

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062431.D
 Acq On : 9 Jul 2020 1:59
 Operator : JC/MD
 Sample : L3215-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

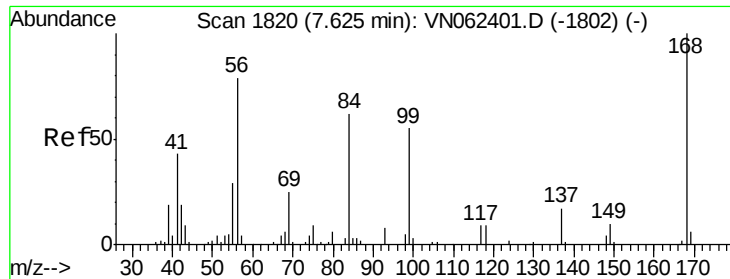
Quant Time: Jul 09 02:27:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	169316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	305011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	294094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	134591	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	7.55	113	98666	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
50) Toluene-d8	10.06	98	393599	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.38	95	138439	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	631	0.228	ug/l	89
16) Acetone	3.78	43	2504	2.265	ug/l	92
28) Bromochloromethane	7.34	49	2102	0.927	ug/l #	24
30) Chloroform	7.33	83	23126	6.138	ug/l	96
31) Cyclohexane	7.63	56	4424	1.118	ug/l #	14
36) 1,1-Dichloropropene	7.63	75	14834	4.827	ug/l #	51
38) Carbon Tetrachloride	7.63	117	17629	6.381	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2097	0.619	ug/l #	1
60) Dibromochloromethane	10.60	129	2518	1.129	ug/l #	11
64) Tetrachloroethene	10.61	164	2708	1.552	ug/l #	91
71) Bromoform	12.38	173	585	0.379	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	73464	29.597	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	73464	79.220	ug/l #	10

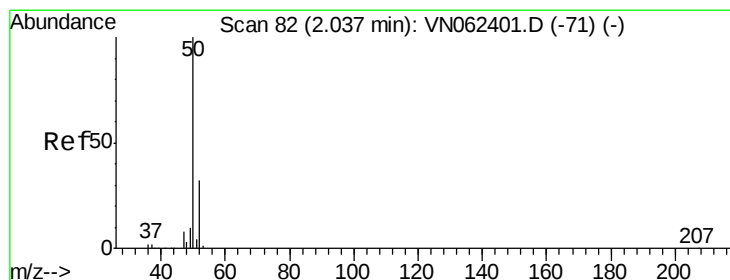
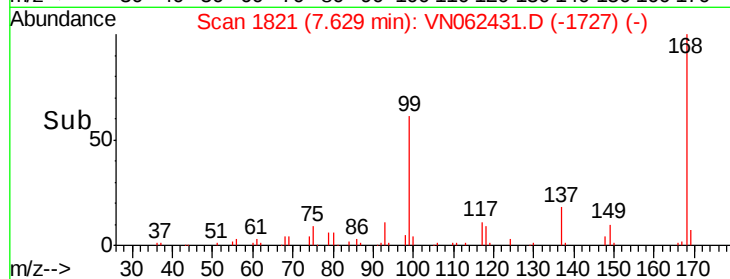
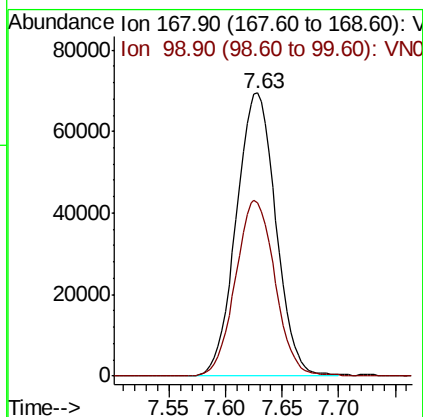
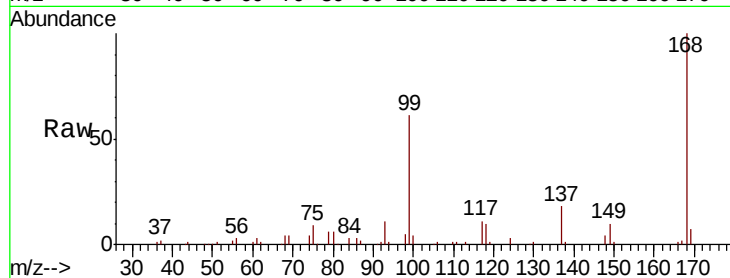
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

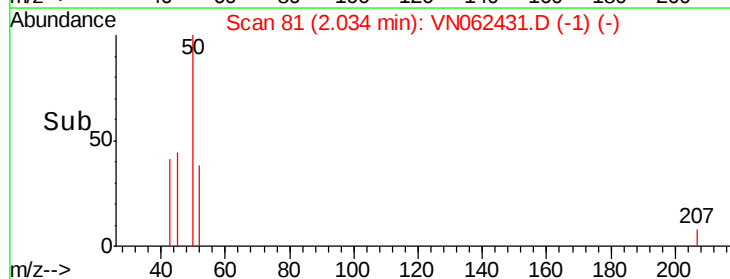
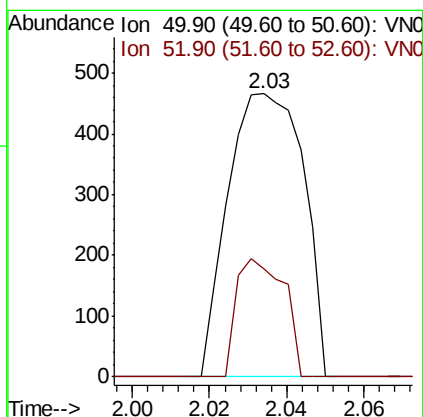
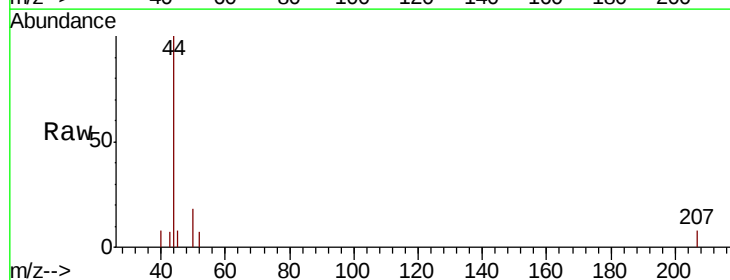
Instrument :
MSVOA_N
ClientSampled :
MW-8

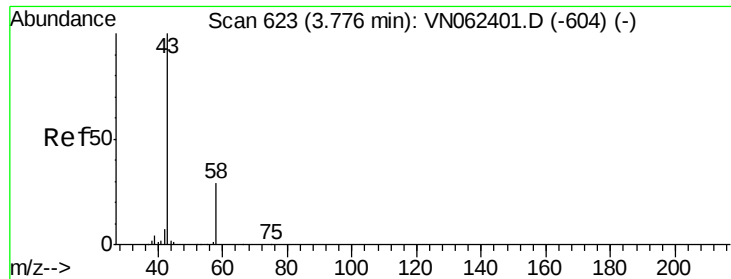
Tot Ion:168 Resp: 169316
Ion Ratio Lower Upper
168 100
99 61.2 48.8 73.2



