

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061856.D
 Acq On : 17 Jun 2020 18:15
 Operator : JC/MD
 Sample : L3041-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAD-RINSE

Quant Time: Jun 18 03:56:07 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

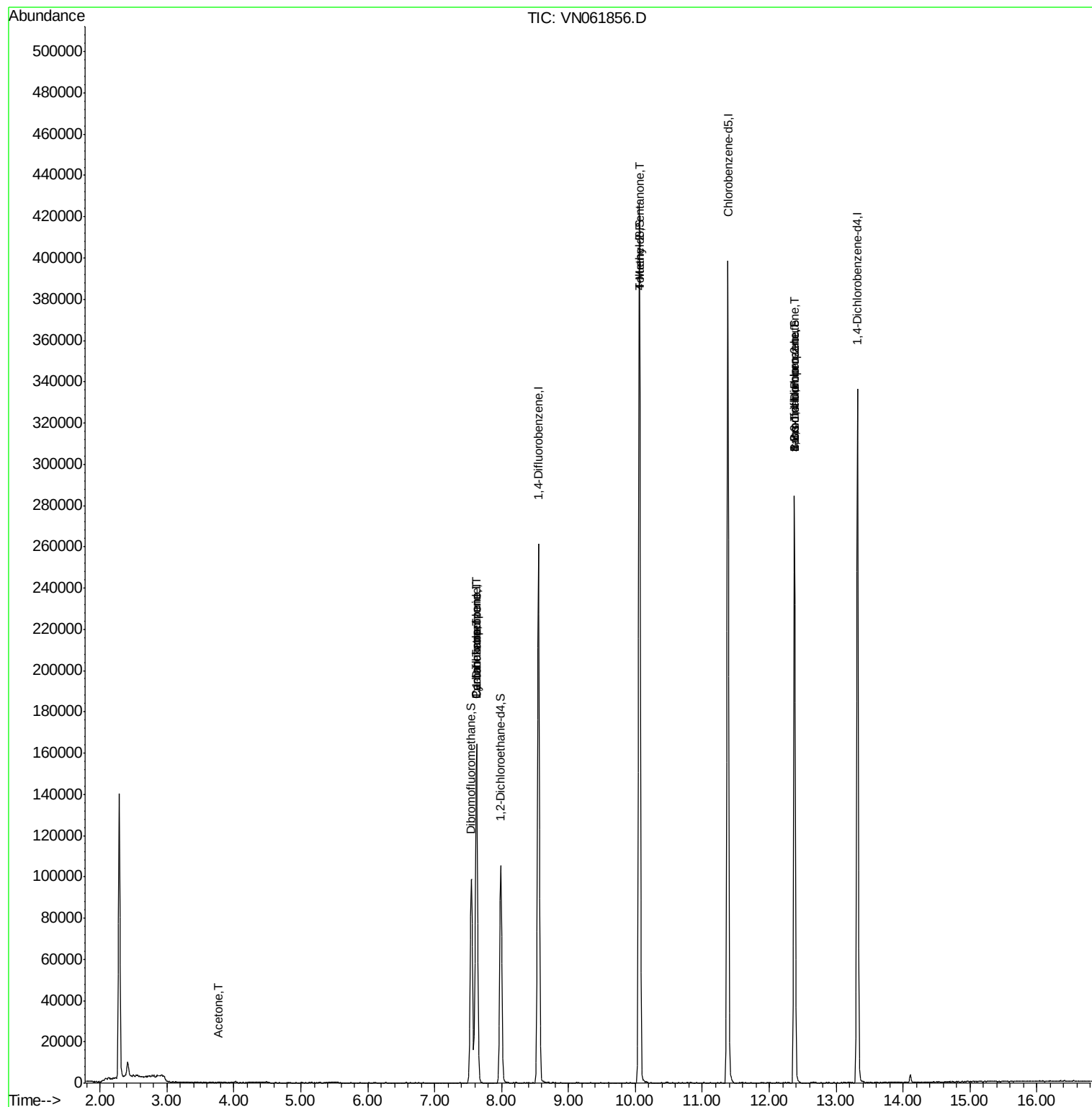
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	131809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88874	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.55	113	77524	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	10.06	98	303072	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.38	95	100364	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
					Qvalue	
16) Acetone	3.77	43	287	0.550	ug/l #	40
31) Cyclohexane	7.63	56	2849	1.223	ug/l #	11
36) 1,1-Dichloropropene	7.63	75	10036	4.515	ug/l #	48
38) Carbon Tetrachloride	7.63	117	13205	5.999	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1175	0.680	ug/l #	1
71) Bromoform	12.38	173	881	0.698	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	49865	27.474	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49865	74.932	ug/l #	14

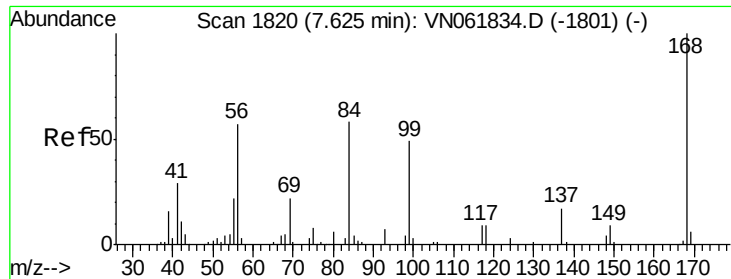
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061856.D

