

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065824.D
 Acq On : 11 Feb 2021 19:22
 Operator : JC/MD
 Sample : M1364-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 01:31:46 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)

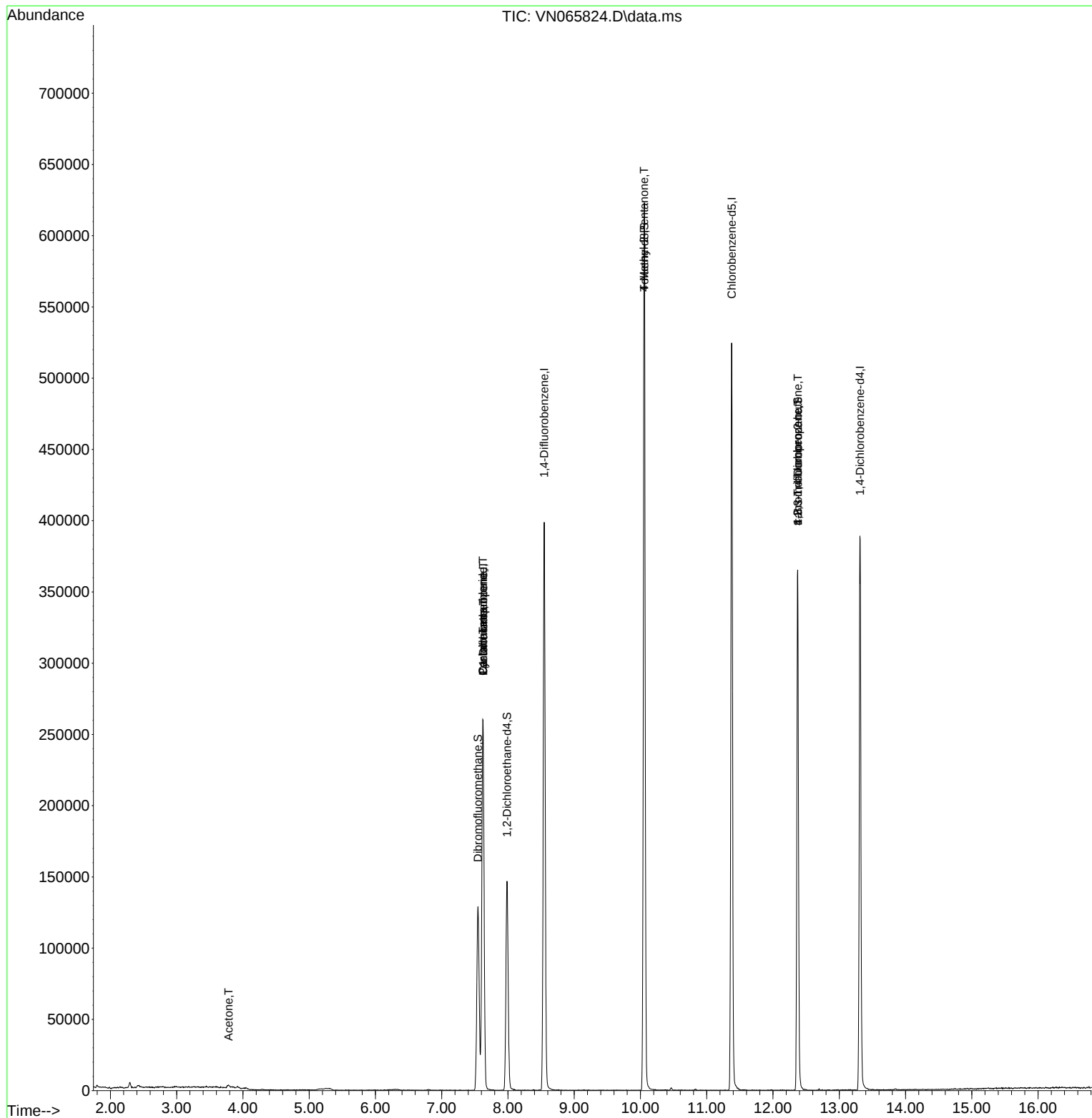
Internal Standards						
1) Pentafluorobenzene	7.624	168	225316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	377671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	323835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	118604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	124283	41.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.86%
35) Dibromofluoromethane	7.547	113	105282	47.04	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.08%
50) Toluene-d8	10.058	98	463498	52.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.38%
62) 4-Bromofluorobenzene	12.373	95	149738	47.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.54%
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	1714	1.49	ug/l #	85
31) Cyclohexane	7.624	56	3776	0.68	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16504	4.34	ug/l #	47
38) Carbon Tetrachloride	7.621	117	20774	6.64	ug/l #	17
51) 4-Methyl-2-Pentanone	10.055	43	1796	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	67924	21.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	67924	56.10	ug/l #	12

