

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059545.D
 Acq On : 10 Dec 2019 14:26
 Operator : JC/SP
 Sample : K6204-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 K072-AA-WC-1

Quant Time: Dec 11 07:12:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

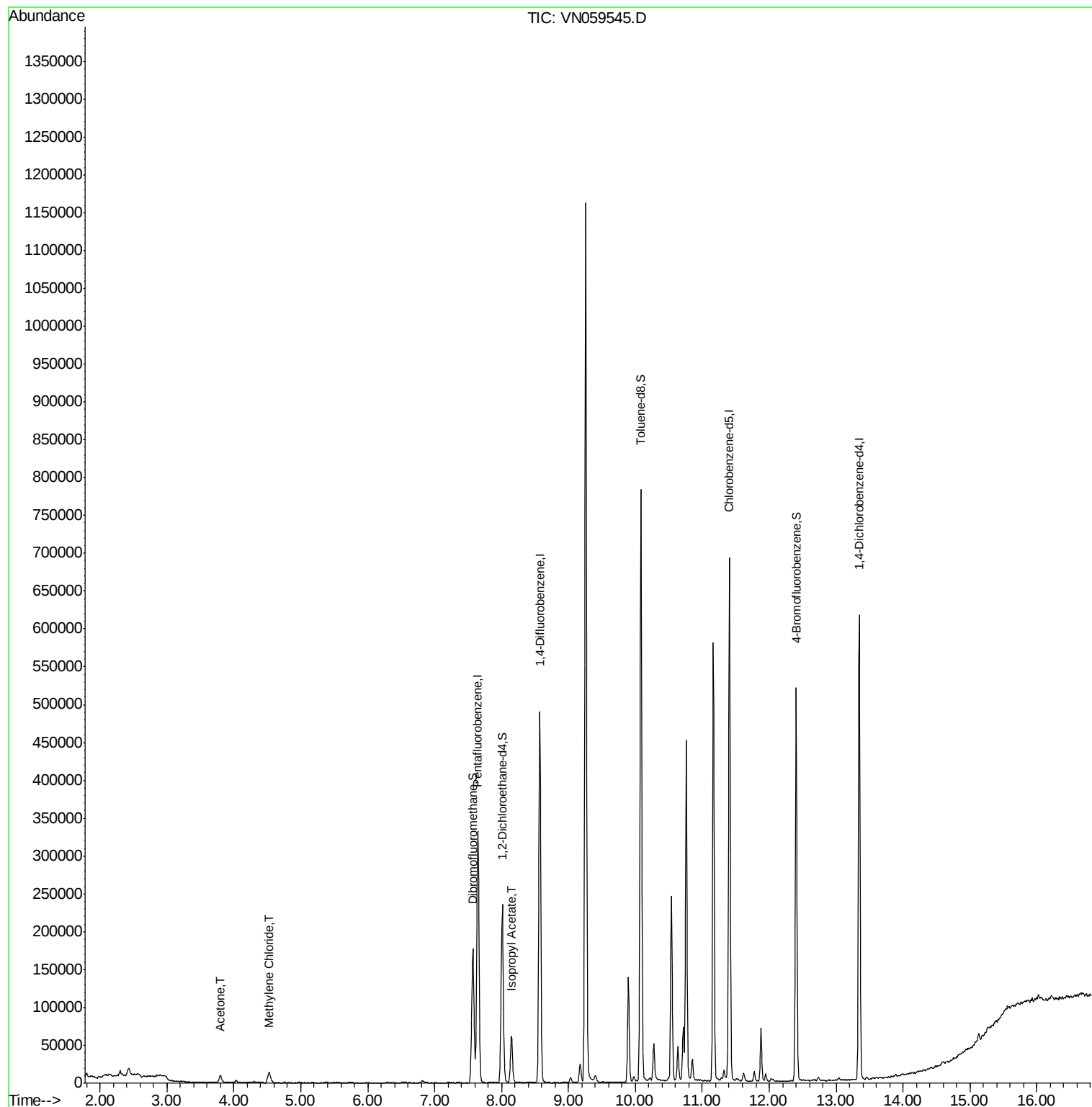
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	260355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	419769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	385177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	205336	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
35) Dibromofluoromethane	7.57	113	133239	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	10.08	98	528303	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.40	95	177937	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
Target Compounds						
16) Acetone	3.79	43	15026	8.840	ug/l	92
20) Methylene Chloride	4.52	84	9788	2.938	ug/l	97
43) Isopropyl Acetate	8.15	43	70951	9.544	ug/l #	93

