

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065766.D
 Acq On : 8 Feb 2021 19:43
 Operator : JC/MD
 Sample : PB134480ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134480ZHE#05

Quant Time: Feb 09 00:43:46 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	8.547	114	315861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	284115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	101610	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	108155	43.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.84%
35) Dibromofluoromethane	7.547	113	90510	48.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.72%
50) Toluene-d8	10.055	98	395912	53.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.62%
62) 4-Bromofluorobenzene	12.373	95	127183	48.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.00%

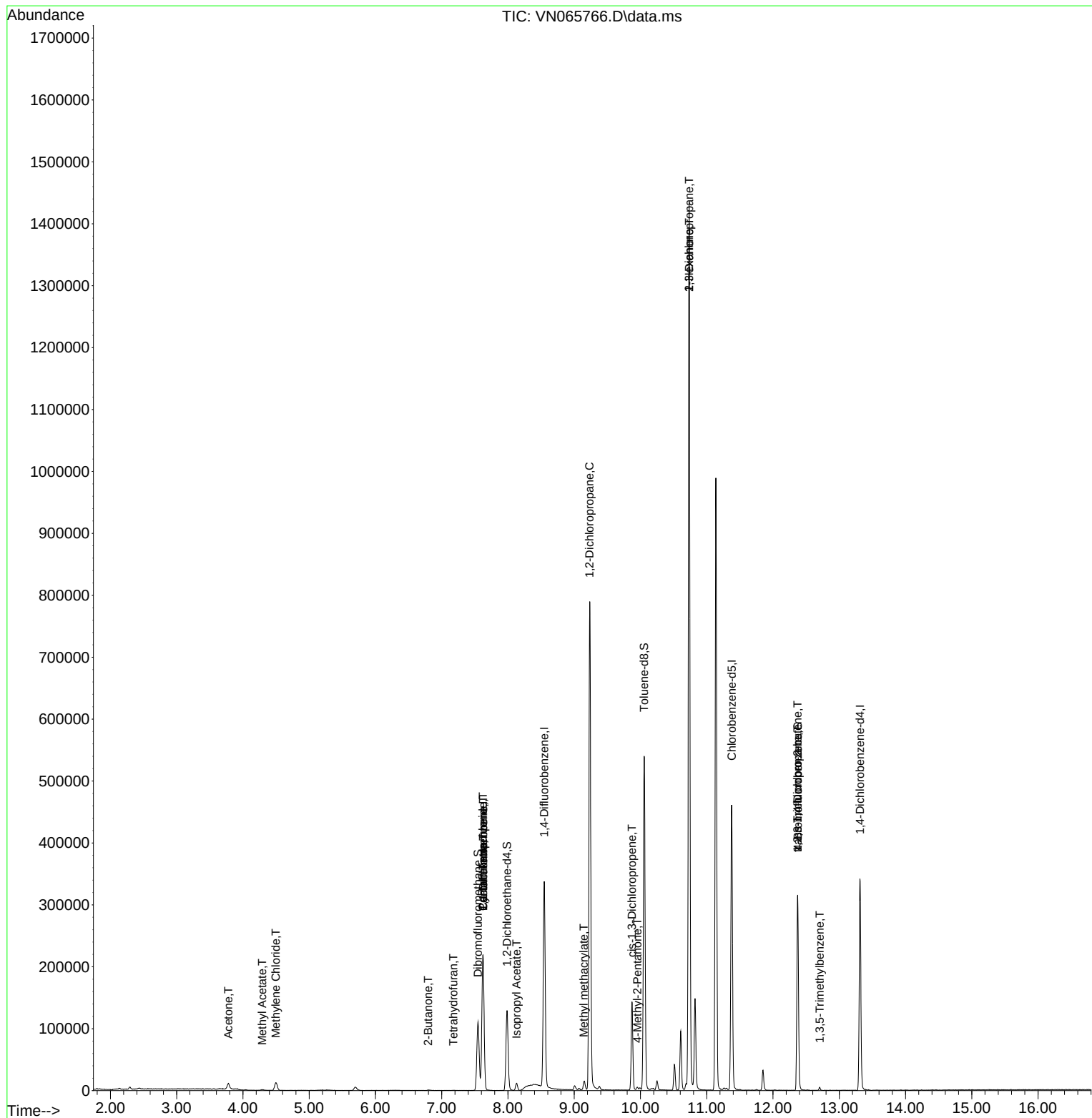
Target Compounds						Qvalue
16) Acetone	3.779	43	13481	13.90	ug/l	100
18) Methyl Acetate	4.290	43	2519	0.93	ug/l #	59
20) Methylene Chloride	4.496	84	10152	3.78	ug/l	94
25) 2-Butanone	6.795	43	629	0.41	ug/l #	46
29) Tetrahydrofuran	7.177	42	397	0.36	ug/l #	44
31) Cyclohexane	7.624	56	3049	0.65	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	13388	4.21	ug/l #	44
38) Carbon Tetrachloride	7.621	117	17128	6.55	ug/l #	16
43) Isopropyl Acetate	8.129	43	14049	2.60	ug/l #	90
45) 1,2-Dichloropropane	9.232	63	958	0.36	ug/l #	44
48) Methyl methacrylate	9.145	41	3690	1.44	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3654	1.23	ug/l	92
54) cis-1,3-Dichloropropene	9.872	75	27339	6.66	ug/l #	57
57) 1,3-Dichloropropane	10.733	76	15349	3.98	ug/l #	43
59) 2-Hexanone	10.733	43	196807	95.10	ug/l #	51
76) 1,2,3-Trichloropropane	12.370	75	57083	21.48	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	3260	0.43	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.370	75	57083	55.03	ug/l #	12

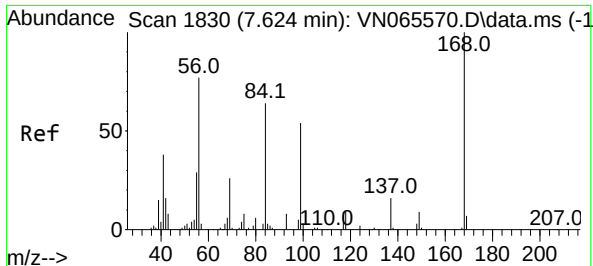
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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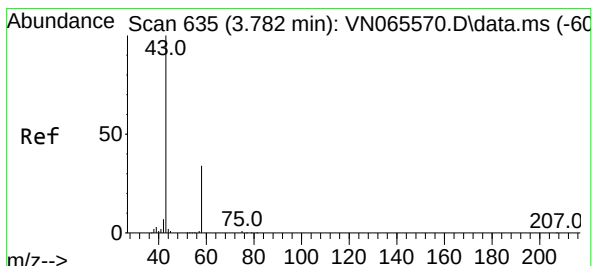
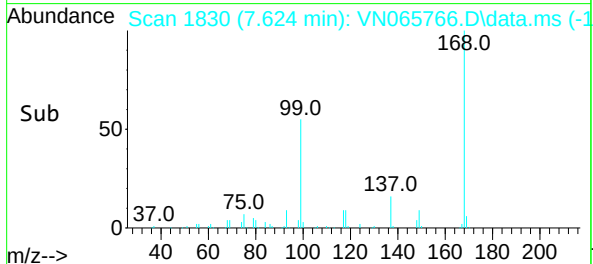
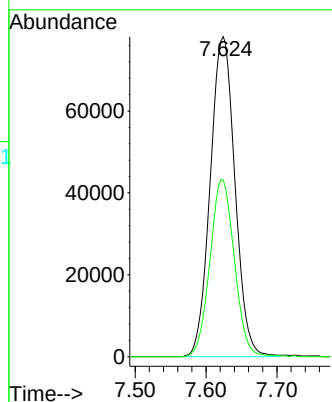
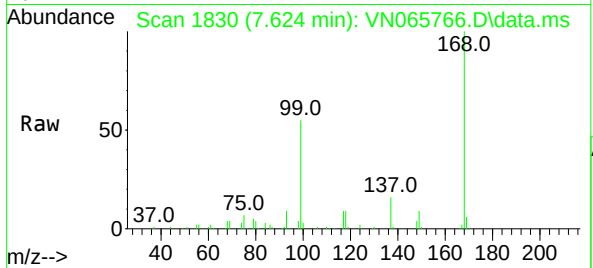