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

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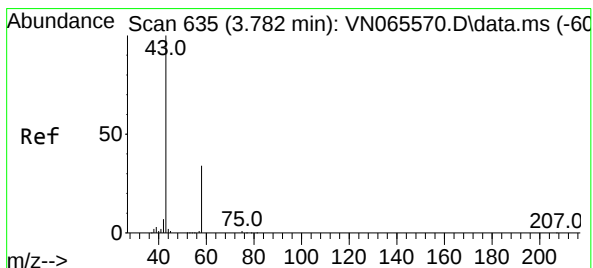
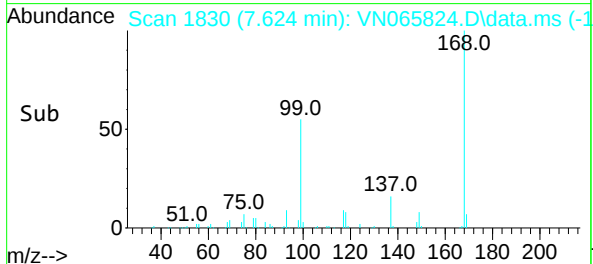
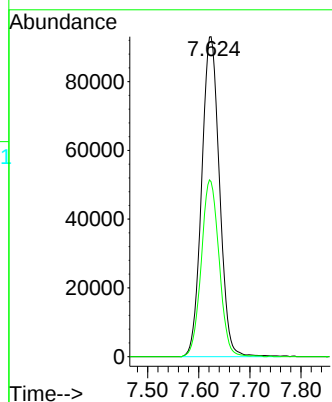
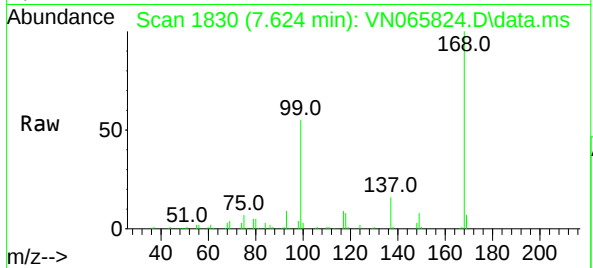




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

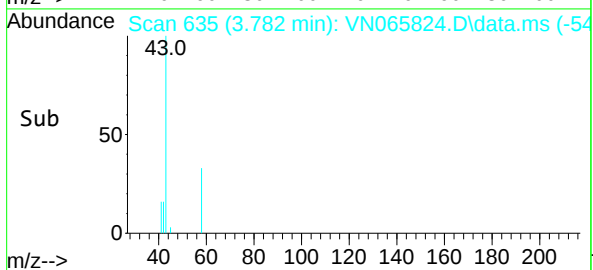
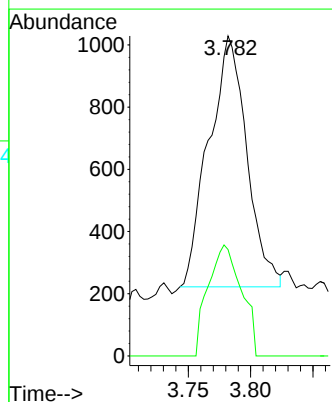
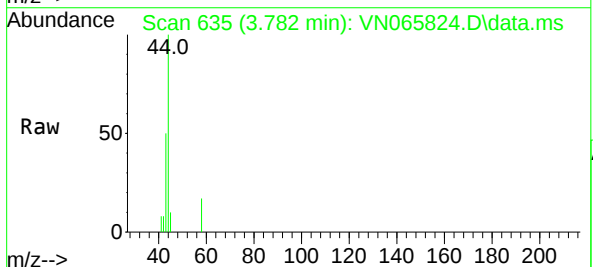
Instrument :
MSVOA_N
ClientSampled :

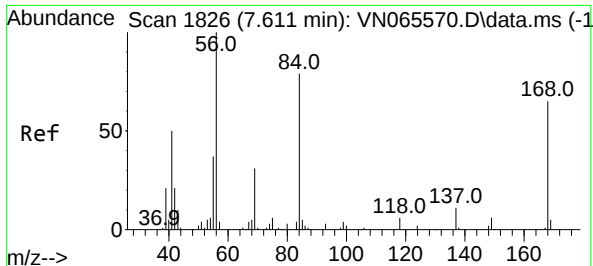
Tgt Ion:168 Resp: 225316
Ion Ratio Lower Upper
168 100
99 54.6 42.6 63.8



