

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061902.D
 Acq On : 18 Jun 2020 16:03
 Operator : JC/MD
 Sample : L3011-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE-DUP04-20200612

Quant Time: Jun 19 05:27:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	237986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89987	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	91651	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
35) Dibromofluoromethane	7.55	113	80136	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.06	98	307966	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.38	95	101032	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	

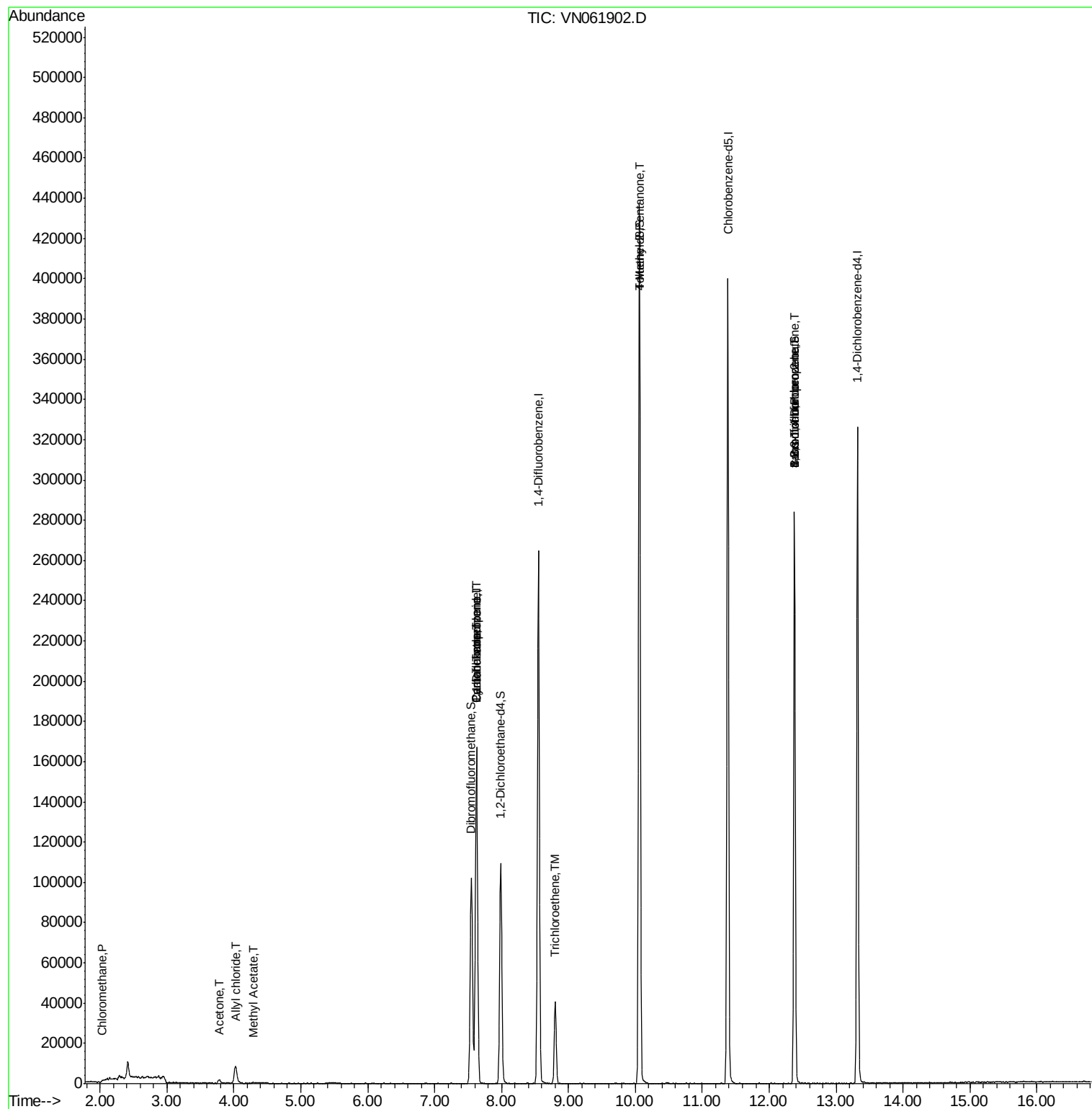
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	626	0.332	ug/l #	84
14) Allyl chloride	4.02	41	1567	0.855	ug/l #	42
16) Acetone	3.78	43	3508	6.519	ug/l #	85
18) Methyl Acetate	4.29	43	527	0.340	ug/l #	46
31) Cyclohexane	7.63	56	2771	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10523	4.648	ug/l #	48
38) Carbon Tetrachloride	7.62	117	13174	5.877	ug/l #	17
44) Trichloroethene	8.80	130	15374	8.519	ug/l	99
51) 4-Methyl-2-Pentanone	10.06	43	1082	0.615	ug/l #	1
71) Bromoform	12.38	173	713	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	50215	28.424	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50215	77.523	ug/l #	14

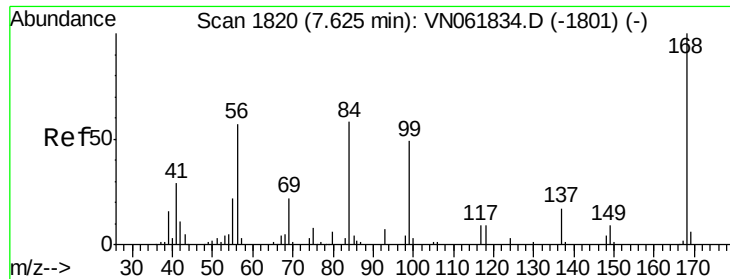
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
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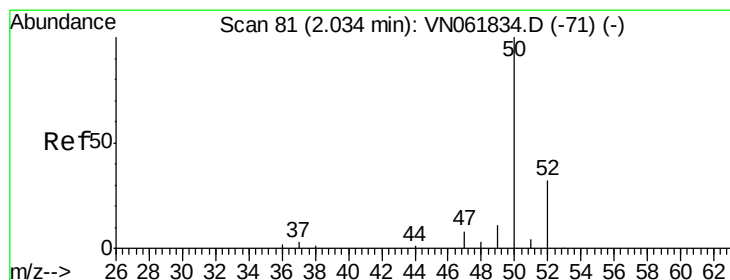
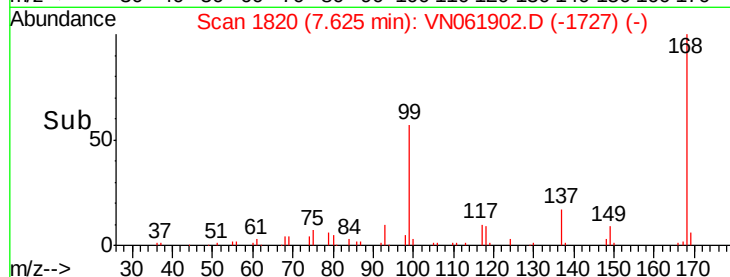
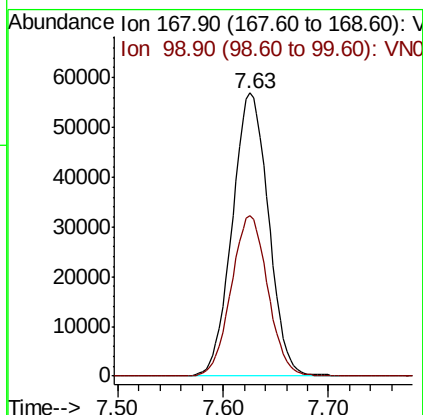
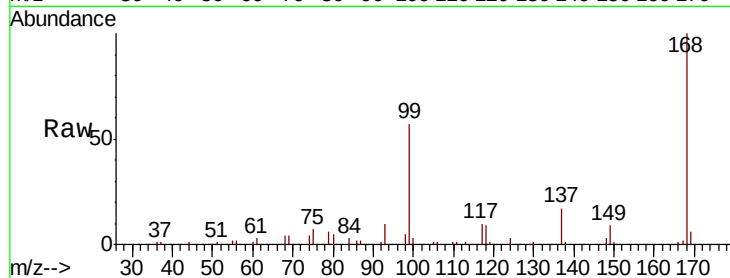