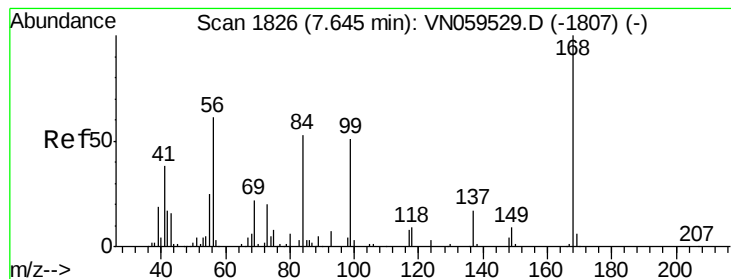
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

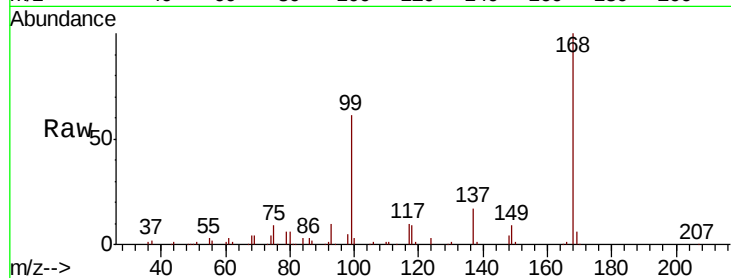
K072-AA-WC-1

Tot Ion:168 Resp: 260355

Ion Ratio Lower Upper

168 100

99 60.8 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

120000

100000

80000

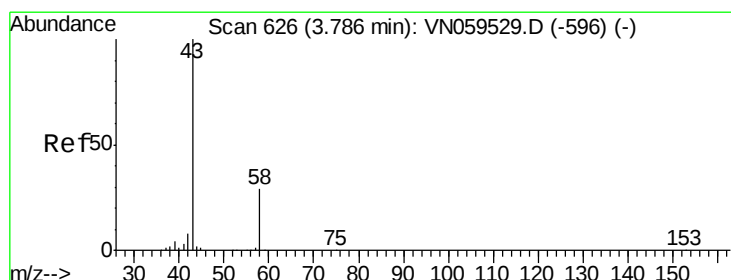
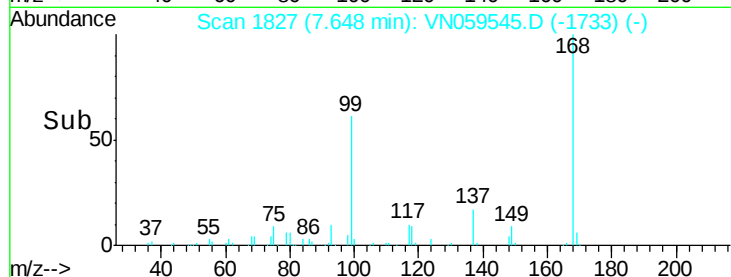
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.840 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059545.D