#16
Acetone
Concen: 1.49 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

Tgt Ion: 43 Resp: 1714
Ion Ratio Lower Upper
43 100
58 42.4 27.0 40.6#





#31

Cyclohexane

Concen: 0.68 ug/l

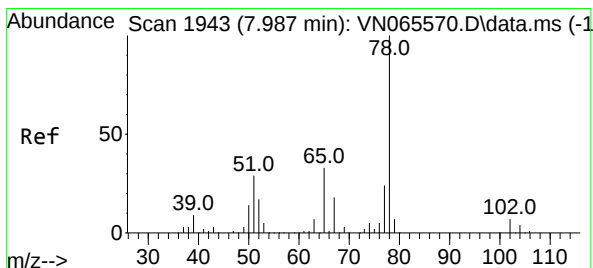
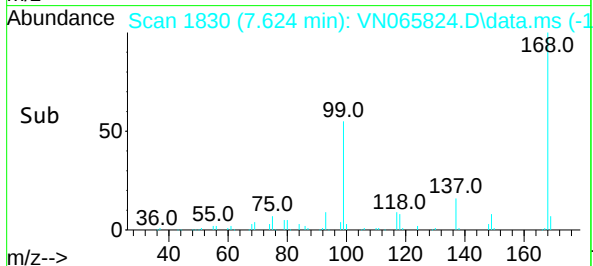
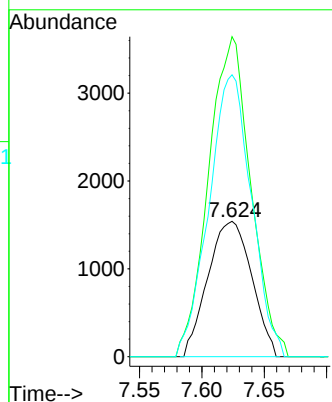
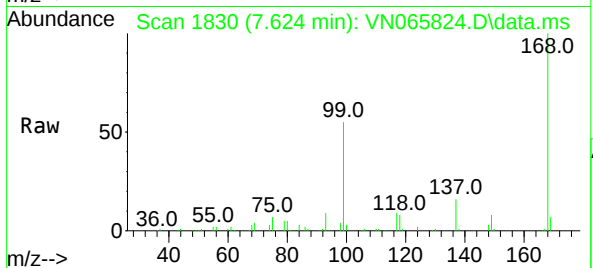
RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065824.D

Acq: 11 Feb 2021 19:22

Tgt Ion:	56	Resp:	3776
Ion	Ratio	Lower	Upper
56	100		
69	225.6	26.6	39.8#
84	197.8	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 41.93 ug/l

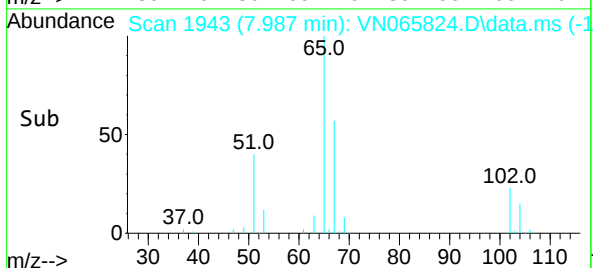
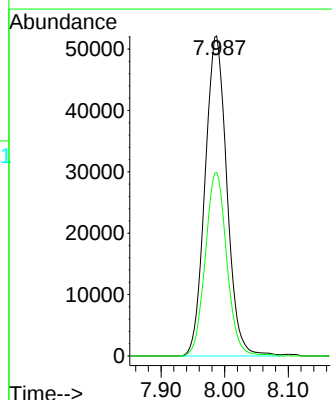
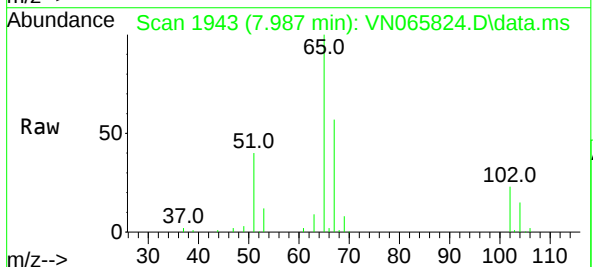
RT: 7.987 min Scan# 1943

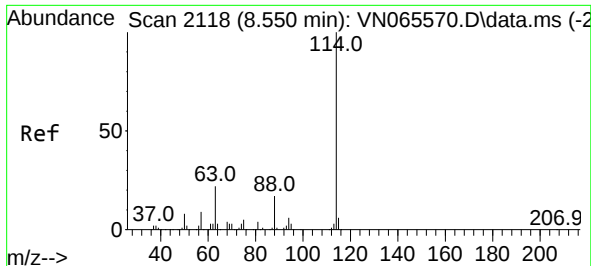
Delta R.T. 0.000 min

Lab File: VN065824.D

Acq: 11 Feb 2021 19:22

Tgt Ion:	65	Resp:	124283
Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	107.2

