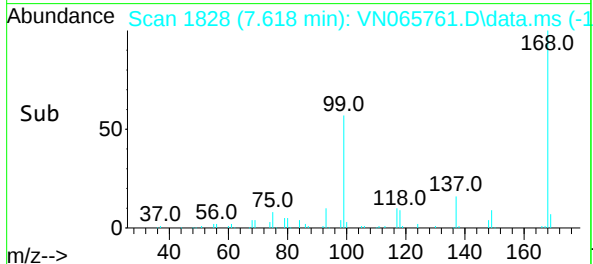
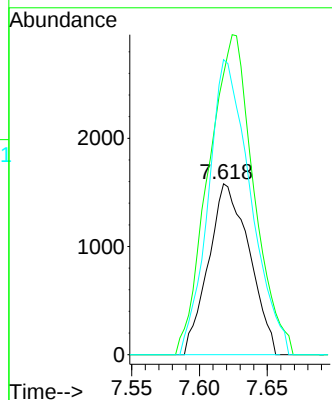
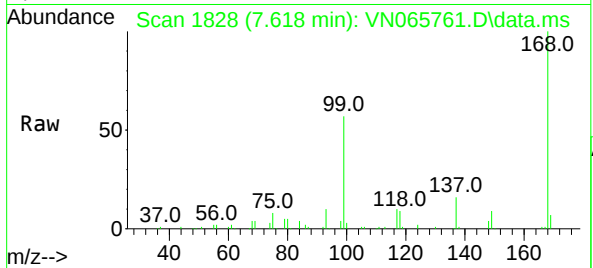




#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

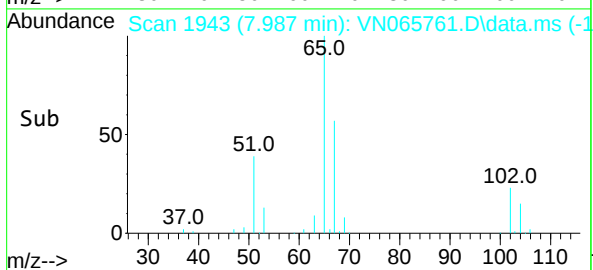
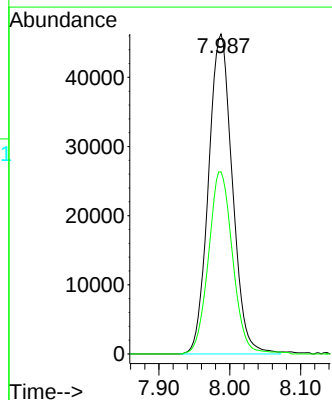
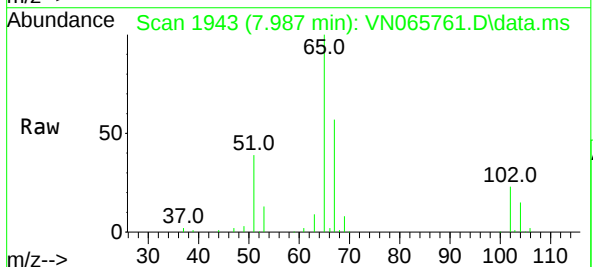
Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

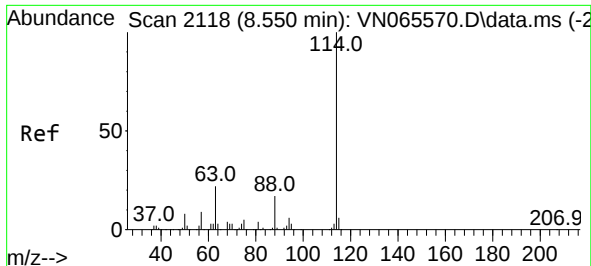
Tgt Ion: 56 Resp: 3305
Ion Ratio Lower Upper
56 100
69 154.3 26.6 39.8#
84 172.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 43.55 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 65 Resp: 108473
Ion Ratio Lower Upper
65 100
67 57.3 0.0 107.2

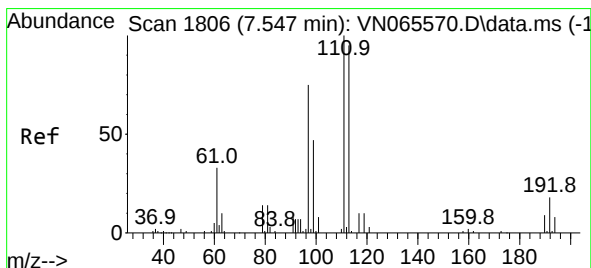
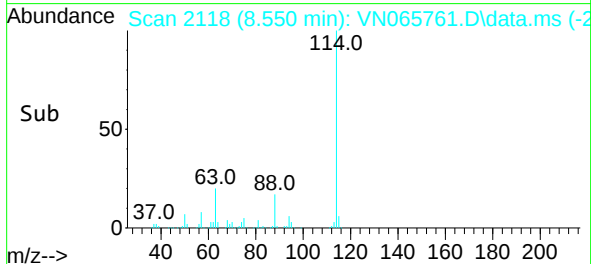
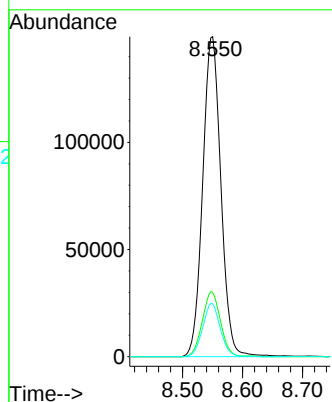
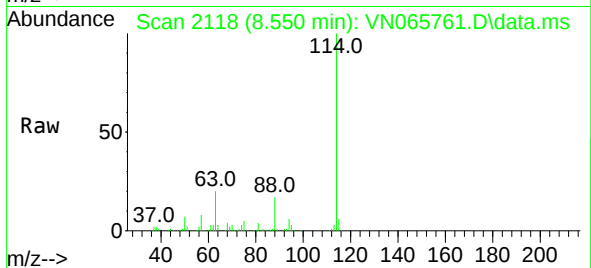