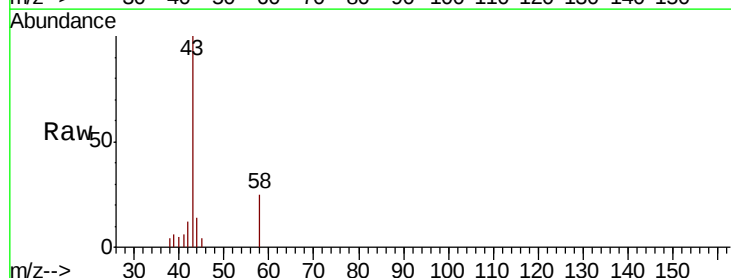
Acq: 10 Dec 2019 14:26

Tgt Ion: 43 Resp: 15026

Ion Ratio Lower Upper

43 100

58 24.6 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

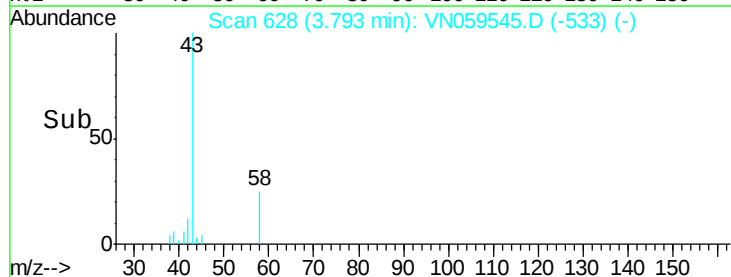
6000

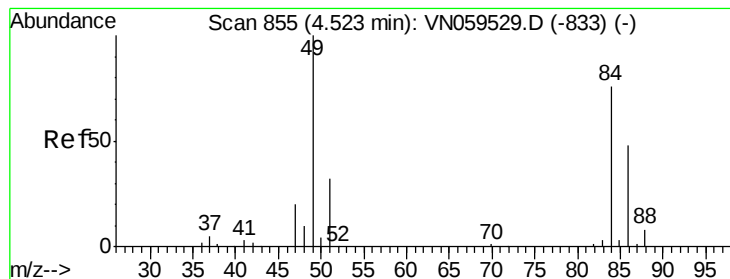
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.938 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampled :

K072-AA-WC-1

Tot Ion: 84 Resp: 9788

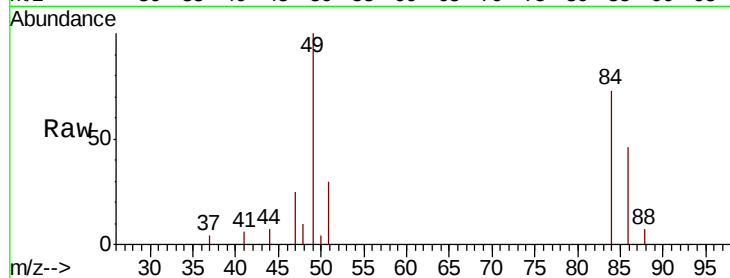
Ion Ratio Lower Upper

84 100

49 136.9 105.8 158.8

51 41.7 33.7 50.5

86 62.6 51.0 76.4

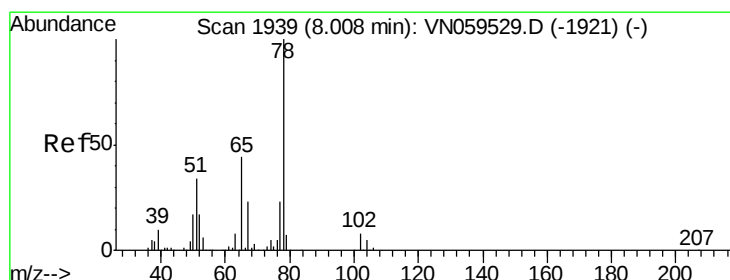
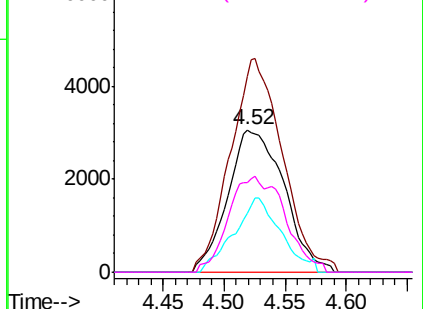
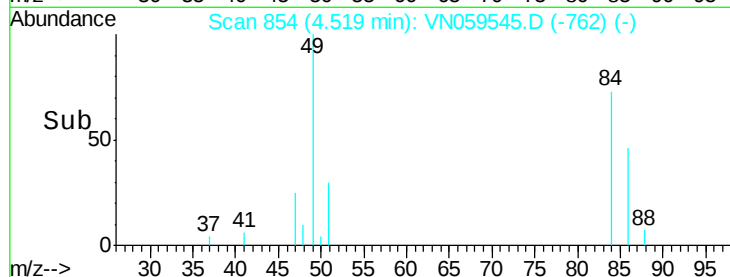