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion: 50 Resp: 631
Ion Ratio Lower Upper
50 100
52 38.0 25.5 38.3

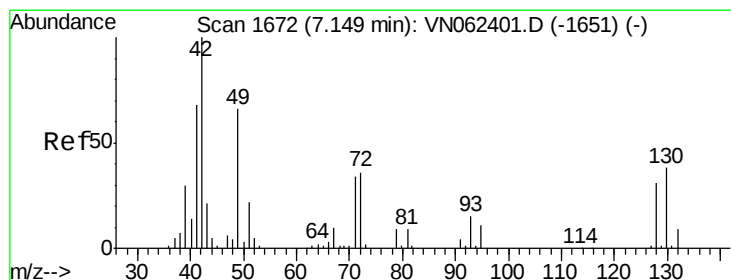
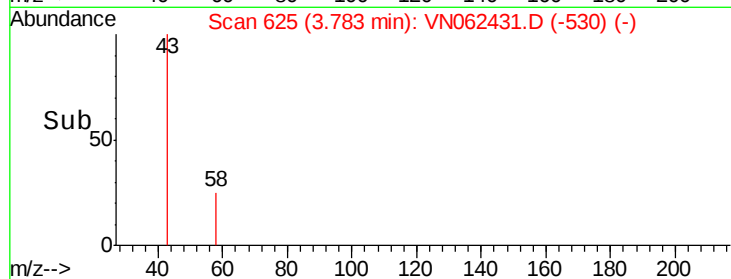
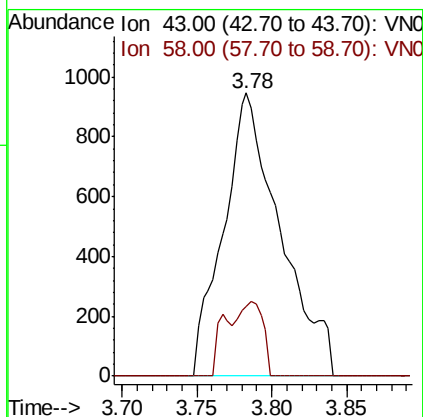
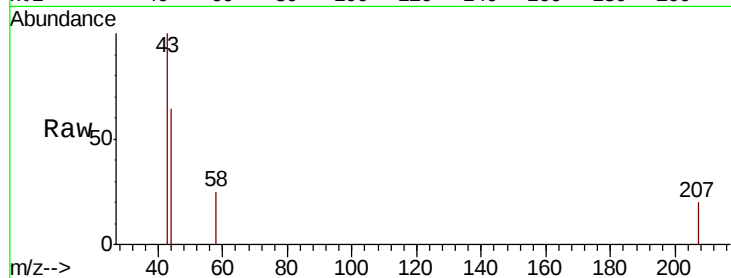




#16
Acetone
Concen: 2.265 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

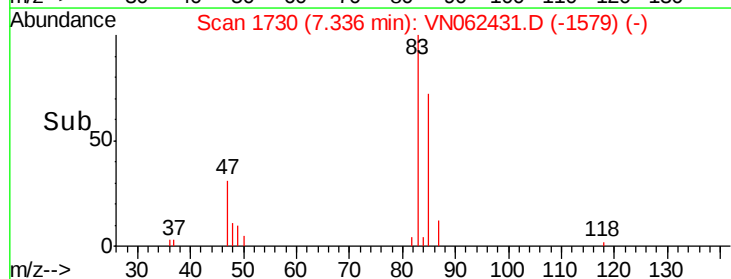
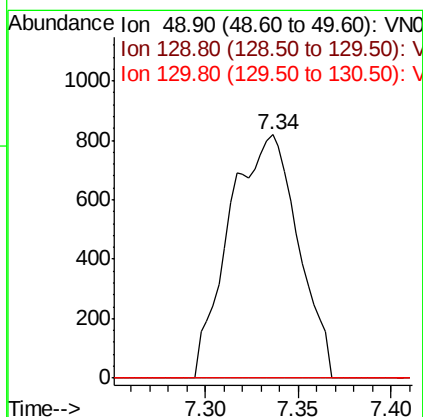
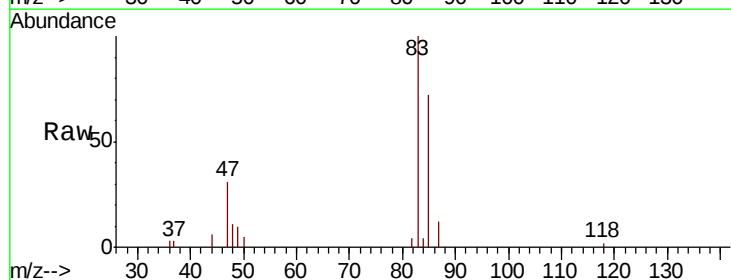
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MSVOA_N
ClientSampled :
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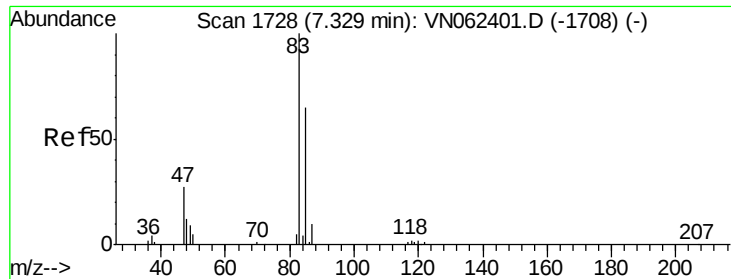
Tot Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
58 24.8 23.5 35.3



#28
Bromochloromethane
Concen: 0.927 ug/l
RT: 7.34 min Scan# 1730
Delta R.T. 0.19 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion: 49 Resp: 2102
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.8
130 0.0 46.5 69.7#

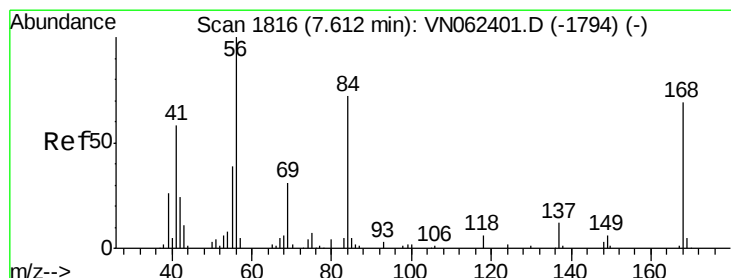
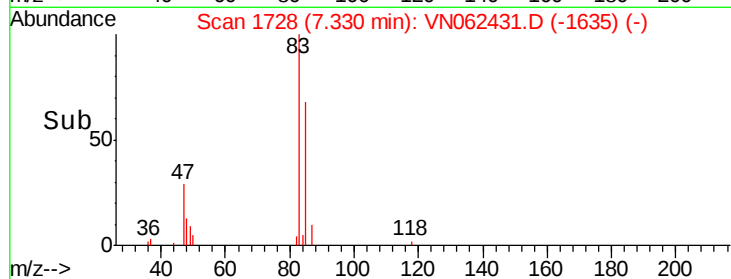
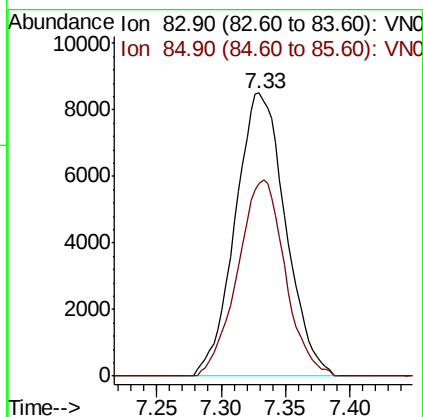
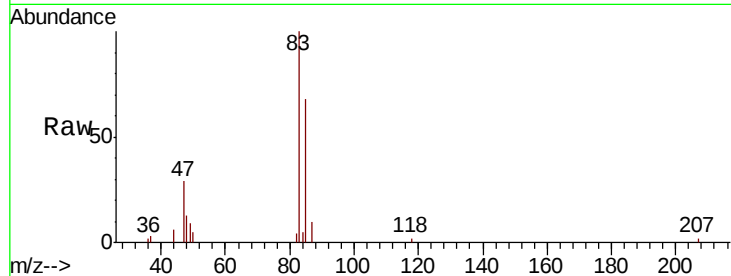