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN061902.D
Acq: 18 Jun 2020 16:03

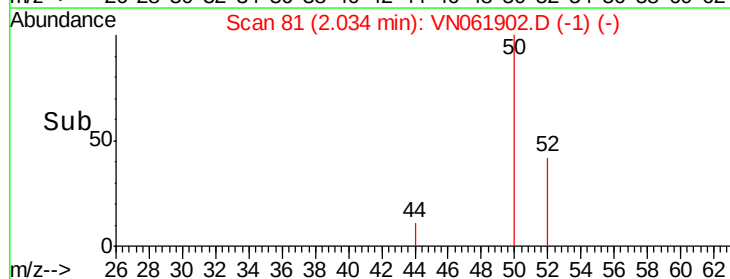
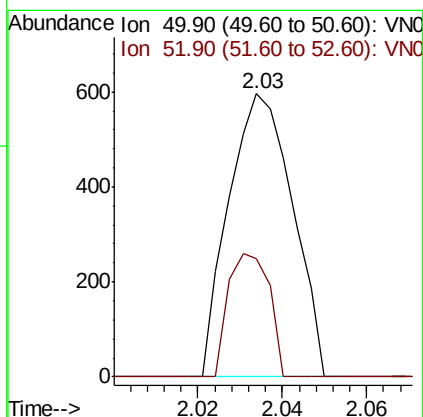
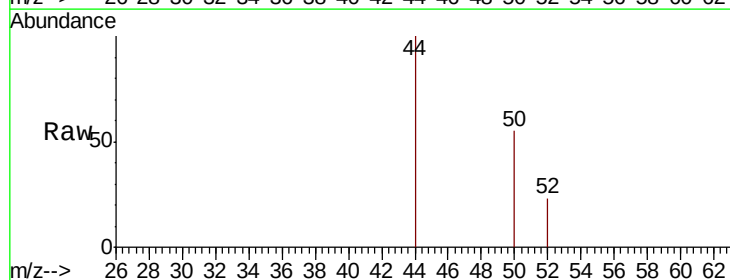
Instrument :
MSVOA_N
ClientSampleId :
RE-DUP04-20200612

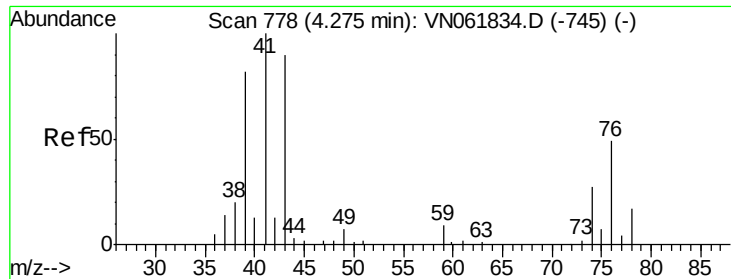
Tot Ion:168 Resp: 135845
Ion Ratio Lower Upper
168 100
99 56.8 44.6 67.0



#3
Chloromethane
Concen: 0.332 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061902.D
Acq: 18 Jun 2020 16:03

Tgt Ion: 50 Resp: 626
Ion Ratio Lower Upper
50 100
52 41.6 26.0 39.0#

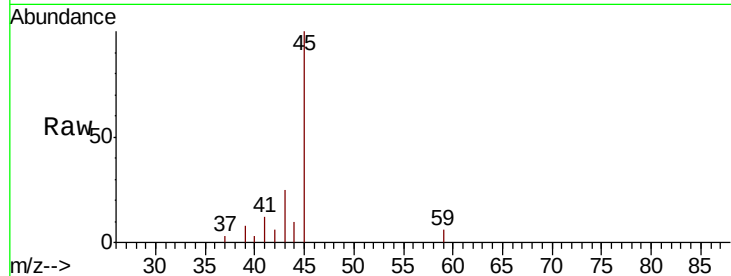




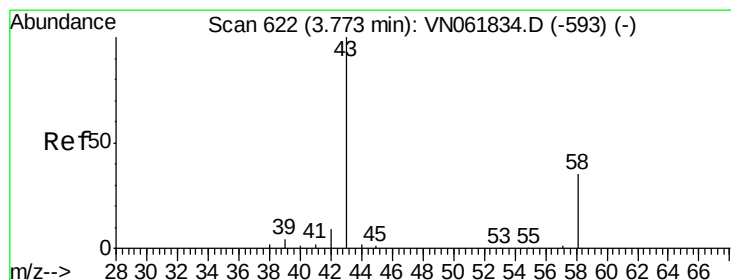
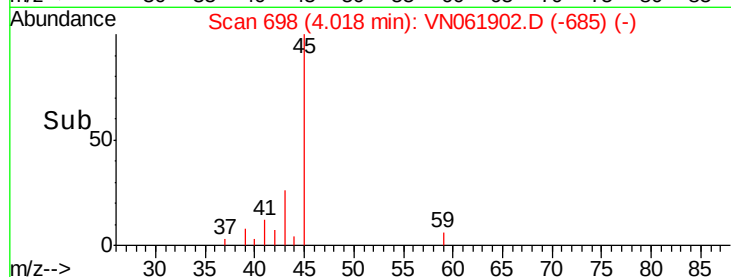
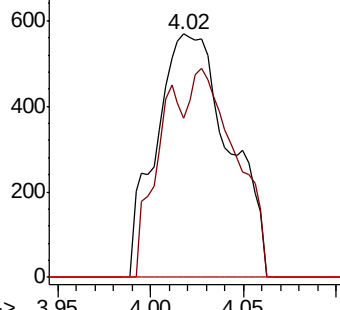
#14
Allvl chloride
Concen: 0.855 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.26 min
Lab File: VN061902.D
Acq: 18 Jun 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
RE-DUP04-20200612

Tot Ion: 41 Resp: 1567
Ion Ratio Lower Upper
41 100
39 31.1 60.2 90.2#
76 0.0 36.3 54.5#

