

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065651.D
 Acq On : 28 Jan 2021 15:51
 Operator : JC/MD
 Sample : PB134373ZHE#14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134373ZHE#14

Quant Time: Jan 29 01:23:38 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)

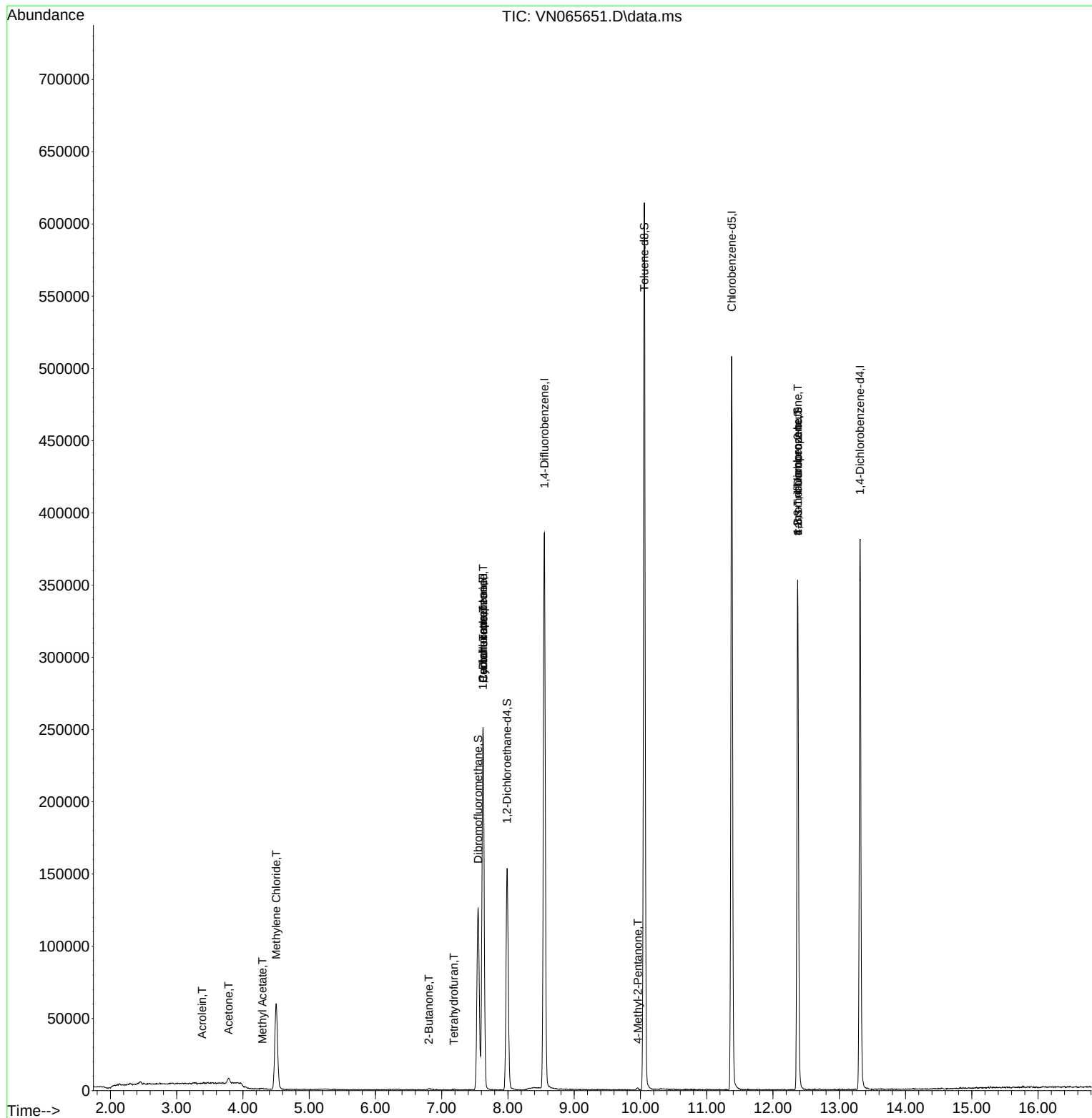
Internal Standards						
1) Pentafluorobenzene	7.624	168	204828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	355424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	308334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	108582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128059	47.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.04%		
35) Dibromofluoromethane	7.550	113	103604	49.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.38%		
50) Toluene-d8	10.058	98	442050	53.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.78%		
62) 4-Bromofluorobenzene	12.373	95	144427	48.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.88%		
Target Compounds						Qvalue
13) Acrolein	3.383	56	95	18.29	ug/l #	1
16) Acetone	3.782	43	6175	5.89	ug/l	97
18) Methyl Acetate	4.293	43	883	0.30	ug/l #	51
20) Methylene Chloride	4.502	84	44095	15.18	ug/l	95
25) 2-Butanone	6.804	43	1869	1.14	ug/l	98
29) Tetrahydrofuran	7.184	42	544	0.46	ug/l #	32
31) Cyclohexane	7.624	56	4140	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	16711	4.67	ug/l #	48
38) Carbon Tetrachloride	7.624	117	19487	6.62	ug/l #	17
51) 4-Methyl-2-Pentanone	9.958	43	1633	0.49	ug/l #	70
76) 1,2,3-Trichloropropane	12.373	75	66095	23.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	66095	59.62	ug/l #	12