#30
Chloroform
Concen: 6.138 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

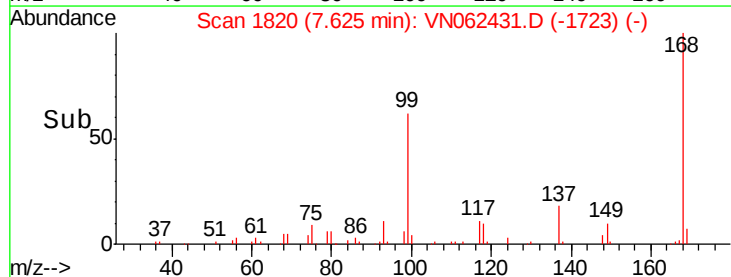
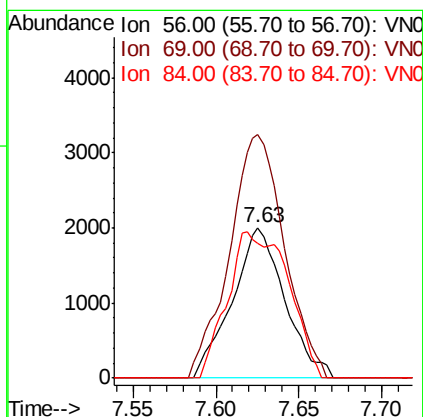
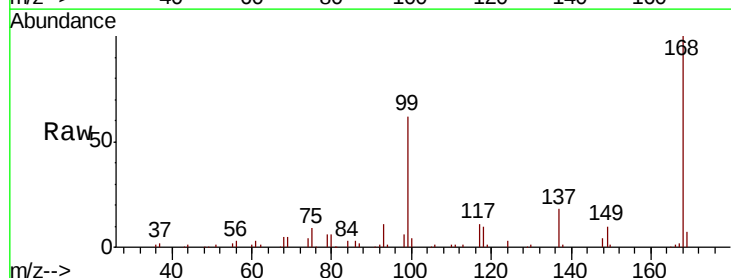
Instrument :
MSVOA_N
ClientSampleId :
MW-8

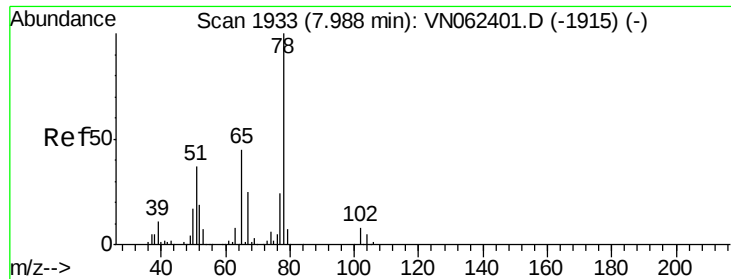
Tot Ion: 83 Resp: 23126
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.6



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion: 56 Resp: 4424
Ion Ratio Lower Upper
56 100
69 161.8 24.5 36.7#
84 89.2 57.4 86.2#

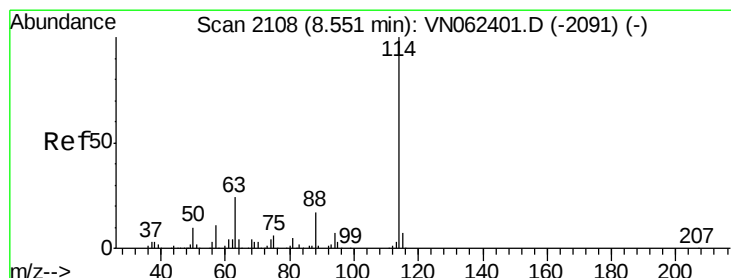
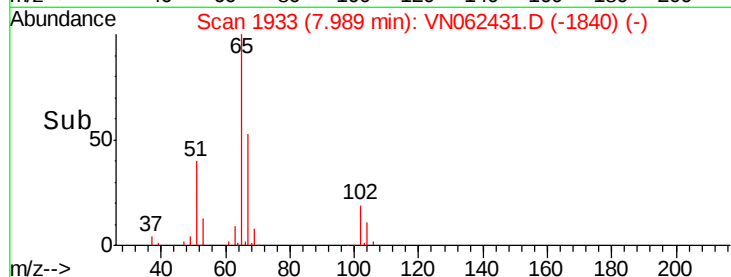
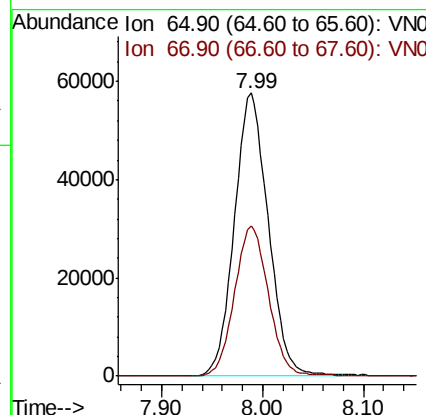
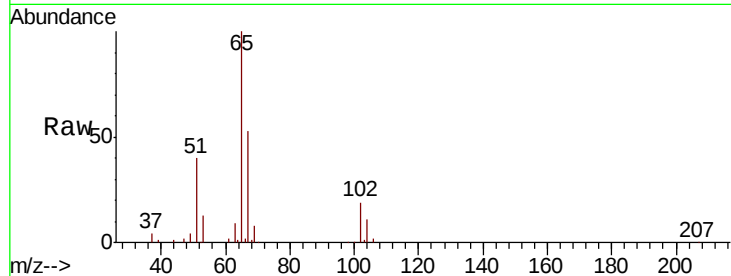




#33
 1,2-Dichloroethane-d4
 Concen: 51.680 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062431.D
 Acq: 9 Jul 2020 1:59