Acq: 17 Jun 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

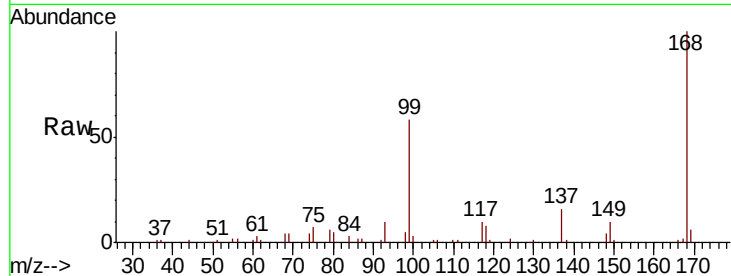
PAD-RINSE

Tot Ion:168 Resp: 131809

Ion Ratio Lower Upper

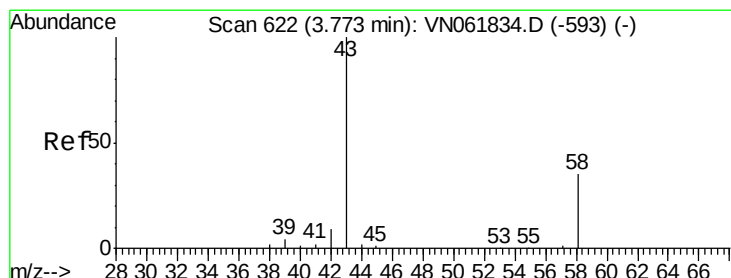
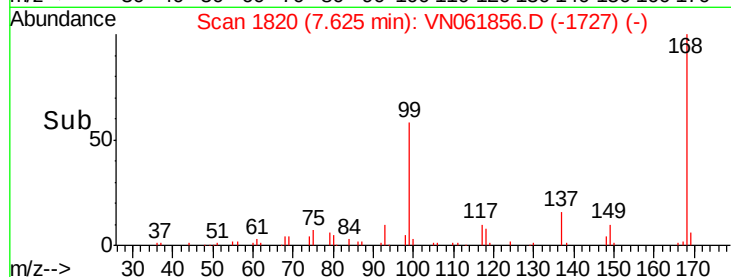
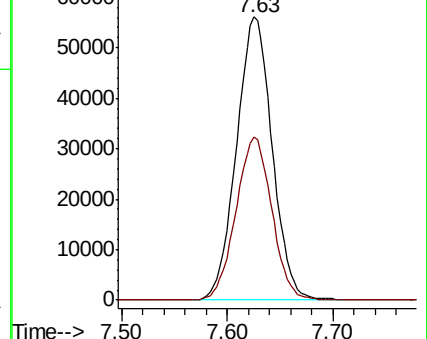
168 100

99 57.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 0.550 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061856.D

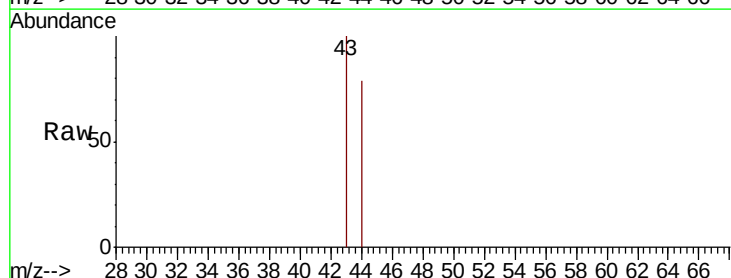
Acq: 17 Jun 2020 18:15

Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

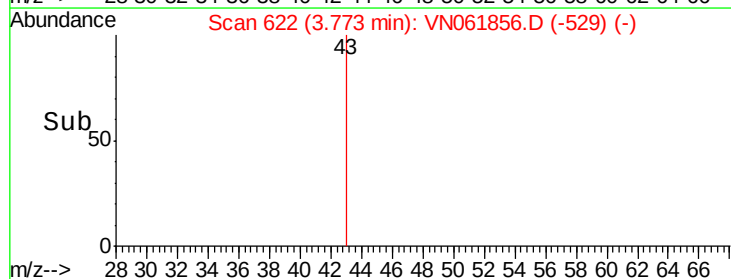
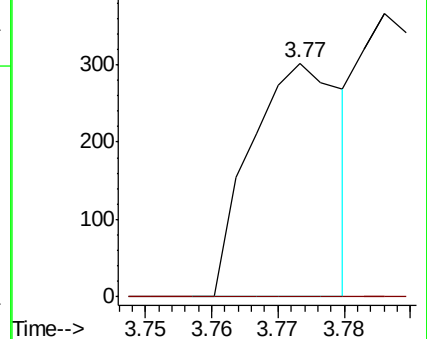
43 100

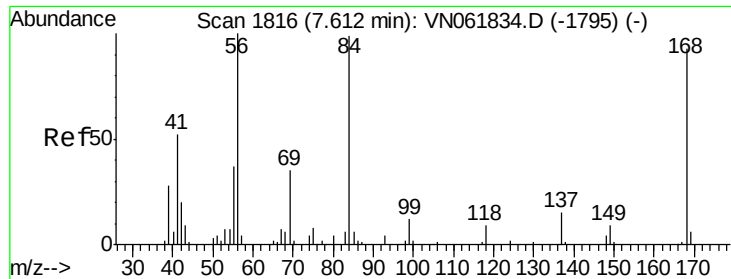
58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