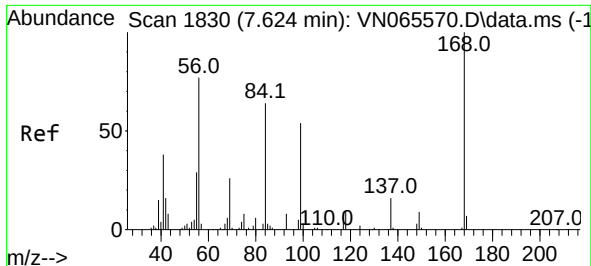
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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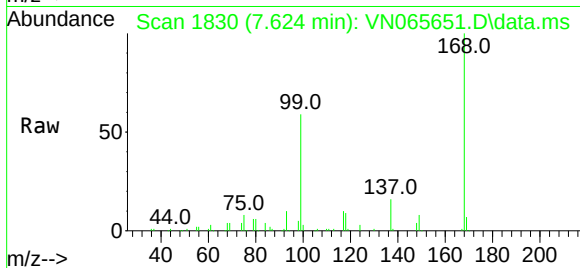
Quant Time: Jan 29 01:23:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
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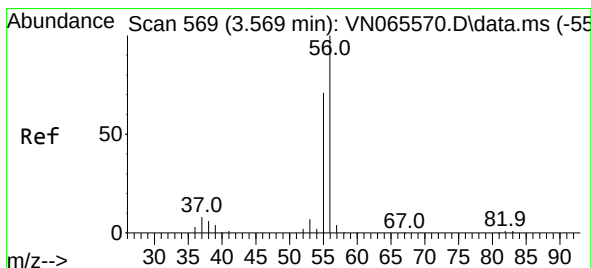
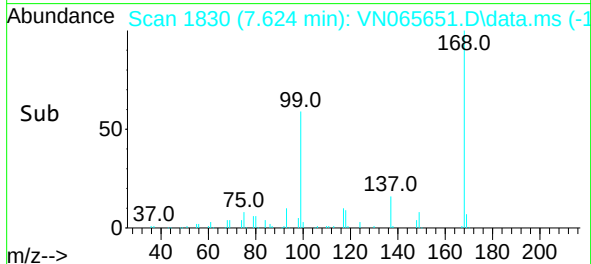
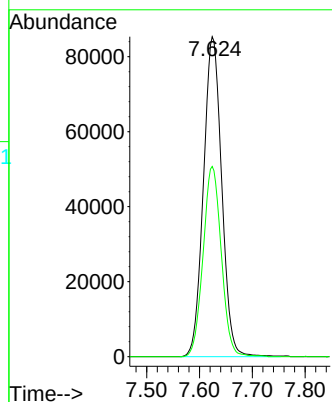


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14

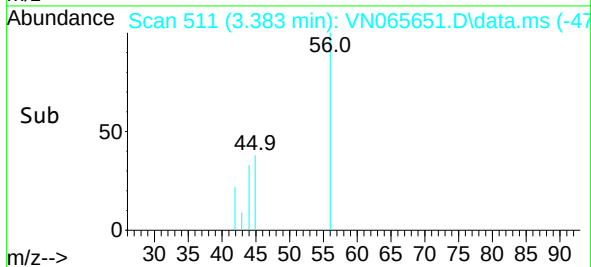
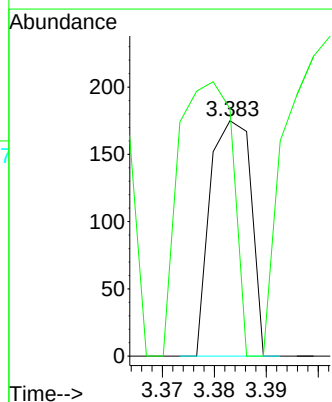
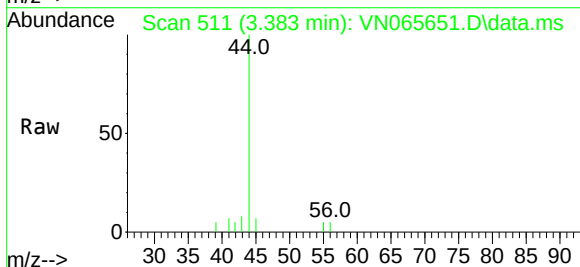


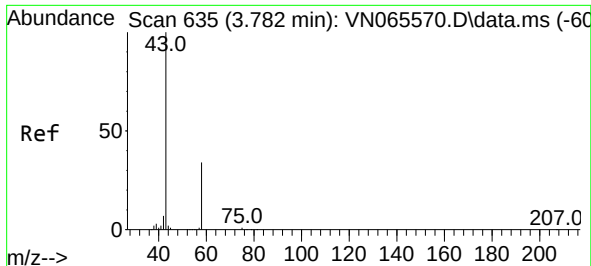
Tgt Ion:168 Resp: 204828
Ion Ratio Lower Upper
168 100
99 59.4 42.6 63.8



#13
Acrolein
Concen: 18.29 ug/l
RT: 3.383 min Scan# 511
Delta R.T. -0.186 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

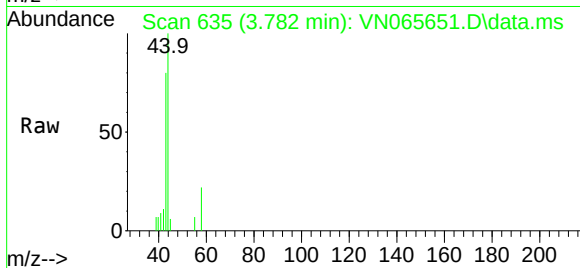
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 153.7 56.0 84.0#



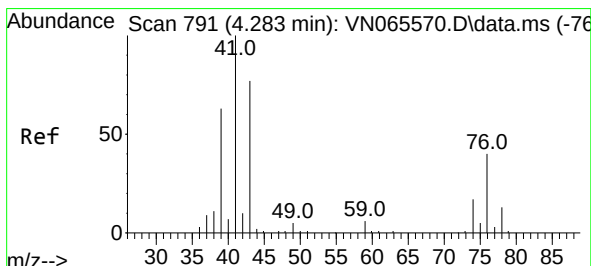
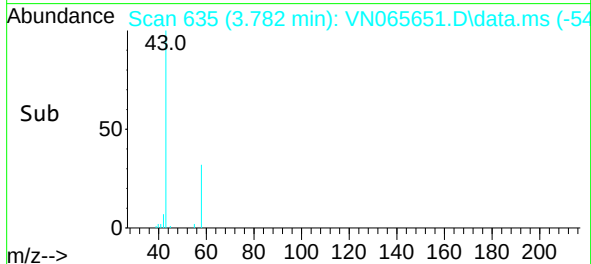
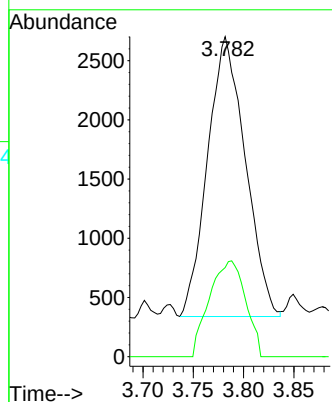