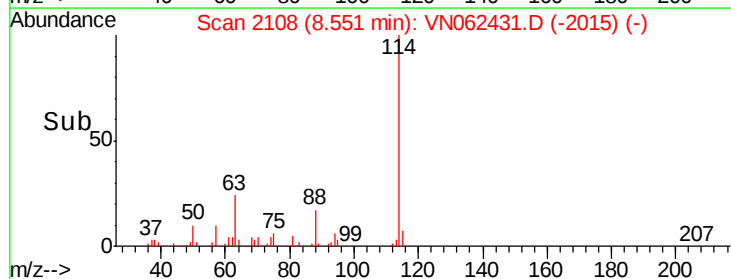
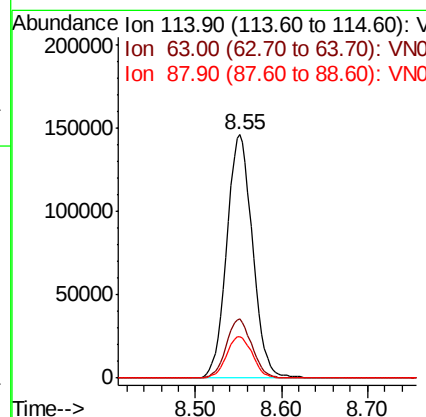
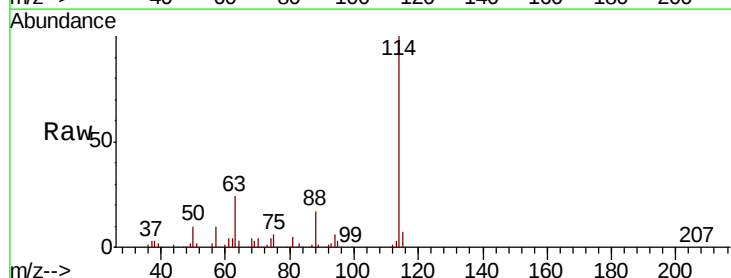
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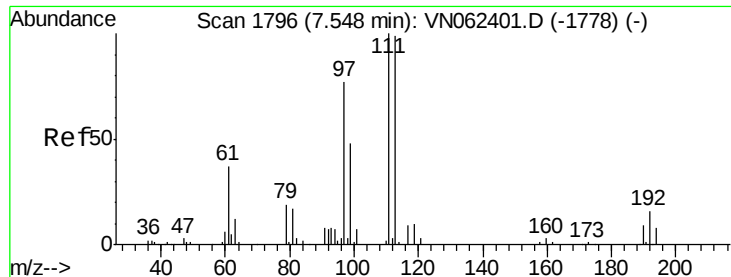
Tot Ion: 65 Resp: 134591
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062431.D
 Acq: 9 Jul 2020 1:59

Tgt Ion: 114 Resp: 305011
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.0 0.0 33.8

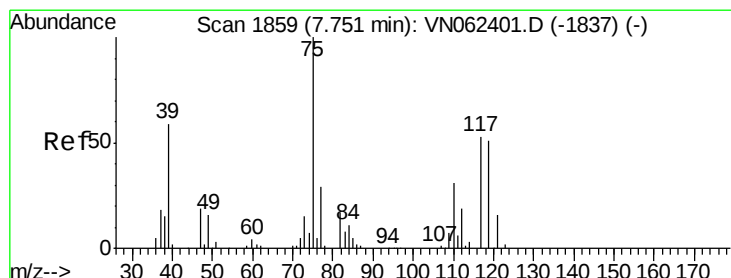
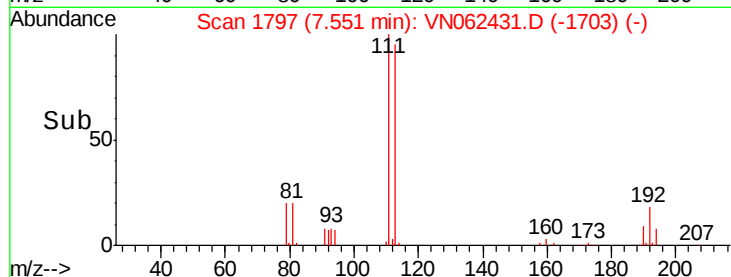
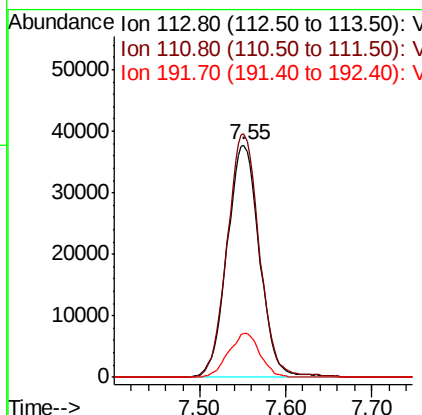
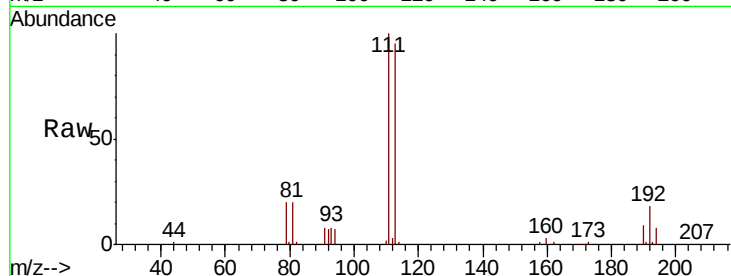




#35
Dibromofluoromethane
Concen: 52.332 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

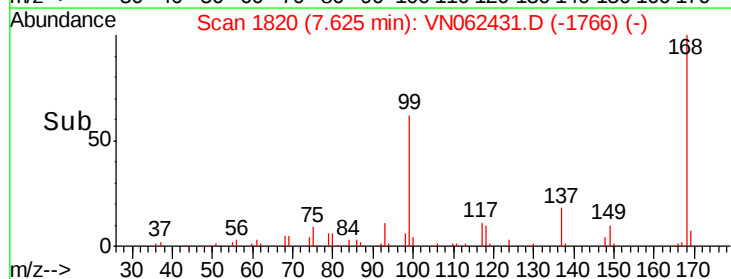
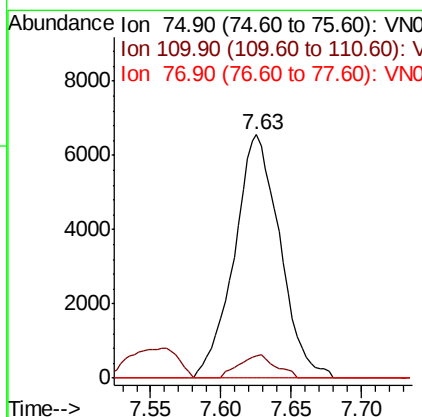
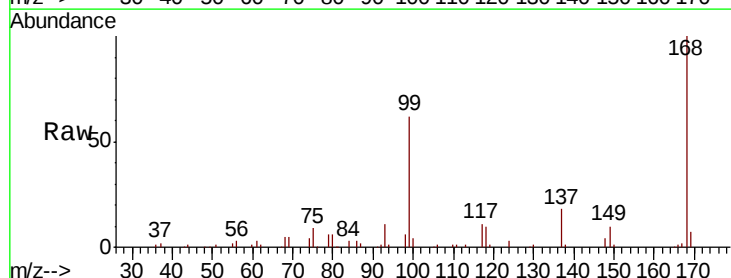
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ClientSampled :
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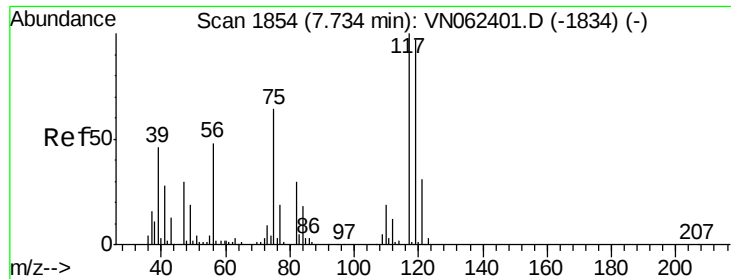
Tot Ion:113 Resp: 98666
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion: 75 Resp: 14834
Ion Ratio Lower Upper
75 100
110 7.7 15.4 46.2#
77 0.0 24.1 36.1#