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.430 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059545.D

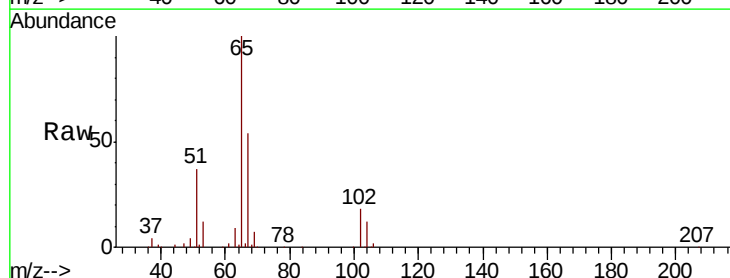
Acq: 10 Dec 2019 14:26

Tgt Ion: 65 Resp: 205336

Ion Ratio Lower Upper

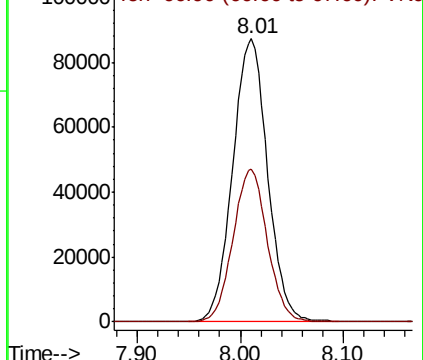
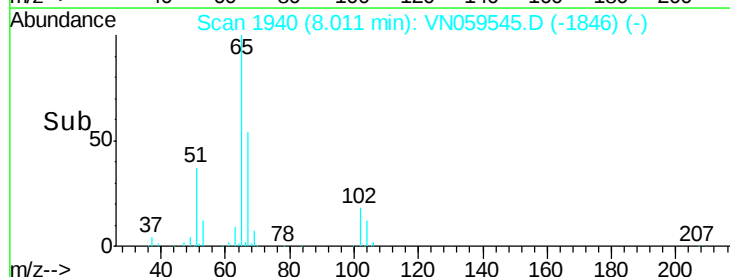
65 100

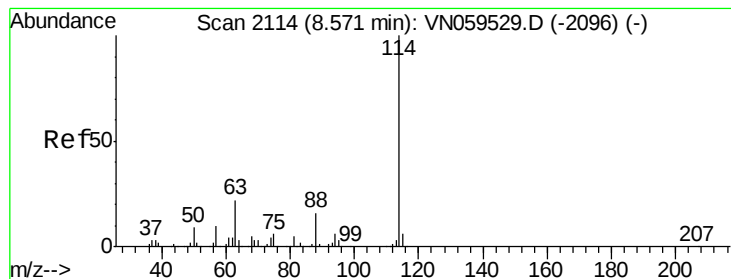
67 53.0 0.0 103.6



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: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