#16
Acetone
Concen: 5.89 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14

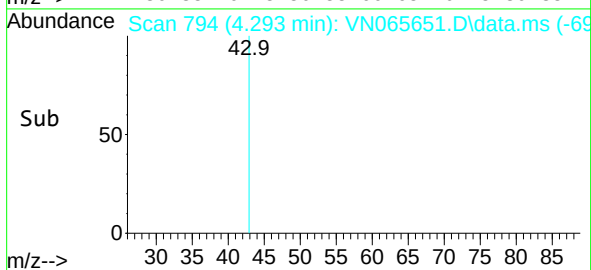
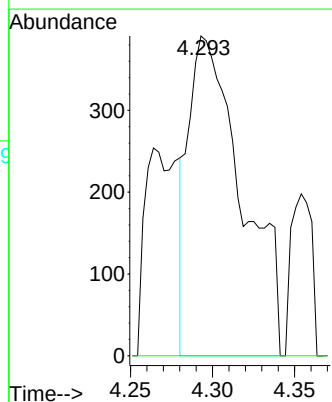
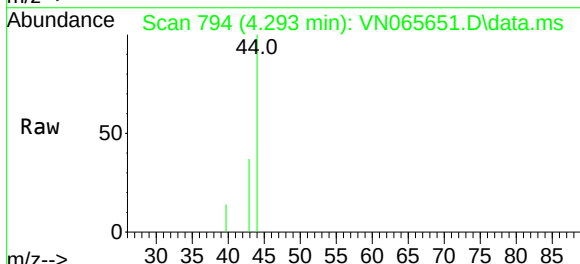


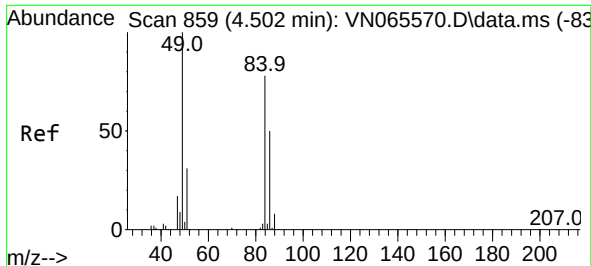
Tgt Ion: 43 Resp: 6175
Ion Ratio Lower Upper
43 100
58 31.9 27.0 40.6



#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

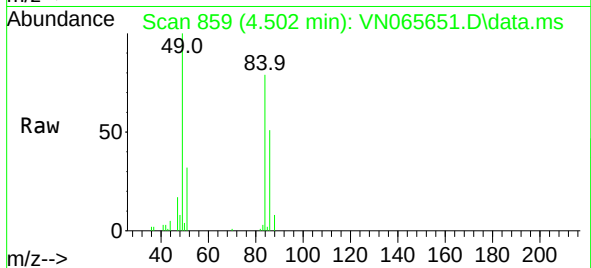
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



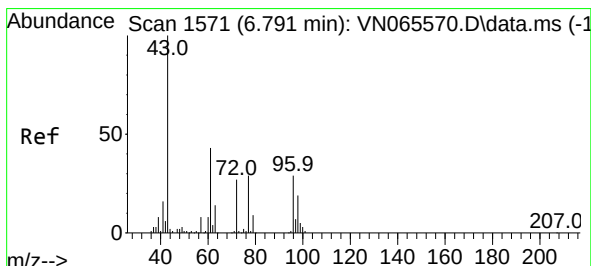
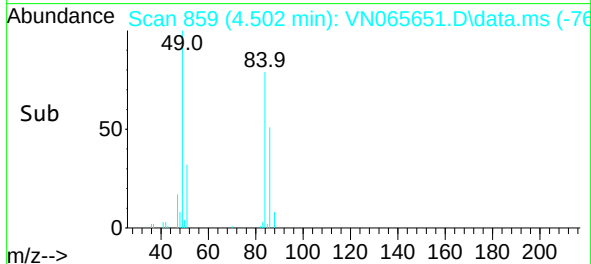
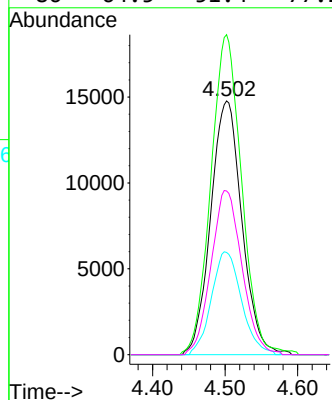


#20
Methylene Chloride
Concen: 15.18 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

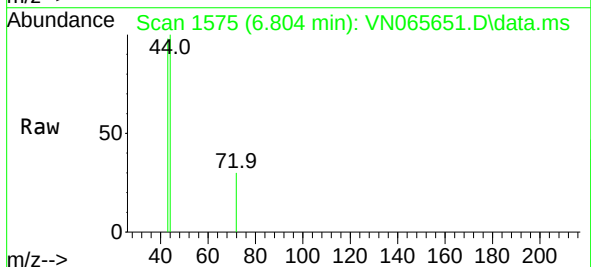
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14



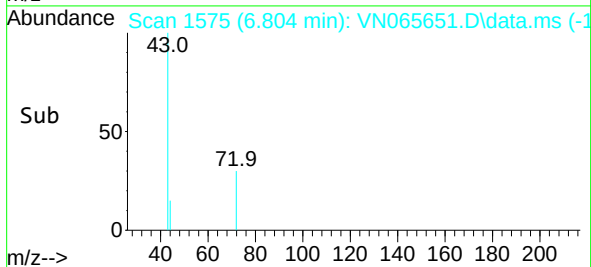
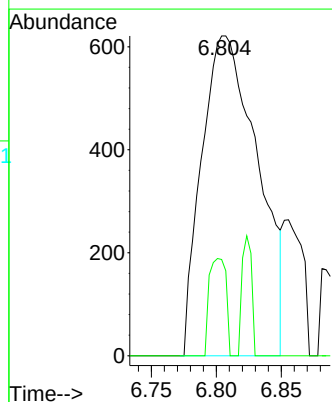
Tgt Ion: 84	Resp: 44095
Ion Ratio	Lower Upper
84 100	
49 126.1	94.6 141.8
51 40.3	29.9 44.9
86 64.5	51.4 77.2