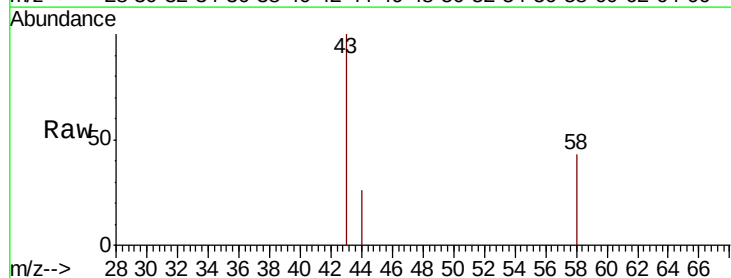


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

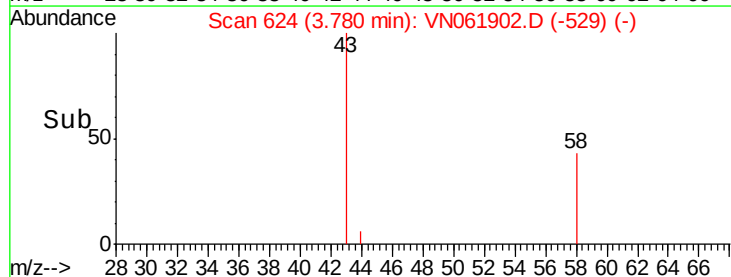
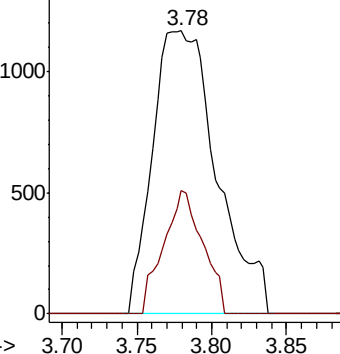


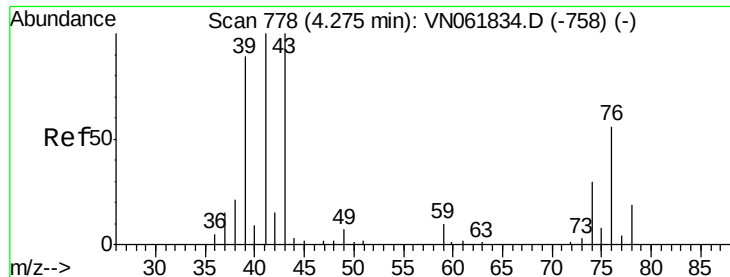
#16
Acetone
Concen: 6.519 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN061902.D
Acq: 18 Jun 2020 16:03

Tgt Ion: 43 Resp: 3508
Ion Ratio Lower Upper
43 100
58 43.4 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

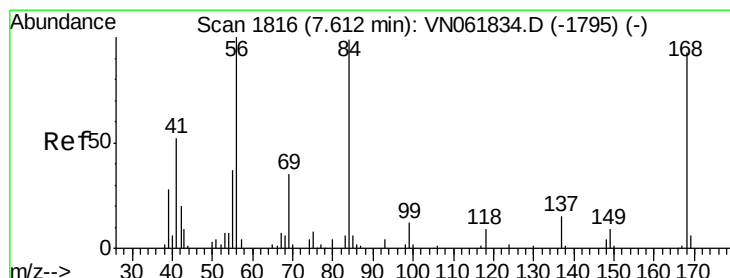
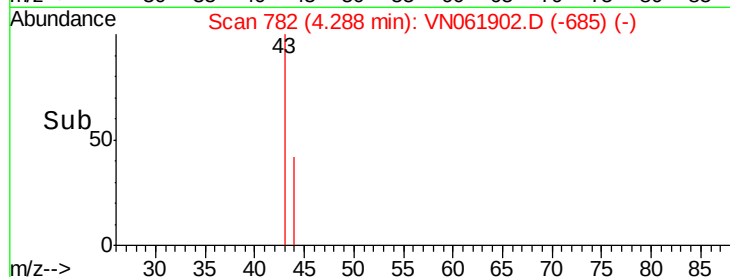
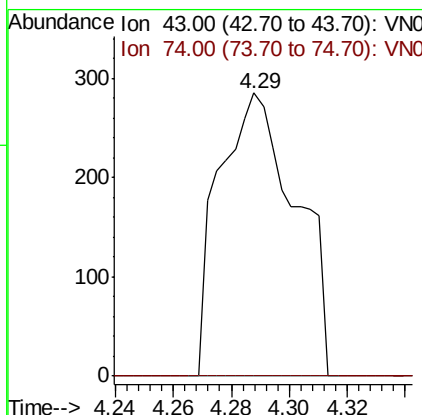
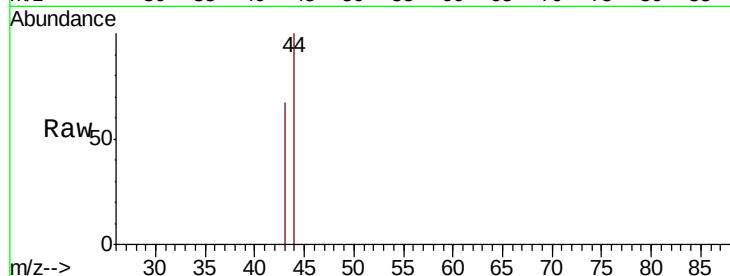




#18
Methvl Acetate
Concen: 0.340 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN061902.D
Acq: 18 Jun 2020 16:03

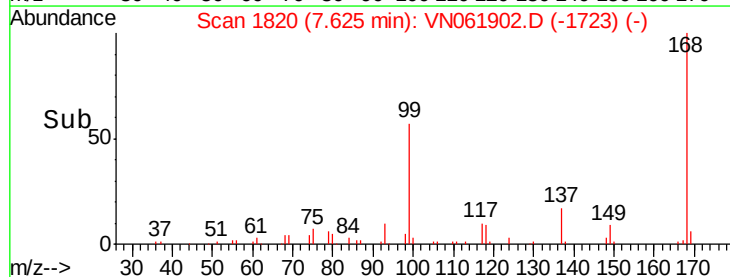
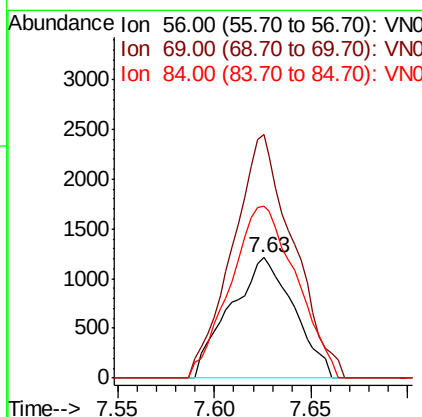
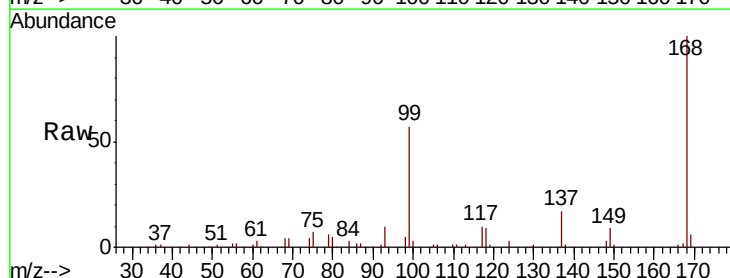
Instrument :
MSVOA_N
ClientSampleId :
RE-DUP04-20200612

