

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059547.D
 Acq On : 10 Dec 2019 15:10
 Operator : JC/SP
 Sample : K6204-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 11 07:14:26 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

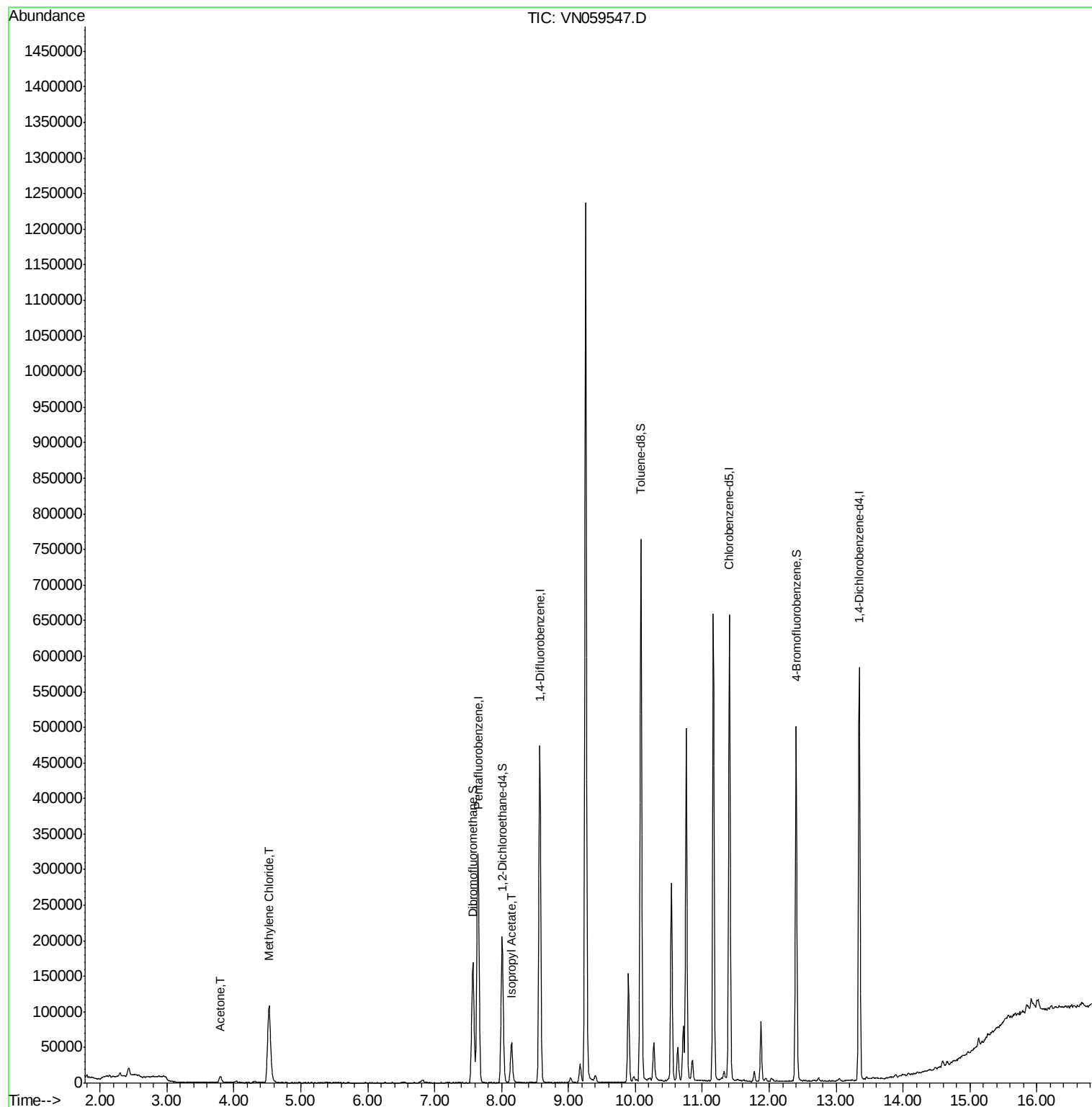
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	251841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	405304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	369526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	178662	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.57	113	128247	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
50) Toluene-d8	10.08	98	508505	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	170053	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
16) Acetone	3.80	43	15057	9.157	ug/l	100
20) Methylene Chloride	4.53	84	80979	27.205	ug/l	98
43) Isopropyl Acetate	8.15	43	65949	9.188	ug/l #	91

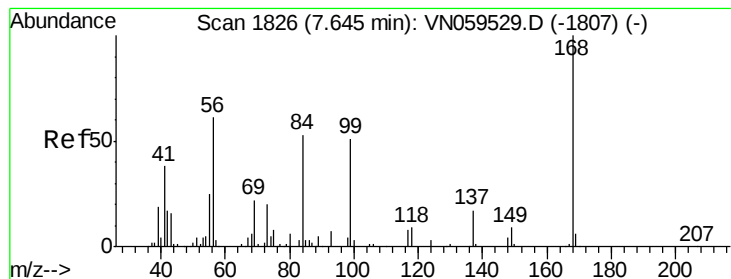
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059547.D