K072-AA-WC-1

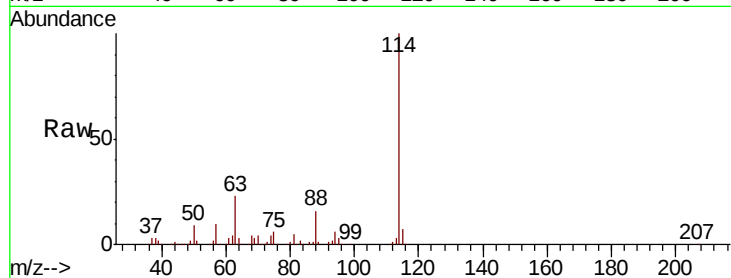
Tot Ion:114 Resp: 419769

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

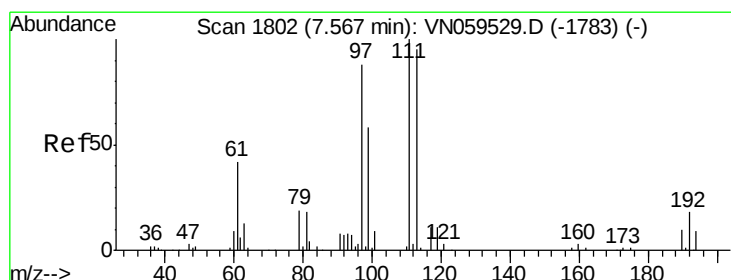
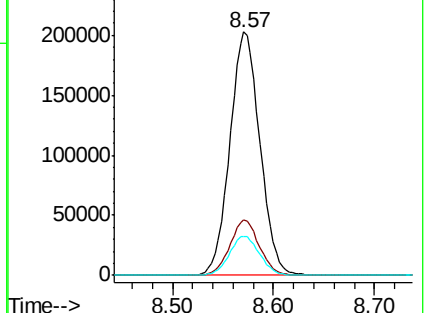
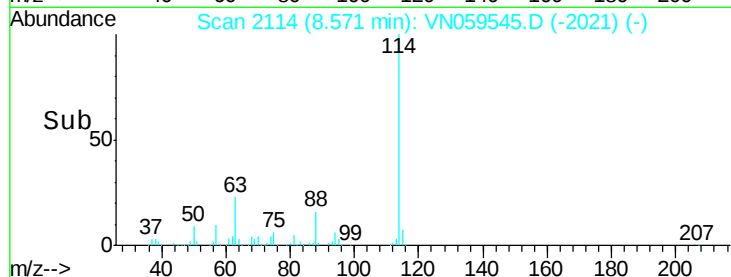
88 16.1 0.0 32.2



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: 53.190 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

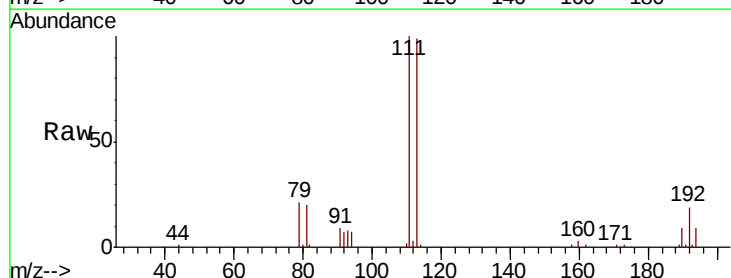
Tgt Ion:113 Resp: 133239

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

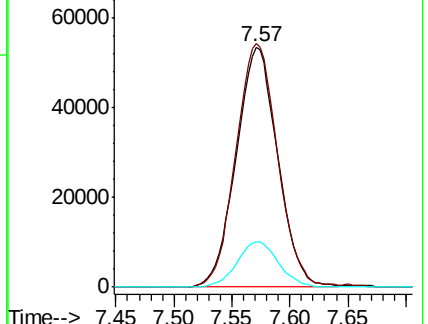
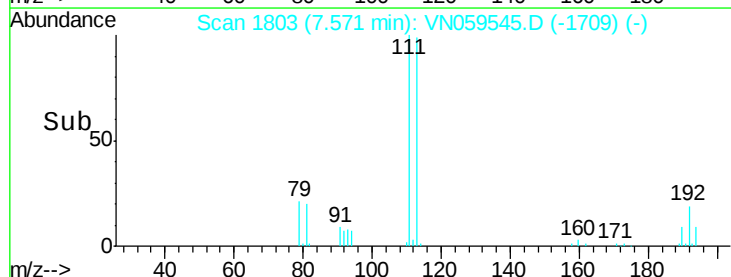
192 18.8 14.8 22.2