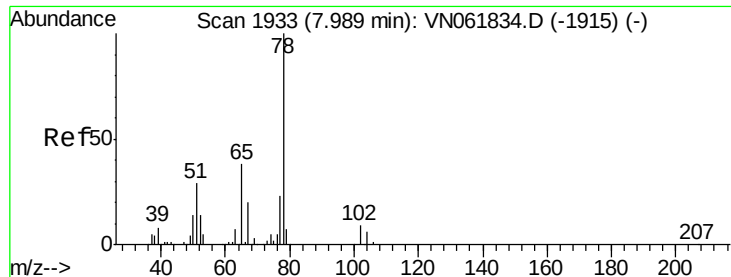
Tot Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061902.D
Acq: 18 Jun 2020 16:03

Tgt Ion: 56 Resp: 2771
Ion Ratio Lower Upper
56 100
69 202.4 27.7 41.5#
84 142.8 79.1 118.7#

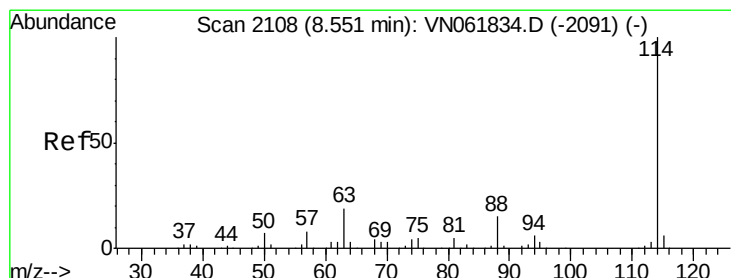
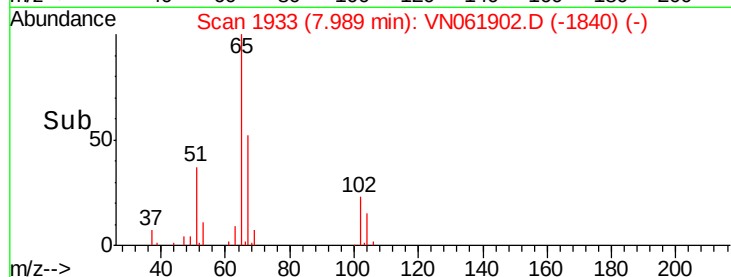
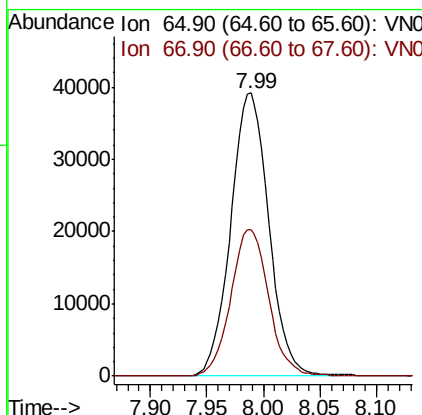
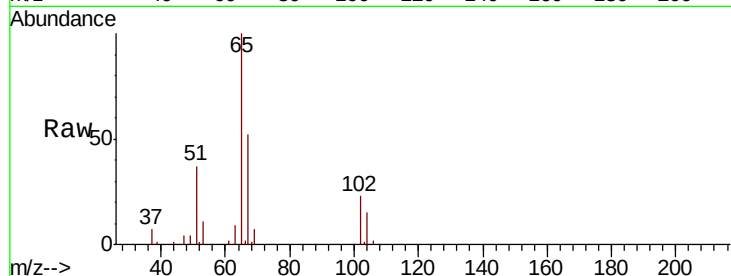




#33
 1,2-Dichloroethane-d4
 Concen: 50.306 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061902.D
 Acq: 18 Jun 2020 16:03

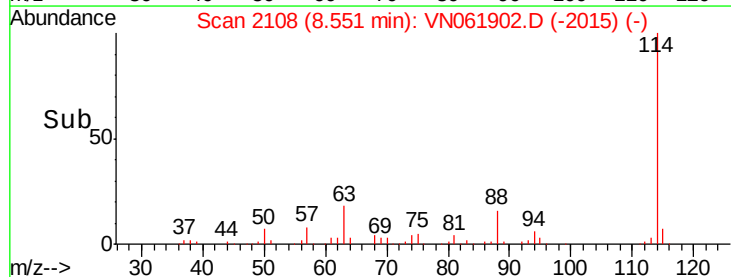
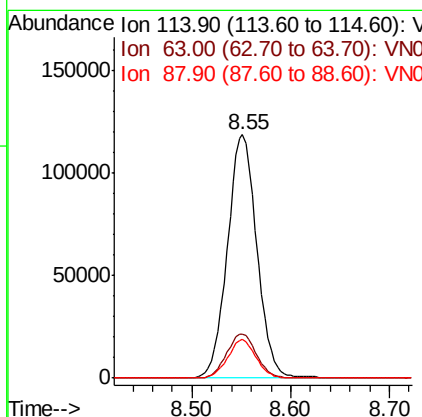
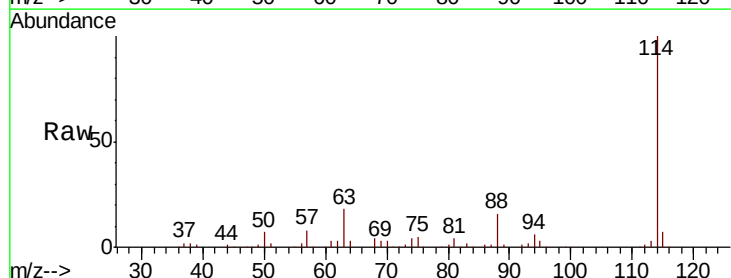
Instrument :
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 ClientSampleId :
 RE-DUP04-20200612

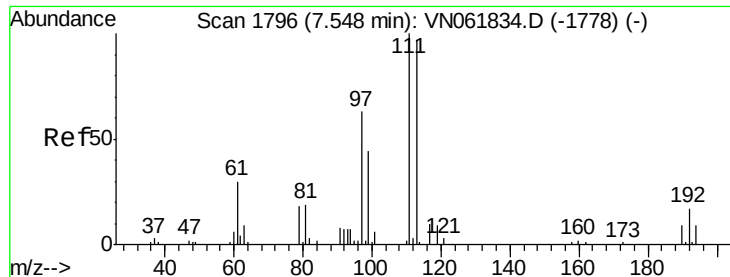
Tot Ion: 65 Resp: 91651
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061902.D
 Acq: 18 Jun 2020 16:03

Tgt Ion: 114 Resp: 248191
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.6
 88 15.7 0.0 31.0