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

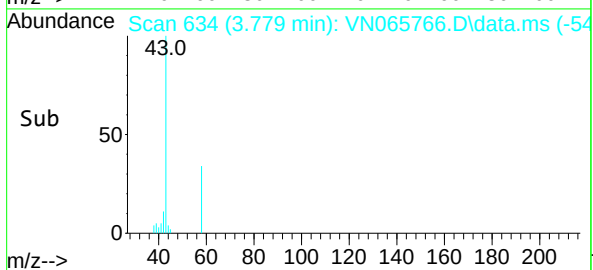
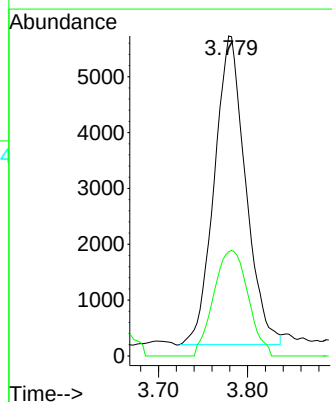
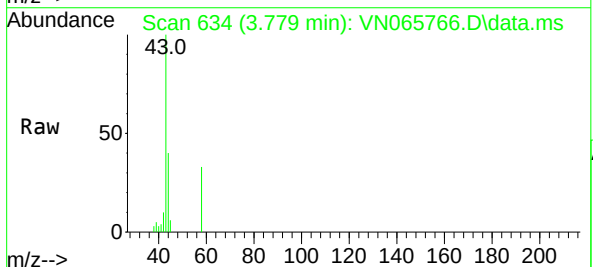
Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05

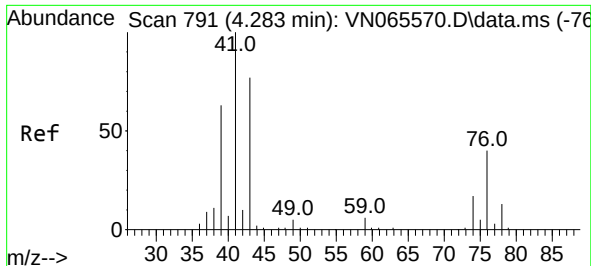
Tgt Ion:168 Resp: 189324
Ion Ratio Lower Upper
168 100
99 55.2 42.6 63.8



#16
Acetone
Concen: 13.90 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

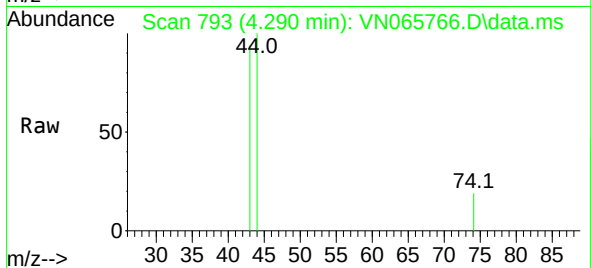
Tgt Ion: 43 Resp: 13481
Ion Ratio Lower Upper
43 100
58 33.8 27.0 40.6



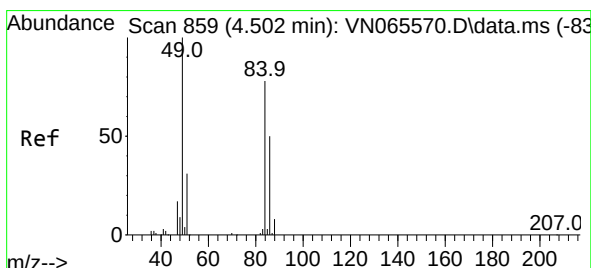
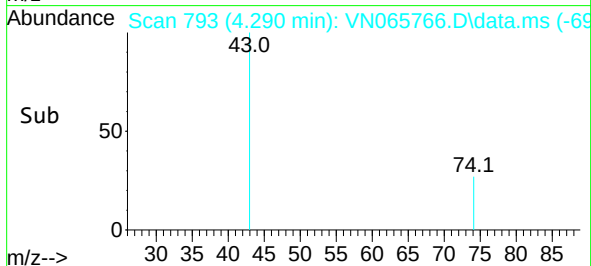
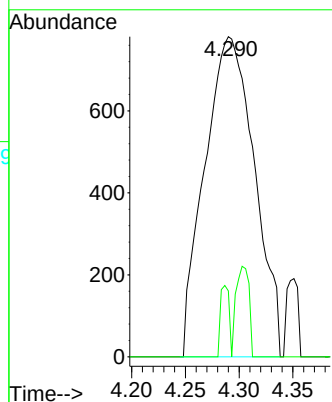


#18
Methyl Acetate
Concen: 0.93 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Instrument :
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ClientSampleId :
PB134480ZHE#05

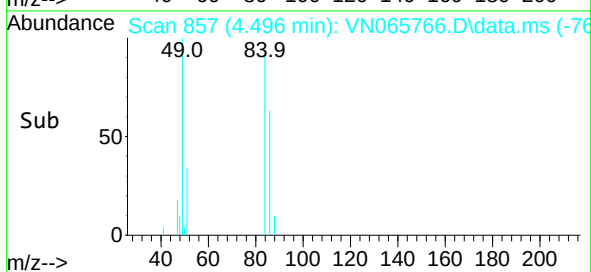
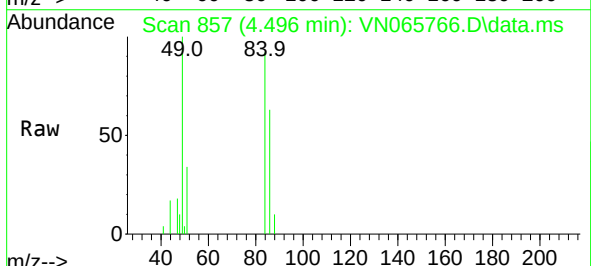
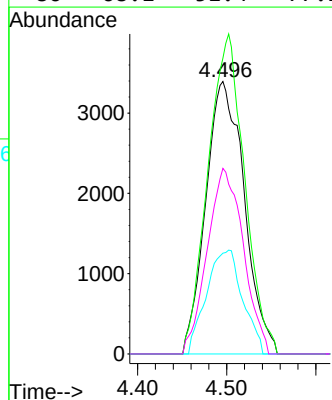


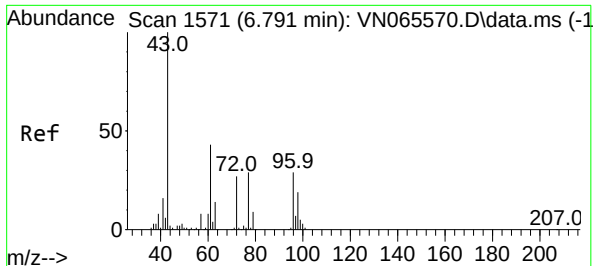
Tgt Ion: 43 Resp: 2519
Ion Ratio Lower Upper
43 100
74 3.8 19.5 29.3#



#20
Methylene Chloride
Concen: 3.78 ug/l
RT: 4.496 min Scan# 857
Delta R.T. -0.006 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

