

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063142.D
 Acq On : 26 Aug 2020 18:59
 Operator : JC/MD
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Aug 27 00:56:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	152822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118246	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	96364	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	
35) Dibromofluoromethane	7.55	113	83348	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	10.06	98	317238	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	118019	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	

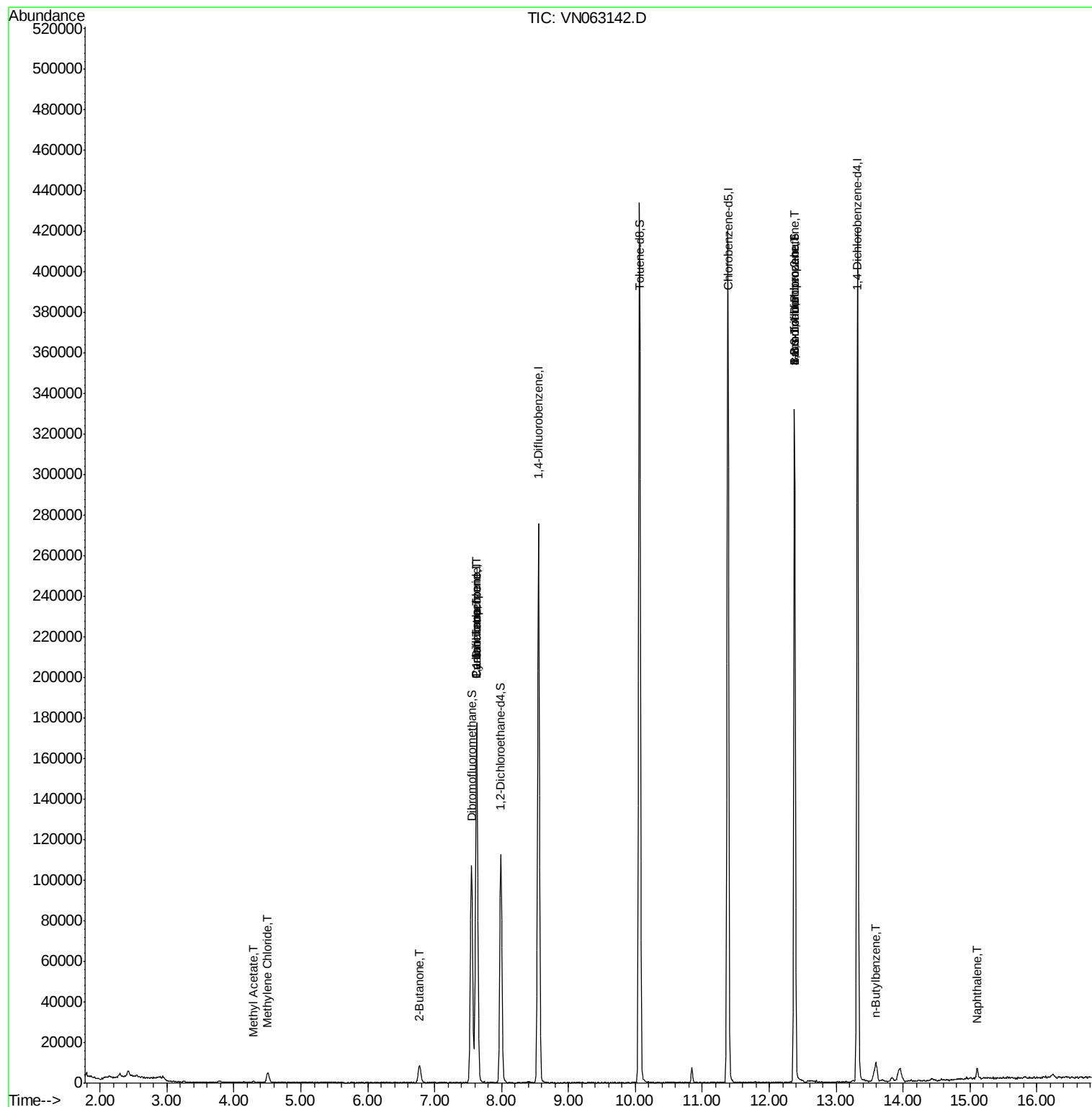
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1207	Below Cal	#	40
18) Methyl Acetate	4.30	43	629	0.349	ug/l #	52
20) Methylene Chloride	4.50	84	3746	1.038	ug/l	95
25) 2-Butanone	6.77	43	228	0.237	ug/l #	48
31) Cyclohexane	7.62	56	2531	0.948	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10798	4.854	ug/l #	48
38) Carbon Tetrachloride	7.63	117	13768	6.130	ug/l #	17
71) Bromoform	12.38	173	1021	0.645	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	54737	23.815	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54737	65.406	ug/l #	15
89) n-Butylbenzene	13.59	91	1124	2.935	ug/l #	34
95) Naphthalene	15.11	128	6107	6.791	ug/l #	97

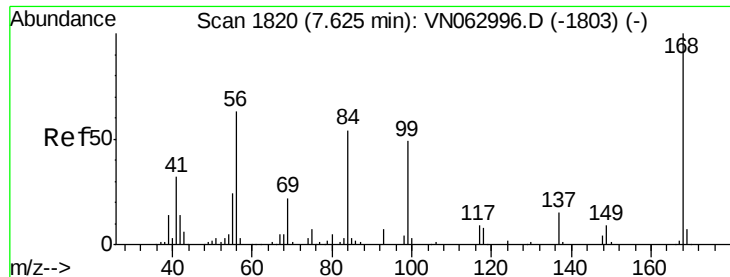
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082620\
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Quant Time: Aug 27 00:56:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampled :

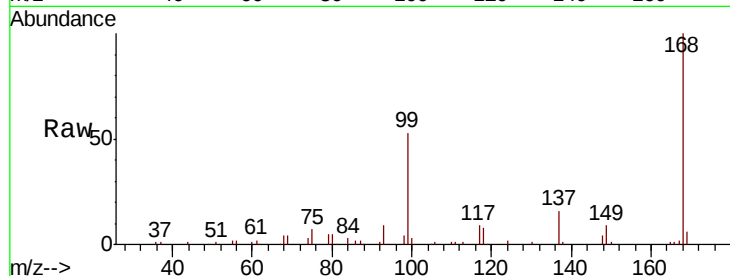
I.BLK

Tot Ion:168 Resp: 152822

Ion Ratio Lower Upper

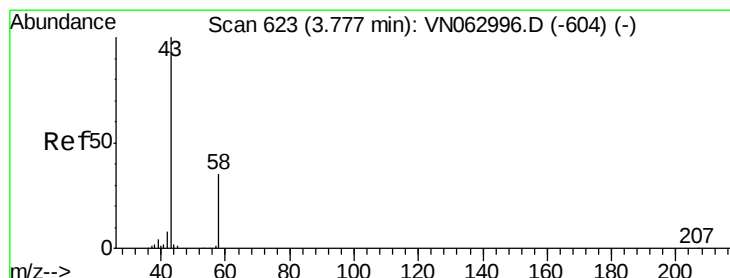
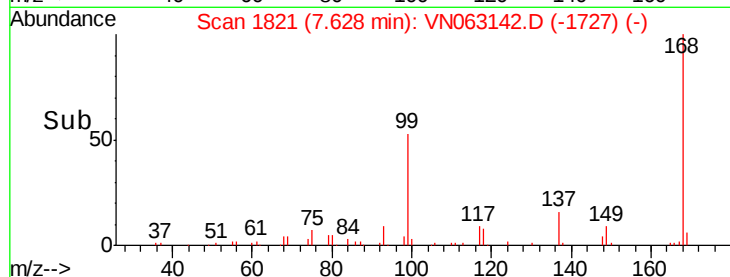
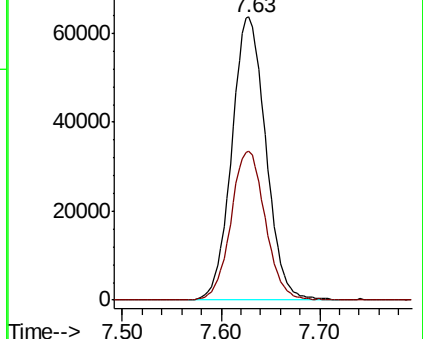
168 100