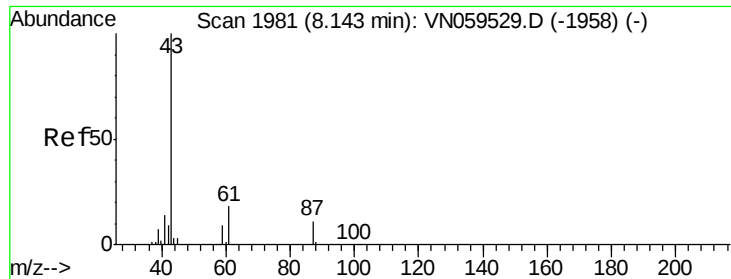


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.544 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampled :

K072-AA-WC-1

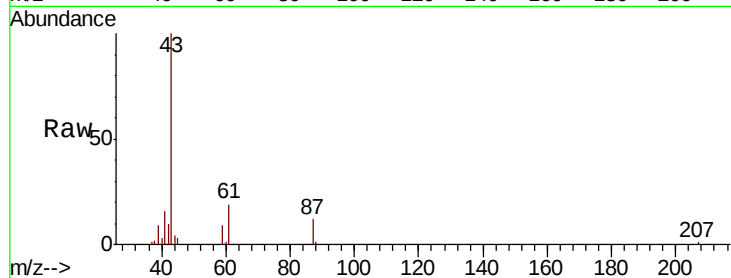
Tot Ion: 43 Resp: 70951

Ion Ratio Lower Upper

43 100

61 19.6 19.8 29.6#

87 12.1 9.4 14.2



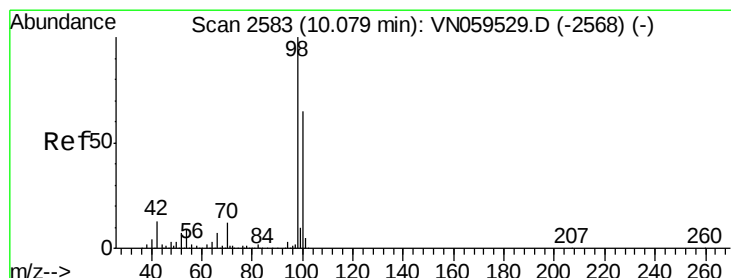
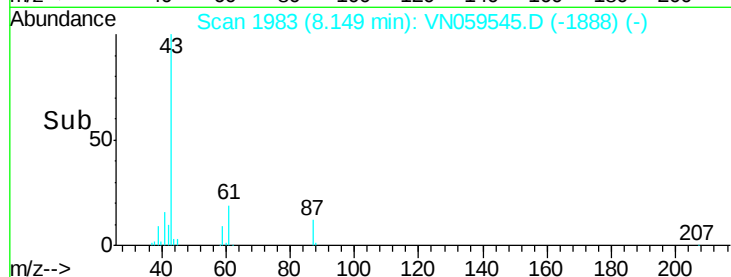
Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN059529.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN059529.D (-1958) (-)