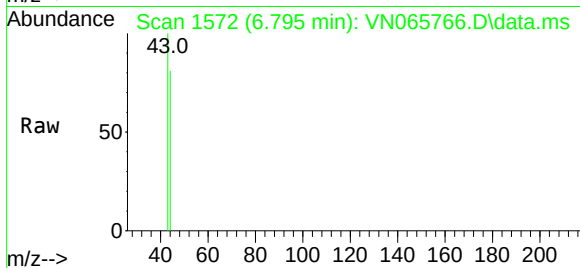
Tgt Ion: 84 Resp: 10152
Ion Ratio Lower Upper
84 100
49 108.6 94.6 141.8
51 37.0 29.9 44.9
86 68.1 51.4 77.2



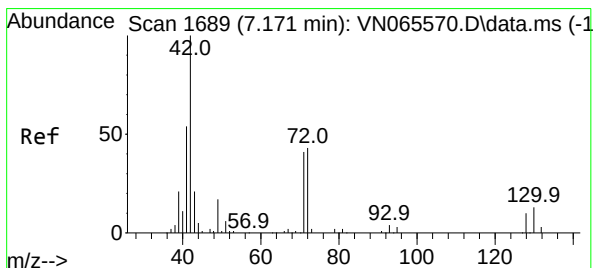
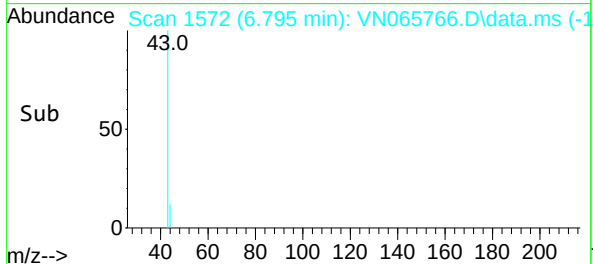
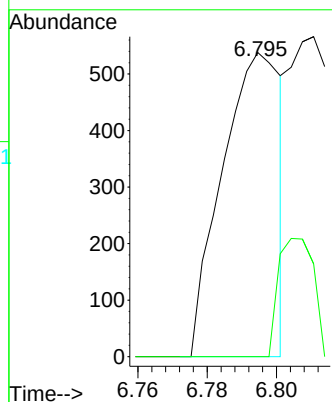


#25
2-Butanone
Concen: 0.41 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. 0.004 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

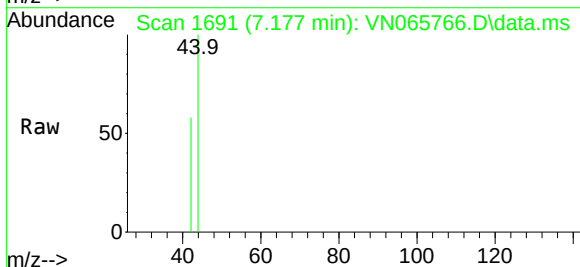
Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05



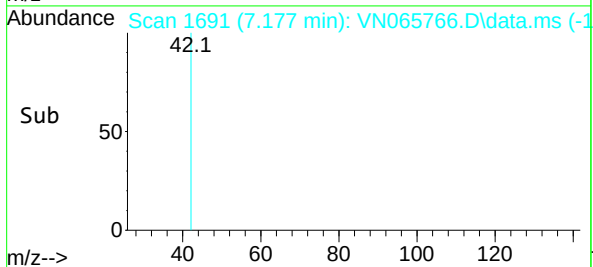
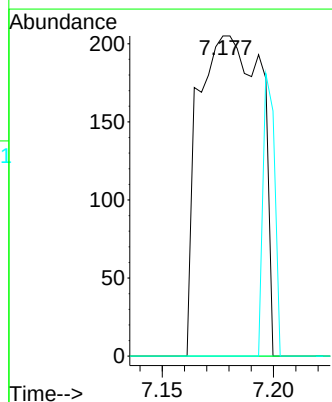
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#

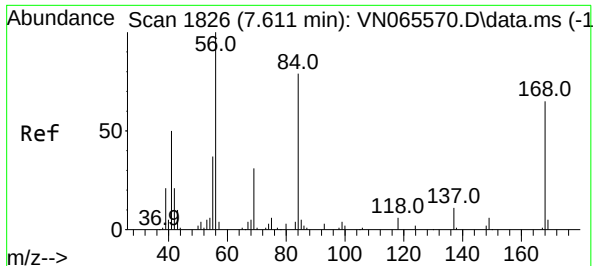


#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43



Tgt Ion: 42 Resp: 397
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 16.4 34.3 51.5#

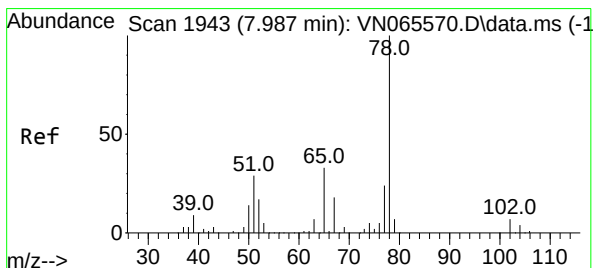
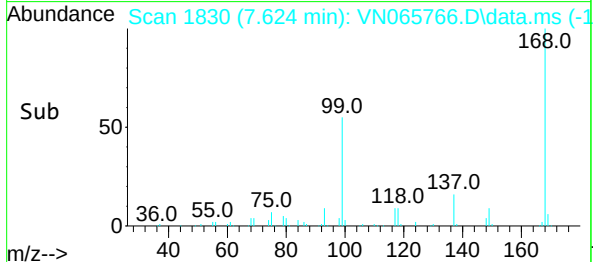
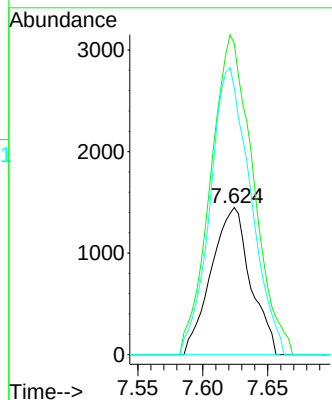
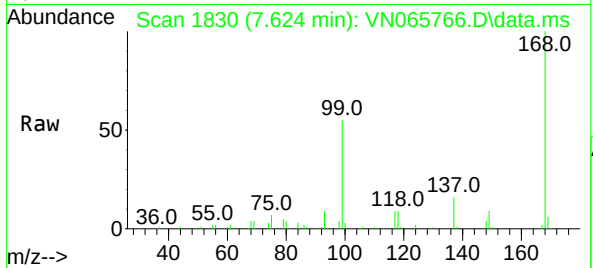




#31
Cyclohexane
Concen: 0.65 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

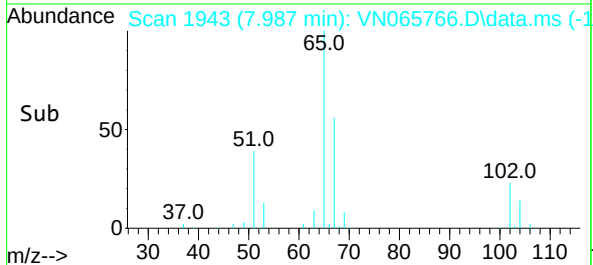
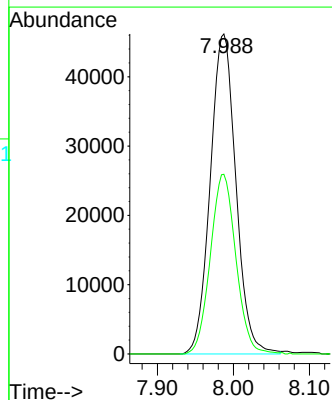
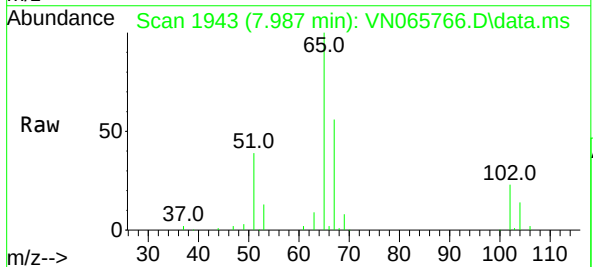
Instrument :
MSVOA_N
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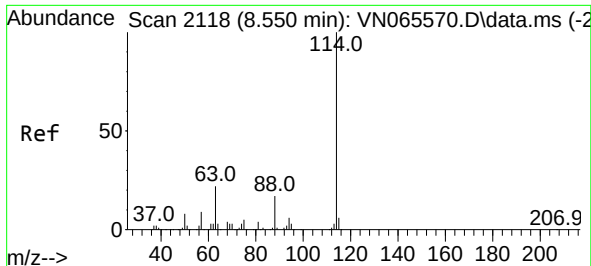
Tgt Ion: 56 Resp: 3049
Ion Ratio Lower Upper
56 100
69 211.4 26.6 39.8#
84 181.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 43.42 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 65 Resp: 108155
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2