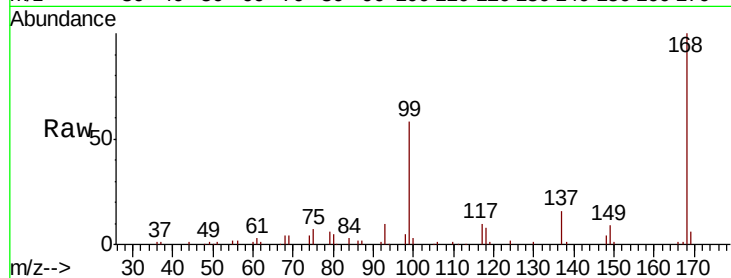




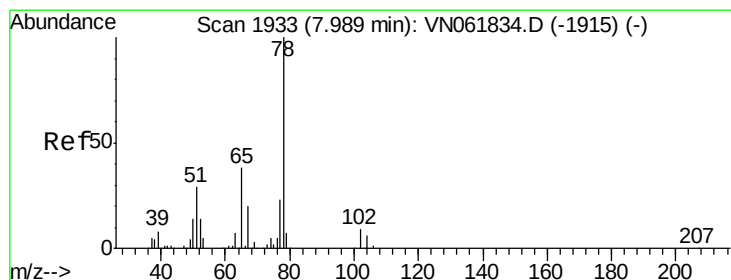
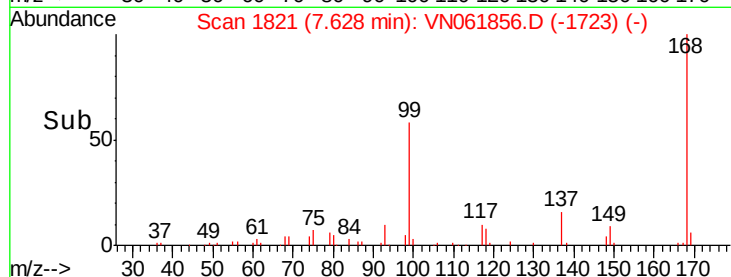
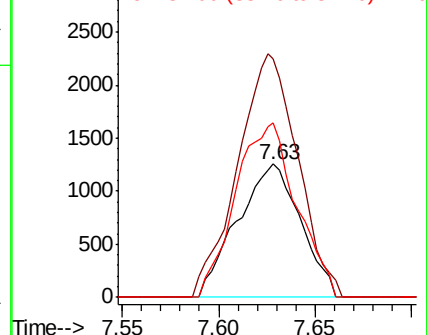
#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN061856.D
Acq: 17 Jun 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
PAD-RINSE

Tot Ion: 56 Resp: 2849
Ion Ratio Lower Upper
56 100
69 179.1 27.7 41.5#
84 131.2 79.1 118.7#

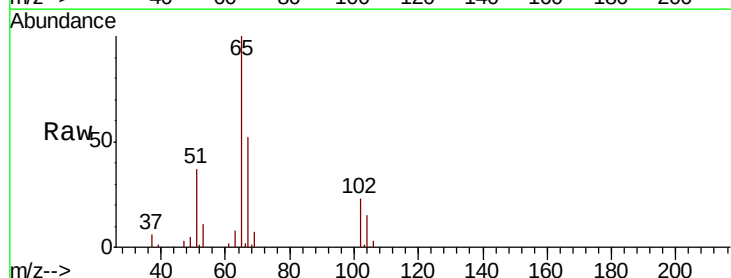


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

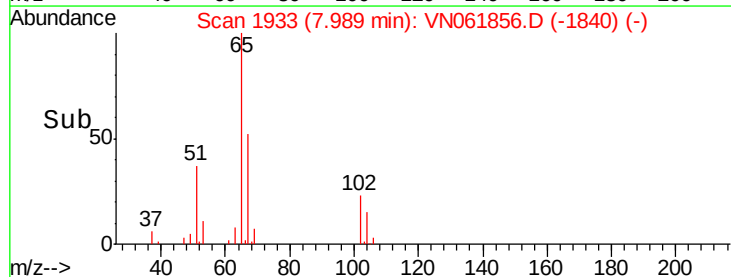
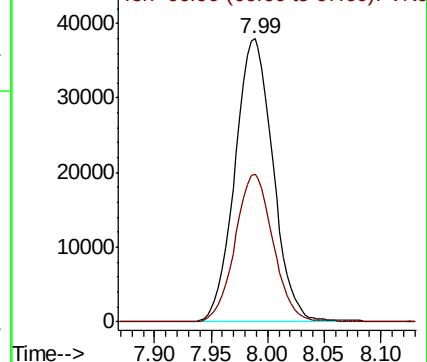


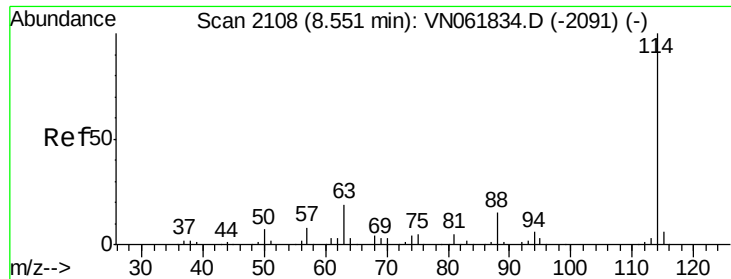
#33
1,2-Dichloroethane-d4
Concen: 50.275 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061856.D
Acq: 17 Jun 2020 18:15

Tgt Ion: 65 Resp: 88874
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061856.D