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

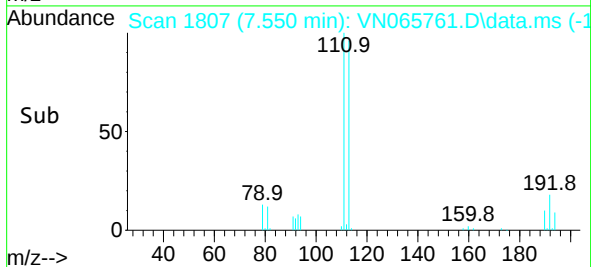
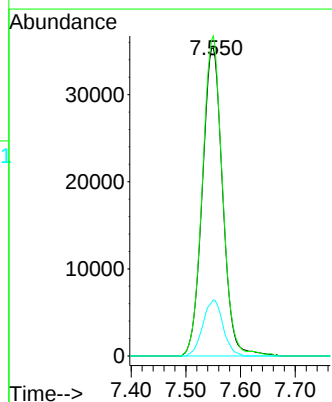
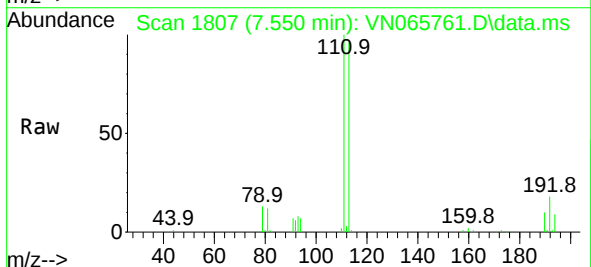
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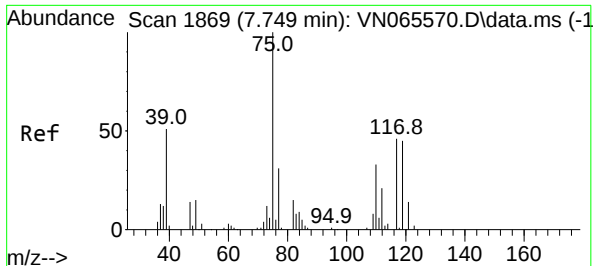
Tgt Ion:114 Resp: 315970
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.68 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion:113 Resp: 91150
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 18.0 15.4 23.0



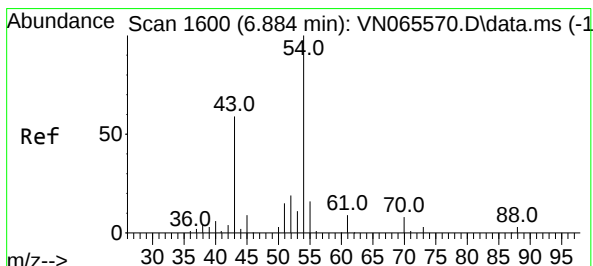
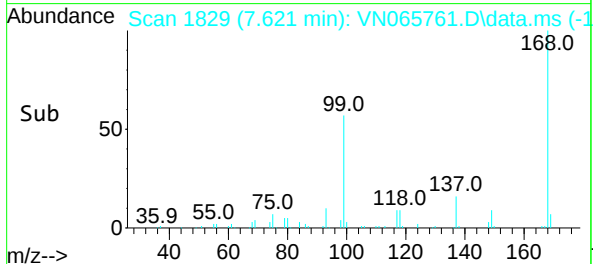
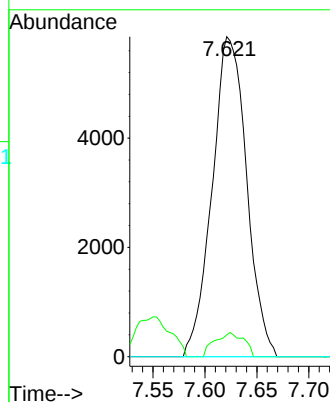
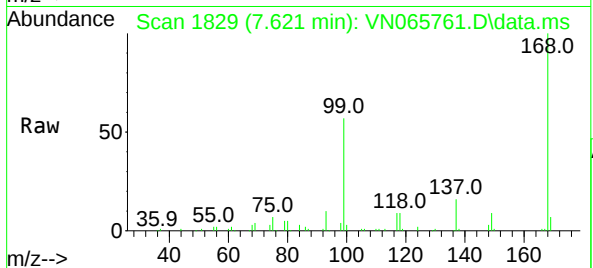


#36

1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Instrument :
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PB134480TB

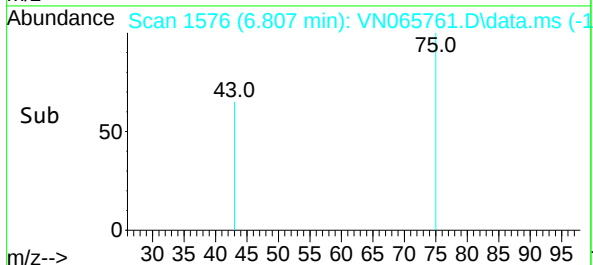
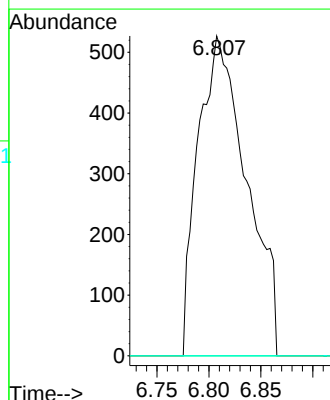
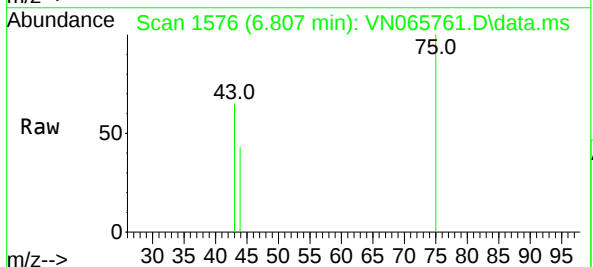
Tgt Ion: 75 Resp: 13492
Ion Ratio Lower Upper
75 100
110 6.3 18.2 54.6#
77 0.0 24.9 37.3#