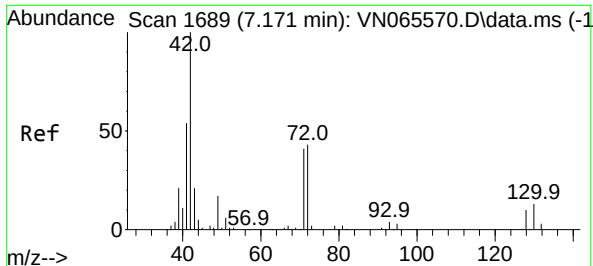


#25
2-Butanone
Concen: 1.14 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51



Tgt Ion: 43	Resp: 1869		
Ion Ratio	Lower	Upper	
43 100			
72 30.1	23.1	34.7	





#29

Tetrahydrofuran

Concen: 0.46 ug/l

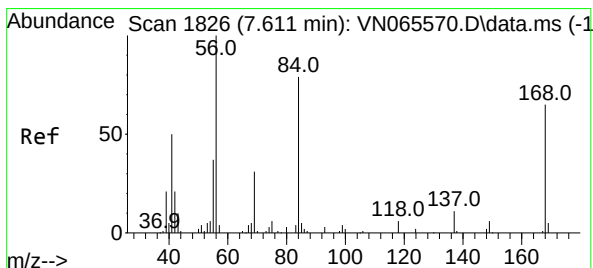
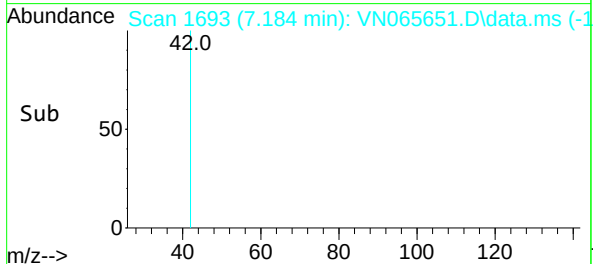
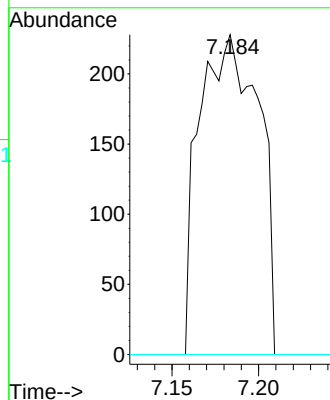
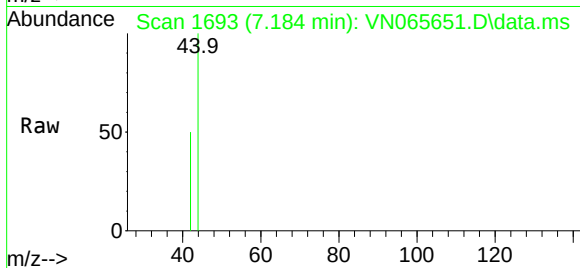
RT: 7.184 min Scan# 1693

Delta R.T. 0.013 min

Lab File: VN065651.D

Acq: 28 Jan 2021 15:51

Tgt Ion:	42	Resp:	544
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#



#31

Cyclohexane

Concen: 0.82 ug/l

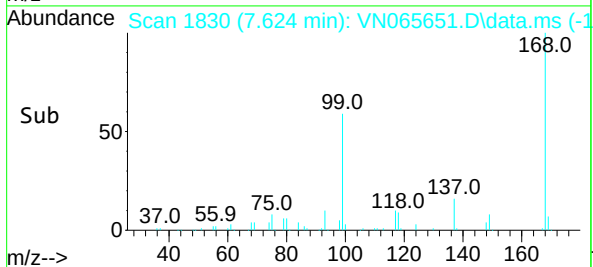
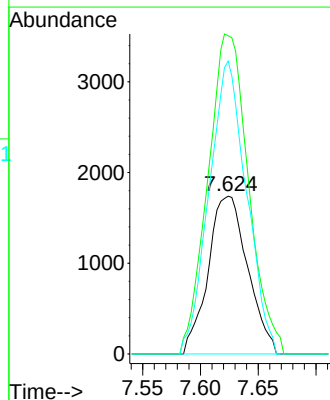
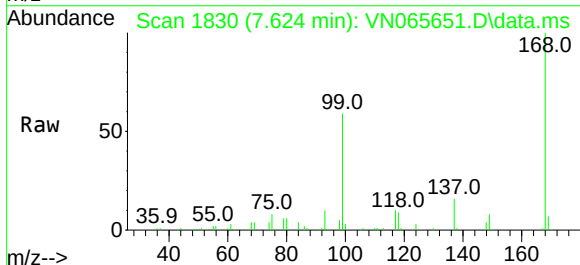
RT: 7.624 min Scan# 1830

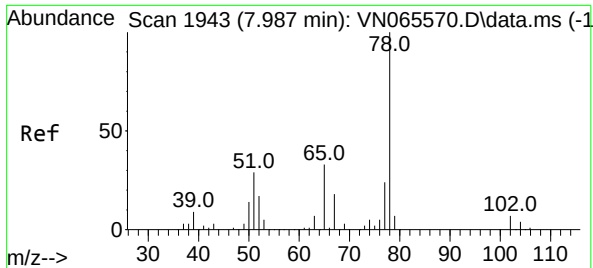
Delta R.T. 0.013 min

Lab File: VN065651.D

Acq: 28 Jan 2021 15:51

Tgt Ion:	56	Resp:	4140
Ion	Ratio	Lower	Upper
56	100		
69	201.7	26.6	39.8#
84	185.7	70.4	105.6#