99 52.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN063142.D

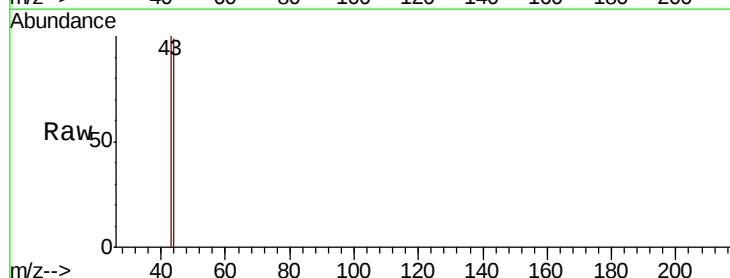
Acq: 26 Aug 2020 18:59

Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

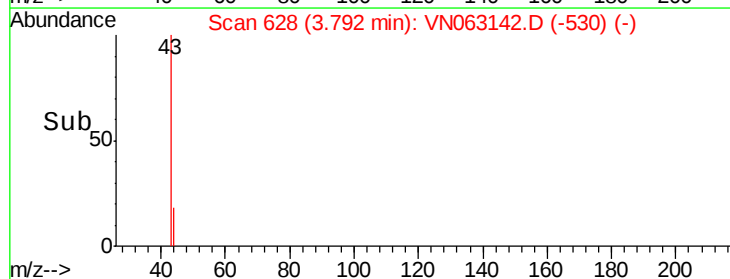
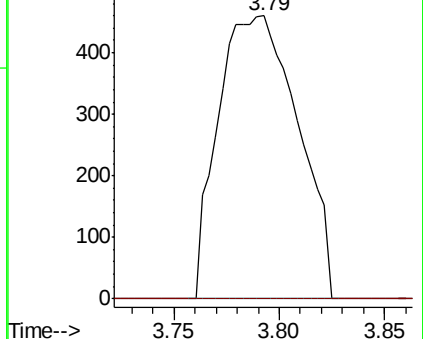
43 100

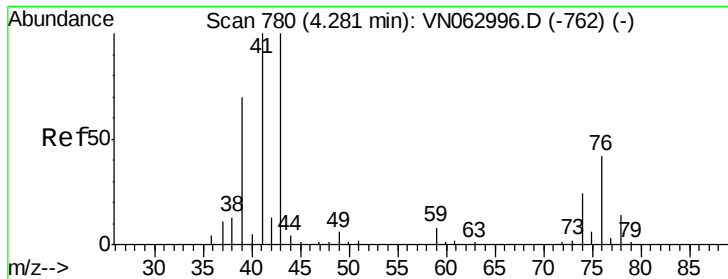
58 0.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

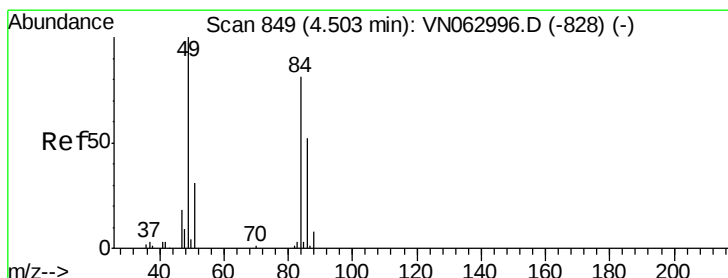
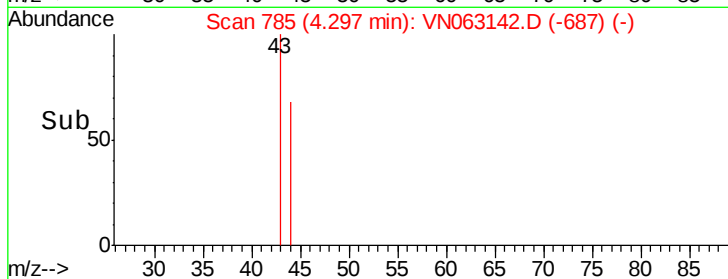
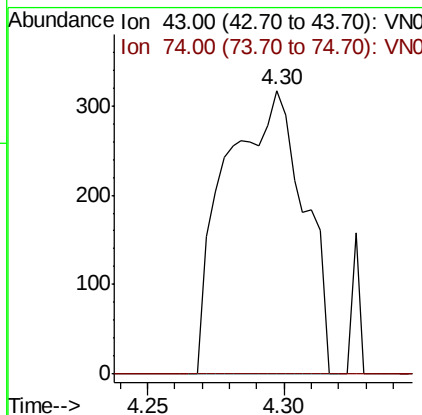
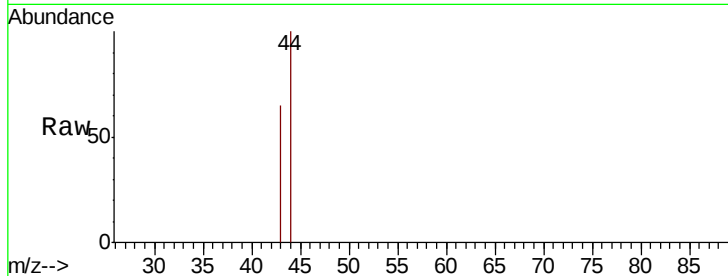




#18
Methyl Acetate
Concen: 0.349 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.02 min
Lab File: VN063142.D
Acq: 26 Aug 2020 18:59