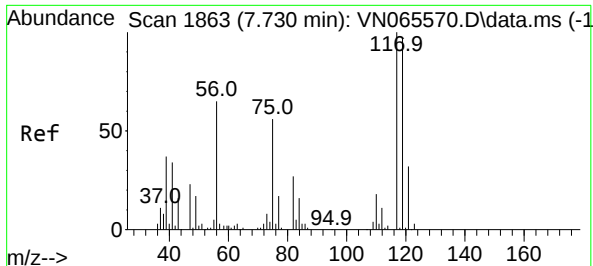


#37

Ethyl Acetate
Concen: 0.56 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. -0.077 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

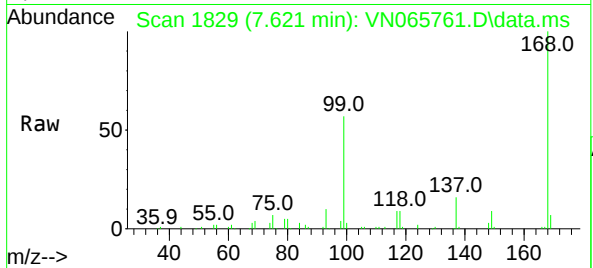
Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



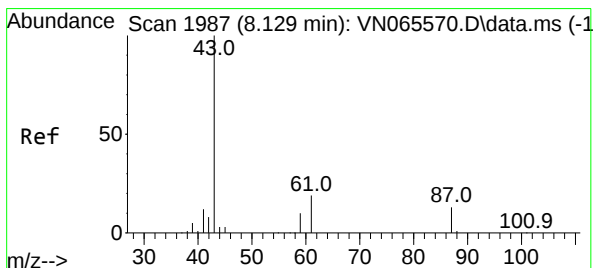
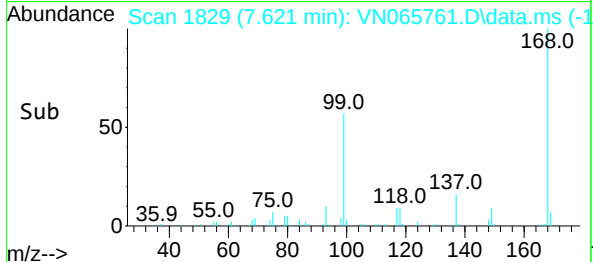
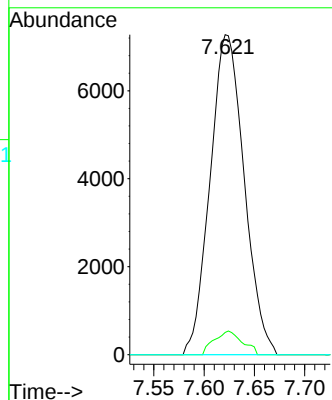


#38
Carbon Tetrachloride
Concen: 6.55 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

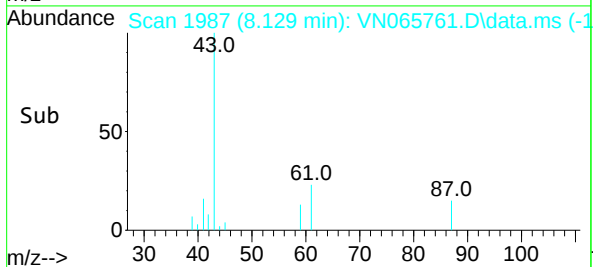
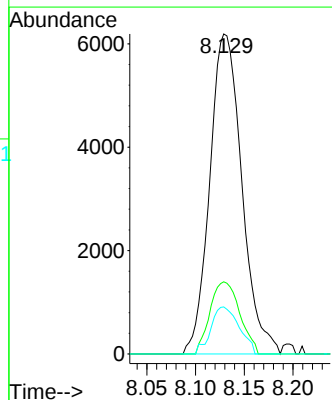
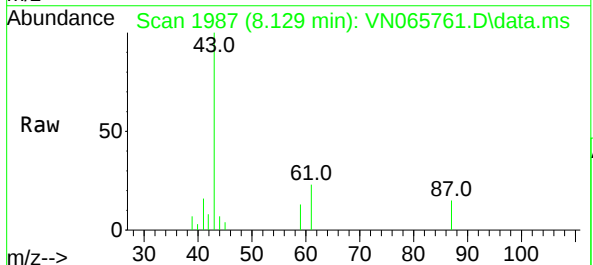


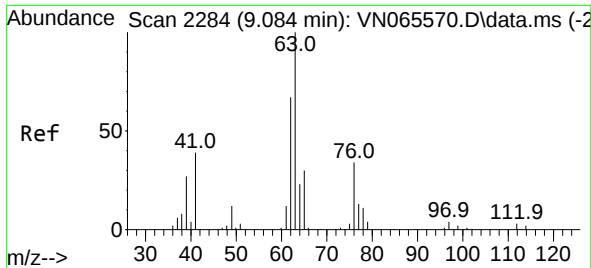
Tgt Ion:117 Resp: 17147
Ion Ratio Lower Upper
117 100
119 7.0 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.62 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 43 Resp: 14198
Ion Ratio Lower Upper
43 100
61 20.9 22.5 33.7#
87 12.9 11.1 16.7