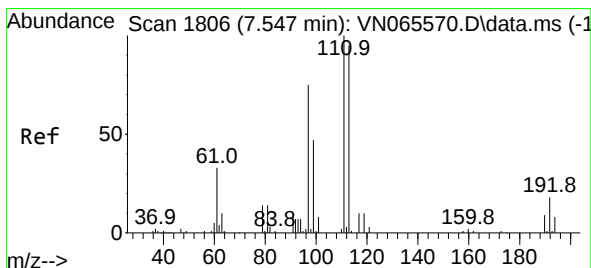
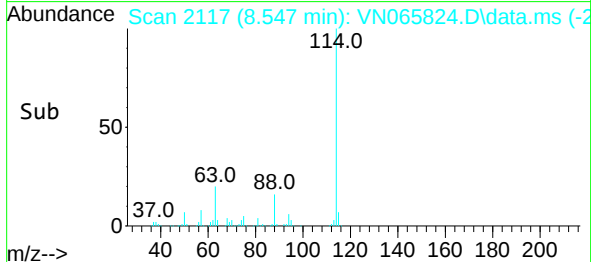
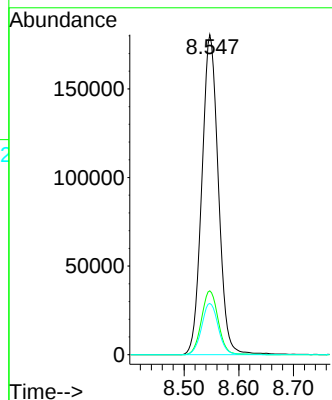
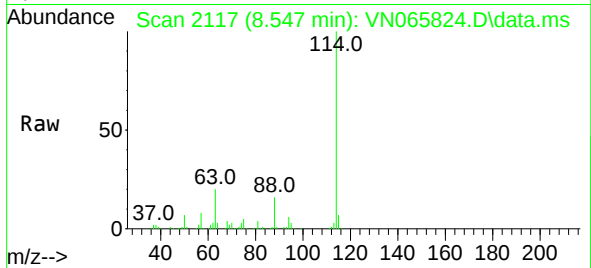




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

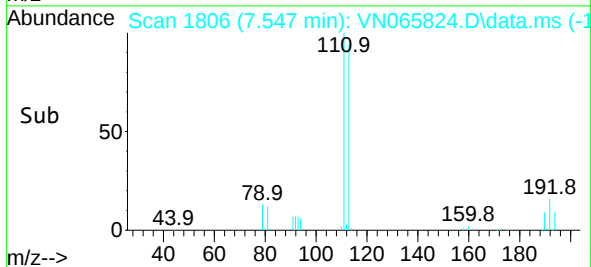
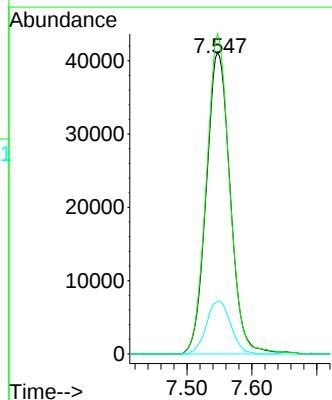
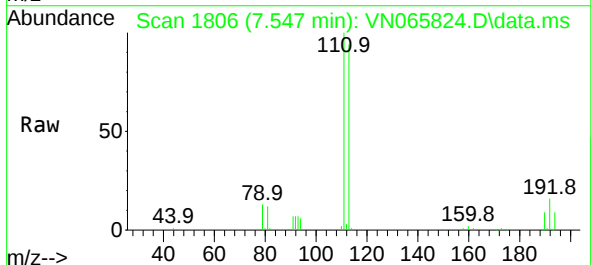
Instrument :
MSVOA_N
ClientSampleId :

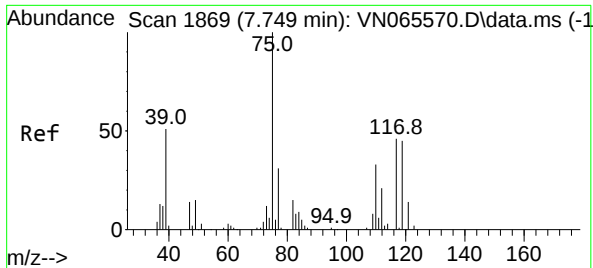
Tgt Ion:114 Resp: 377671
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.04 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

Tgt Ion:113 Resp: 105282
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 17.8 15.4 23.0