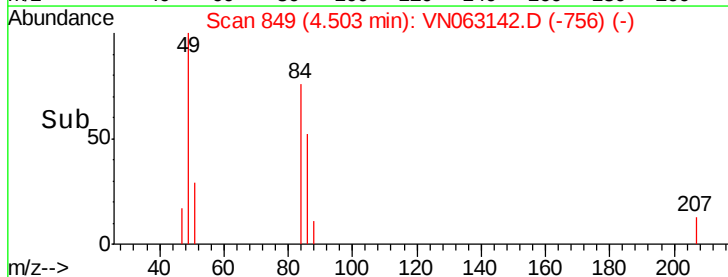
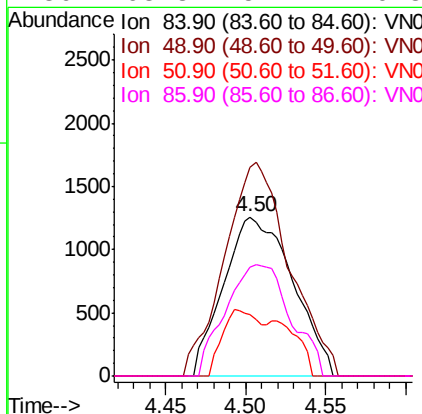
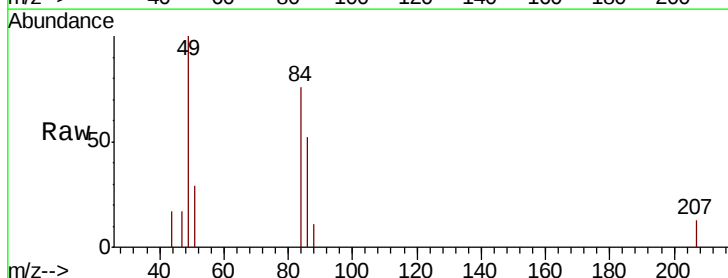
Instrument :
MSVOA_N
ClientSampleId :
I.BLK

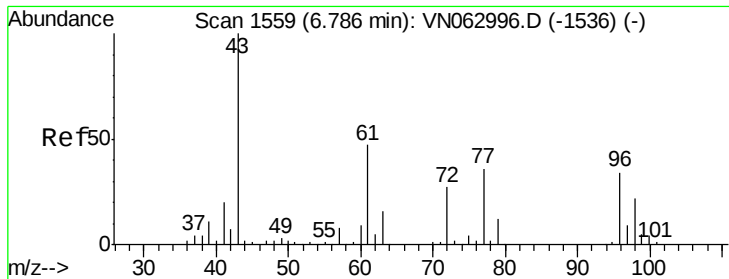
Tot Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN063142.D
Acq: 26 Aug 2020 18:59

Tgt Ion: 84 Resp: 3746
Ion Ratio Lower Upper
84 100
49 131.1 98.7 148.1
51 38.4 30.8 46.2
86 68.3 51.2 76.8





#25

2-Butanone

Concen: 0.237 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.02 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampleId :

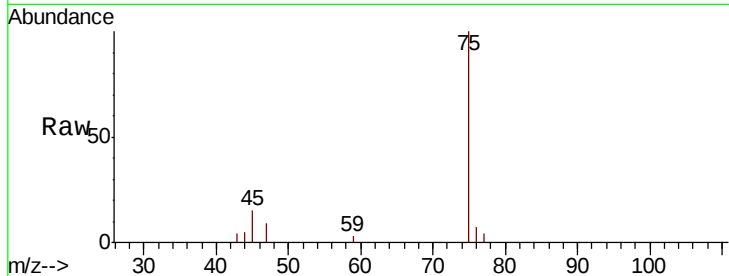
I.BLK

Tot Ion: 43 Resp: 228

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.77

250

200

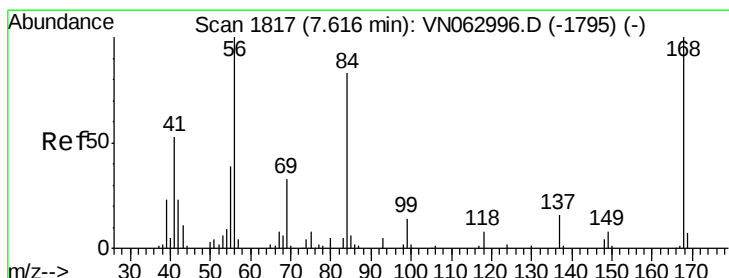
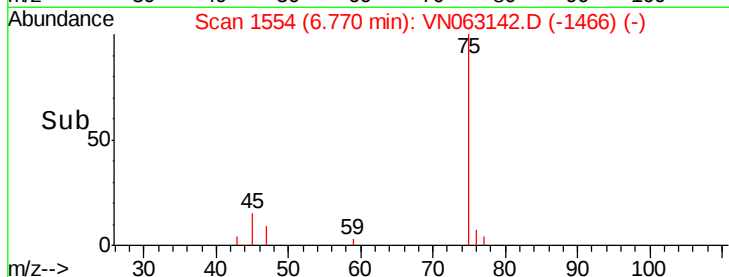
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 0.948 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