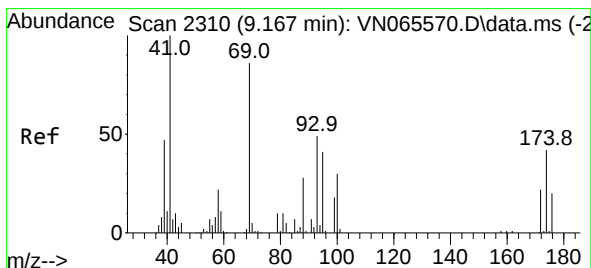
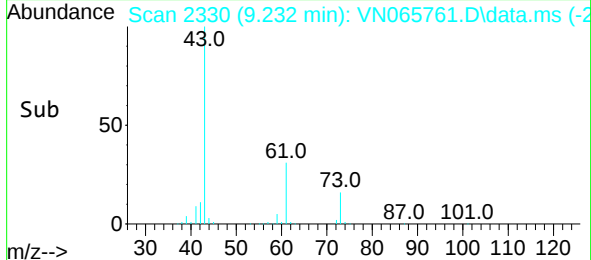
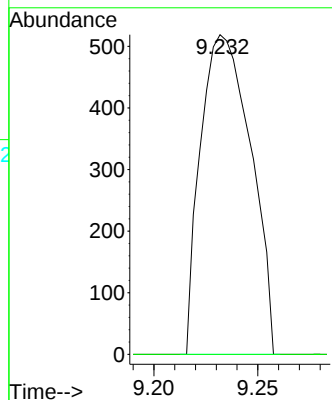
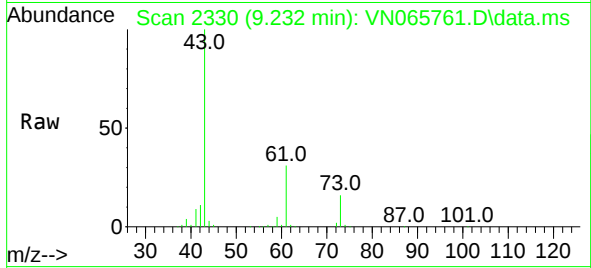




#45
1,2-Dichloropropane
Concen: 0.33 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

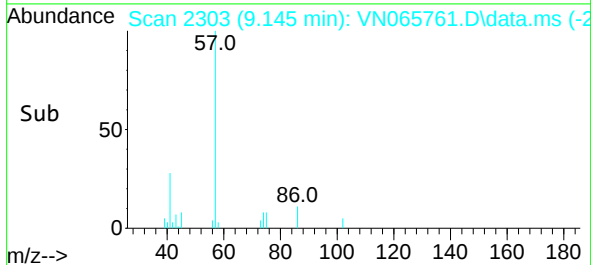
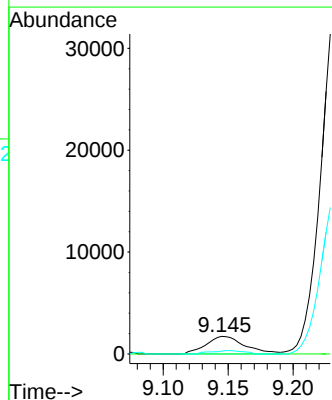
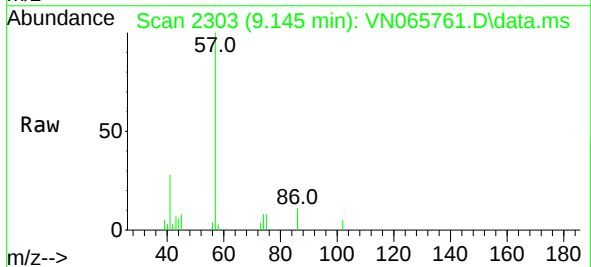
Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

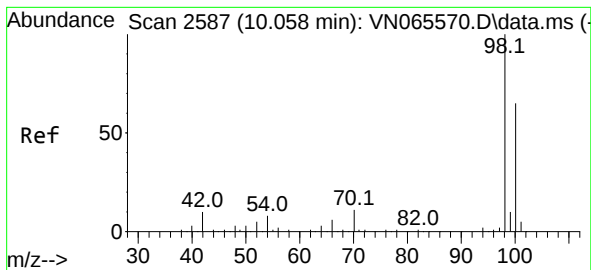
Tgt Ion: 63 Resp: 870
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.40 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 41 Resp: 3583
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

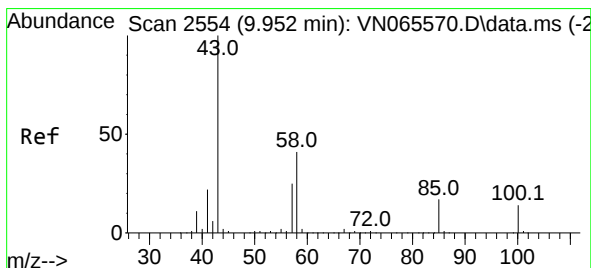
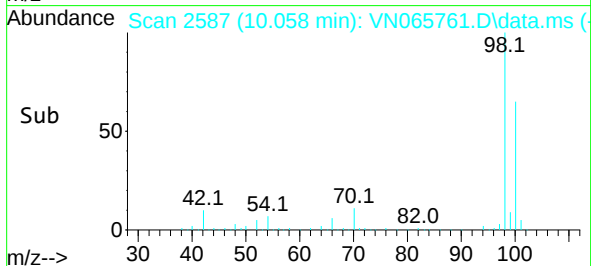
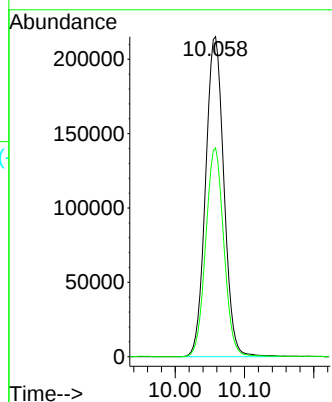
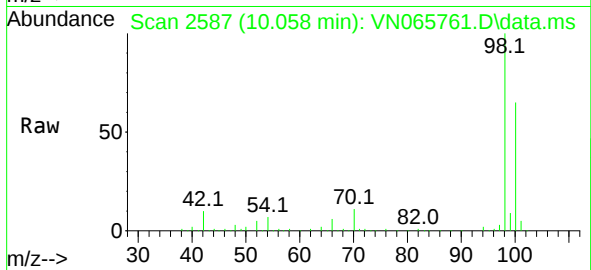