Acq: 17 Jun 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

PAD-RINSE

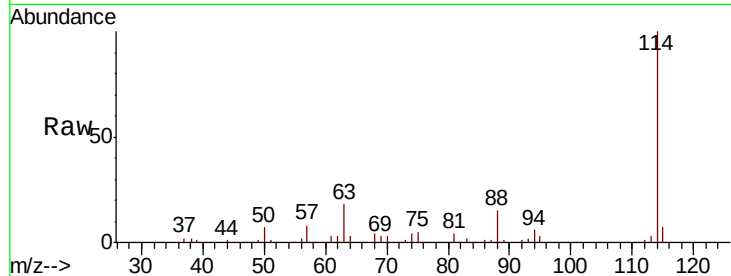
Tot Ion:114 Resp: 243686

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.6

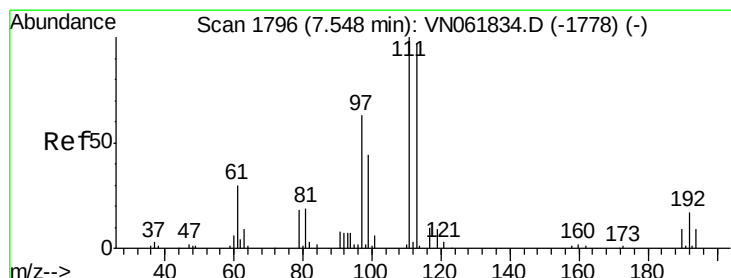
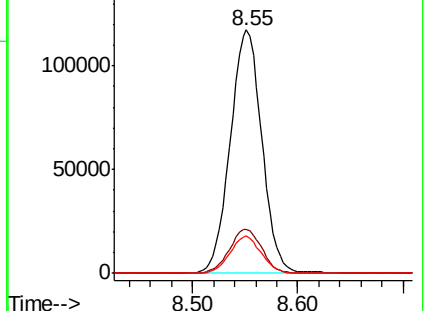
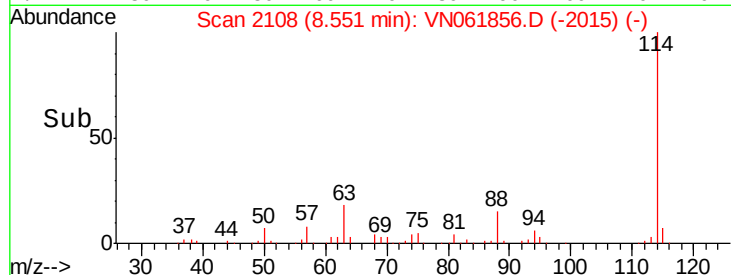
88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.728 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061856.D

Acq: 17 Jun 2020 18:15

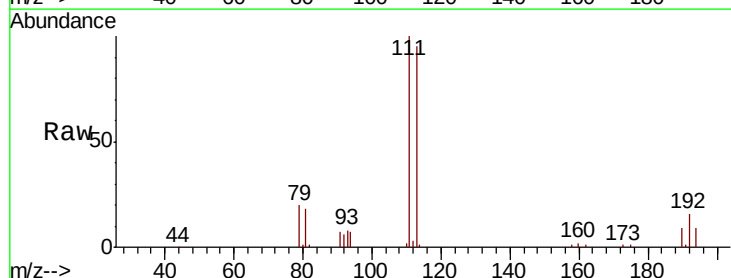
Tgt Ion:113 Resp: 77524

Ion Ratio Lower Upper

113 100

111 103.2 83.7 125.5

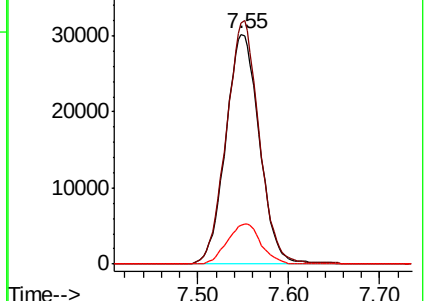
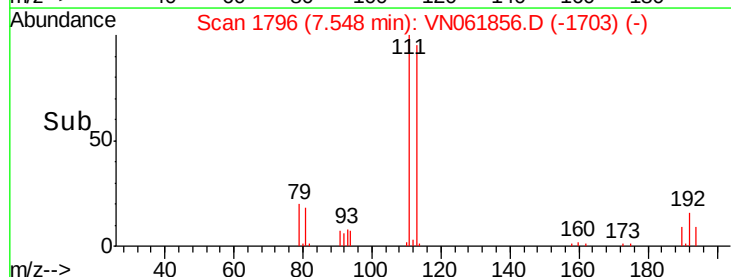
192 17.4 13.9 20.9

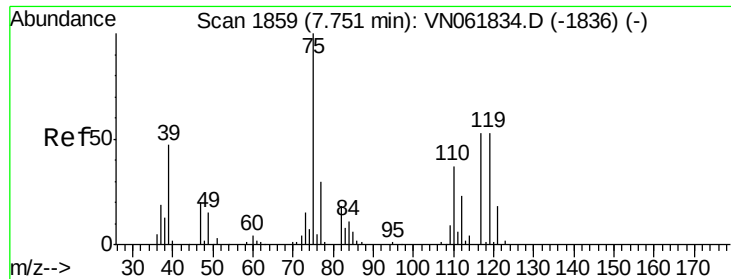


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

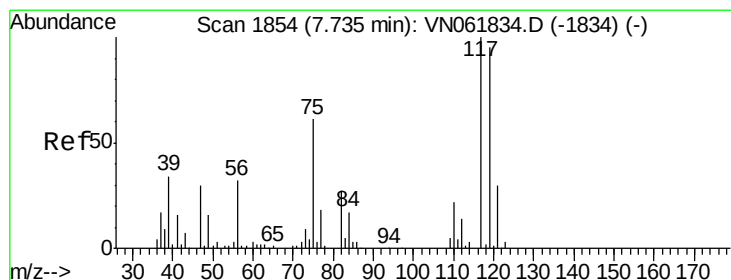
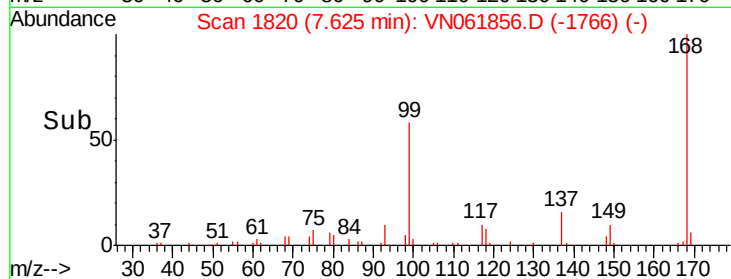
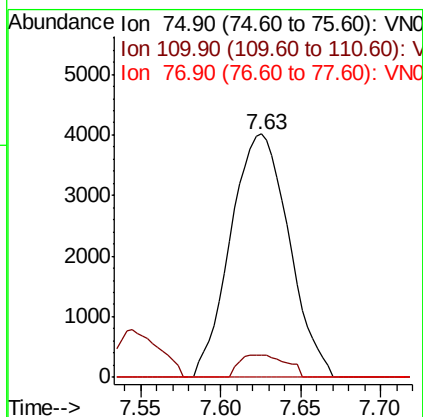
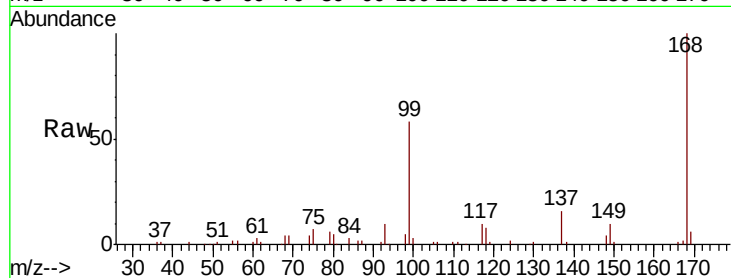