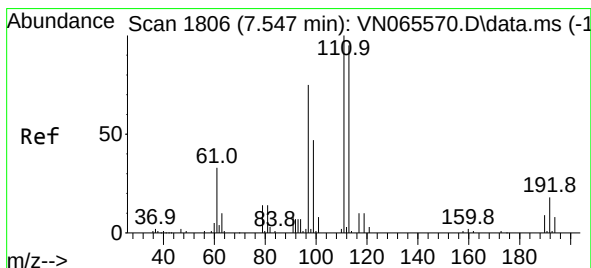
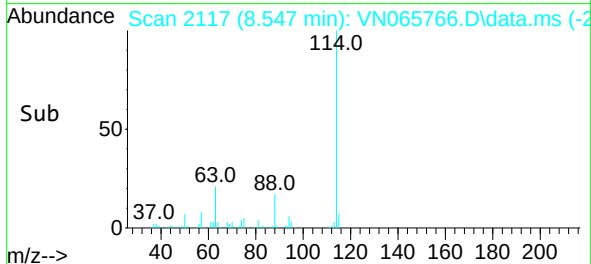
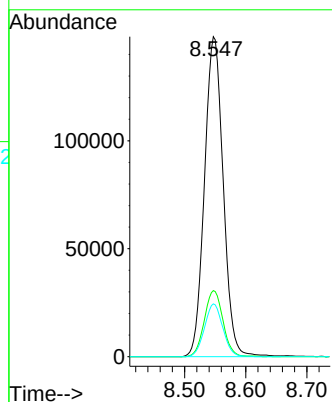
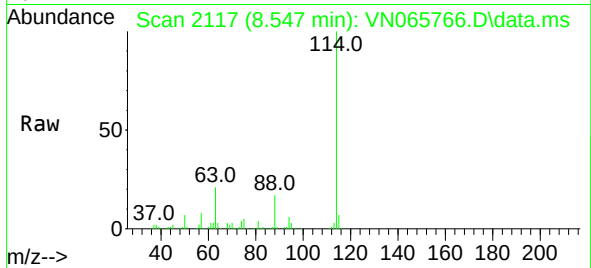




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

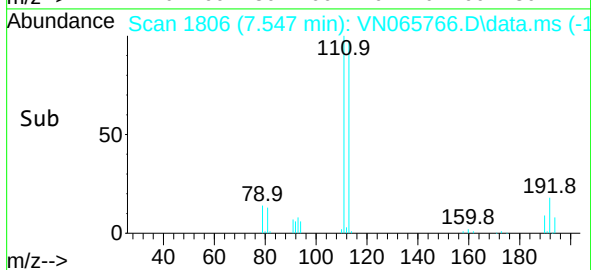
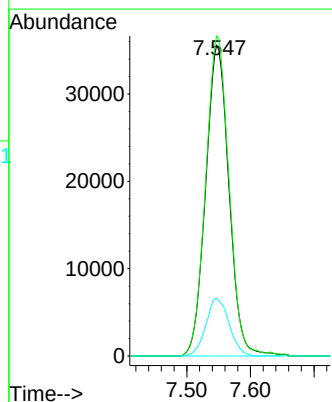
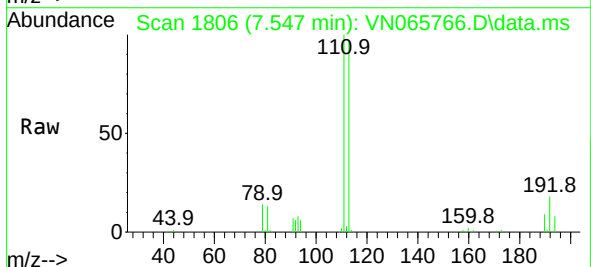
Instrument :
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ClientSampleId :
PB134480ZHE#05

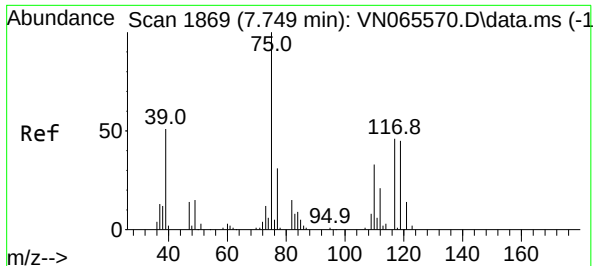
Tgt Ion:114 Resp: 315861
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.36 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion:113 Resp: 90510
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.21 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065766.D

Acq: 8 Feb 2021 19:43

Tgt Ion: 75 Resp: 13388

Ion Ratio Lower Upper

75 100

110 3.9 18.2 54.6#

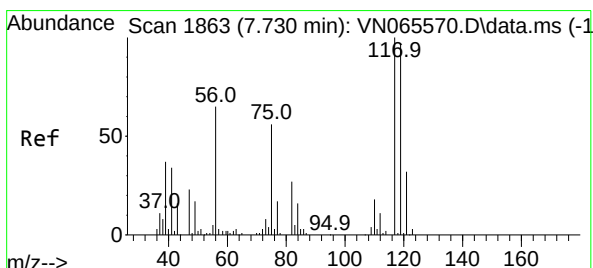
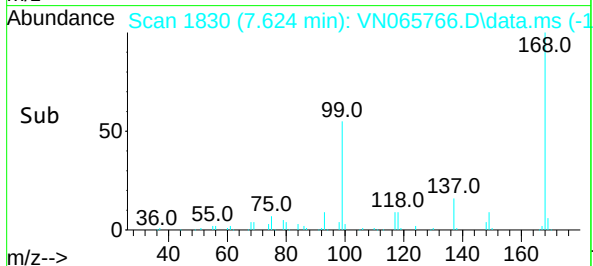
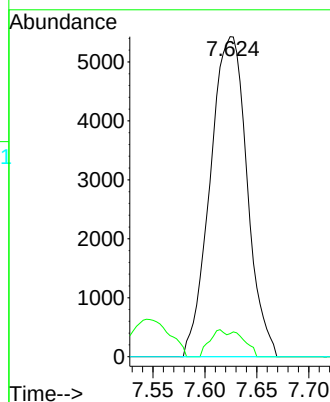
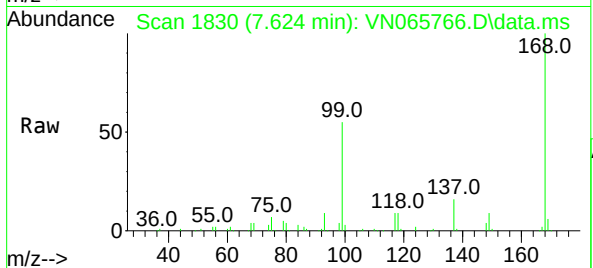
77 0.0 24.9 37.3#

Instrument :

MSVOA_N

ClientSampleId :