#50
Toluene-d8
Concen: 53.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

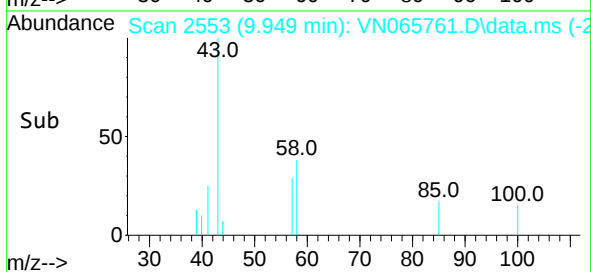
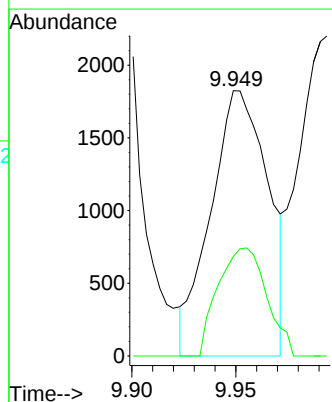
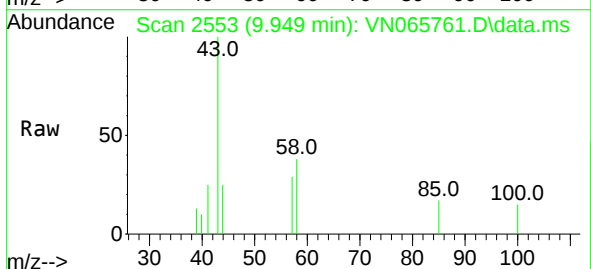
Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

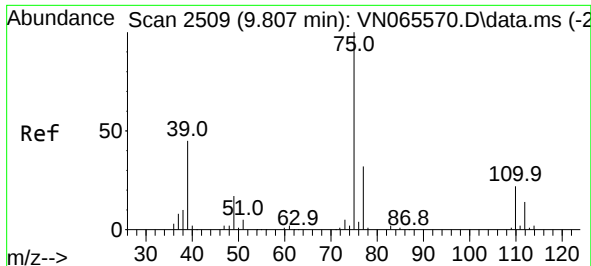
Tgt Ion: 98 Resp: 394543
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 34.7 32.5 48.7

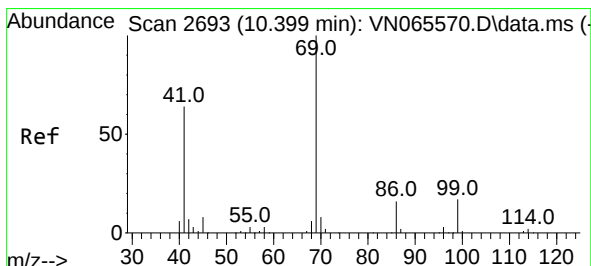
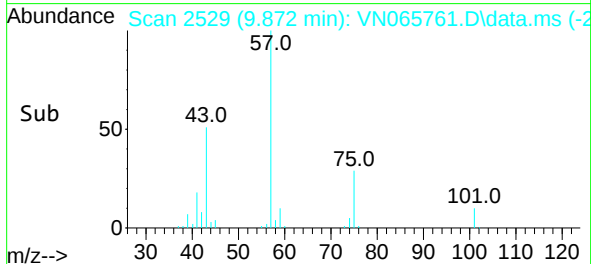
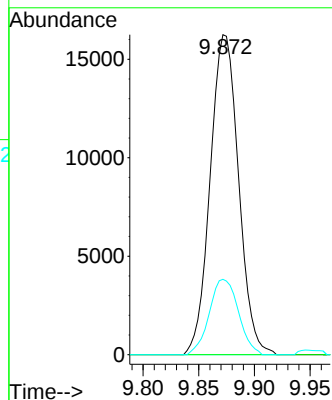
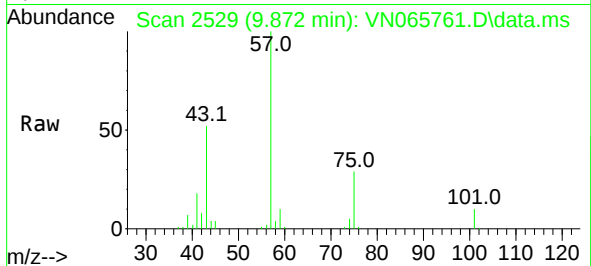




#54
 cis-1,3-Dichloropropene
 Concen: 7.01 ug/l
 RT: 9.872 min Scan# 2529
 Delta R.T. 0.065 min
 Lab File: VN065761.D
 Acq: 8 Feb 2021 17:39

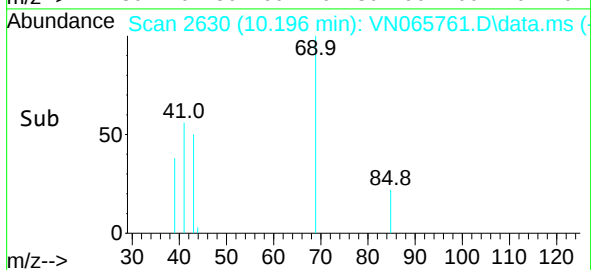
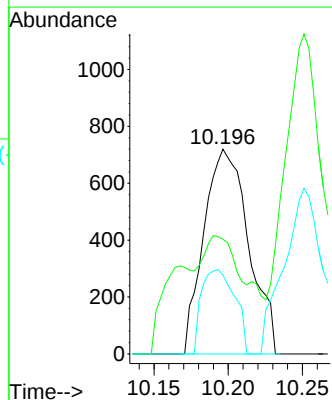
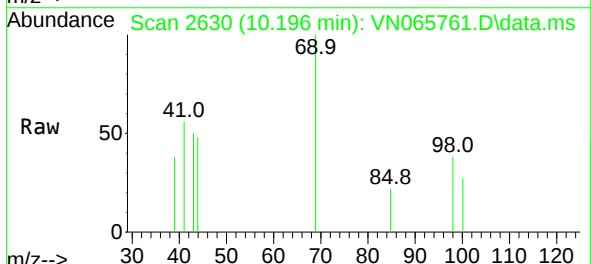
Instrument :
 MSVOA_N
 ClientSampleId :
 PB134480TB