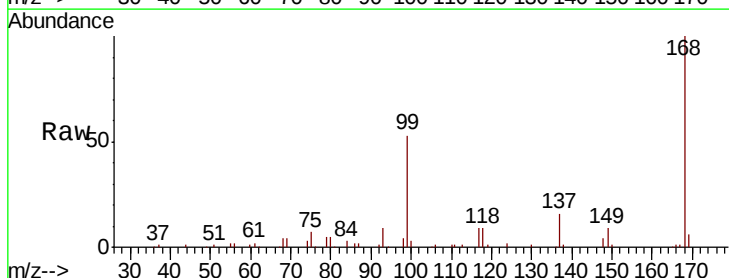
Tgt Ion: 56 Resp: 2531

Ion Ratio Lower Upper

56 100

69 188.2 26.6 40.0#

84 171.3 66.4 99.6#



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

3000

2500

2000

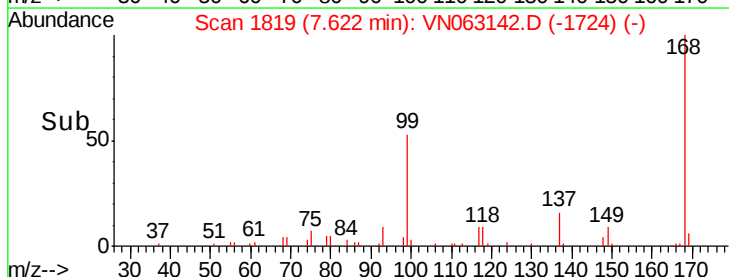
1500

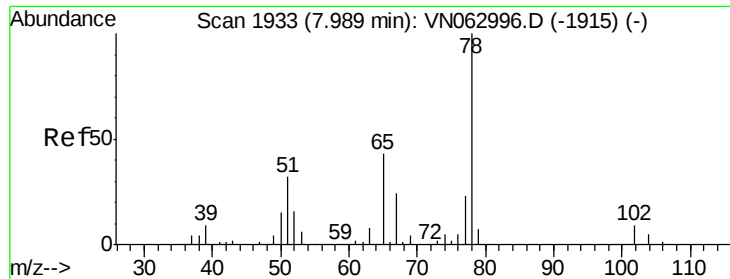
1000

500

0

Time-->

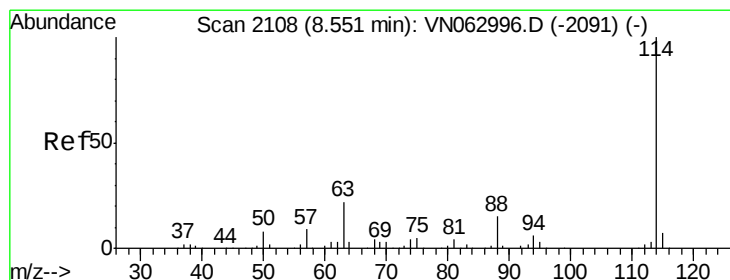
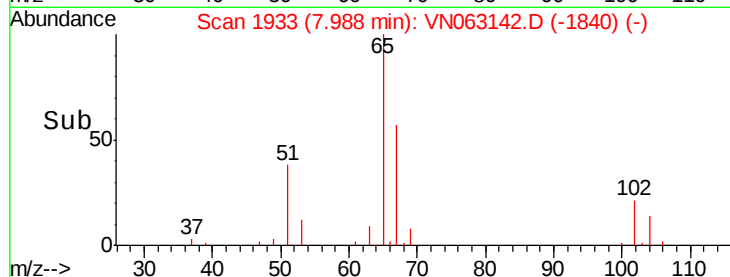
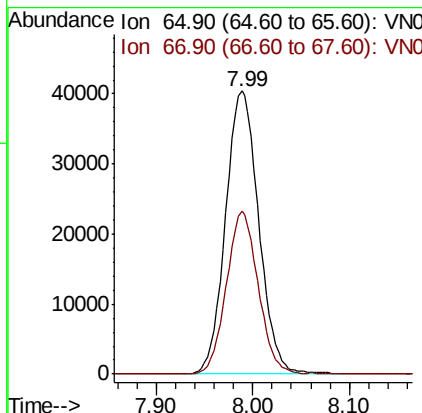
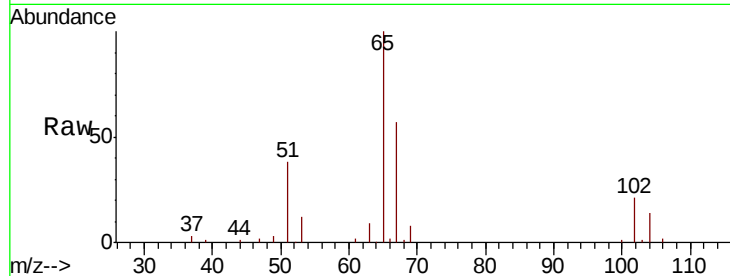




#33
 1,2-Dichloroethane-d4
 Concen: 53.204 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

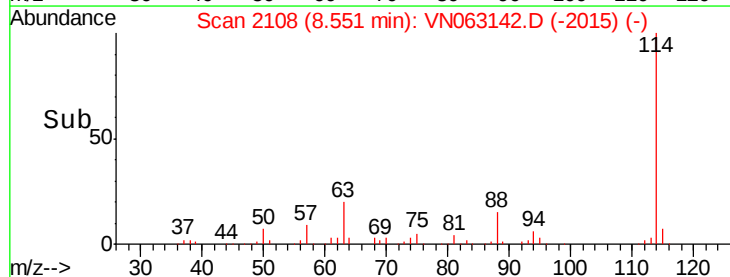
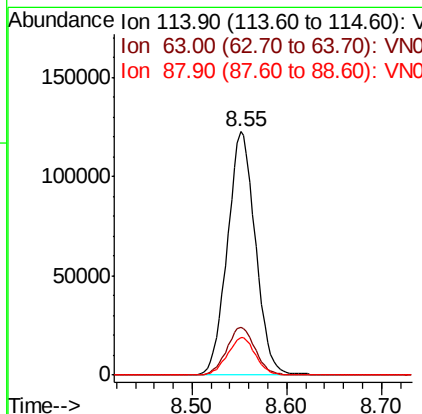
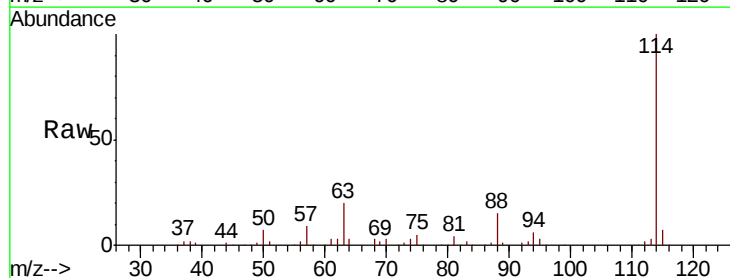
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

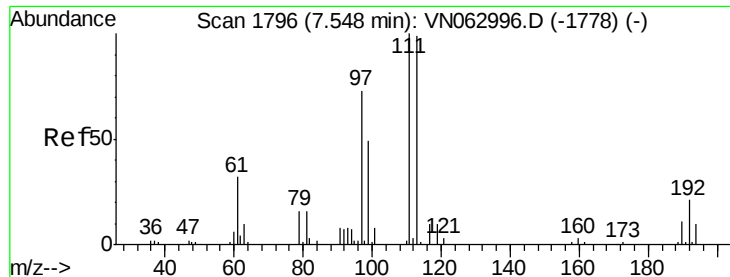
Tot Ion: 65 Resp: 96364
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

Tgt Ion: 114 Resp: 252450
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 15.3 0.0 30.6

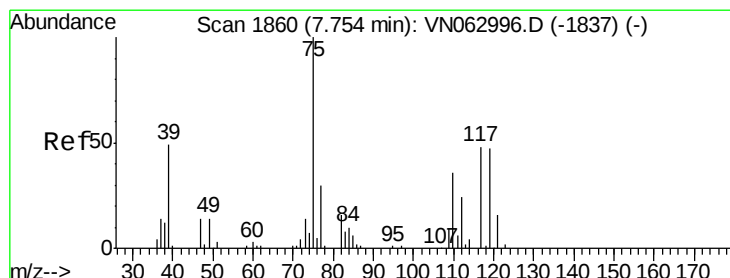
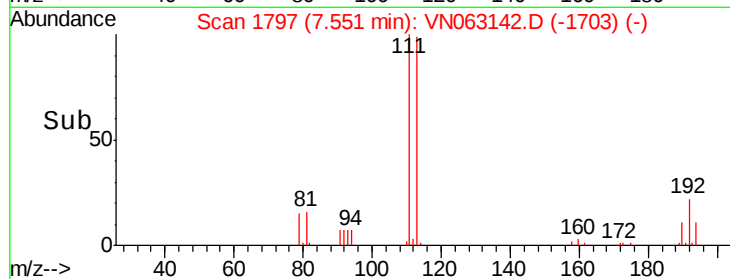
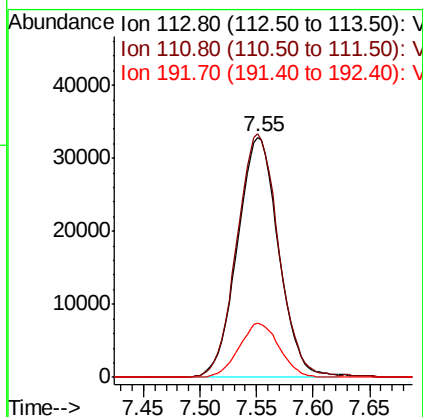
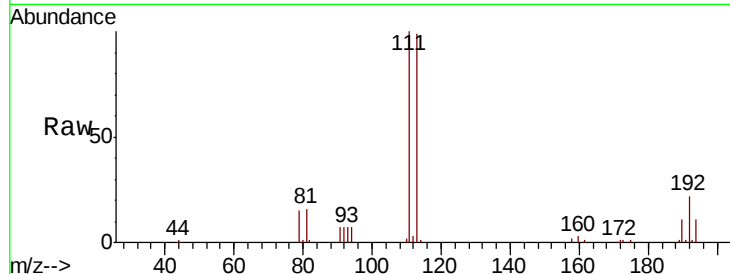