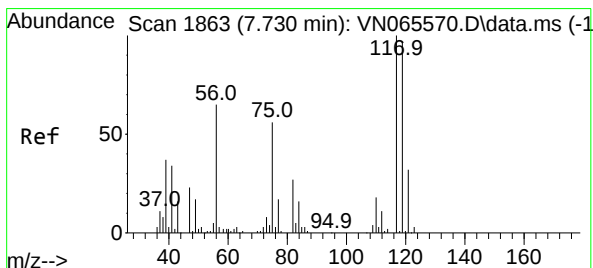
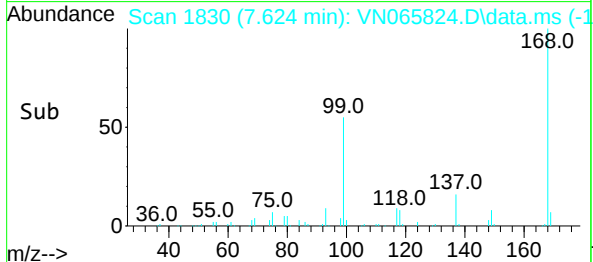
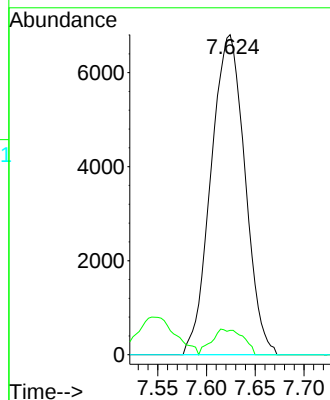
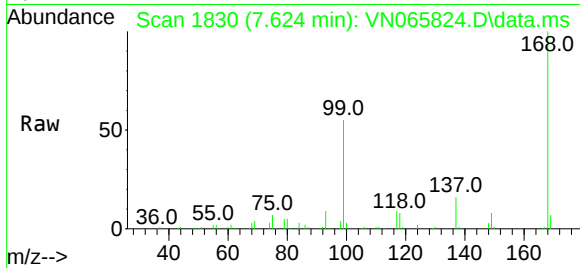




#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

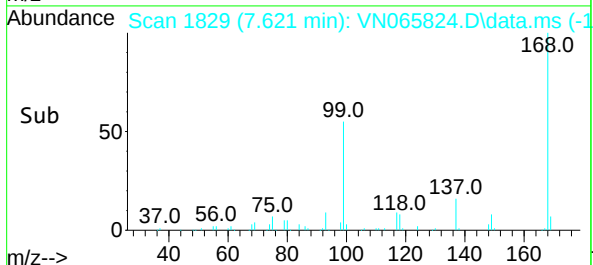
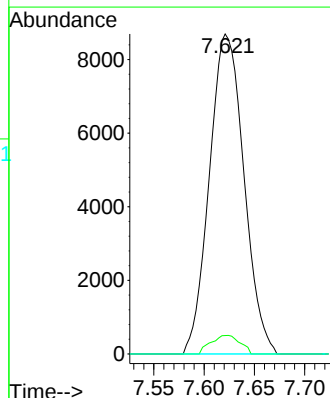
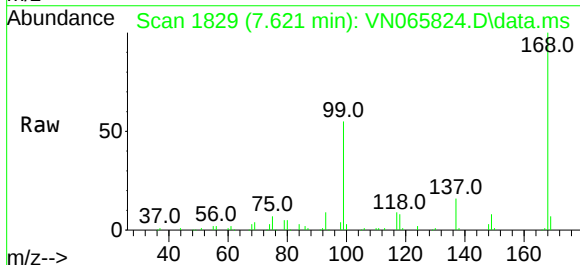
Instrument :
MSVOA_N
ClientSampled :

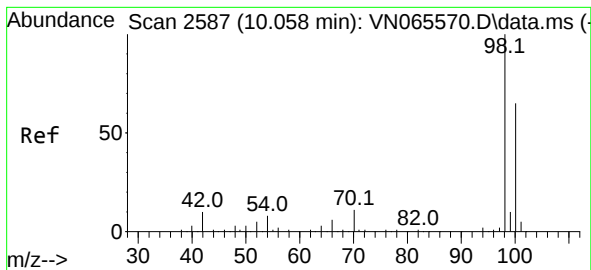
Tgt Ion: 75 Resp: 16504
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