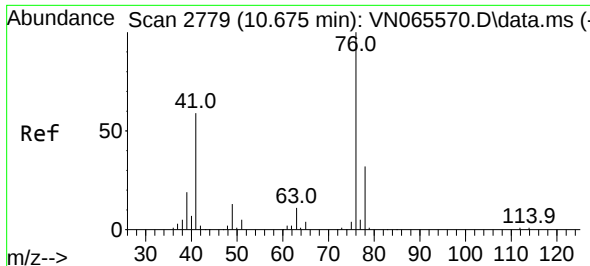
Tgt Ion: 75 Resp: 28805
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 23.6 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 0.42 ug/l
 RT: 10.196 min Scan# 2630
 Delta R.T. -0.203 min
 Lab File: VN065761.D
 Acq: 8 Feb 2021 17:39

Tgt Ion: 69 Resp: 1511
 Ion Ratio Lower Upper
 69 100
 41 55.9 49.6 74.4
 39 30.5 28.0 42.0

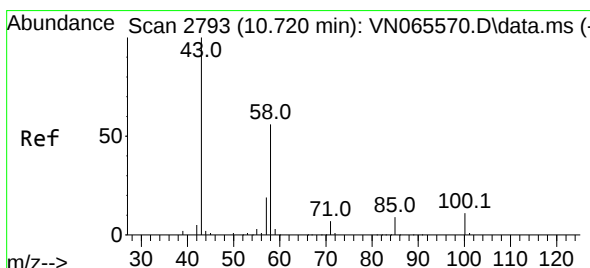
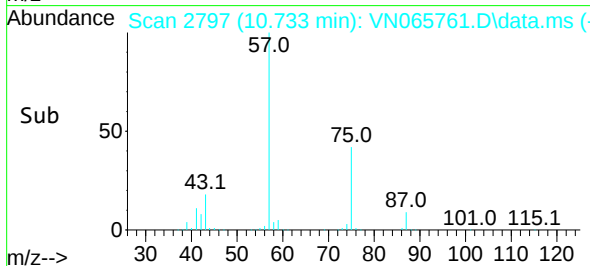
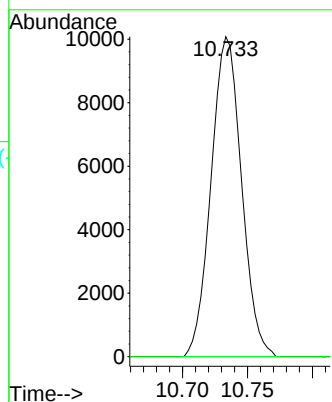
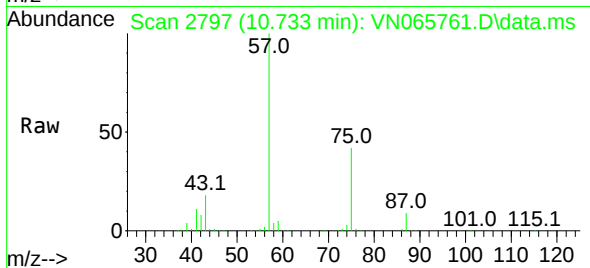




#57
1,3-Dichloropropane
Concen: 4.25 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

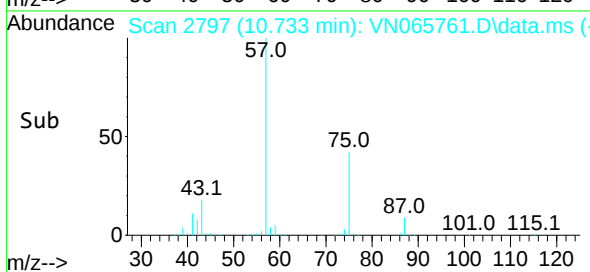
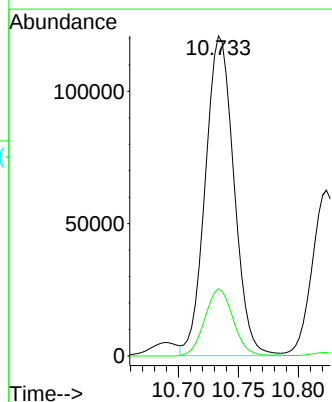
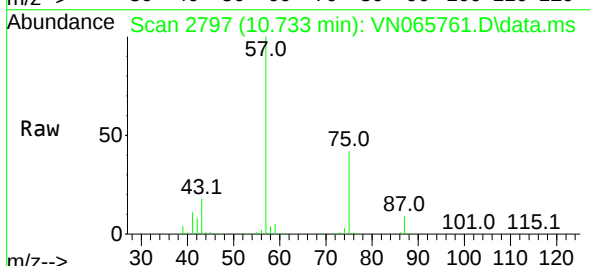
Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