#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061856.D
 Acq: 17 Jun 2020 18:15

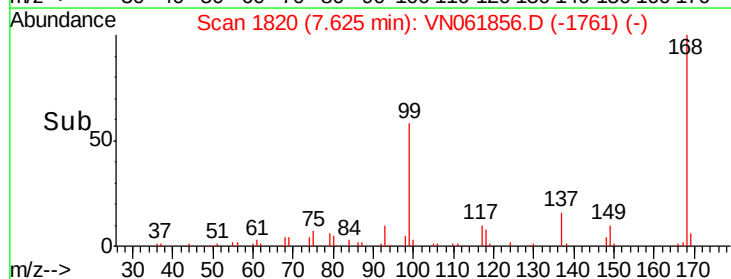
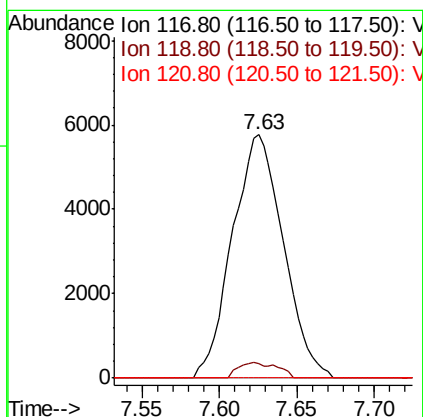
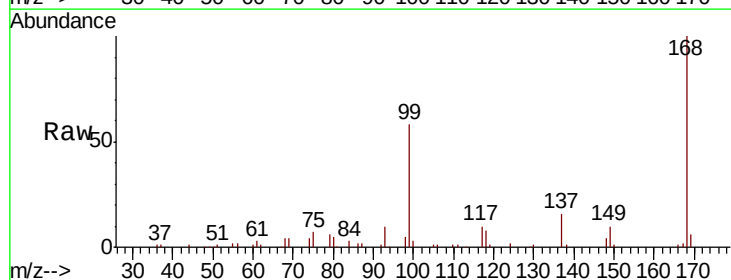
Instrument :
 MSVOA_N
 ClientSampled :
 PAD-RINSE

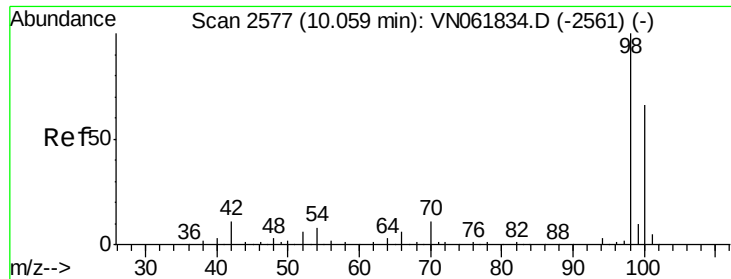
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.2	54.6#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 5.999 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061856.D
 Acq: 17 Jun 2020 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.8	113.6#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 49.449 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061856.D

Acq: 17 Jun 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

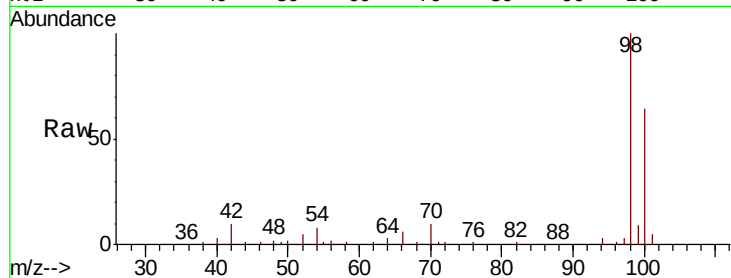
PAD-RINSE

Tot Ion: 98 Resp: 303072

Ion Ratio Lower Upper

98 100

100 65.4 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

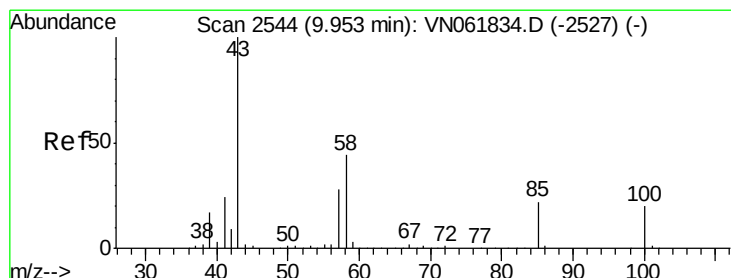
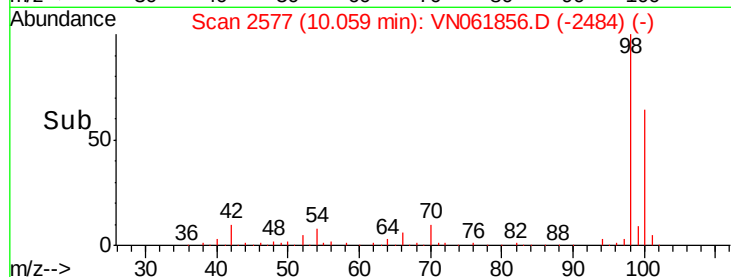
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.680 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061856.D