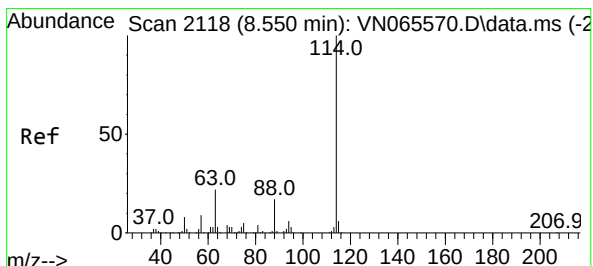
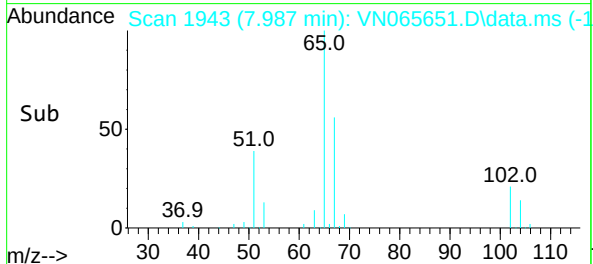
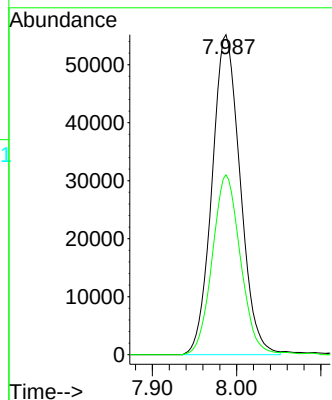
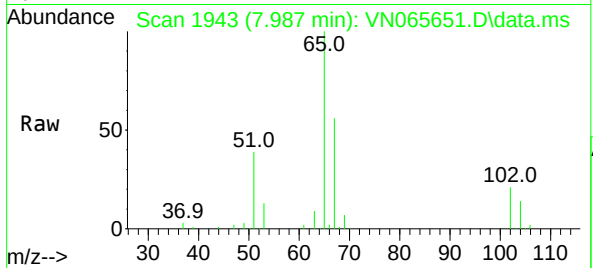




#33
1,2-Dichloroethane-d4
Concen: 47.52 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

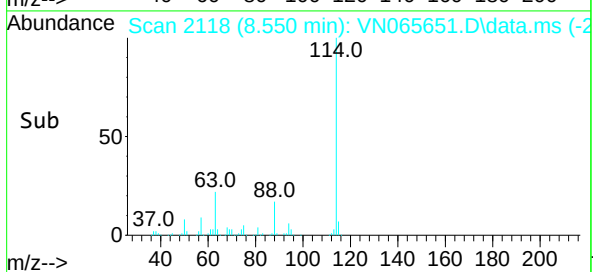
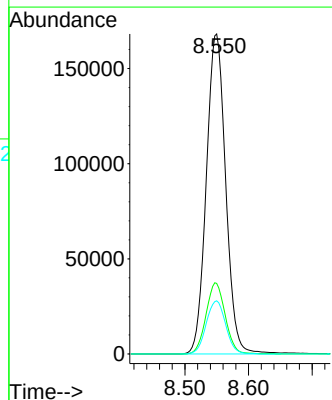
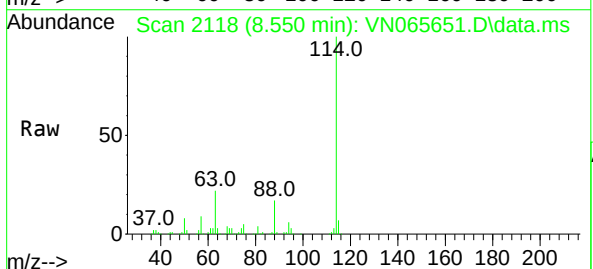
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14

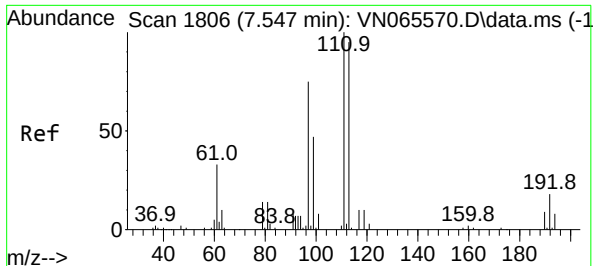
Tgt Ion: 65 Resp: 128059
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Tgt Ion: 114 Resp: 355424
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.6
88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.19 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065651.D

Acq: 28 Jan 2021 15:51

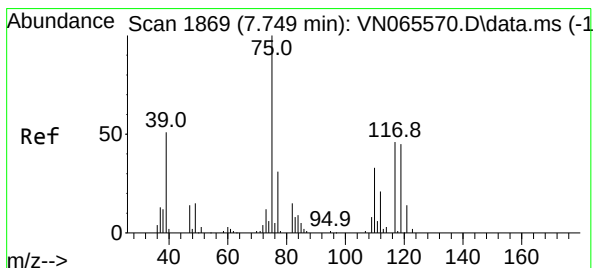
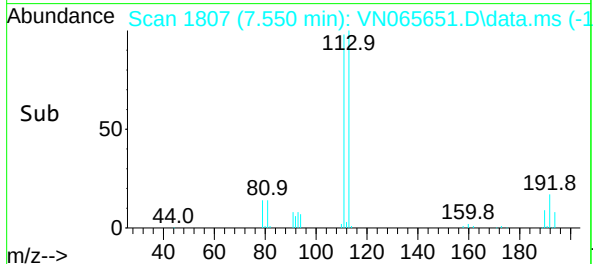
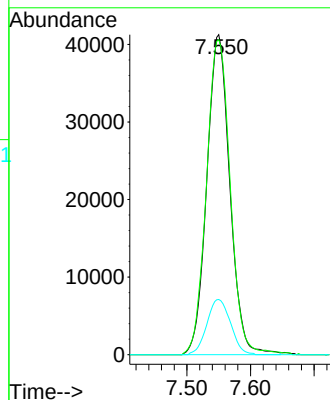
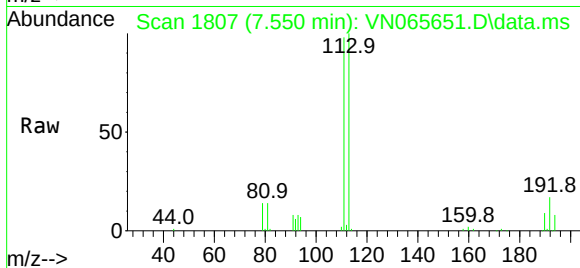
Tgt Ion:113 Resp: 103604