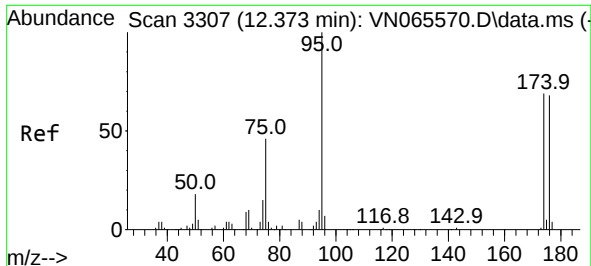
Tgt Ion: 76 Resp: 16403
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 96.83 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 43 Resp: 200454
Ion Ratio Lower Upper
43 100
58 20.8 28.1 84.3#

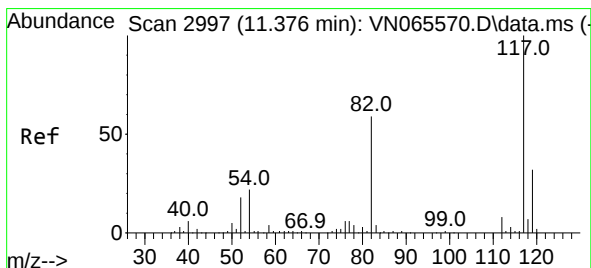
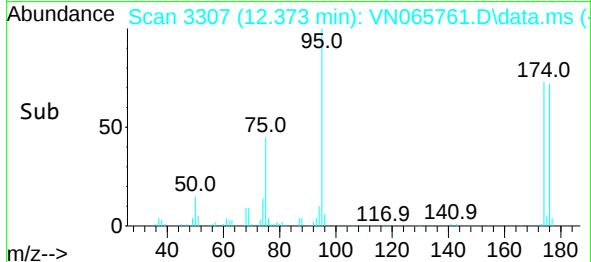
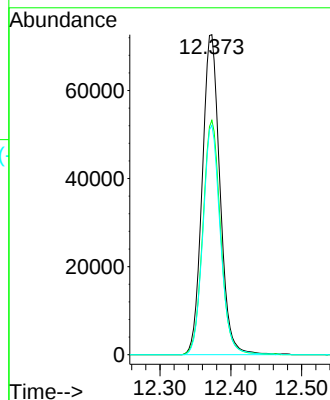
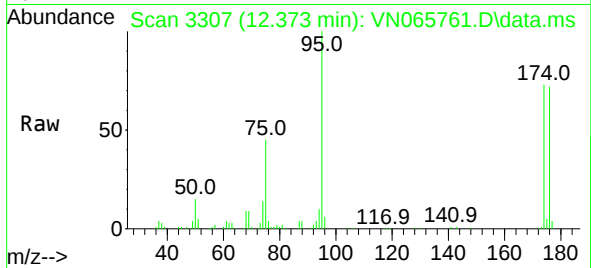




#62
4-Bromofluorobenzene
Concen: 47.68 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

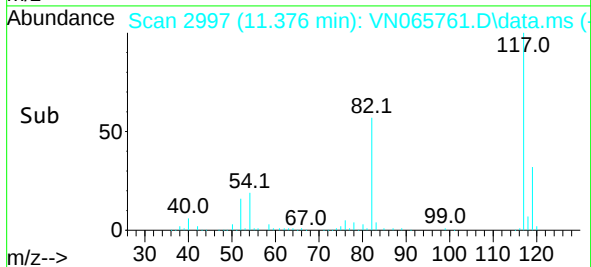
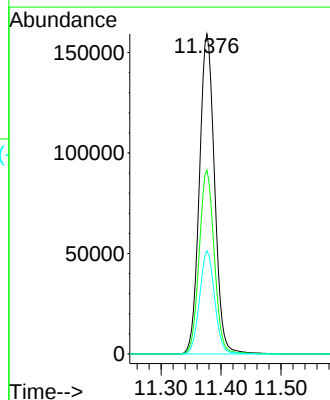
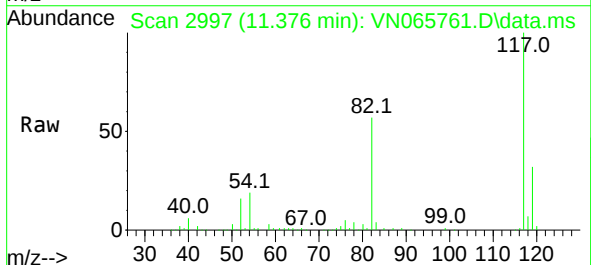
Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

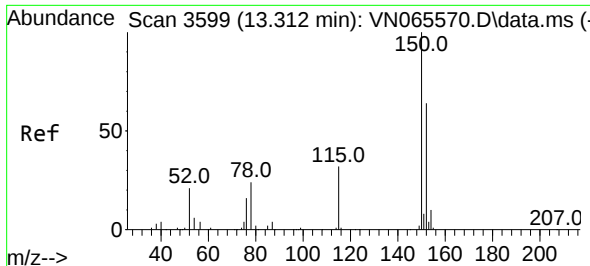
Tgt Ion: 95 Resp: 126366
Ion Ratio Lower Upper
95 100
174 73.1 0.0 169.0
176 70.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 117 Resp: 281346
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 32.2 26.1 39.1