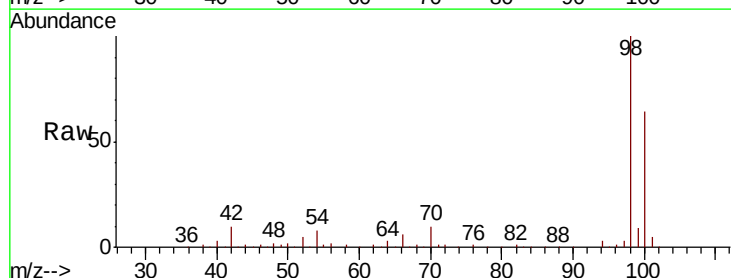
Acq: 17 Jun 2020 18:15

Tgt Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

58 182.0 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) (-)

10.06

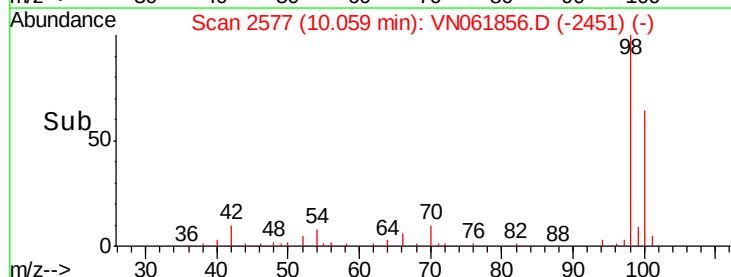
1500

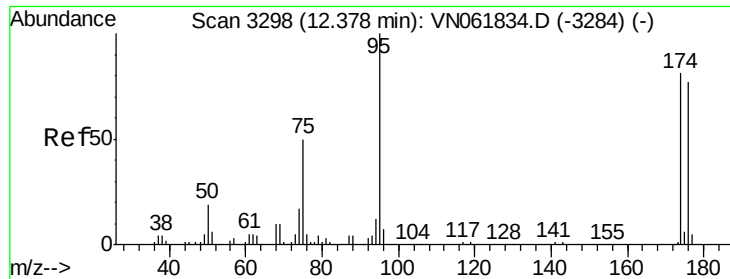
1000

500

0

Time-->

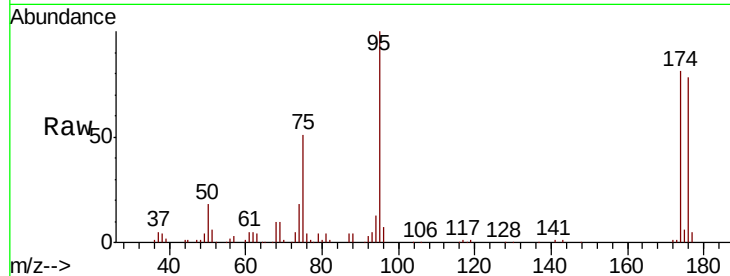




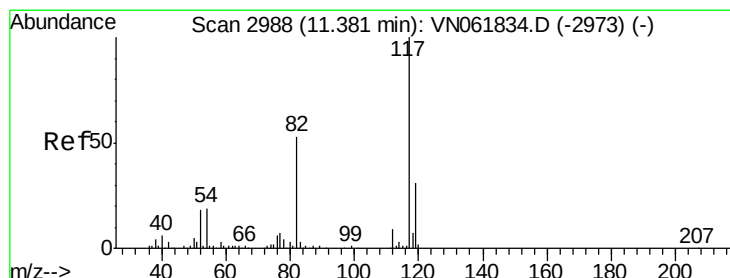
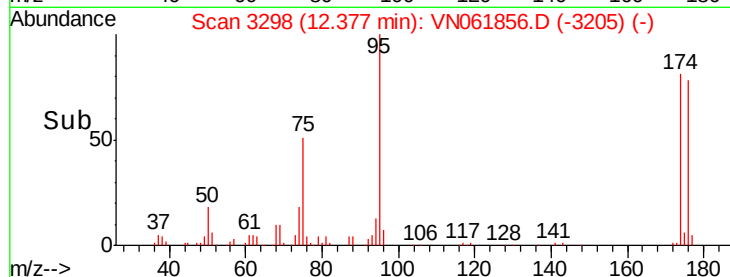
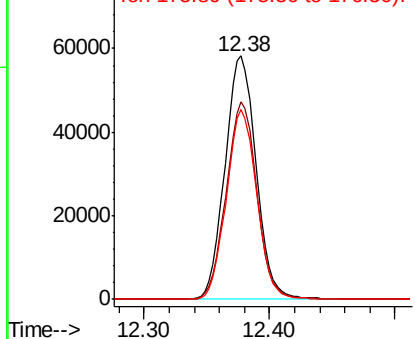
#62
 4-Bromofluorobenzene
 Concen: 47.739 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061856.D
 Acq: 17 Jun 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PAD-RINSE

Tot Ion: 95 Resp: 100364
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 158.6
 176 75.9 0.0 152.0

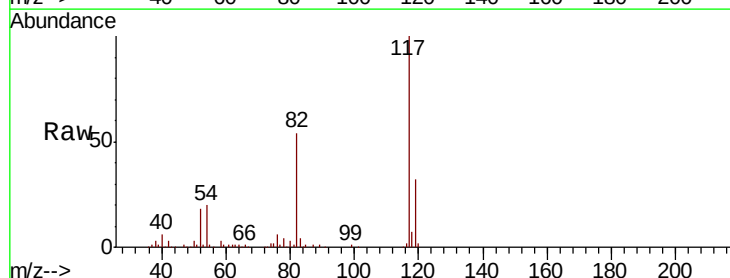


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
 Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
 Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