PB134480ZHE#05



#38

Carbon Tetrachloride

Concen: 6.55 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.109 min

Lab File: VN065766.D

Acq: 8 Feb 2021 19:43

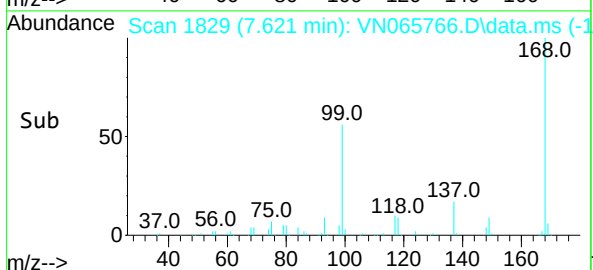
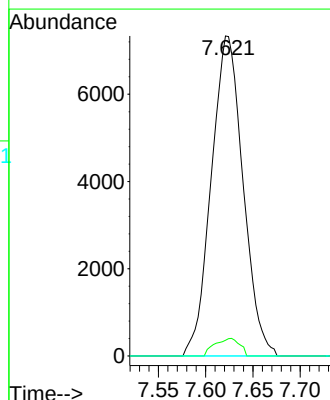
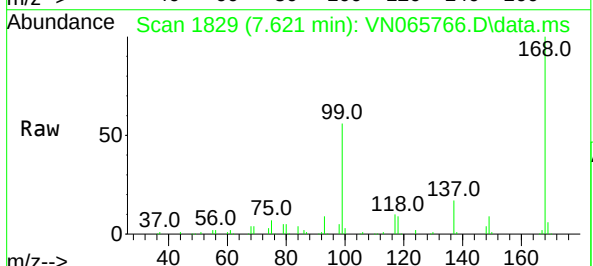
Tgt Ion: 117 Resp: 17128

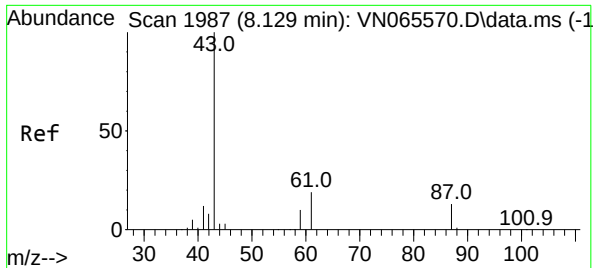
Ion Ratio Lower Upper

117 100

119 4.9 76.0 114.0#

121 0.0 24.5 36.7#

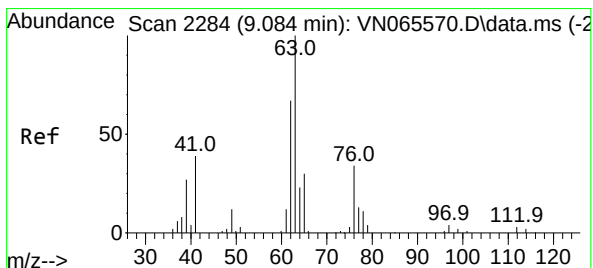
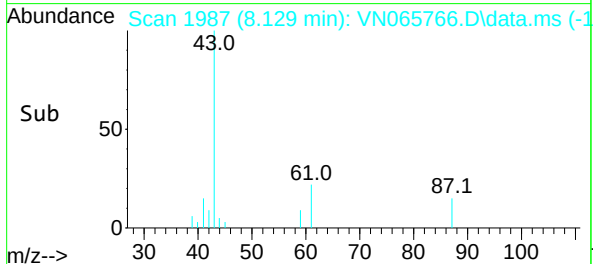
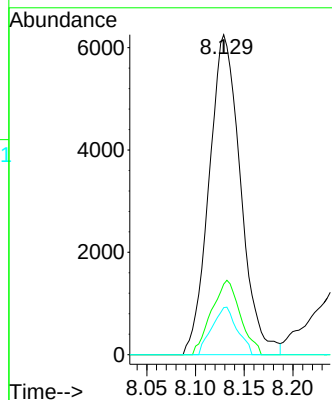
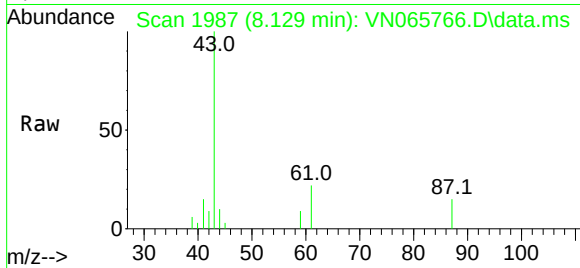




#43
Isopropyl Acetate
Concen: 2.60 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

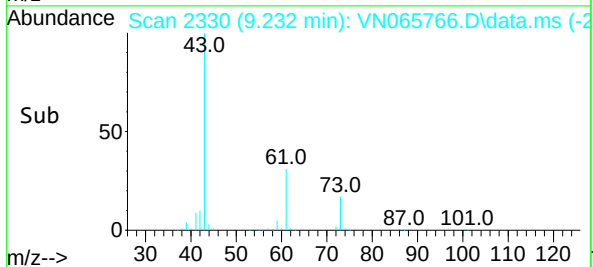
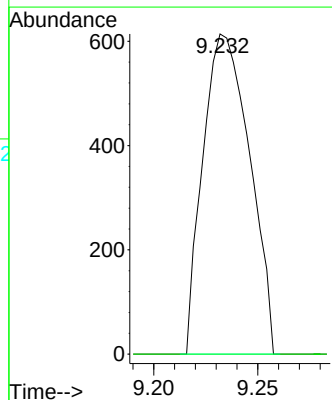
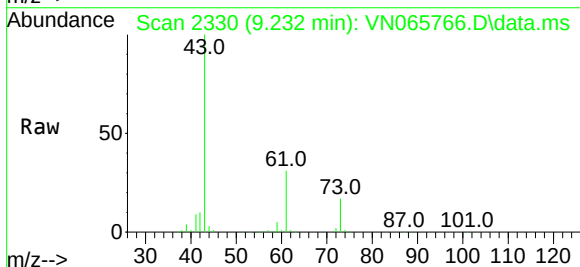
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PB134480ZHE#05

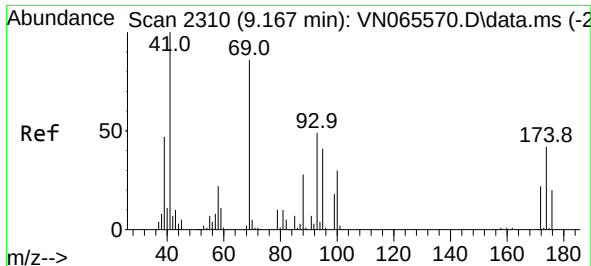
Tgt Ion: 43 Resp: 14049
Ion Ratio Lower Upper
43 100
61 21.3 22.5 33.7#
87 11.8 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.36 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 63 Resp: 958
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