Tgt Ion: 117 Resp: 20774
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

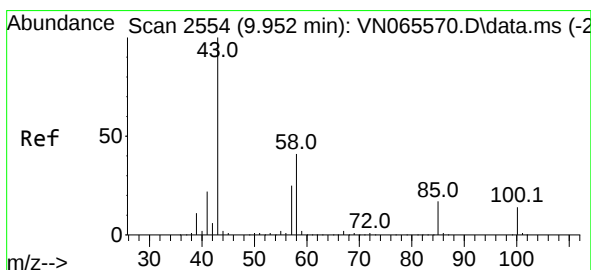
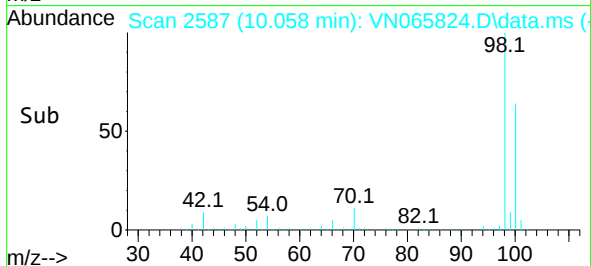
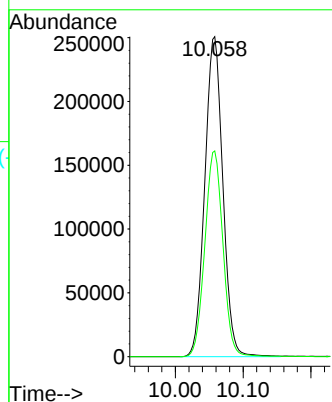
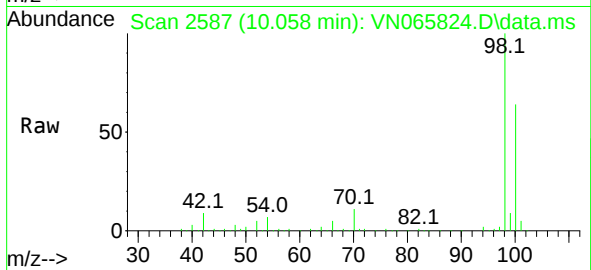




#50
Toluene-d8
Concen: 52.69 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

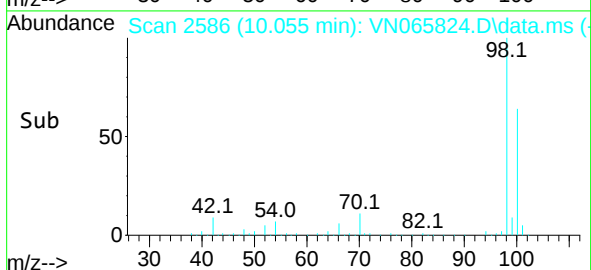
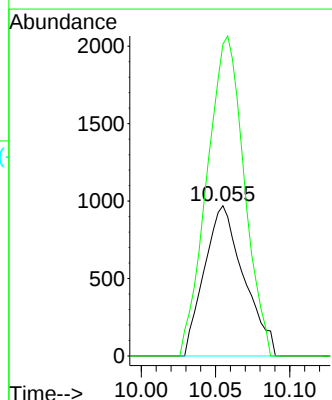
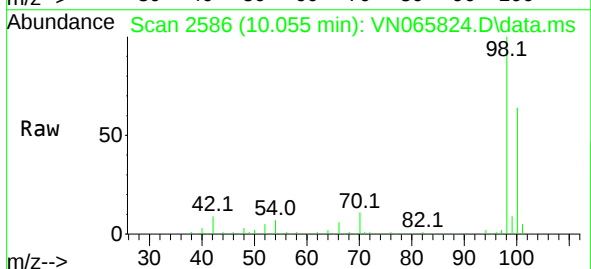
Instrument :
MSVOA_N
ClientSampled :

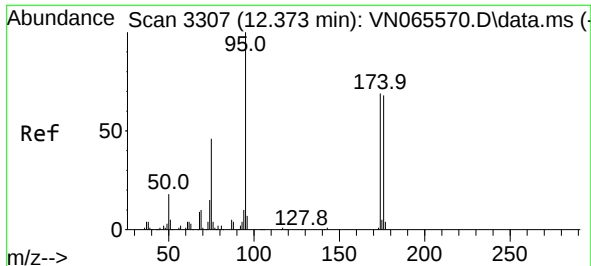
Tgt Ion: 98 Resp: 463498
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 200.6 32.5 48.7#