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 17.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.67 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.128 min

Lab File: VN065651.D

Acq: 28 Jan 2021 15:51

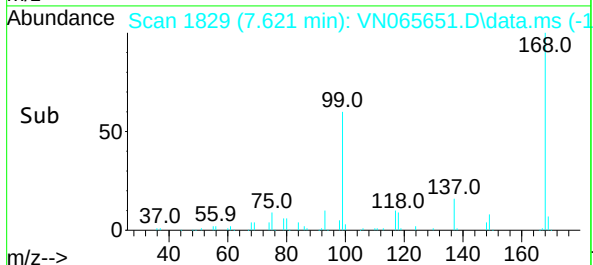
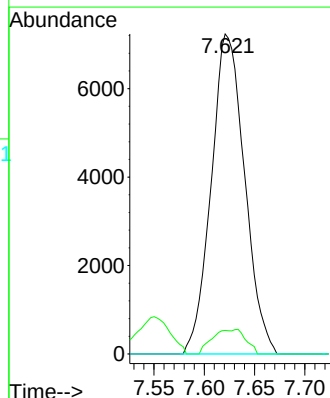
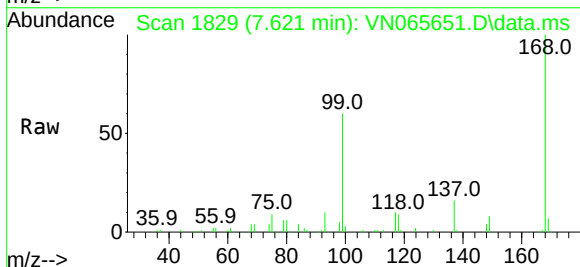
Tgt Ion: 75 Resp: 16711

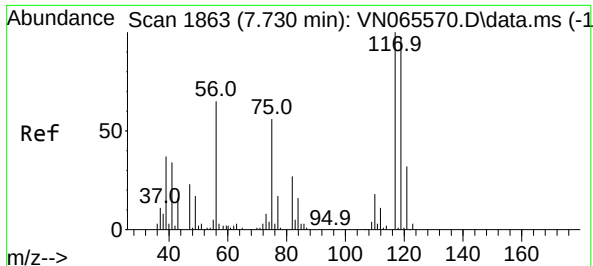
Ion Ratio Lower Upper

75 100

110 7.6 18.2 54.6#

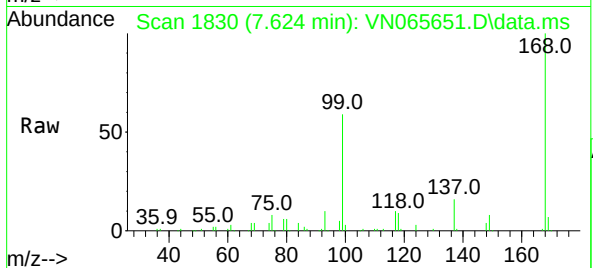
77 0.0 24.9 37.3#



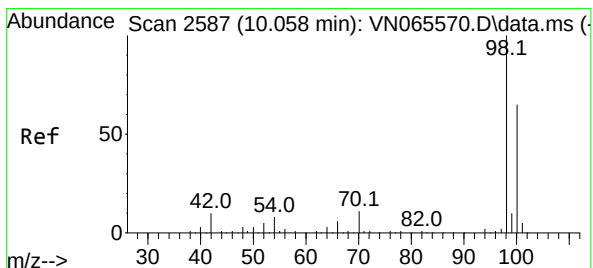
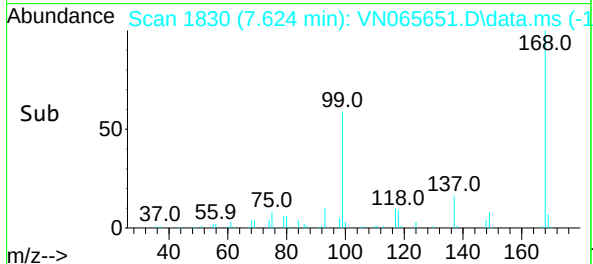
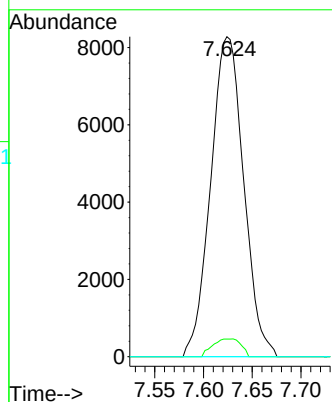


#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14

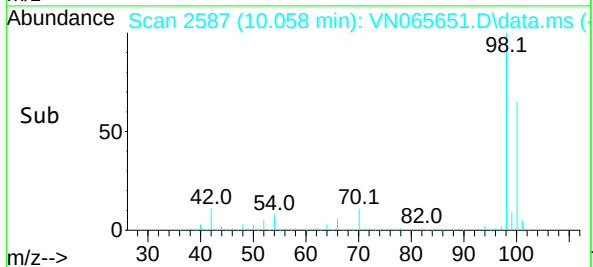
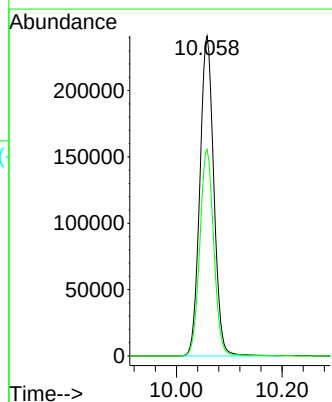
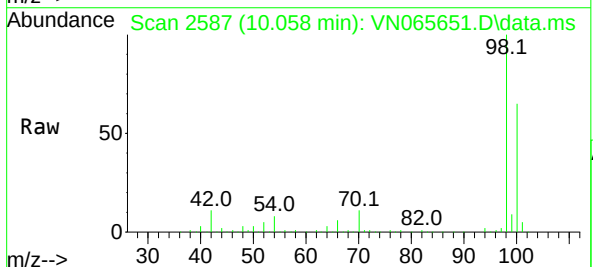