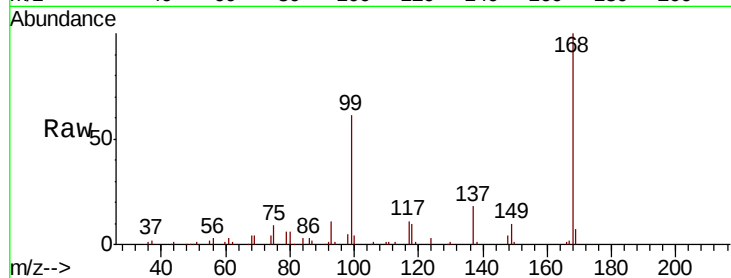




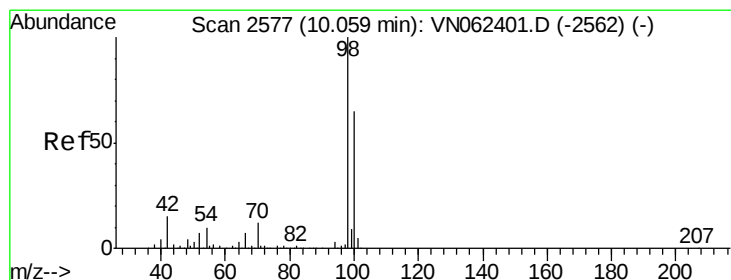
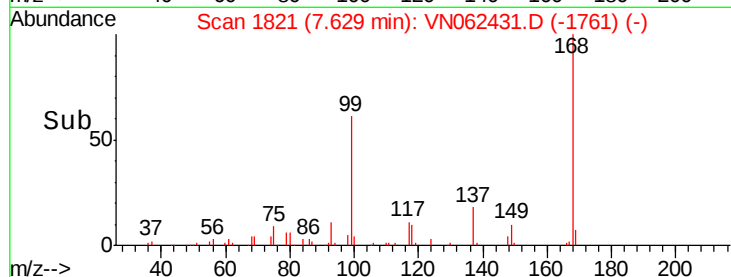
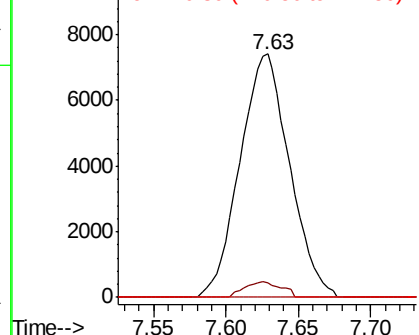
#38
Carbon Tetrachloride
Concen: 6.381 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tot Ion:117 Resp: 17629
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 24.8 37.2#

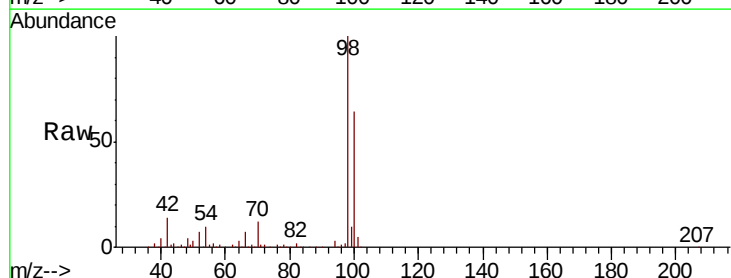


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

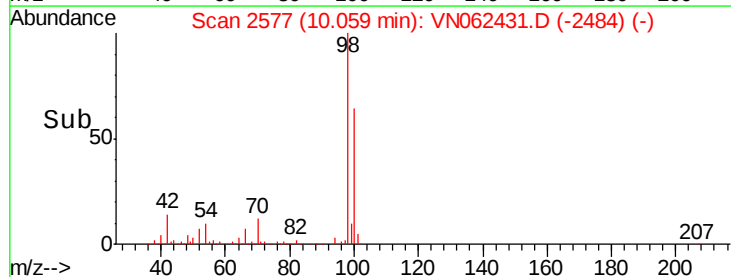
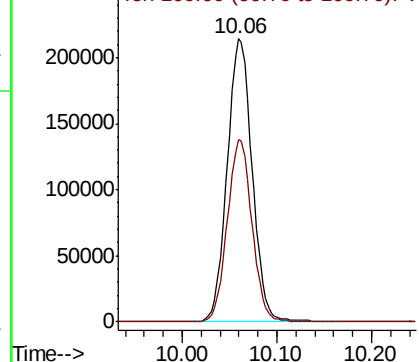


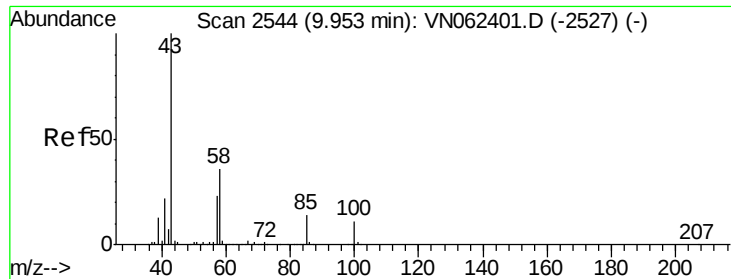
#50
Toluene-d8
Concen: 52.882 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion: 98 Resp: 393599
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.619 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampled :