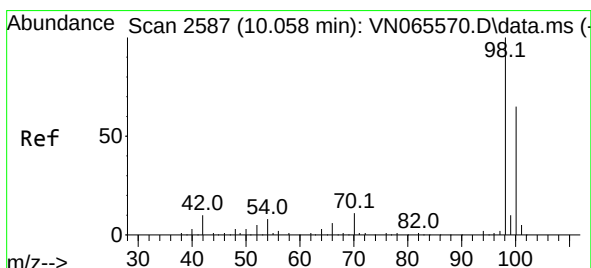
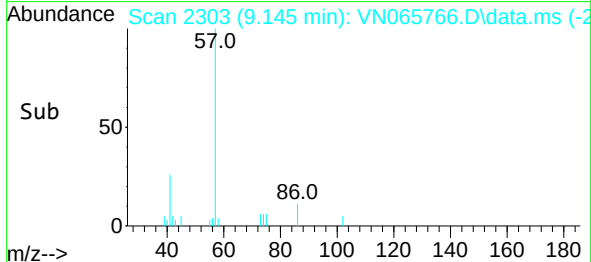
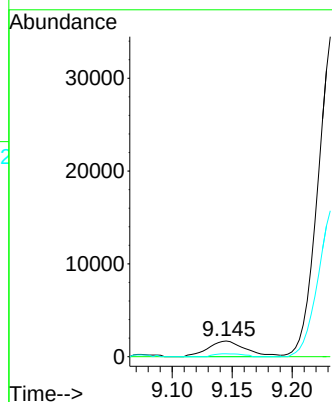
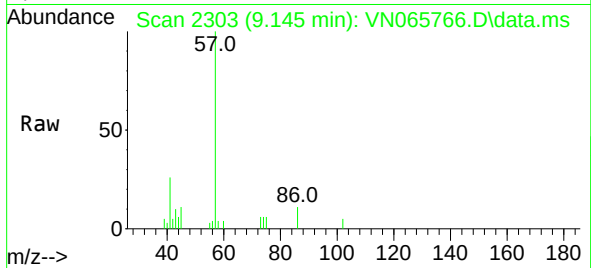




#48
Methyl methacrylate
Concen: 1.44 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

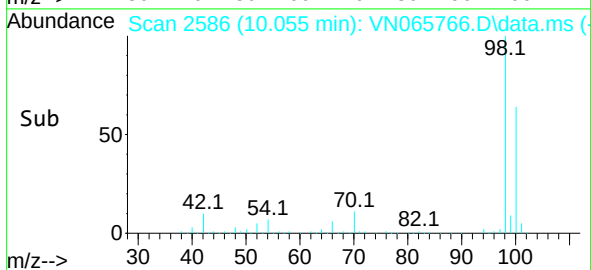
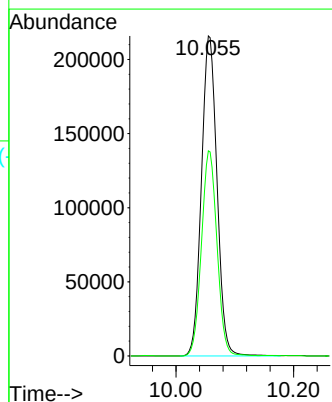
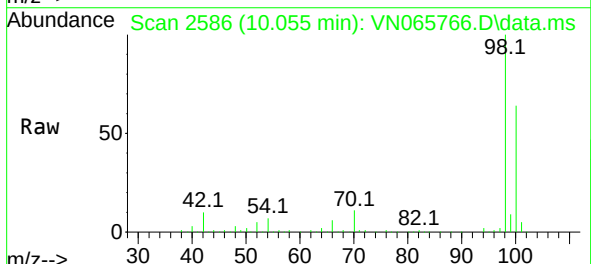
Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05

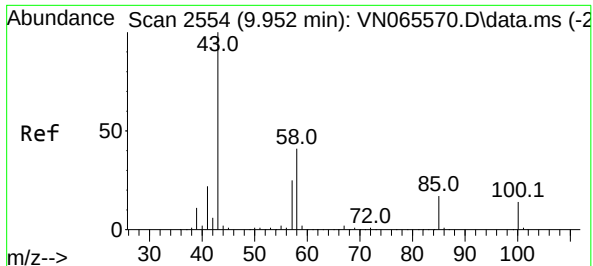
Tgt Ion: 41 Resp: 3690
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.81 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 98 Resp: 395912
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

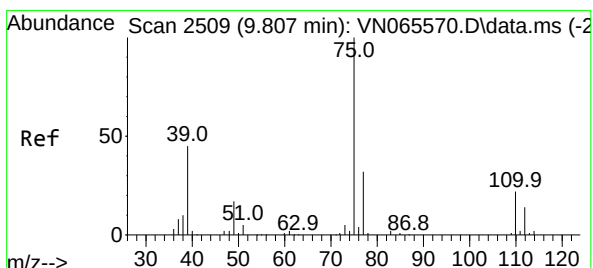
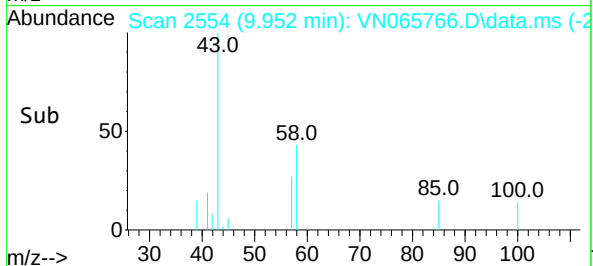
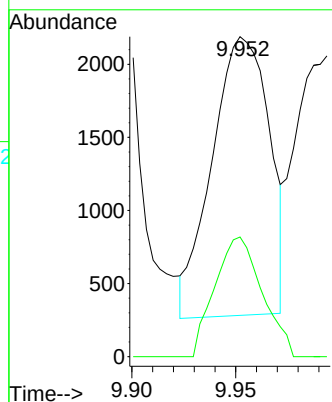
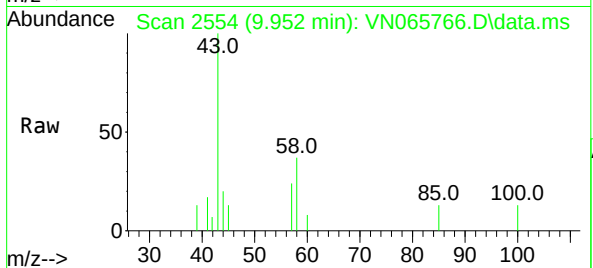




#51
4-Methyl-2-Pentanone
Concen: 1.23 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

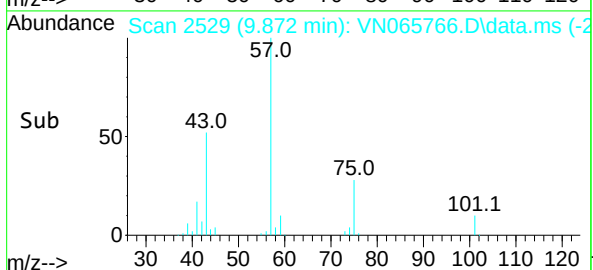
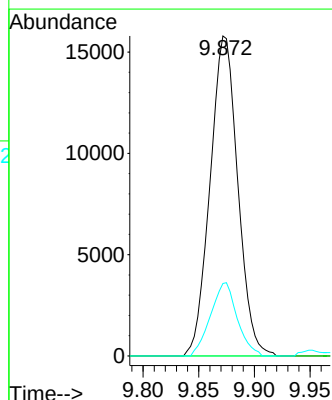
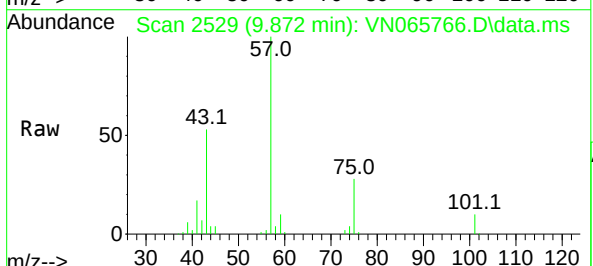
Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05

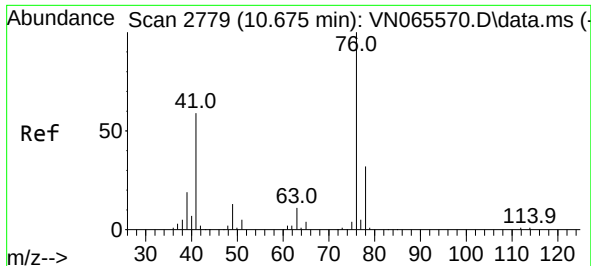
Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
58 35.5 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 6.66 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 75 Resp: 27339
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.7 36.2 54.4#