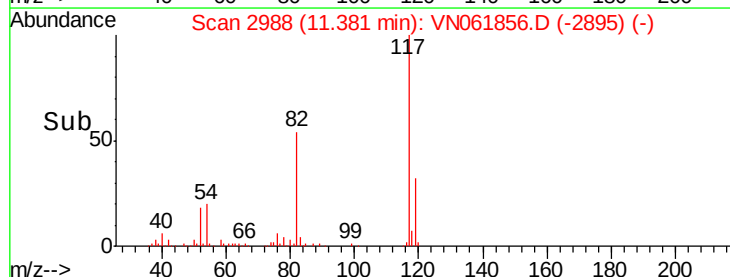
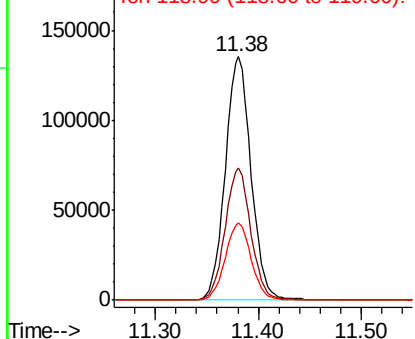


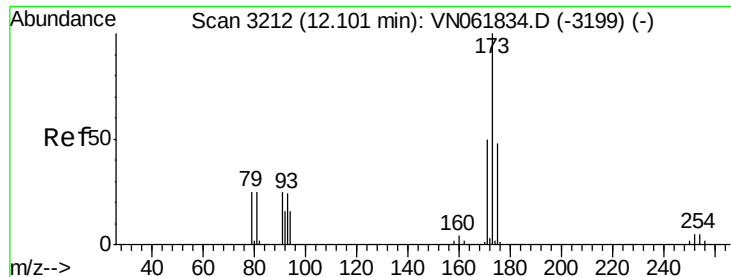
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061856.D
 Acq: 17 Jun 2020 18:15

Tgt Ion: 117 Resp: 235265
 Ion Ratio Lower Upper
 117 100
 82 54.4 42.6 64.0
 119 31.8 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
 Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
 Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#71

Bromoform

Concen: 0.698 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061856.D

Acq: 17 Jun 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

PAD-RINSE

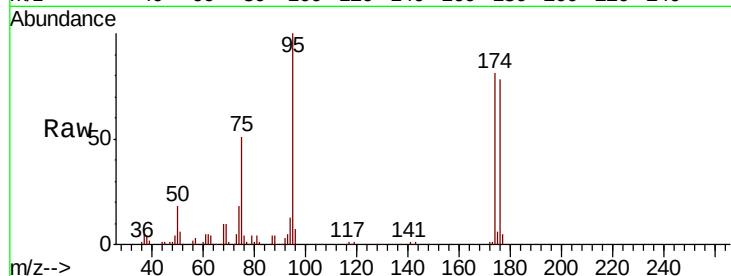
Tot Ion:173 Resp: 881

Ion Ratio Lower Upper

173 100

175 583.7 23.9 71.7#

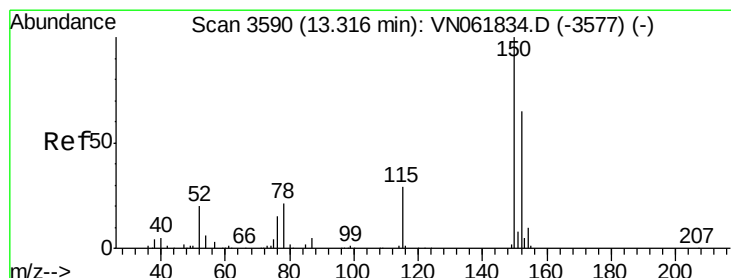
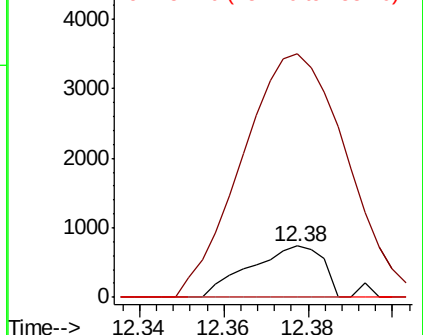
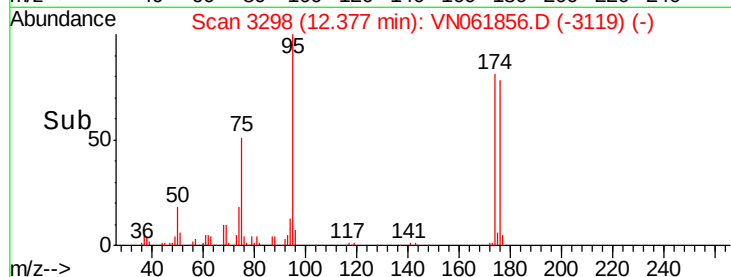
254 0.0 0.0 0.0