#35
 Dibromofluoromethane
 Concen: 50.669 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

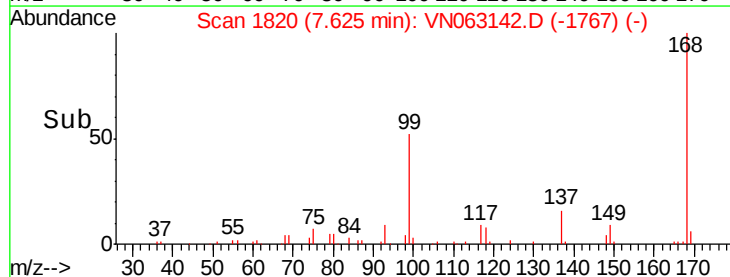
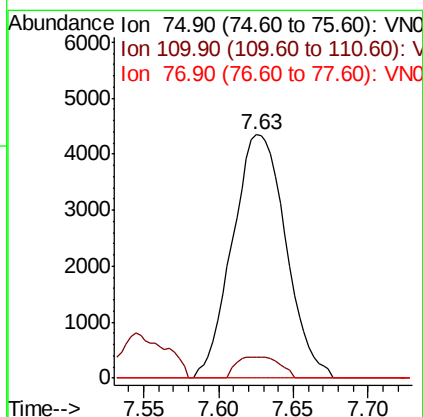
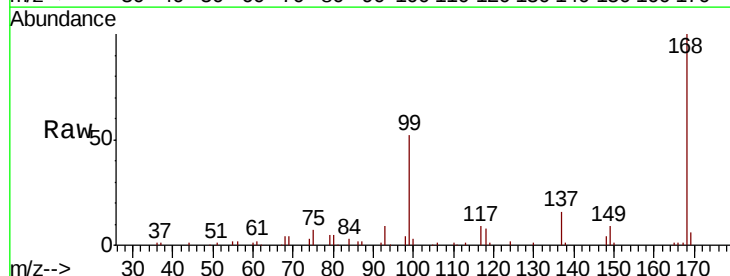
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

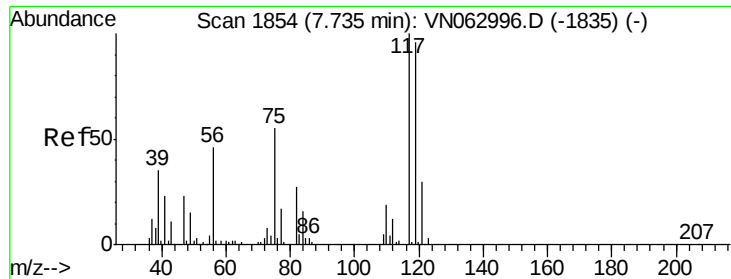
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	22.0	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN063142.D
 Acq: 26 Aug 2020 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.0	17.5	52.6#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 6.130 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampled :

I.BLK

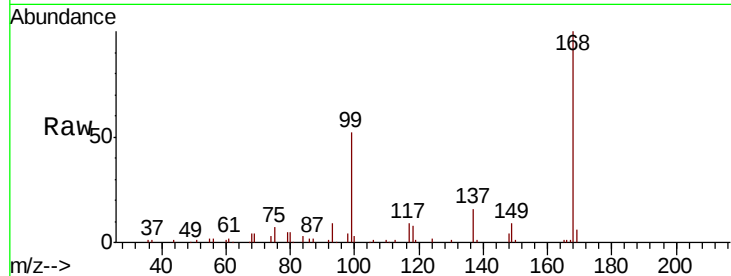
Tot Ion:117 Resp: 13768

Ion Ratio Lower Upper

117 100

119 5.7 76.2 114.4#

121 0.0 24.2 36.2#

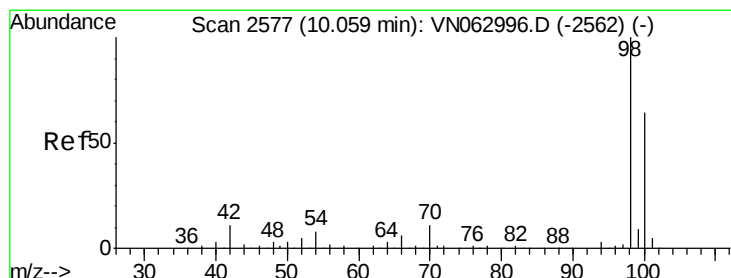
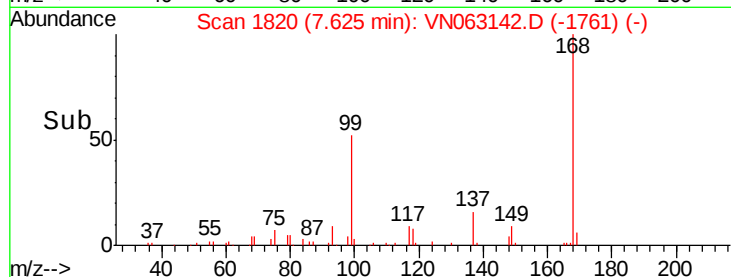
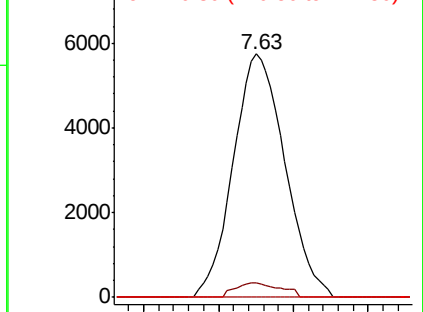


Abundance

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: 50.209 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063142.D

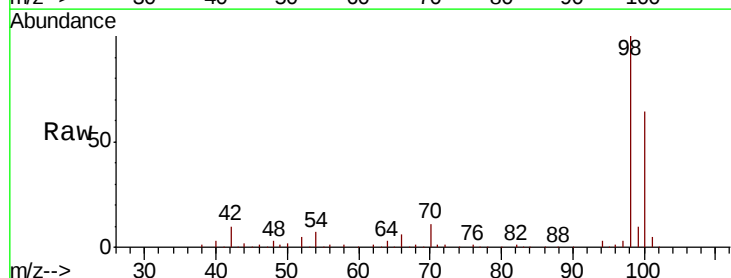
Acq: 26 Aug 2020 18:59

Tgt Ion: 98 Resp: 317238

Ion Ratio Lower Upper

98 100

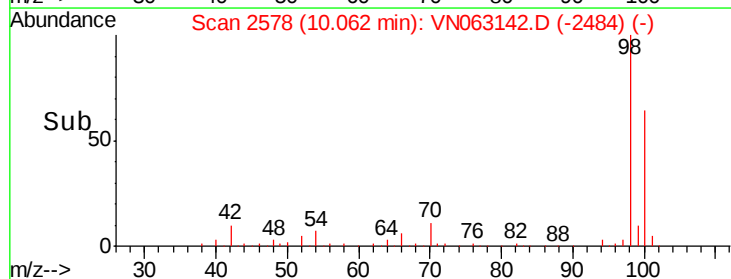
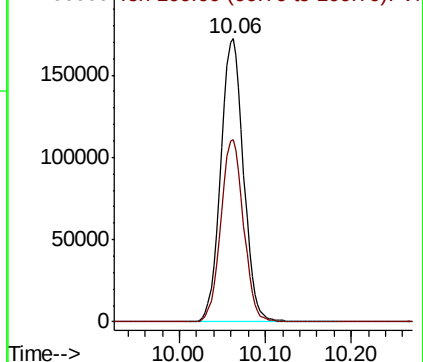
100 64.1 51.2 76.8