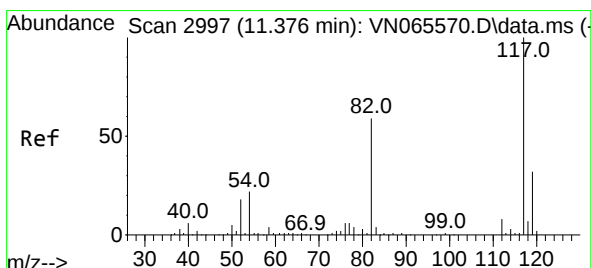
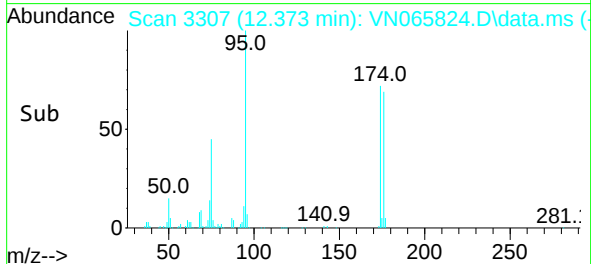
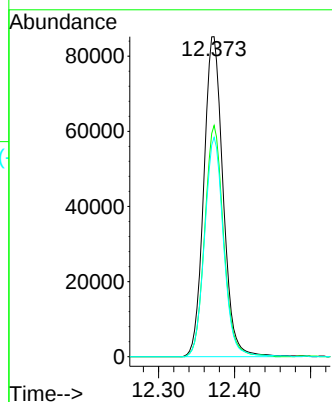
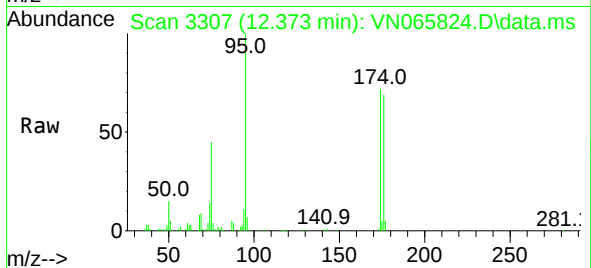




#62
4-Bromofluorobenzene
Concen: 47.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

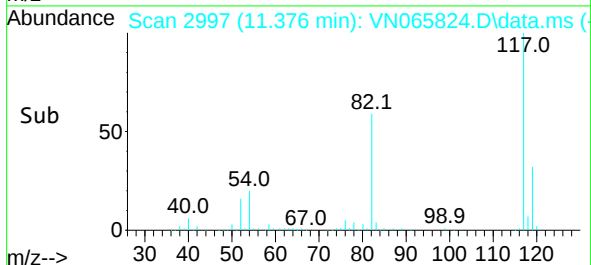
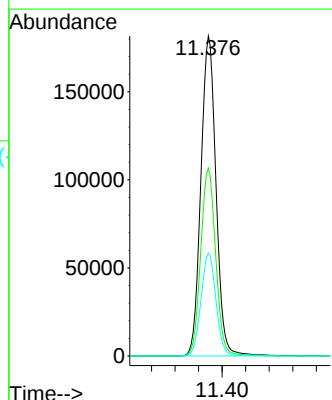
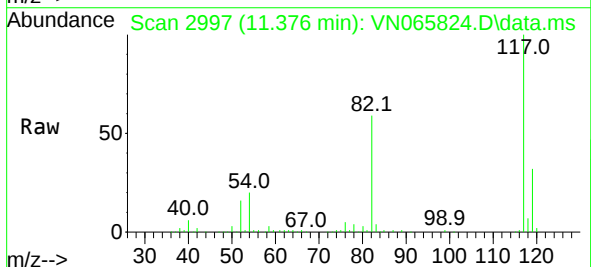
Instrument :
MSVOA_N
ClientSampleId :

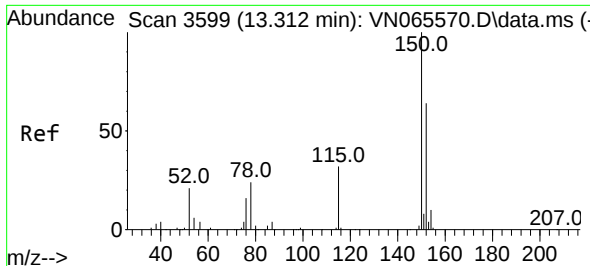
Tgt Ion: 95 Resp: 149738
Ion Ratio Lower Upper
95 100
174 70.7 0.0 169.0
176 67.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065824.D
Acq: 11 Feb 2021 19:22

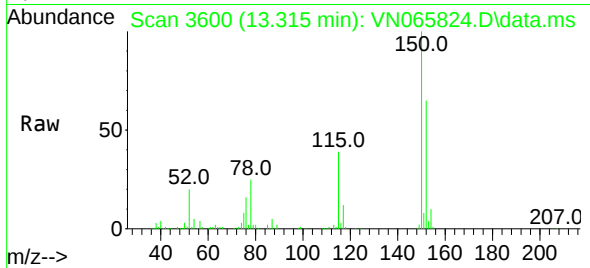
Tgt Ion: 117 Resp: 323835
Ion Ratio Lower Upper
117 100
82 58.8 43.7 65.5
119 32.2 26.1 39.1