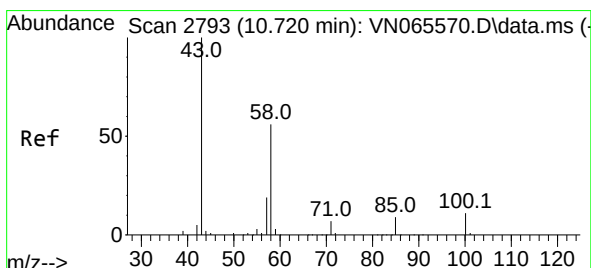
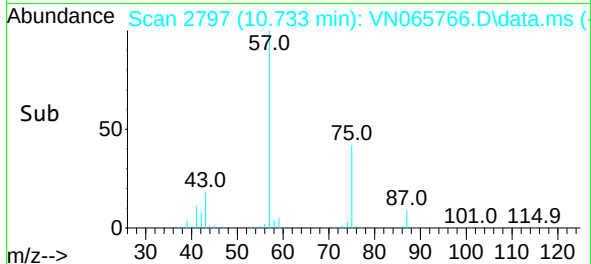
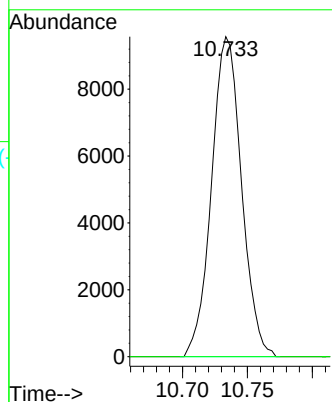
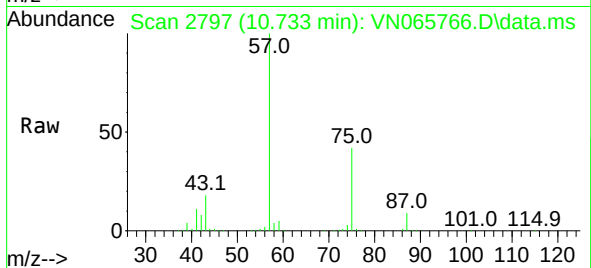




#57
1,3-Dichloropropane
Concen: 3.98 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

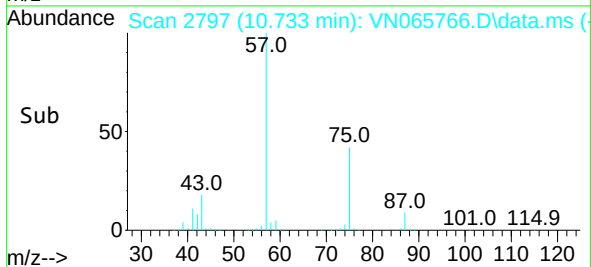
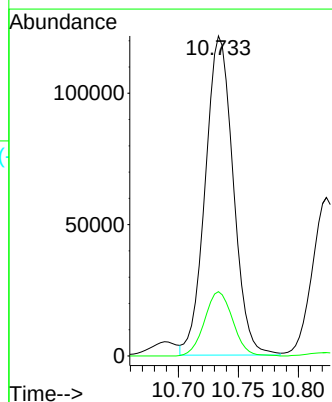
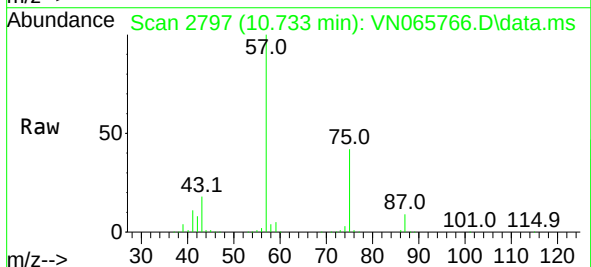
Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05

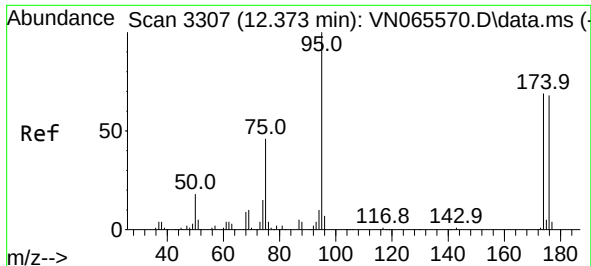
Tgt Ion: 76 Resp: 15349
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 95.10 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 43 Resp: 196807
Ion Ratio Lower Upper
43 100
58 20.3 28.1 84.3#

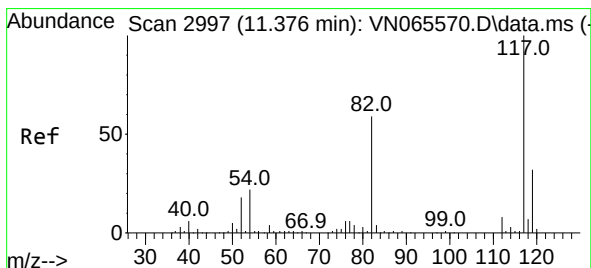
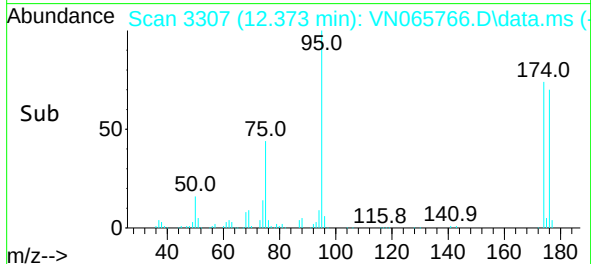
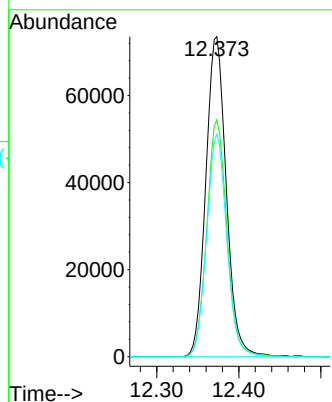
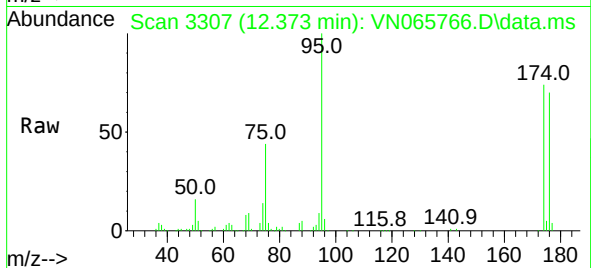




#62
4-Bromofluorobenzene
Concen: 48.00 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

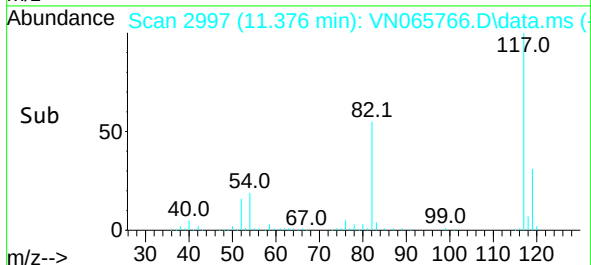
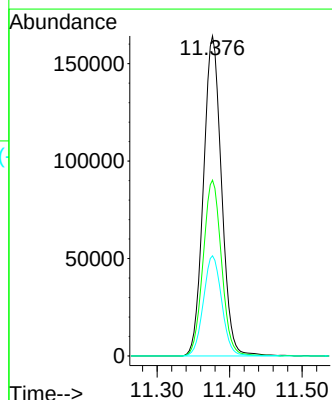
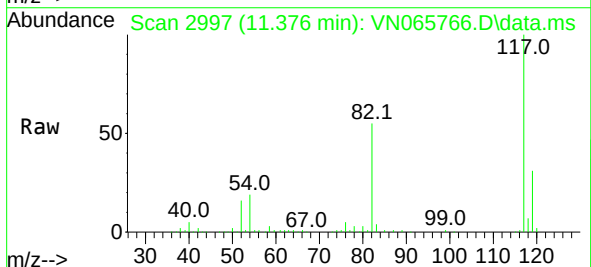
Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05