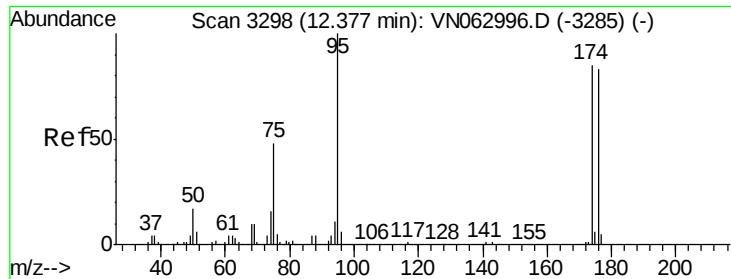


Abundance

Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 52.932 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

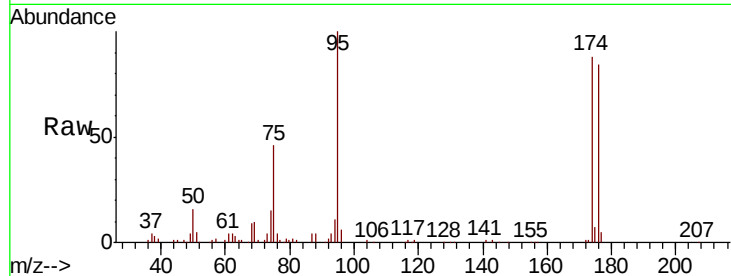
Tot Ion: 95 Resp: 118019

Ion Ratio Lower Upper

95 100

174 89.3 0.0 170.8

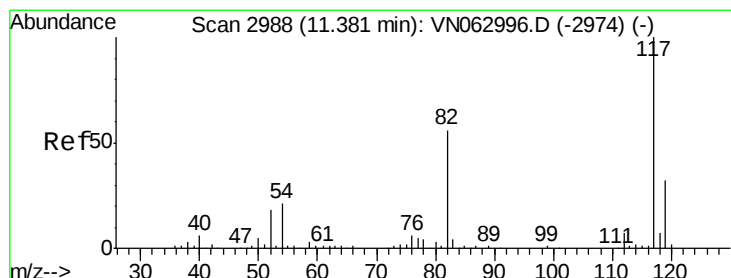
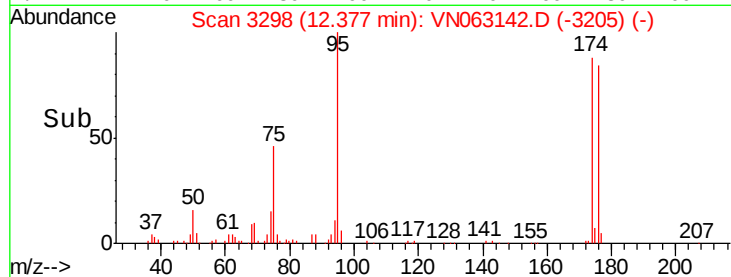
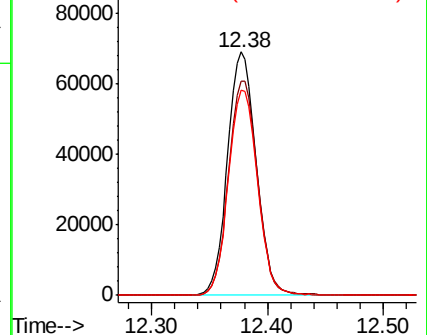
176 85.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

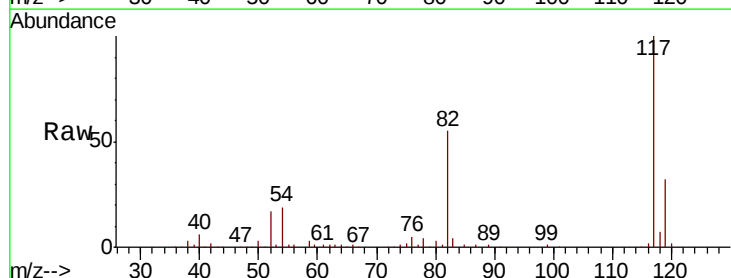
Tgt Ion: 117 Resp: 254638

Ion Ratio Lower Upper

117 100

82 54.9 44.5 66.7

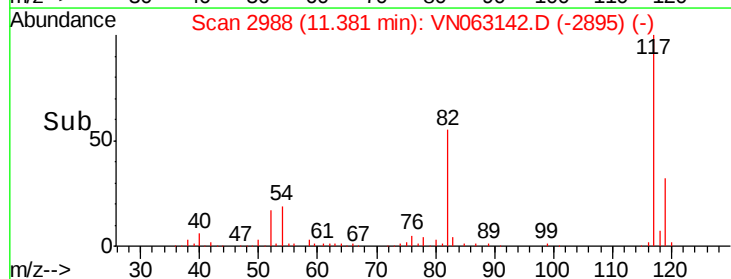
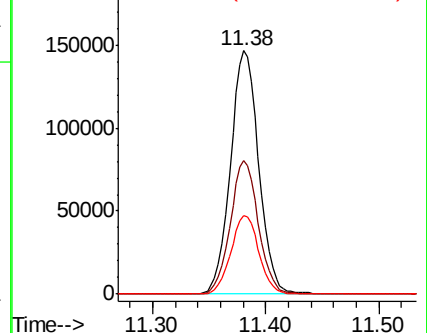
119 32.3 25.5 38.3

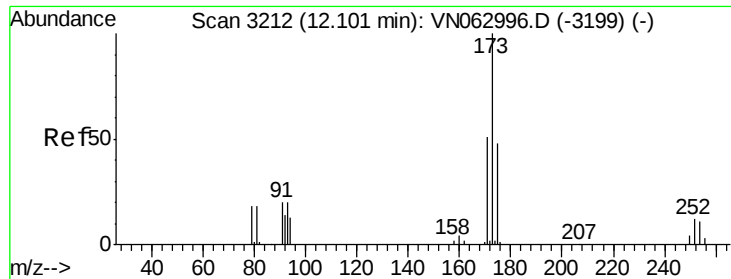


Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)