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: VN061856.D

Acq: 17 Jun 2020 18:15

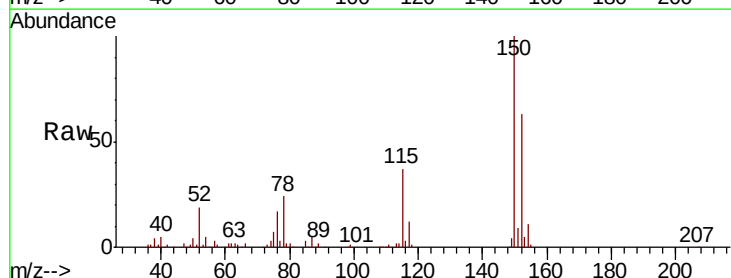
Tgt Ion:152 Resp: 92449

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

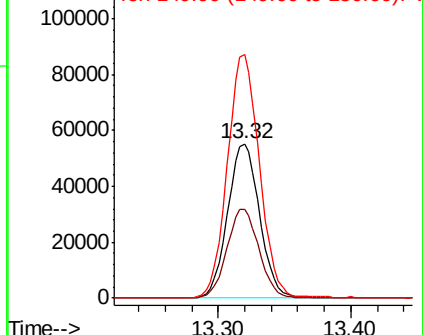
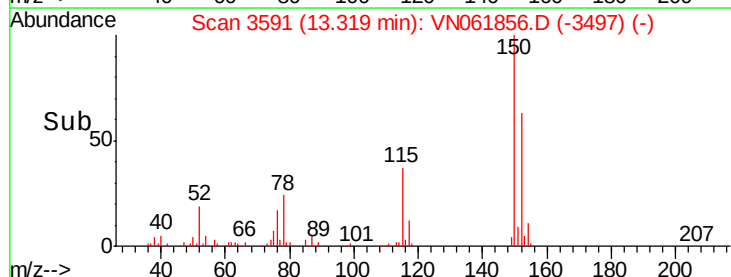
150 158.4 0.0 347.6

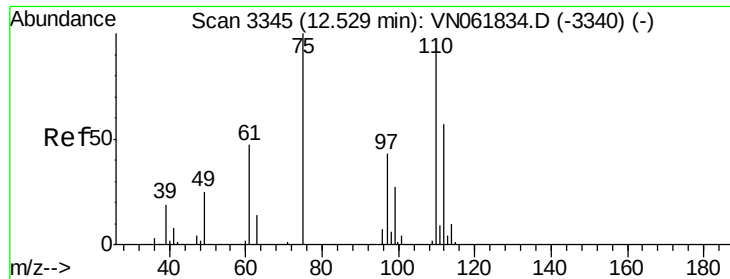


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.474 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061856.D

Acq: 17 Jun 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

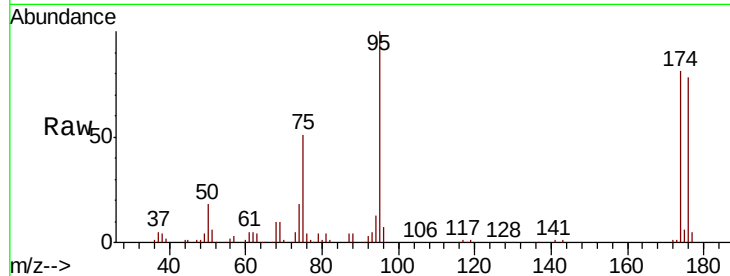
PAD-RINSE

Tot Ion: 75 Resp: 49865

Ion Ratio Lower Upper

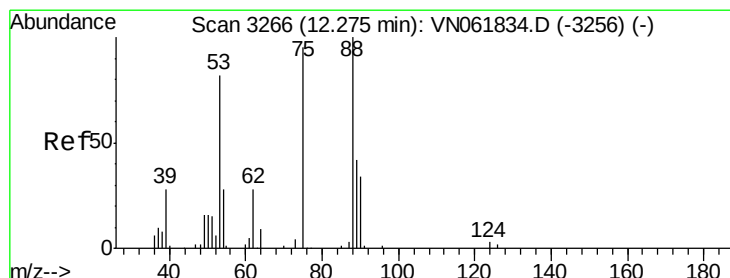
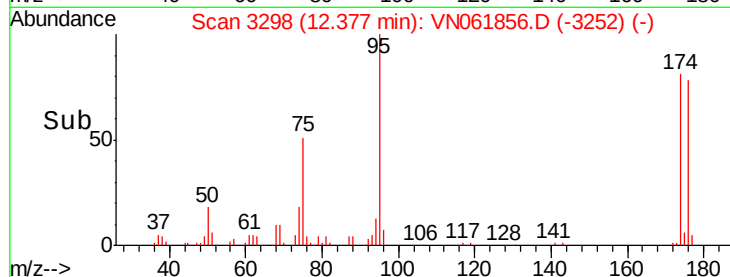
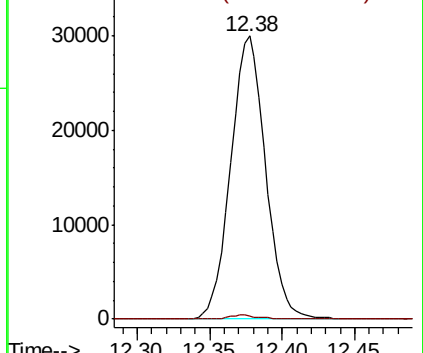
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061856.D (-3298) (-)

Ion 77.00 (76.70 to 77.70): VN061856.D (-3298) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 74.932 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061856.D

Acq: 17 Jun 2020 18:15

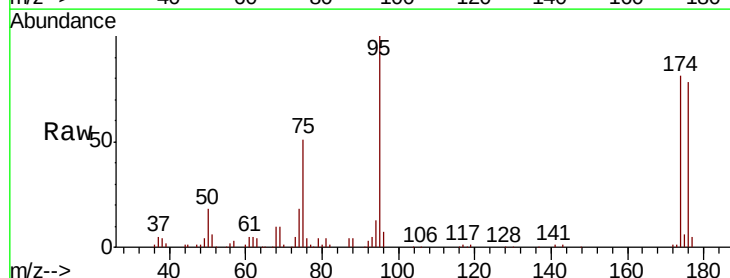
Tgt Ion: 75 Resp: 49865

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061856.D (-3298) (-)

Ion 53.00 (52.70 to 53.70): VN061856.D (-3298) (-)

Ion 88.90 (88.60 to 89.60): VN061856.D (-3298) (-)