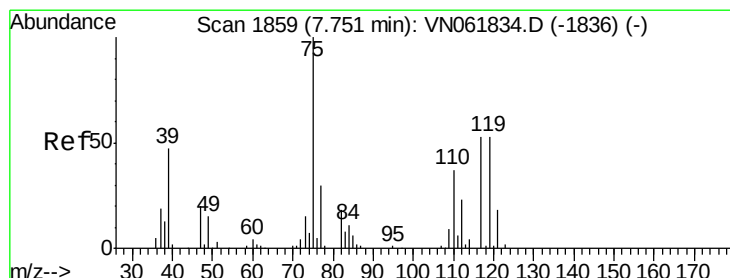
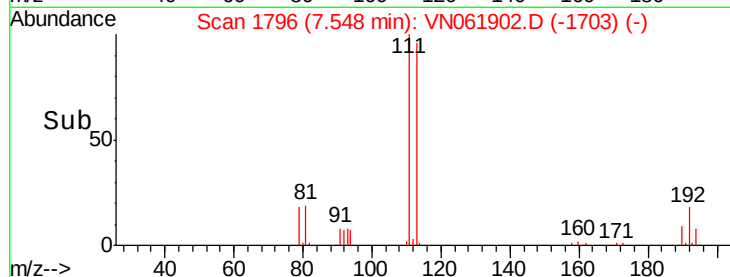
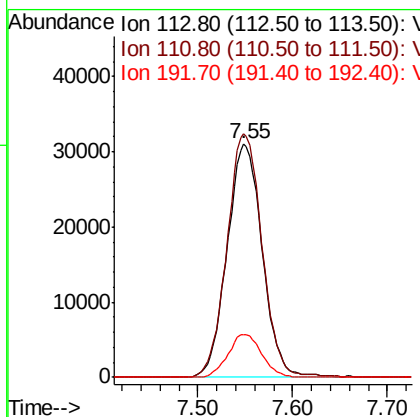
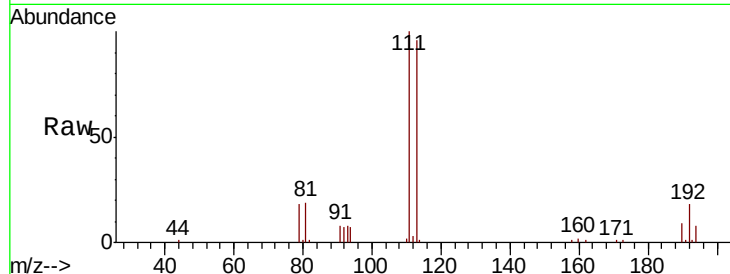




#35
 Dibromofluoromethane
 Concen: 50.470 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061902.D
 Acq: 18 Jun 2020 16:03

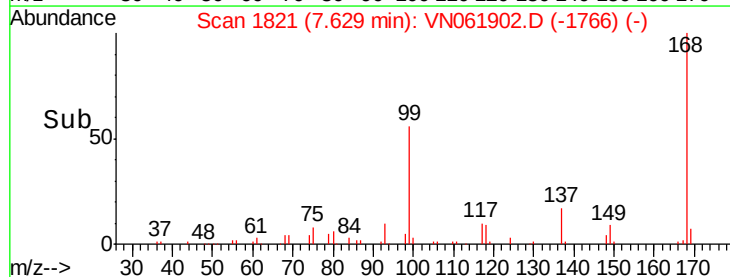
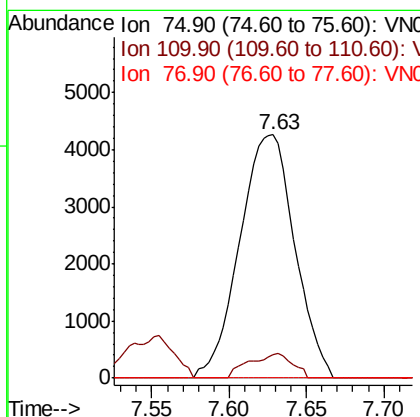
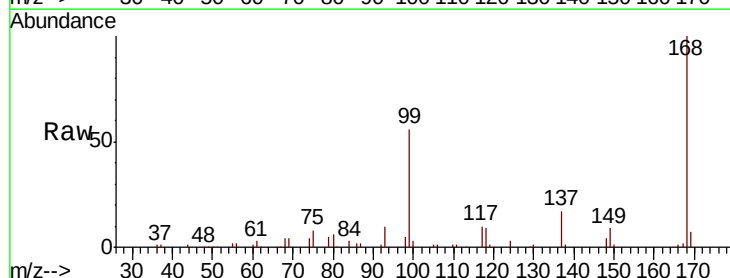
Instrument :
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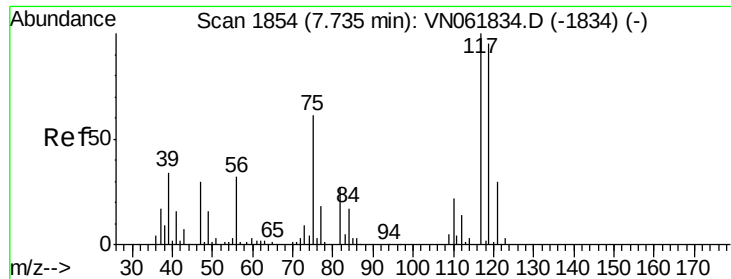
Tot Ion:113 Resp: 80136
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.7 125.5
 192 17.6 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN061902.D
 Acq: 18 Jun 2020 16:03

Tgt Ion: 75 Resp: 10523
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.2 54.6#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 5.877 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN061902.D

Acq: 18 Jun 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

RE-DUP04-20200612

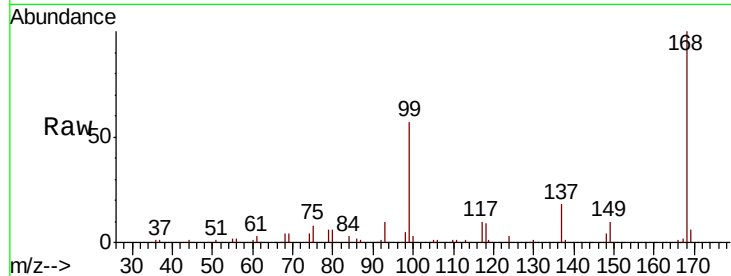
Tot Ion:117 Resp: 13174

Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

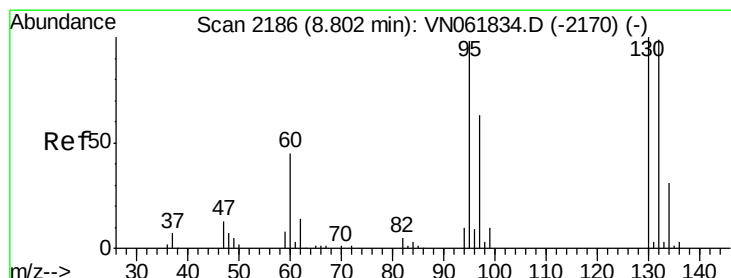
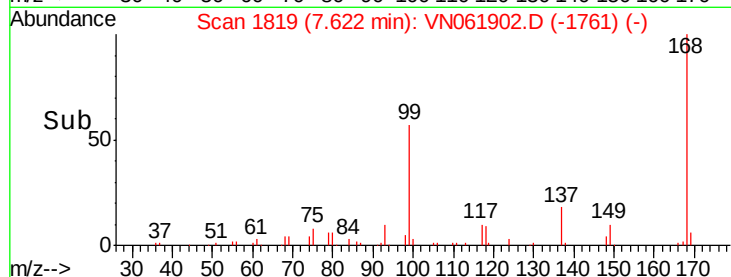
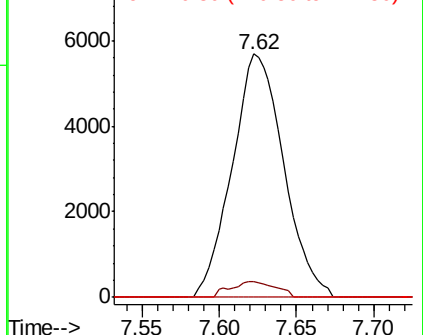
121 0.0 23.8 35.6#