#71

Bromoform

Concen: 0.645 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

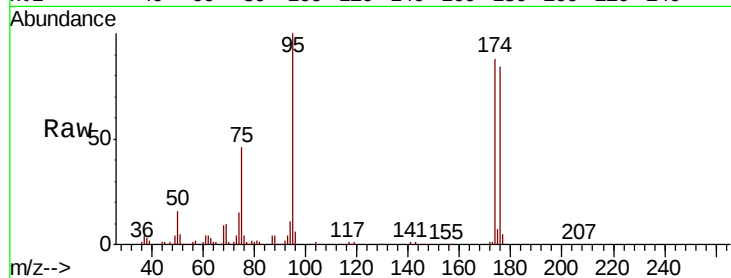
Tot Ion:173 Resp: 1021

Ion Ratio Lower Upper

173 100

175 603.1 24.3 72.8#

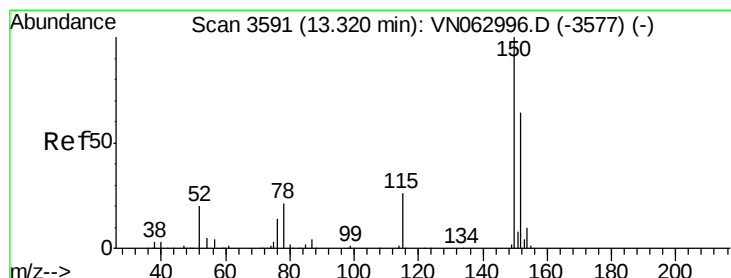
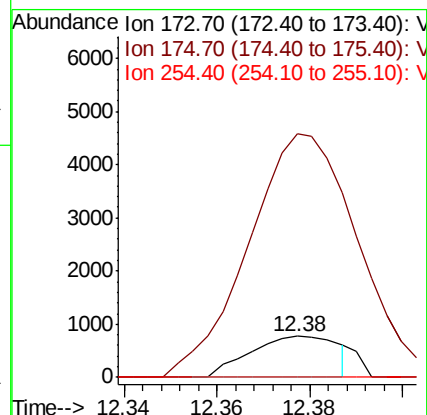
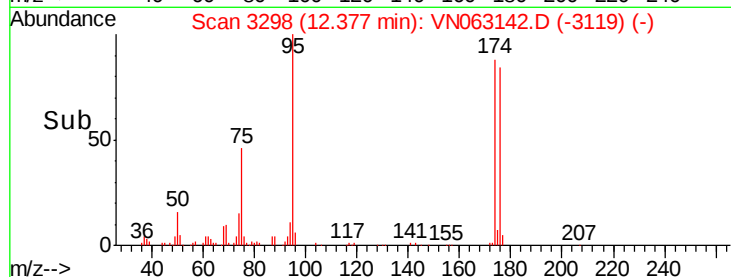
254 0.0 0.0 0.0



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: VN063142.D

Acq: 26 Aug 2020 18:59

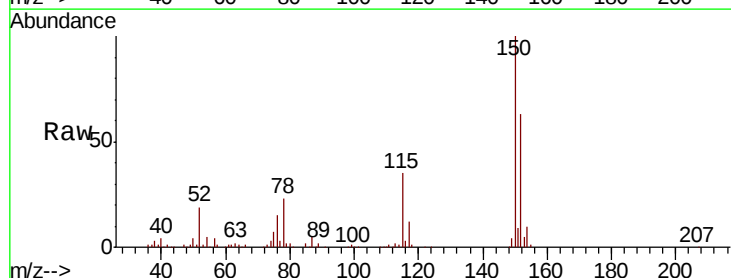
Tgt Ion:152 Resp: 118246

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.3

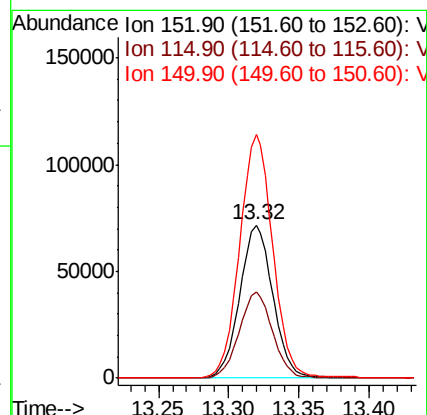
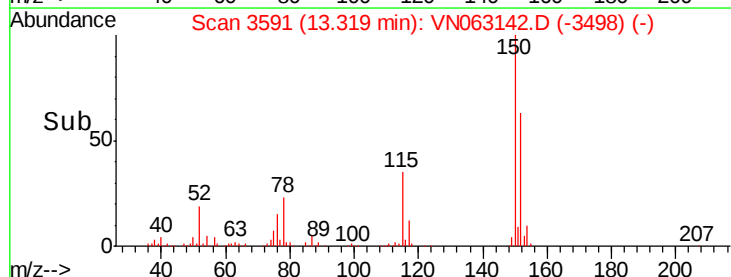
150 159.6 0.0 348.8

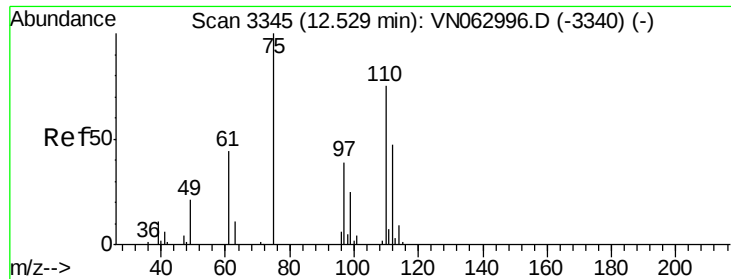


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.815 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampleId :

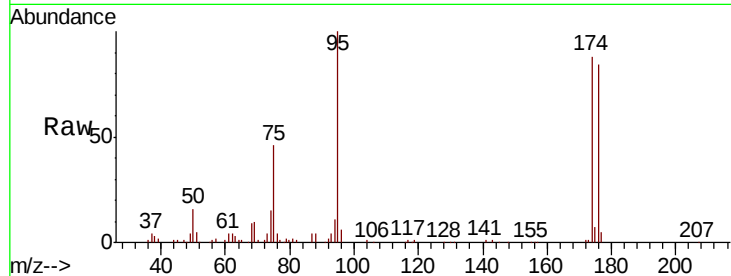
I.BLK

Tot Ion: 75 Resp: 54737

Ion Ratio Lower Upper

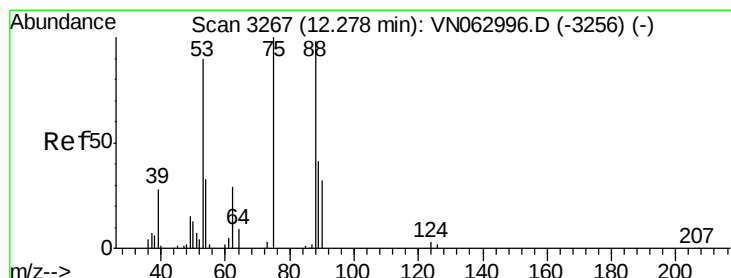
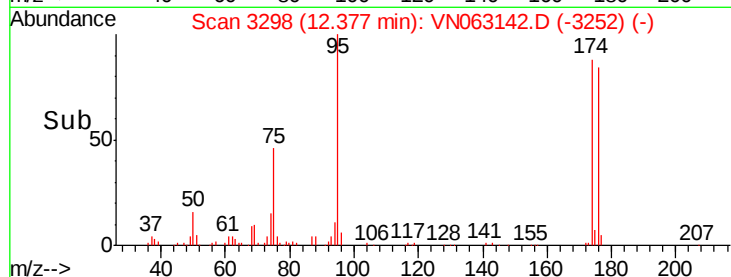
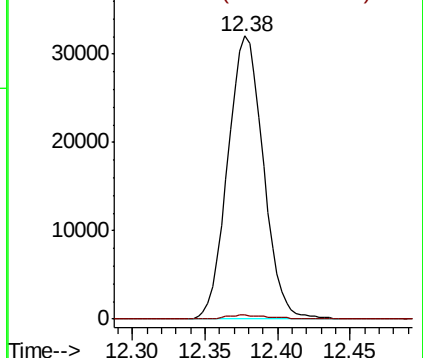
75 100