Time-->

8.05 8.10 8.15 8.20 8.25



#50

Toluene-d8

Concen: 51.660 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059545.D

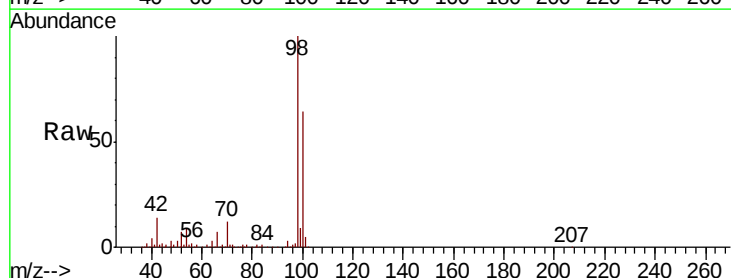
Acq: 10 Dec 2019 14:26

Tgt Ion: 98 Resp: 528303

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8

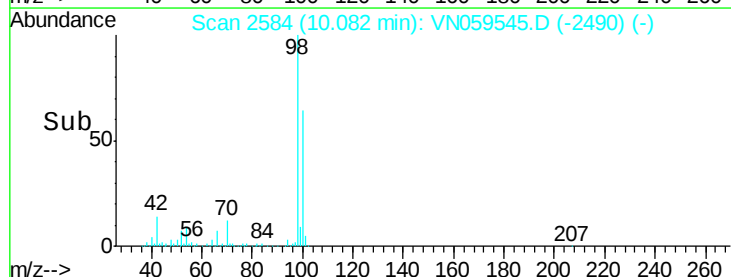


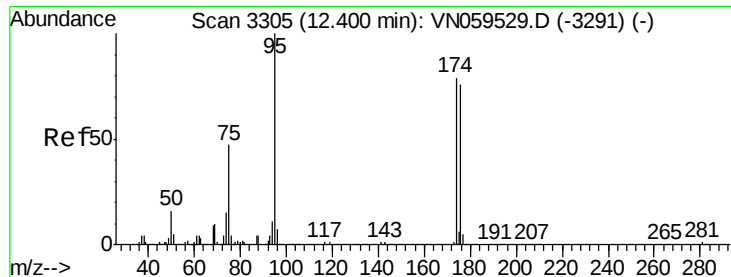
Abundance Ion 98.00 (97.70 to 98.70): VN059529.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059529.D (-2568) (-)

Time-->

10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 47.005 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampled :

K072-AA-WC-1

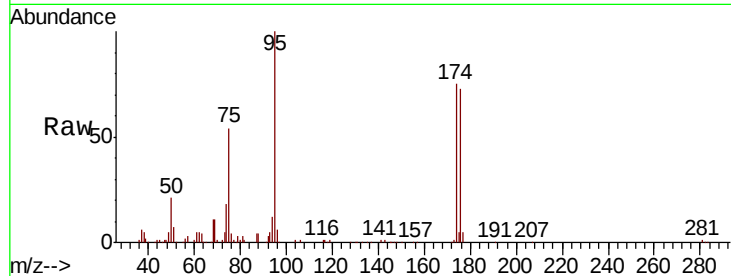
Tot Ion: 95 Resp: 177937

Ion Ratio Lower Upper

95 100

174 75.9 0.0 158.0

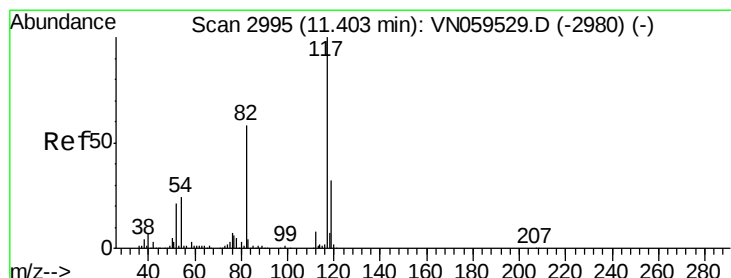
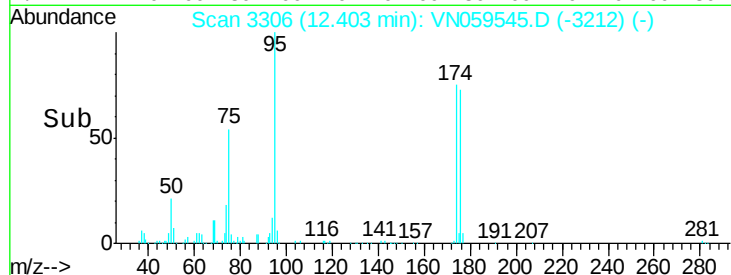
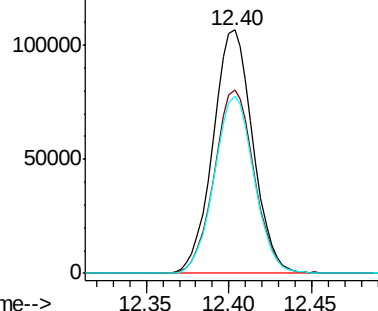
176 72.9 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VN059529.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059529.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059529.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