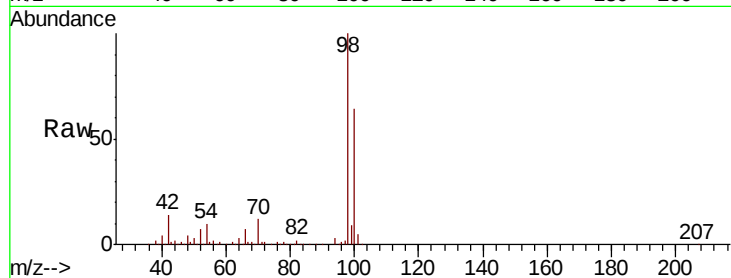
MW-8

Tot Ion: 43 Resp: 2097

Ion Ratio Lower Upper

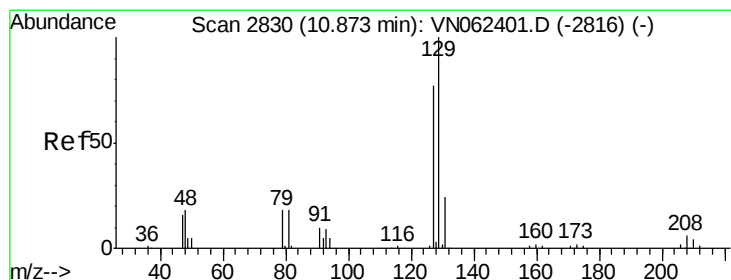
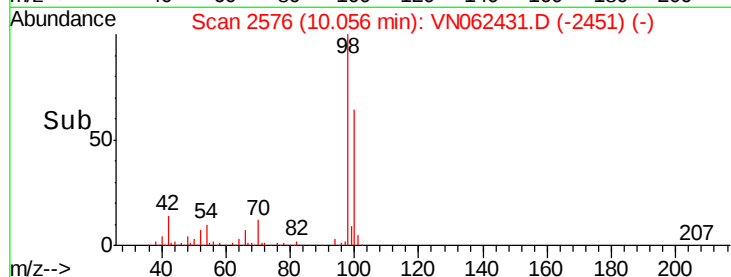
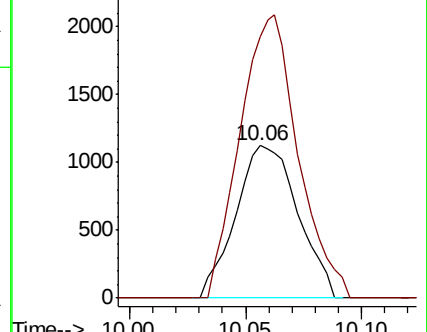
43 100

58 173.3 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)



#60

Dibromochloromethane

Concen: 1.129 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.27 min

Lab File: VN062431.D

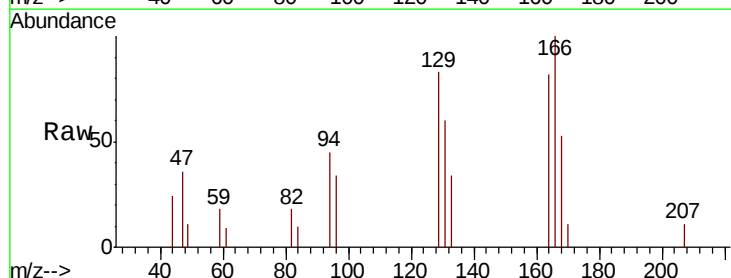
Acq: 9 Jul 2020 1:59

Tgt Ion: 129 Resp: 2518

Ion Ratio Lower Upper

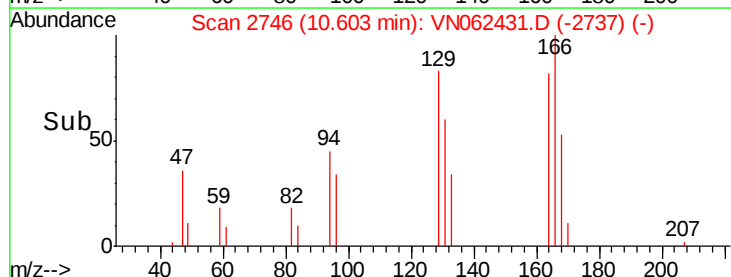
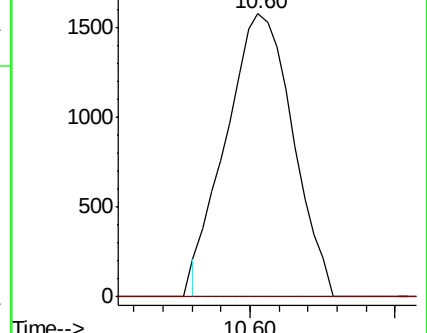
129 100

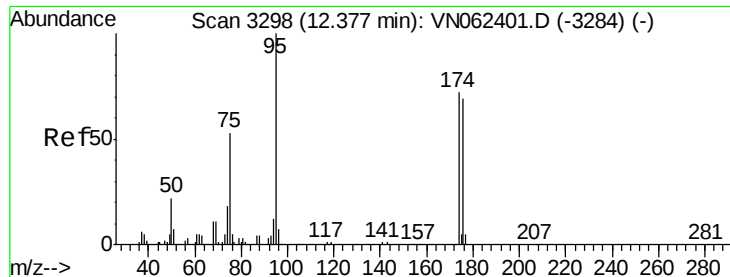
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): VN062401.D (-2816) (-)

Ion 126.80 (126.50 to 127.50): VN062401.D (-2816) (-)

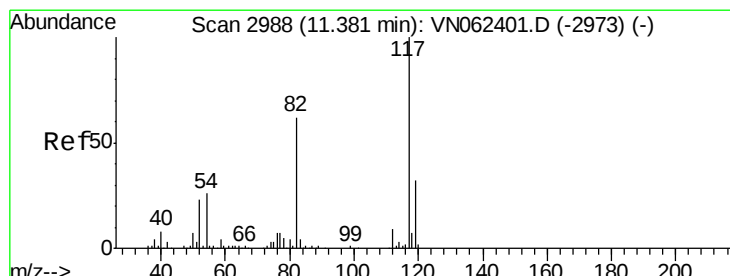
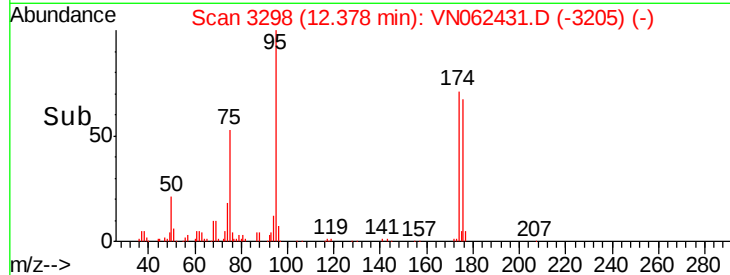
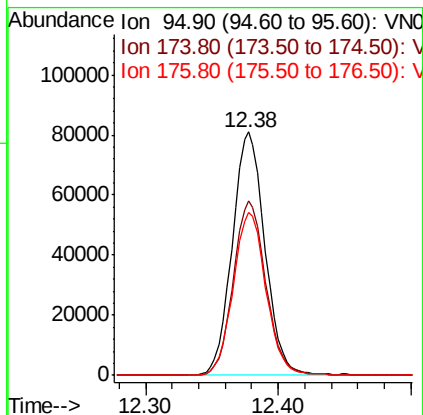
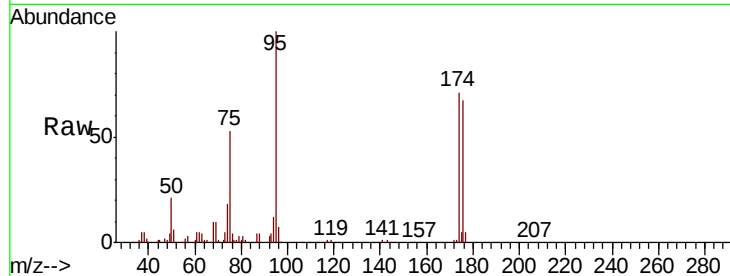