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



#44

Trichloroethene

Concen: 8.519 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061902.D

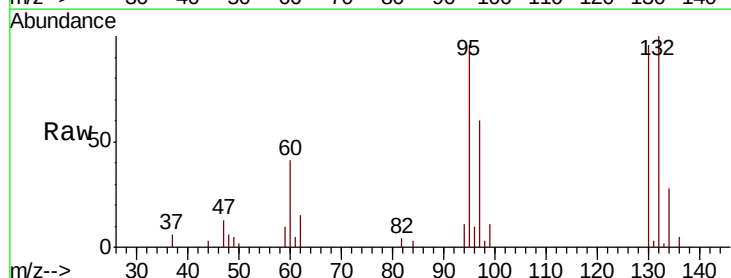
Acq: 18 Jun 2020 16:03

Tgt Ion:130 Resp: 15374

Ion Ratio Lower Upper

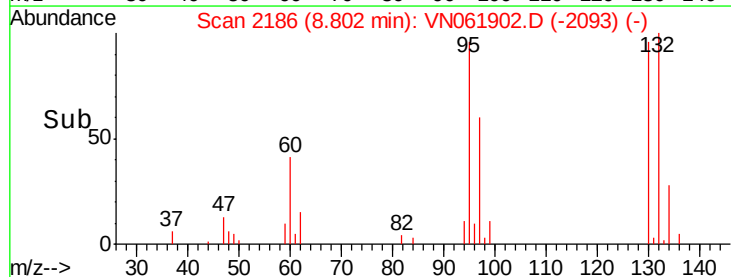
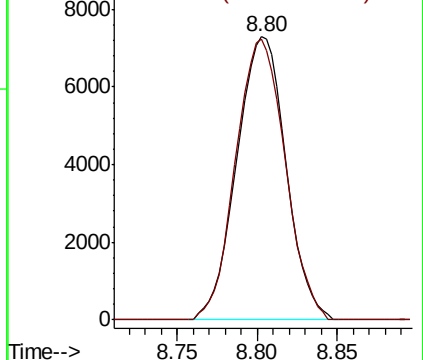
130 100

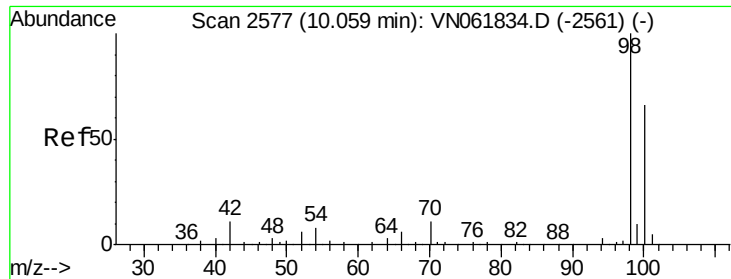
95 99.2 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 49.336 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061902.D

Acq: 18 Jun 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

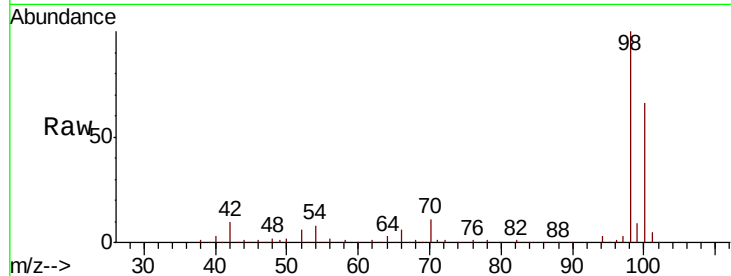
RE-DUP04-20200612

Tot Ion: 98 Resp: 307966

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

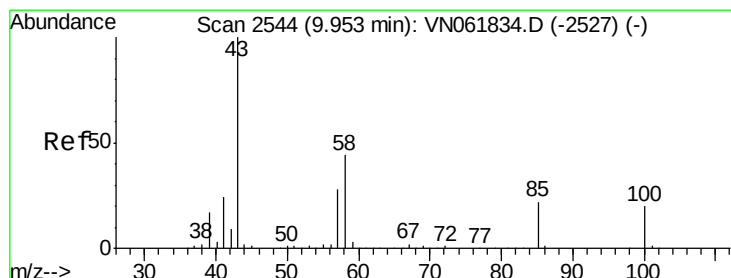
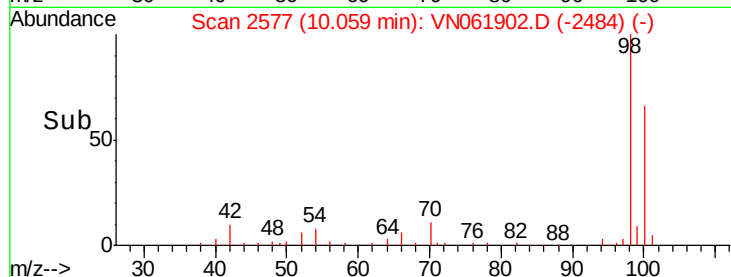
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.615 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061902.D

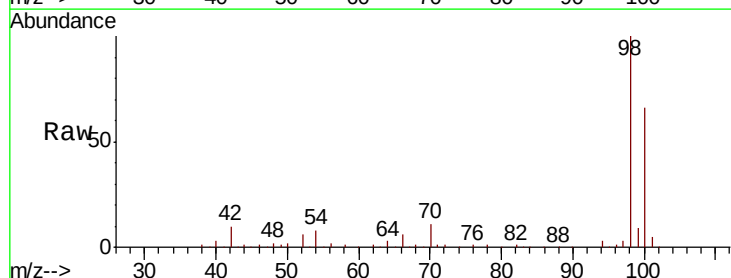
Acq: 18 Jun 2020 16:03

Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

43 100

58 201.1 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

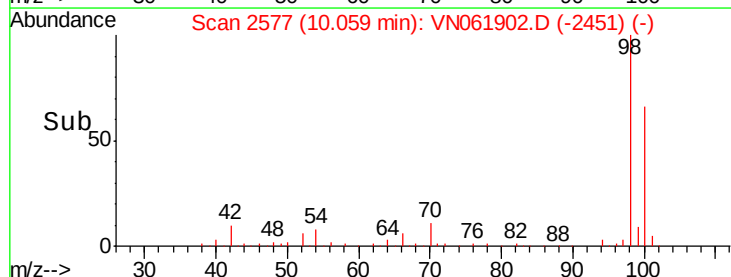
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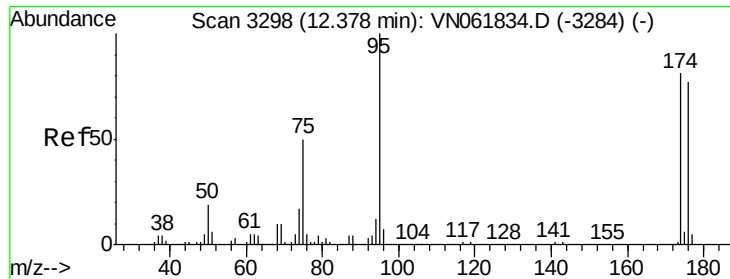
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.185 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061902.D