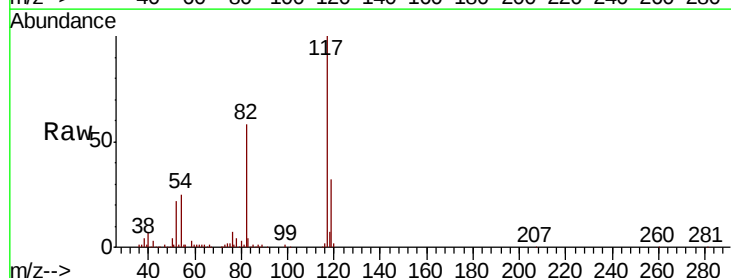
Tgt Ion: 117 Resp: 385177

Ion Ratio Lower Upper

117 100

82 58.0 46.5 69.7

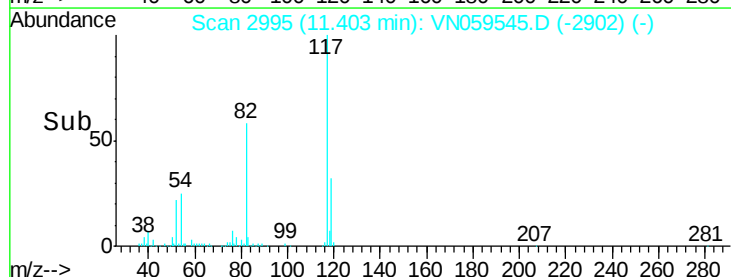
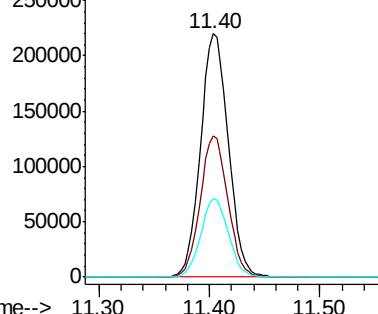
119 32.0 25.2 37.8

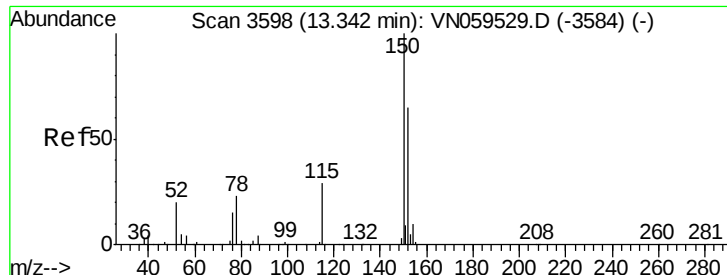


Abundance Ion 116.90 (116.60 to 117.60): VN059529.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059529.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059529.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059545.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

K072-AA-WC-1

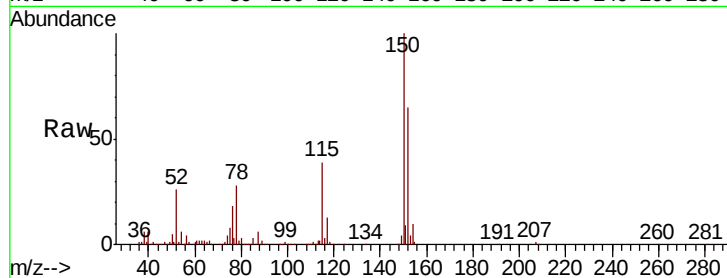
Tot Ion:152 Resp: 160262

Ion Ratio Lower Upper

152 100

115 60.5 29.4 88.2

150 157.2 0.0 342.4



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