77 1.6 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: 65.406 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

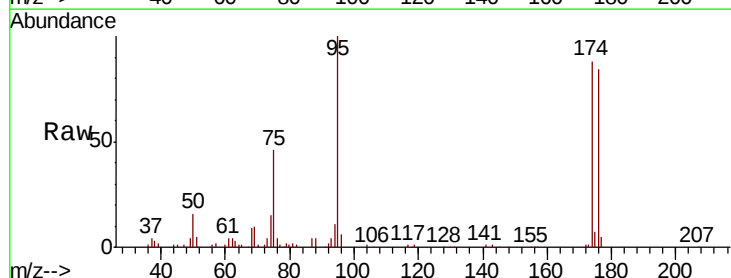
Tgt Ion: 75 Resp: 54737

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

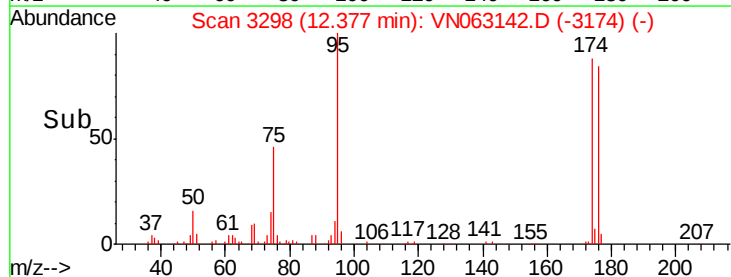
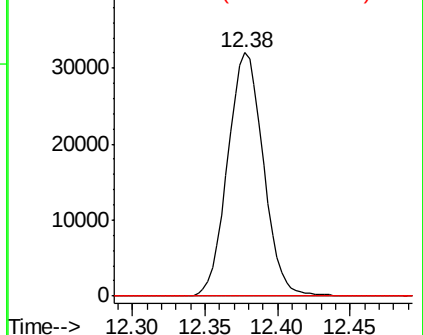
89 0.0 34.2 51.4#

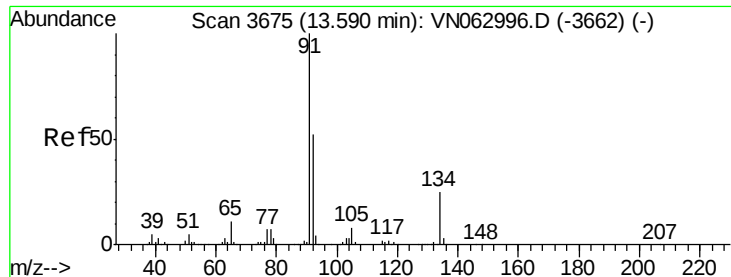


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#89

n-Butylbenzene

Concen: 2.935 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

Instrument :

MSVOA_N

ClientSampled :

I.BLK

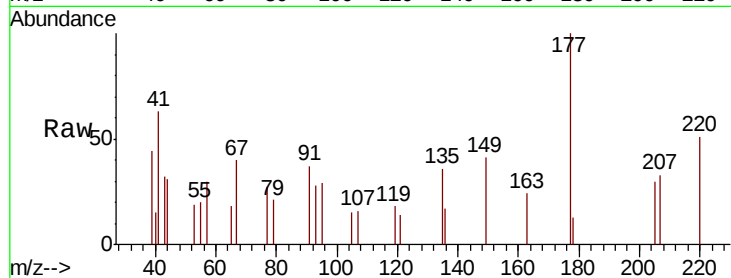
Tot Ion: 91 Resp: 1124

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.6#

134 0.0 12.4 37.0#

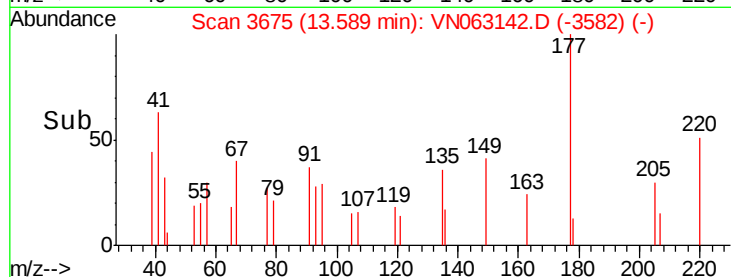


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

Time-->

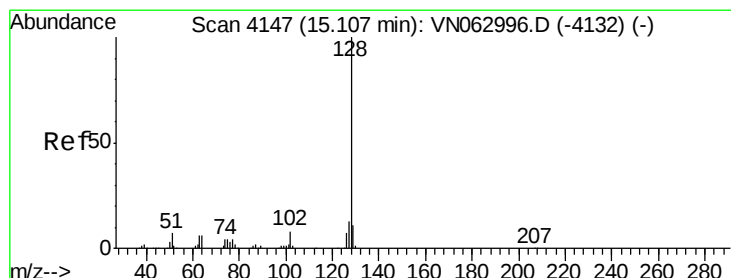


Abundance Ion 91.00 (90.70 to 91.70): VN063142.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN063142.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN063142.D (-3582) (-)

Time-->



#95

Naphthalene

Concen: 6.791 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063142.D

Acq: 26 Aug 2020 18:59

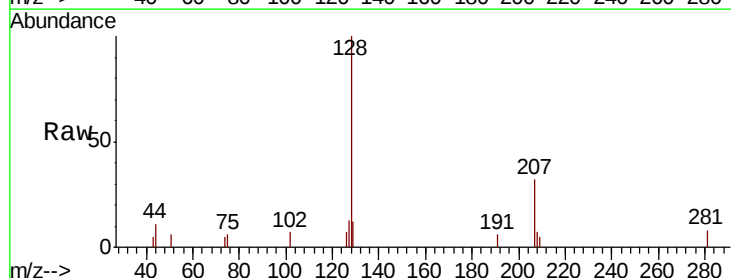
Tgt Ion: 128 Resp: 6107

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 8.8 8.9 13.3#

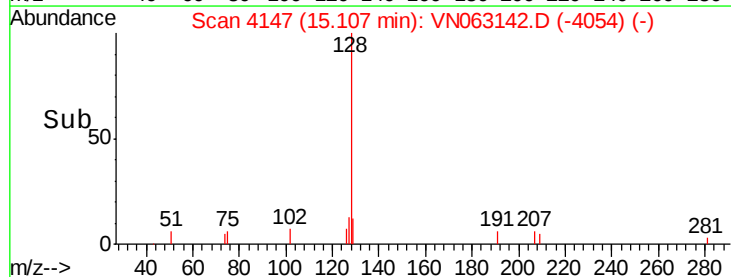


Abundance Ion 128.00 (127.70 to 128.70): VN062996.D (-4132) (-)

Ion 127.00 (126.70 to 127.70): VN062996.D (-4132) (-)

Ion 129.00 (128.70 to 129.70): VN062996.D (-4132) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): VN063142.D (-4054) (-)

Ion 127.00 (126.70 to 127.70): VN063142.D (-4054) (-)

Ion 129.00 (128.70 to 129.70): VN063142.D (-4054) (-)

Time-->