Acq: 18 Jun 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

RE-DUP04-20200612

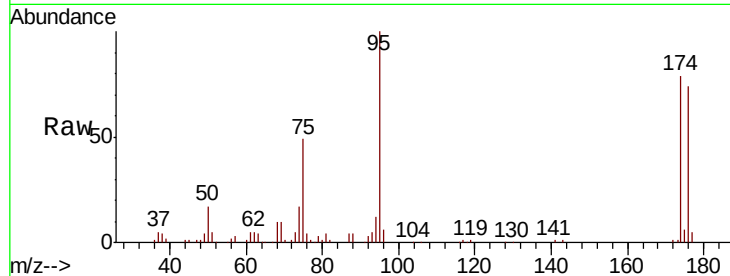
Tot Ion: 95 Resp: 101032

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.6

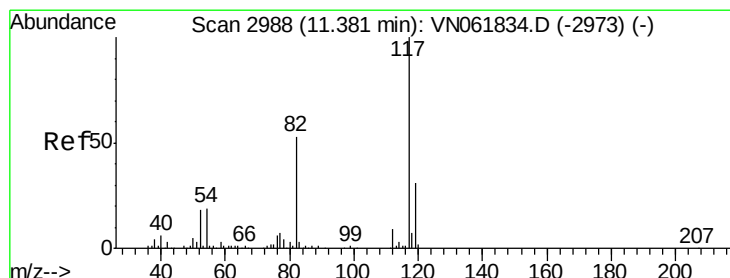
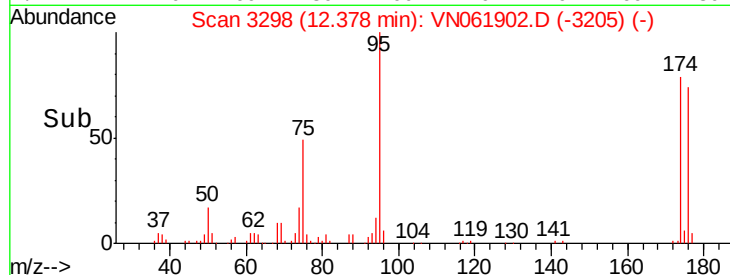
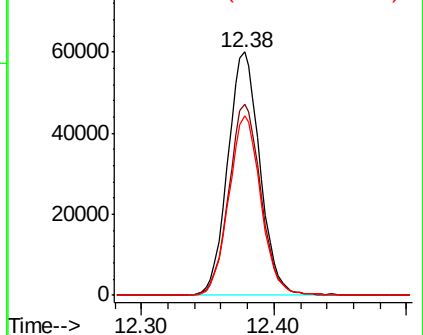
176 73.6 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061902.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061902.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061902.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061902.D

Acq: 18 Jun 2020 16:03

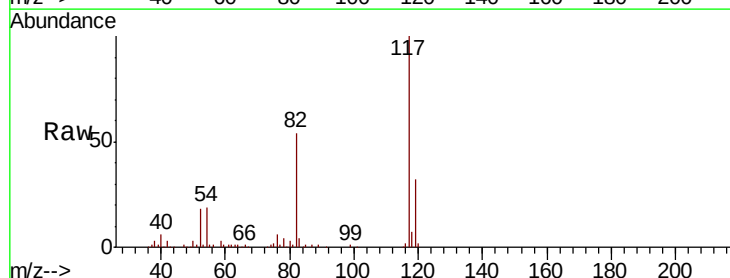
Tgt Ion: 117 Resp: 237986

Ion Ratio Lower Upper

117 100

82 53.5 42.6 64.0

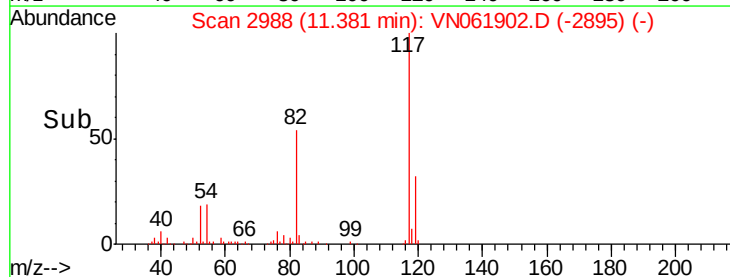
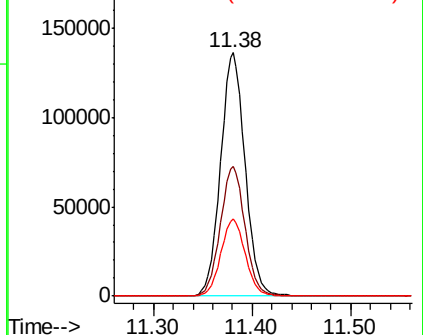
119 31.8 24.7 37.1

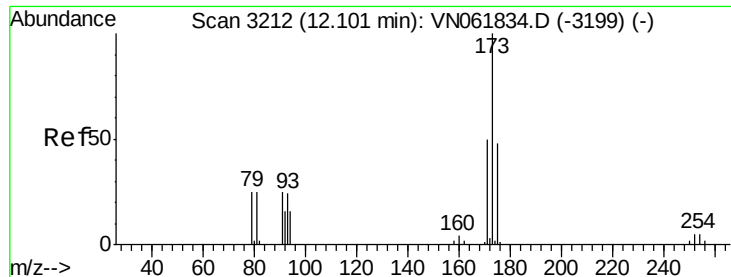


Abundance Ion 116.90 (116.60 to 117.60): VN061902.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061902.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061902.D (-2895) (-)