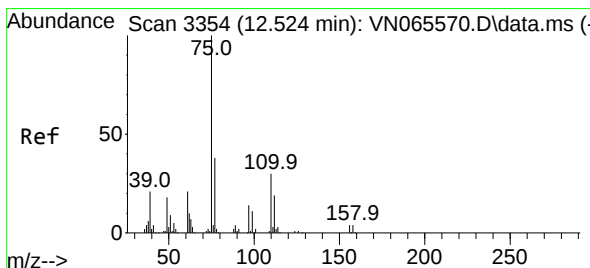
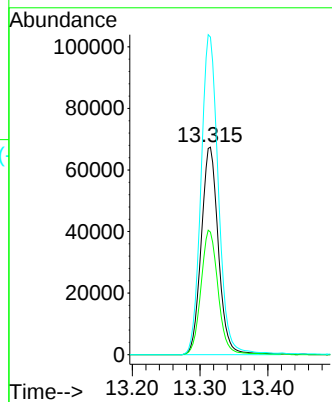
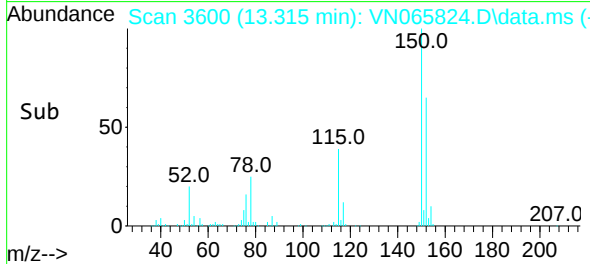


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065824.D
 Acq: 11 Feb 2021 19:22

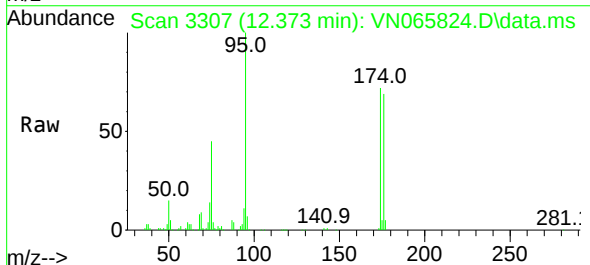
Instrument :
 MSVOA_N
 ClientSampled :



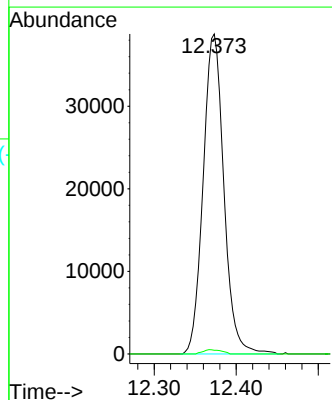
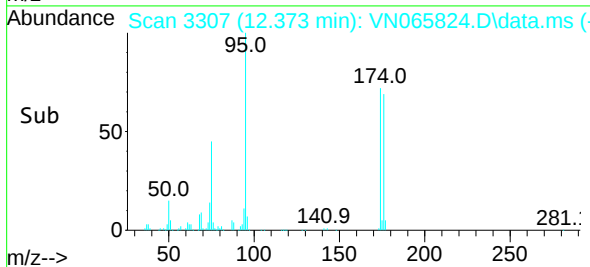
Tgt Ion:152 Resp: 118604
 Ion Ratio Lower Upper
 152 100
 115 59.9 28.5 85.6
 150 155.2 0.0 347.6

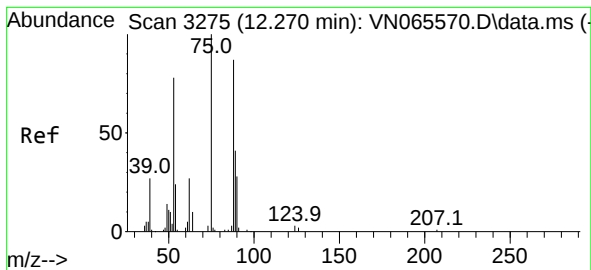


#76
 1,2,3-Trichloropropane
 Concen: 21.90 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065824.D
 Acq: 11 Feb 2021 19:22



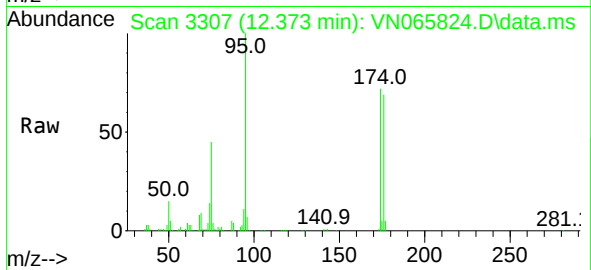
Tgt Ion: 75 Resp: 67924
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.10 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065824.D
 Acq: 11 Feb 2021 19:22

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 67924
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