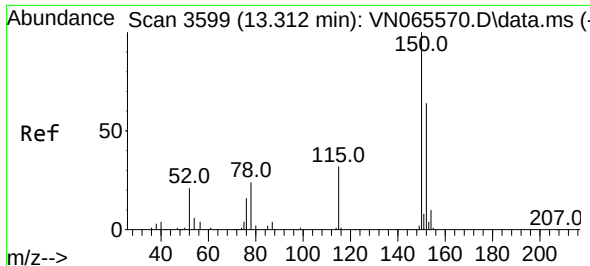
Tgt Ion: 95 Resp: 127183
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 68.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 117 Resp: 284115
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 31.3 26.1 39.1

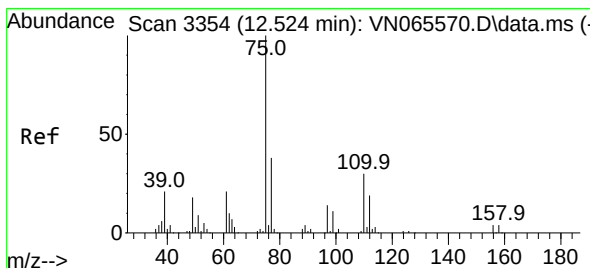
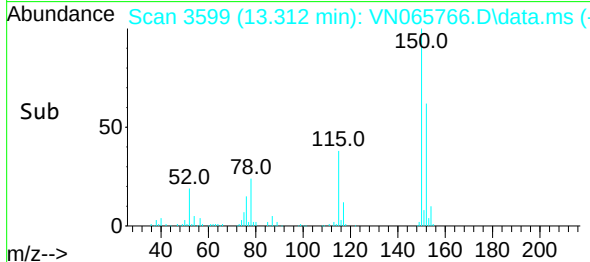
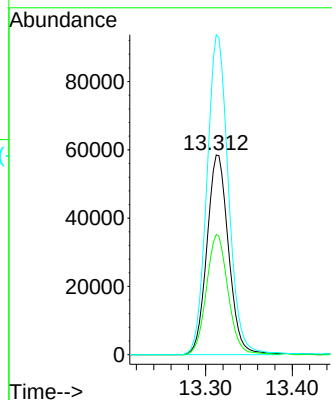
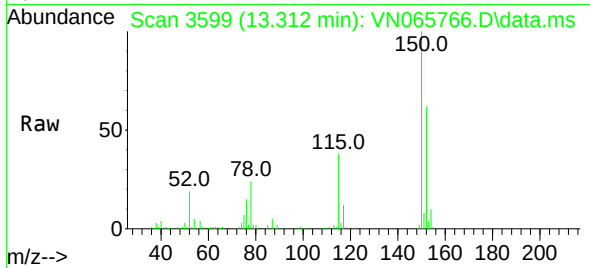




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

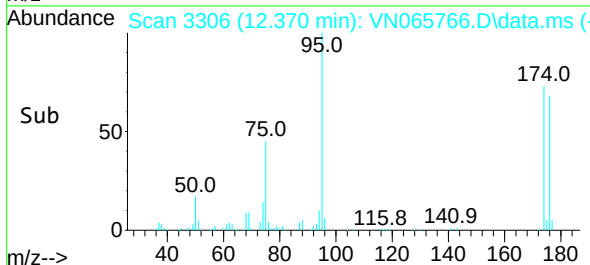
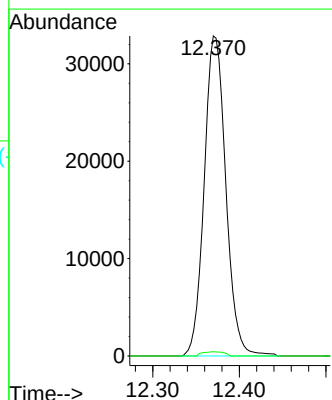
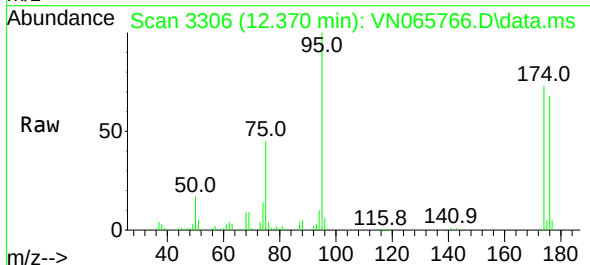
Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05

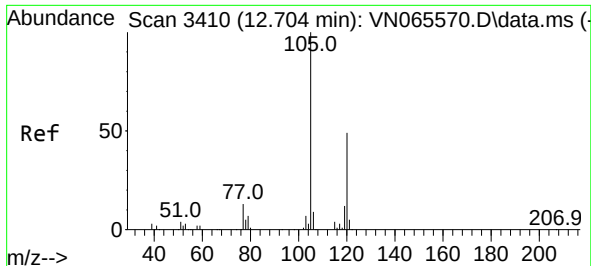
Tgt Ion:152 Resp: 101610
Ion Ratio Lower Upper
152 100
115 60.1 28.5 85.6
150 160.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.48 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 75 Resp: 57083
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

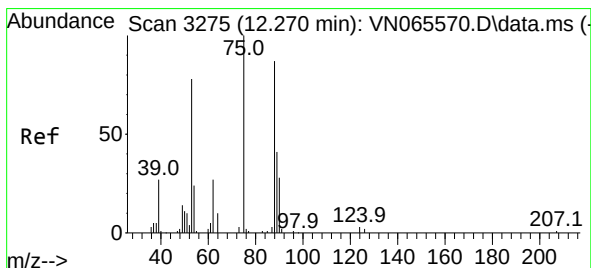
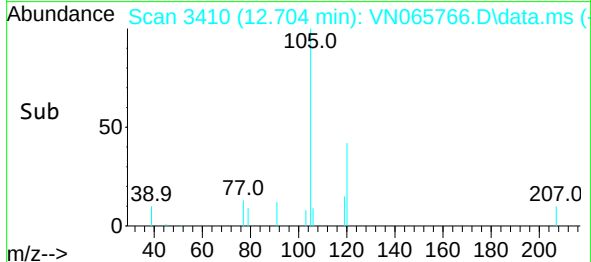
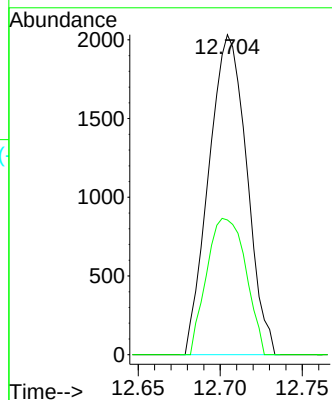
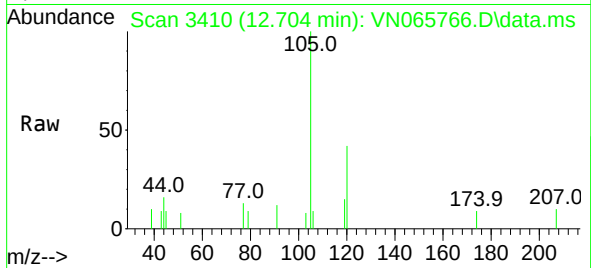




#80
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB134480ZHE#05

Tgt Ion:105 Resp: 3260
Ion Ratio Lower Upper
105 100
120 43.9 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 55.03 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065766.D
Acq: 8 Feb 2021 19:43

Tgt Ion: 75 Resp: 57083
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