#71

Bromoform

Concen: 0.558 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061902.D

Acq: 18 Jun 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

RE-DUP04-20200612

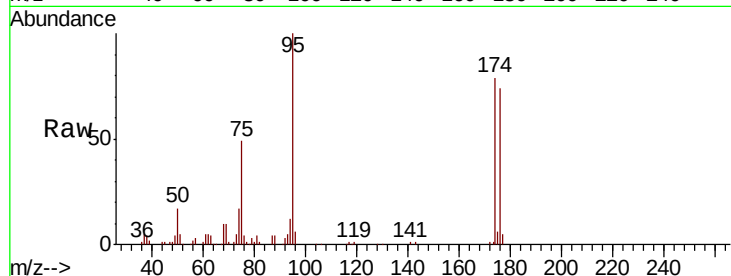
Tot Ion:173 Resp: 713

Ion Ratio Lower Upper

173 100

175 699.3 23.9 71.7#

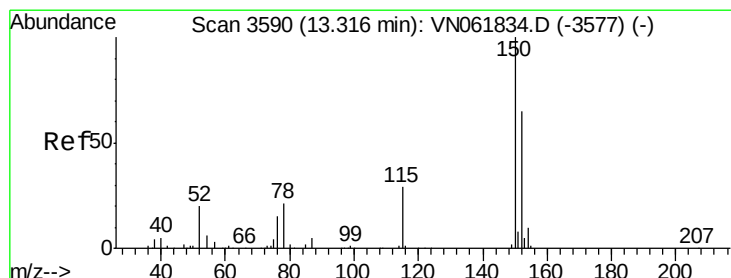
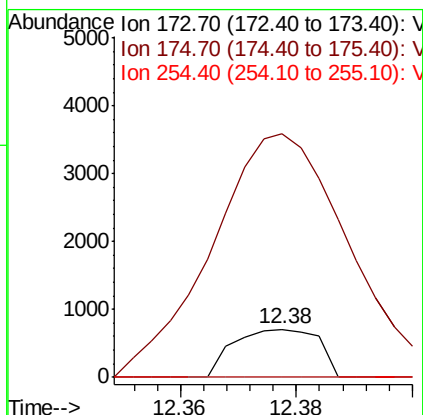
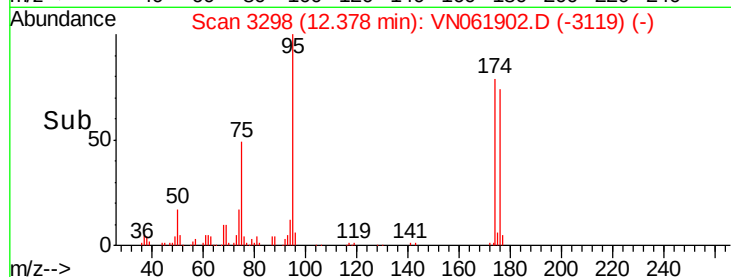
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061902.D

Acq: 18 Jun 2020 16:03

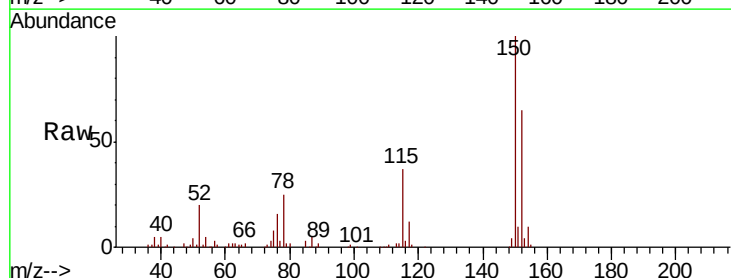
Tgt Ion:152 Resp: 89987

Ion Ratio Lower Upper

152 100

115 58.6 29.1 87.3

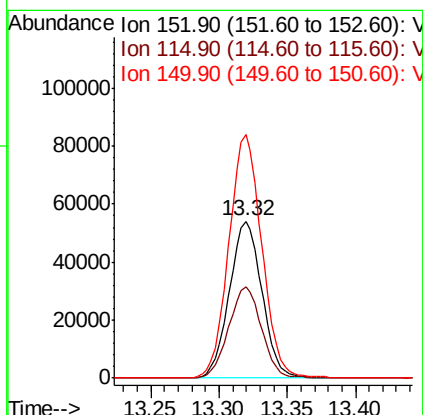
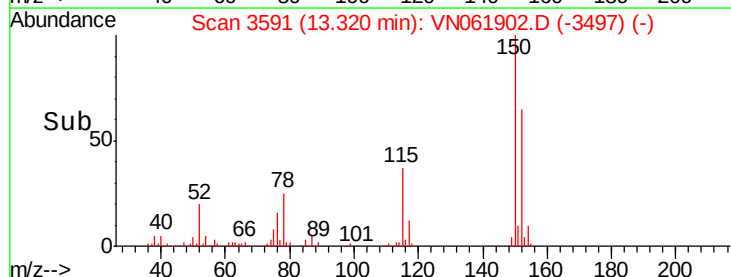
150 156.6 0.0 347.6

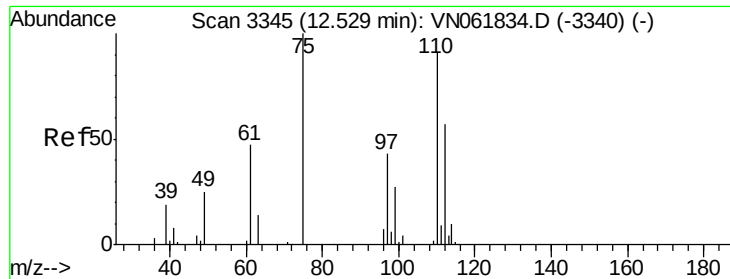


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

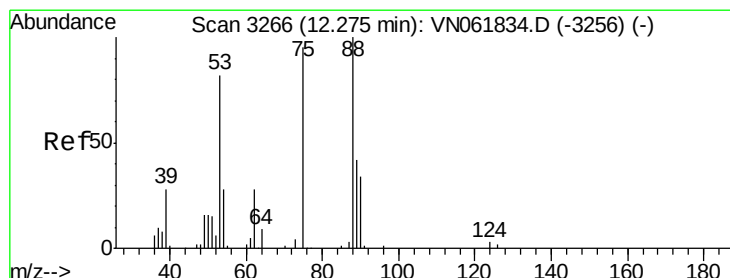
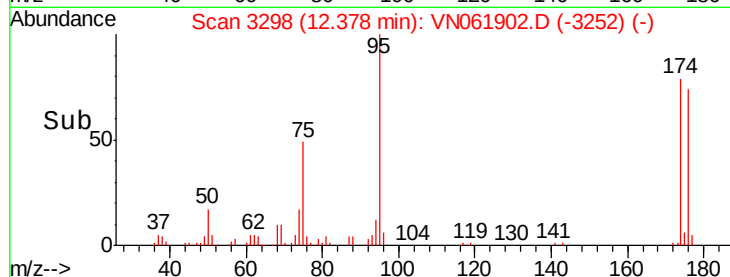
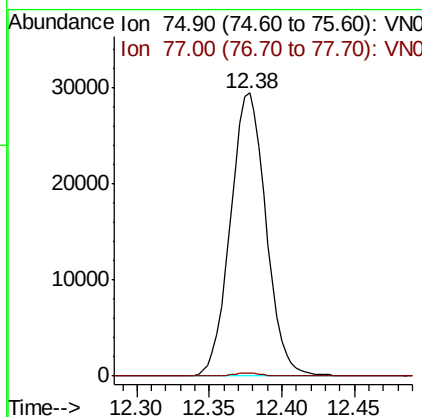
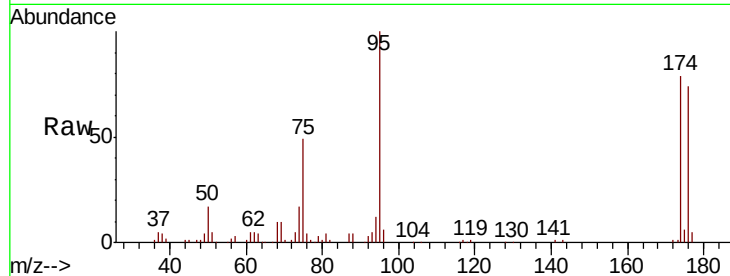




#76
 1,2,3-Trichloropropane
 Concen: 28.424 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN061902.D
 Acq: 18 Jun 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 RE-DUP04-20200612

Tot Ion: 75 Resp: 50215
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.523 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061902.D
 Acq: 18 Jun 2020 16:03

Tgt Ion: 75 Resp: 50215
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 36.0 54.0#