#62
 4-Bromofluorobenzene
 Concen: 50.899 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062431.D
 Acq: 9 Jul 2020 1:59

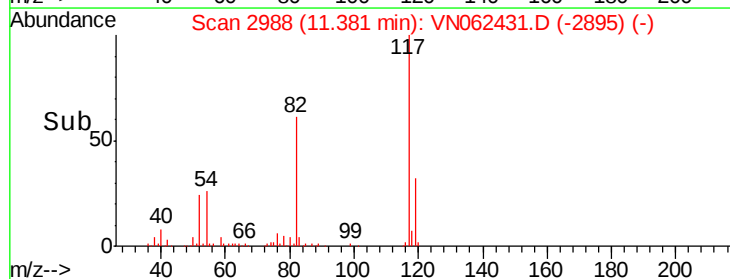
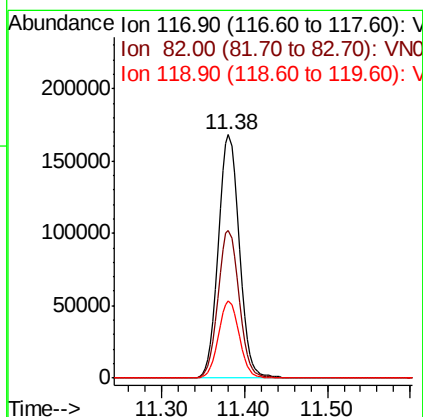
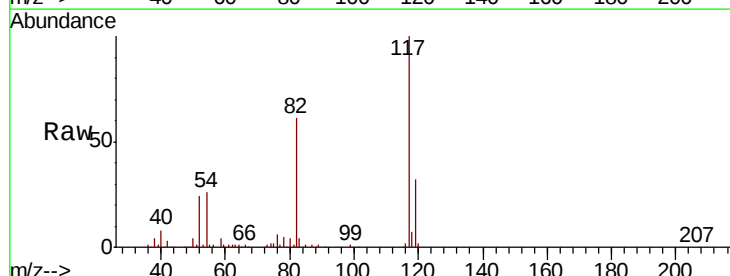
Instrument :
 MSVOA_N
 ClientSampled :
 MW-8

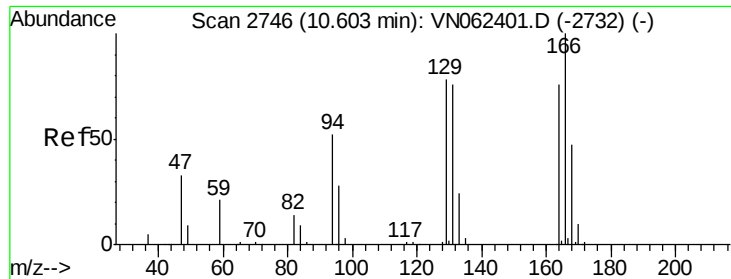
Tot Ion: 95 Resp: 138439
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 141.6
 176 67.2 0.0 137.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN062431.D
 Acq: 9 Jul 2020 1:59

Tgt Ion: 117 Resp: 294094
 Ion Ratio Lower Upper
 117 100
 82 60.9 49.6 74.4
 119 31.5 25.4 38.0

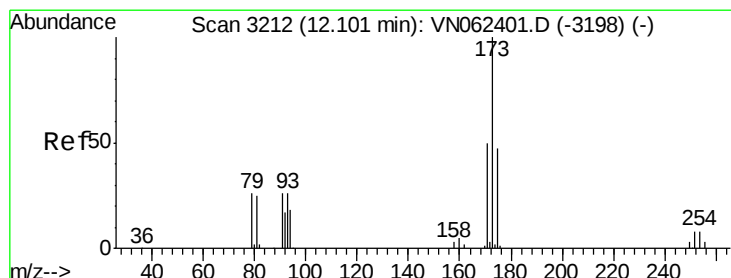
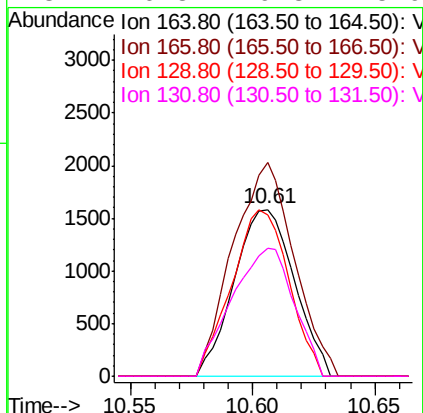
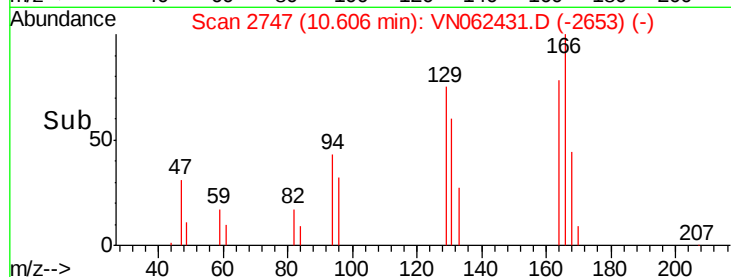
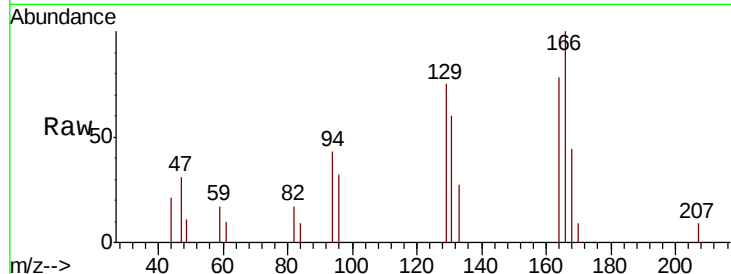




#64
Tetrachloroethene
Concen: 1.552 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

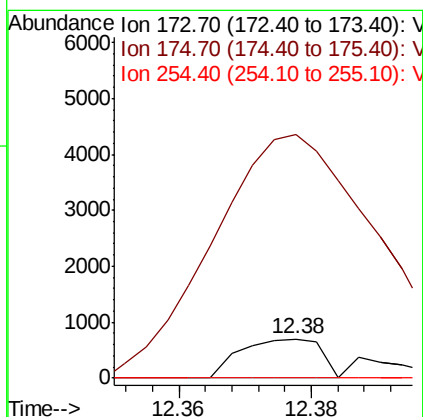
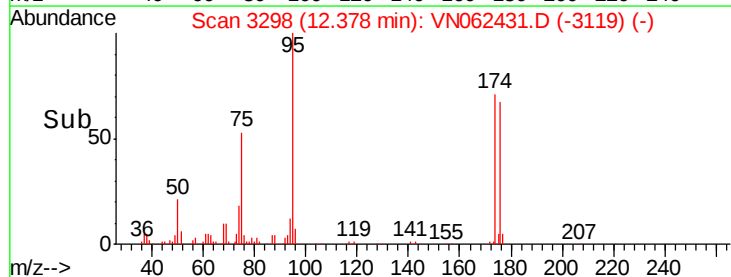
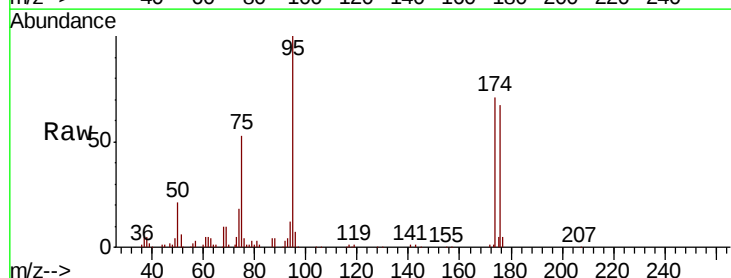
Instrument :
MSVOA_N
ClientSampleId :
MW-8