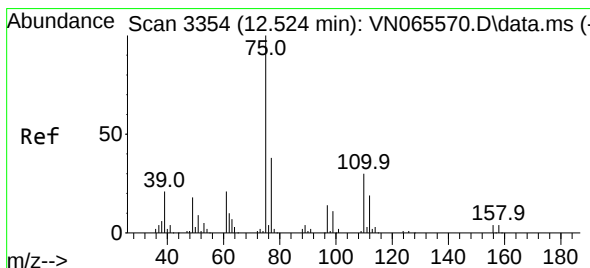
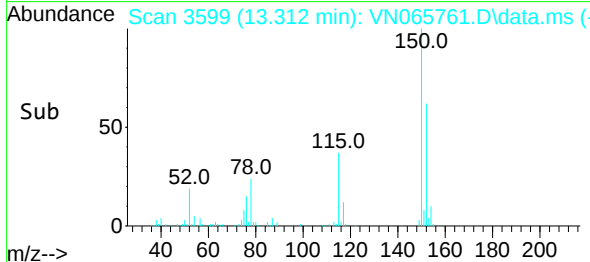
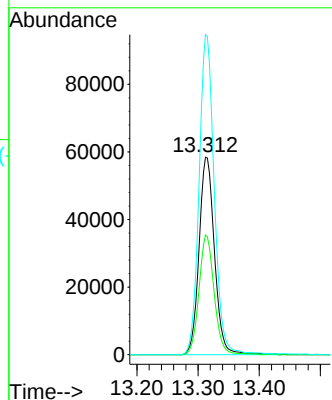
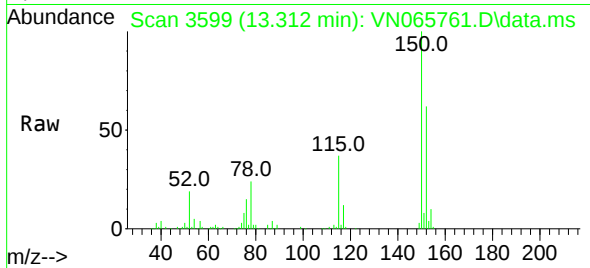




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

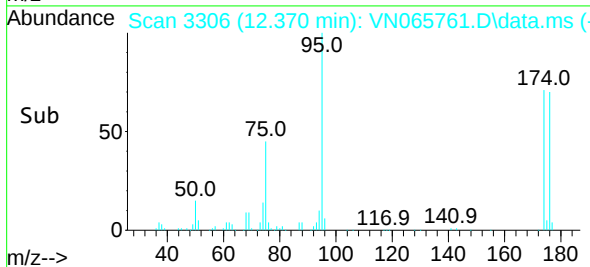
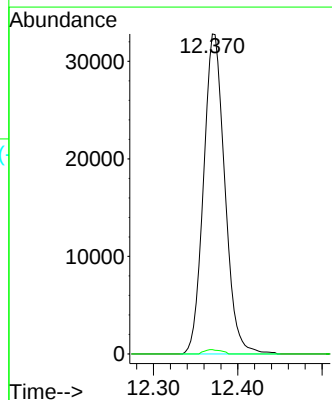
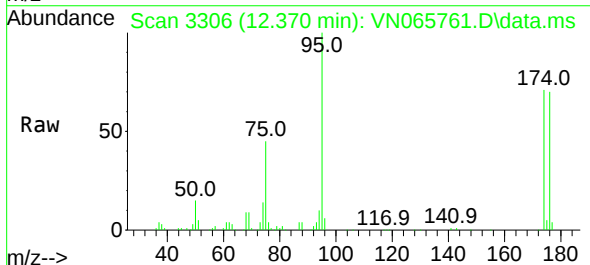
Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

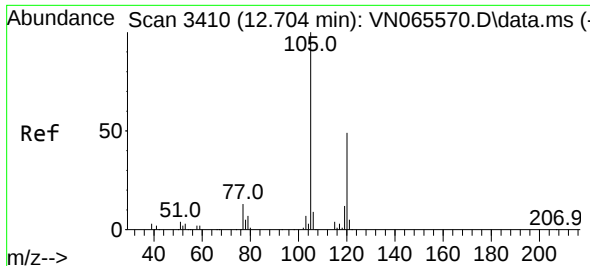
Tgt Ion:152 Resp: 102632
Ion Ratio Lower Upper
152 100
115 59.3 28.5 85.6
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.46 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 75 Resp: 57597
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

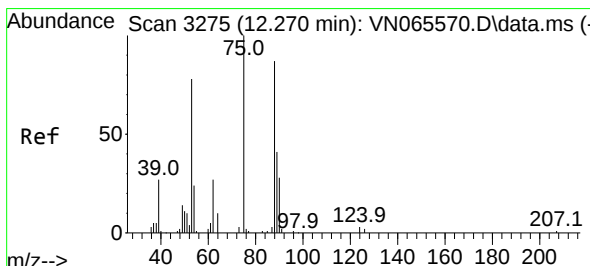
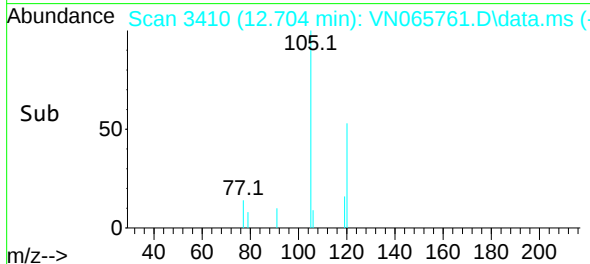
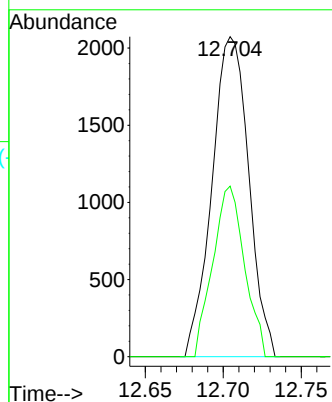
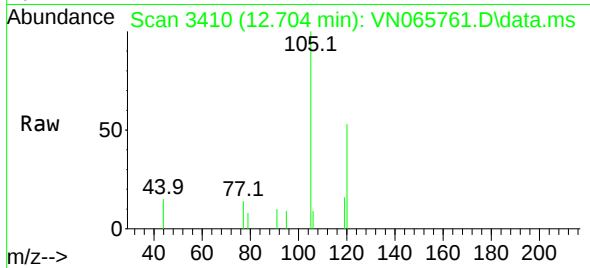




#80
1,3,5-Trimethylbenzene
Concen: 0.44 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Instrument :
MSVOA_N
ClientSampleId :
PB134480TB

Tgt Ion:105 Resp: 3398
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 54.97 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065761.D
Acq: 8 Feb 2021 17:39

Tgt Ion: 75 Resp: 57597
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