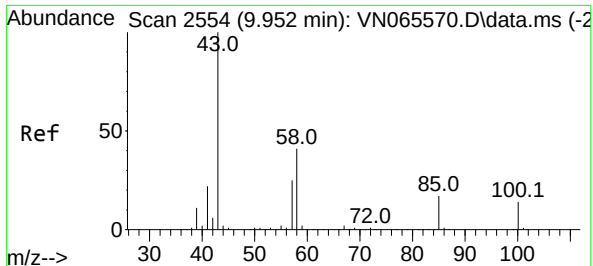
Tgt Ion:117 Resp: 19487
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.39 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Tgt Ion: 98 Resp: 442050
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

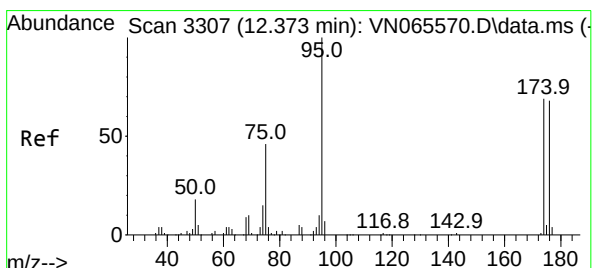
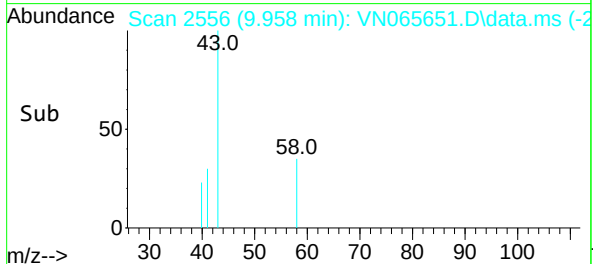
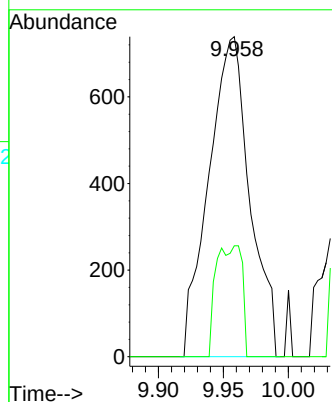
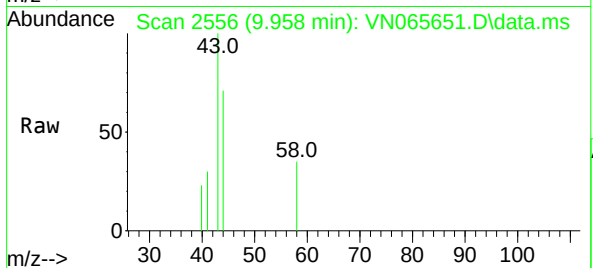




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.006 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

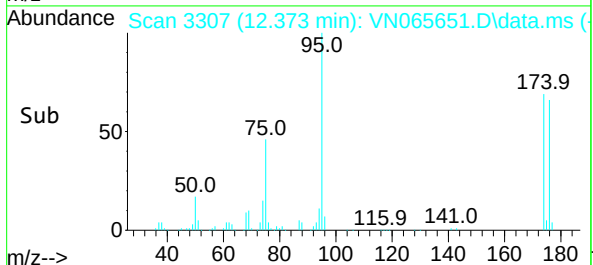
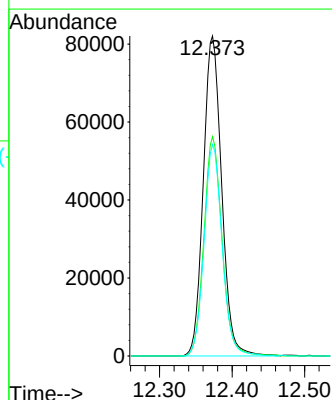
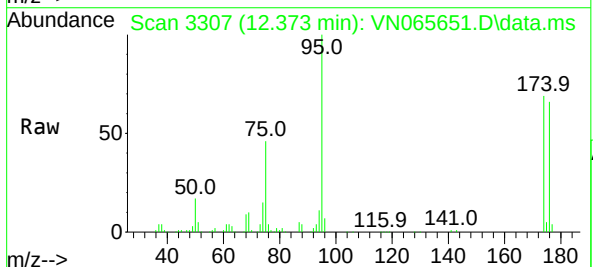
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14

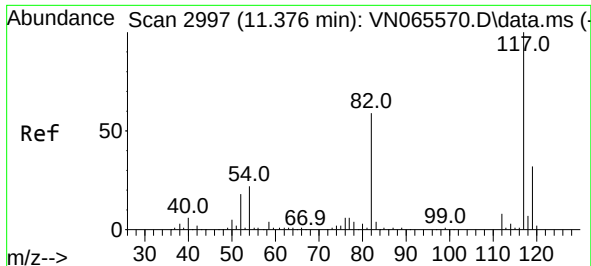
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 21.9 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 48.44 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Tgt Ion: 95 Resp: 144427
Ion Ratio Lower Upper
95 100
174 68.0 0.0 169.0
176 65.0 0.0 162.4