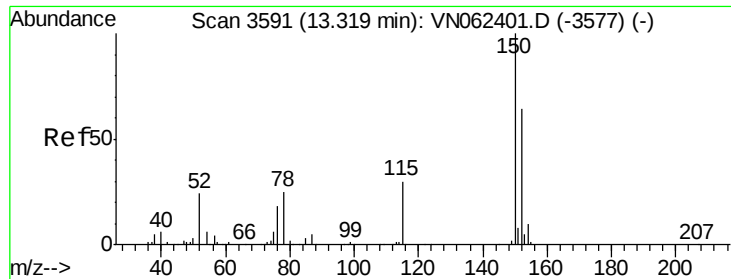
Tot Ion:164 Resp: 2708
Ion Ratio Lower Upper
164 100
166 128.0 104.9 157.3
129 96.5 81.8 122.6
131 76.8 79.3 118.9#



#71
Bromoform
Concen: 0.379 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion:173 Resp: 585
Ion Ratio Lower Upper
173 100
175 1056.9 23.7 71.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampled :

MW-8

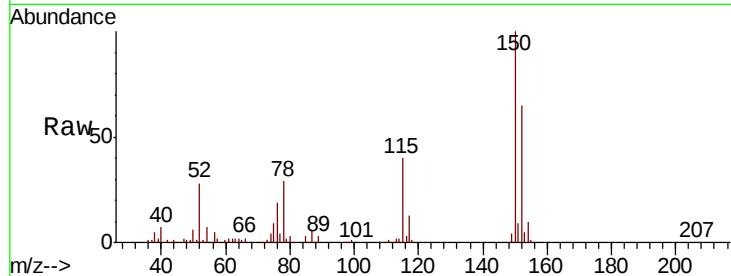
Tot Ion:152 Resp: 101160

Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.2

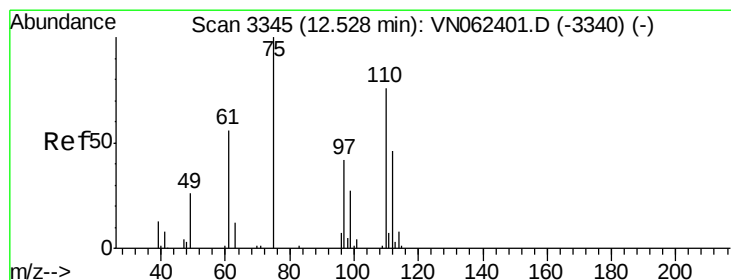
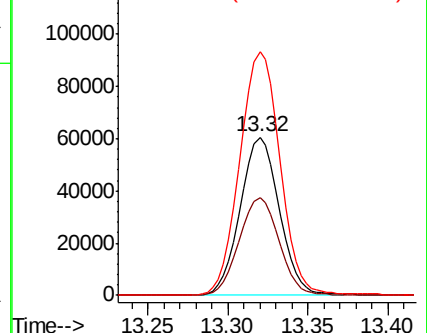
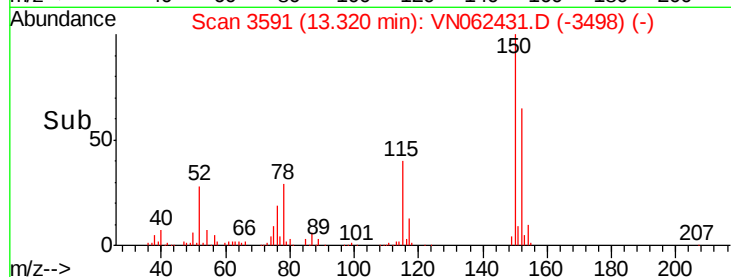
150 159.1 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 29.597 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062431.D

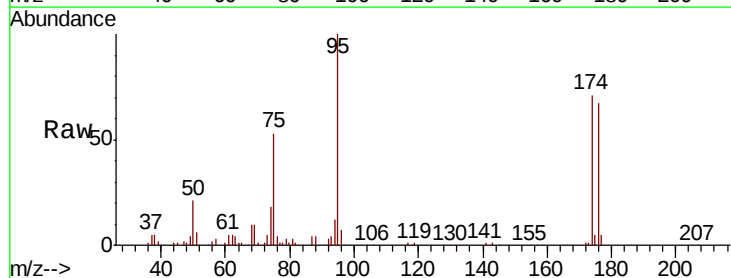
Acq: 9 Jul 2020 1:59

Tgt Ion: 75 Resp: 73464

Ion Ratio Lower Upper

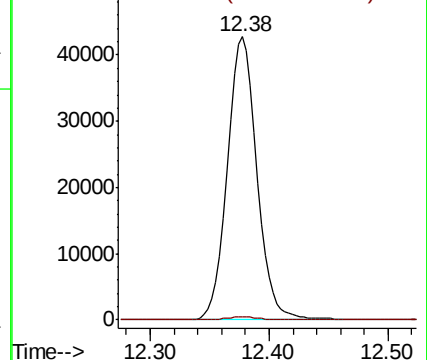
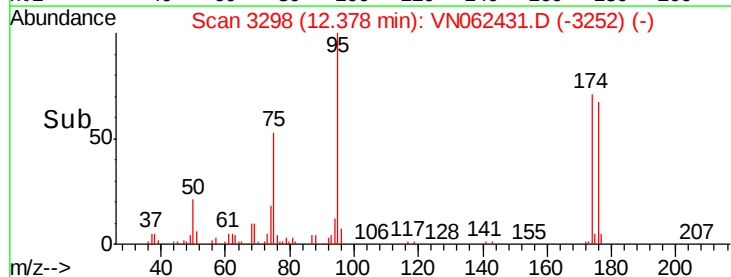
75 100

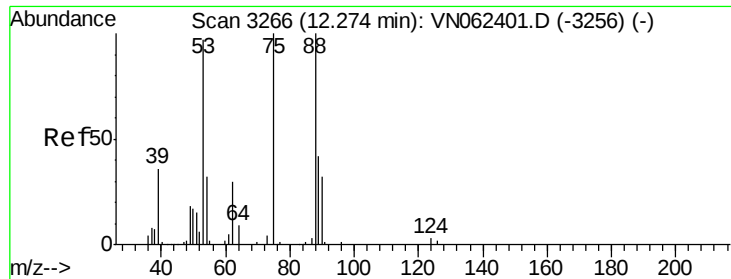
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 79.220 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampleId :

MW-8

Tot Ion: 75 Resp: 73464

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

89 0.0 34.6 52.0#