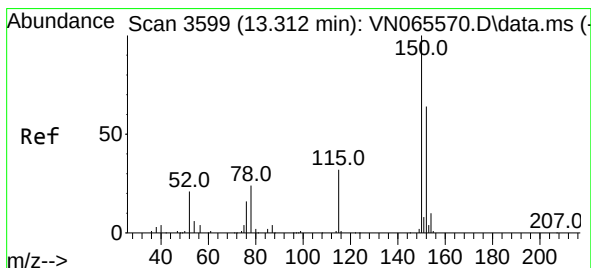
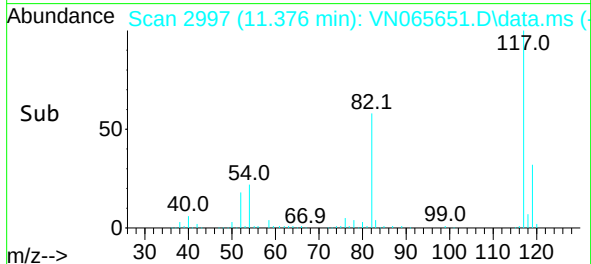
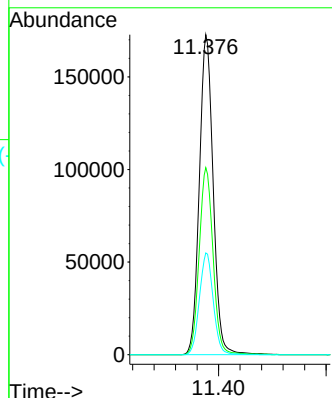
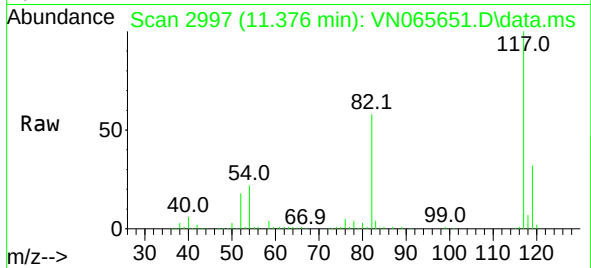




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

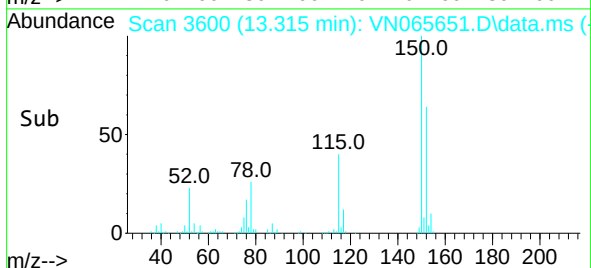
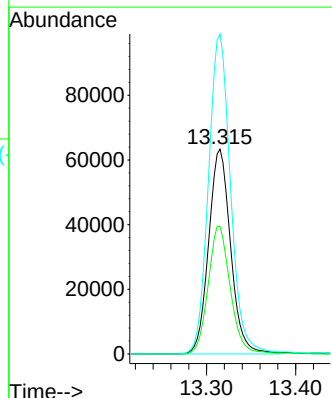
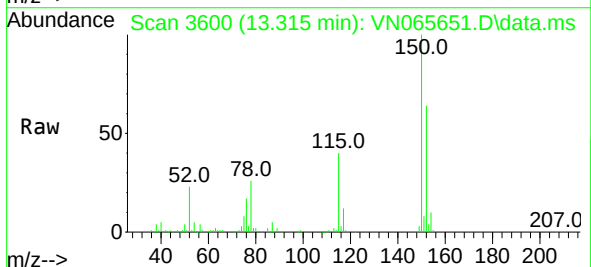
Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14

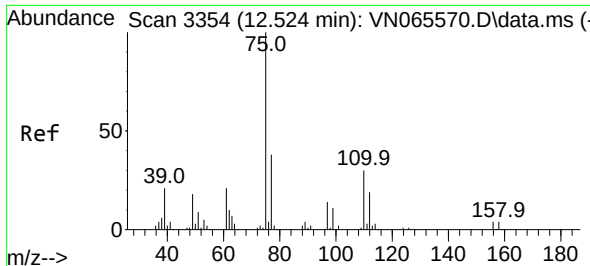
Tgt Ion:117 Resp: 308334
Ion Ratio Lower Upper
117 100
82 58.4 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Tgt Ion:152 Resp: 108582
Ion Ratio Lower Upper
152 100
115 62.8 28.5 85.6
150 157.3 0.0 347.6

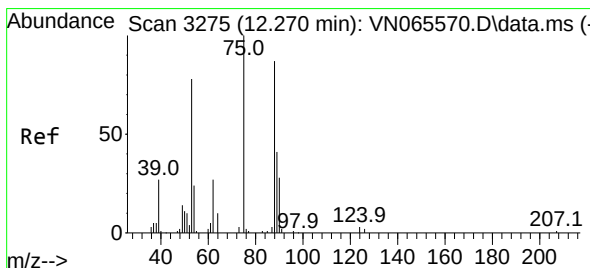
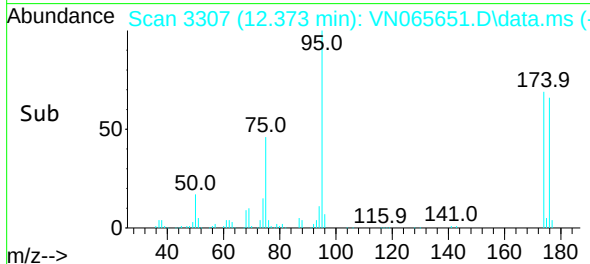
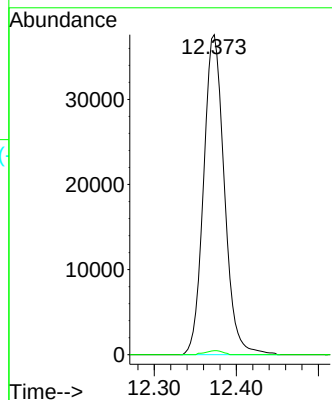
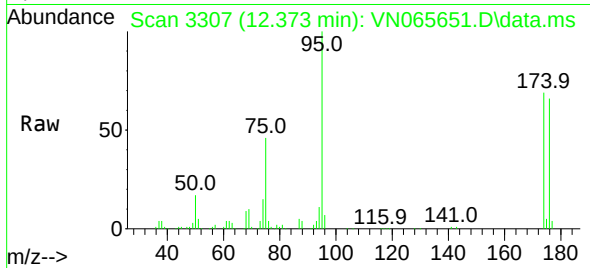




#76
1,2,3-Trichloropropane
Concen: 23.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Instrument :
MSVOA_N
ClientSampleId :
PB134373ZHE#14

Tgt Ion: 75 Resp: 66095
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.62 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065651.D
Acq: 28 Jan 2021 15:51

Tgt Ion: 75 Resp: 66095
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