Acq: 10 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

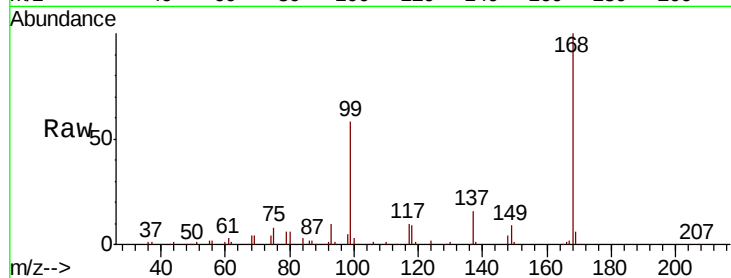
K072-AB-WC-1

Tot Ion:168 Resp: 251841

Ion Ratio Lower Upper

168 100

99 58.4 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

120000

100000

80000

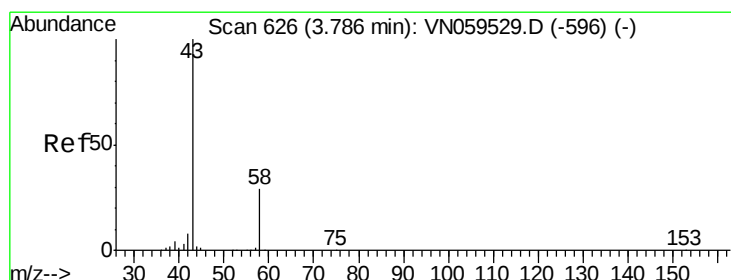
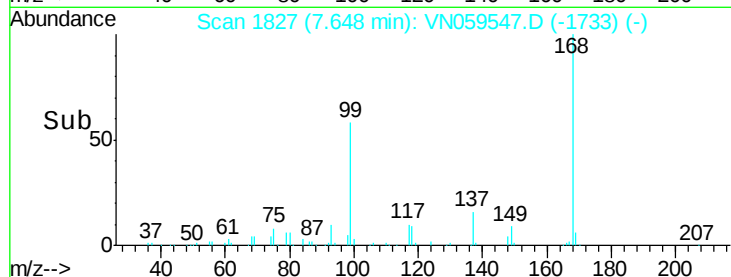
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.157 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059547.D

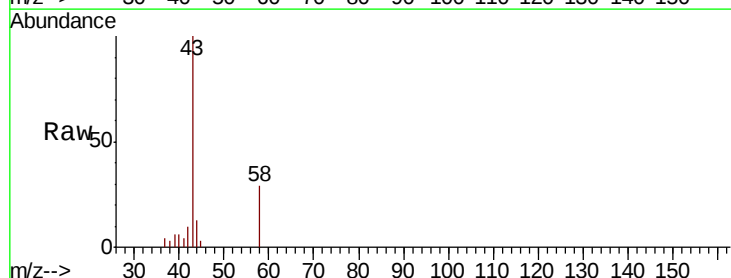
Acq: 10 Dec 2019 15:10

Tgt Ion: 43 Resp: 15057

Ion Ratio Lower Upper

43 100

58 28.5 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

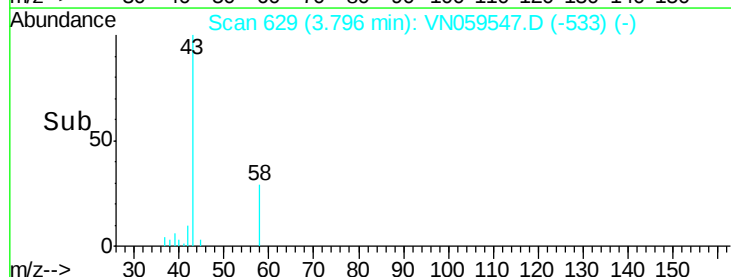
3000

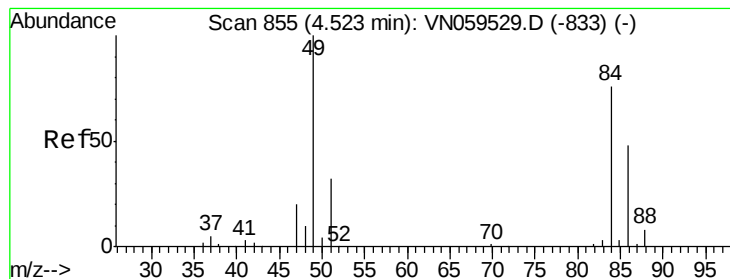
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 27.205 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059547.D

Acq: 10 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

K072-AB-WC-1

Tot Ion: 84 Resp: 80979

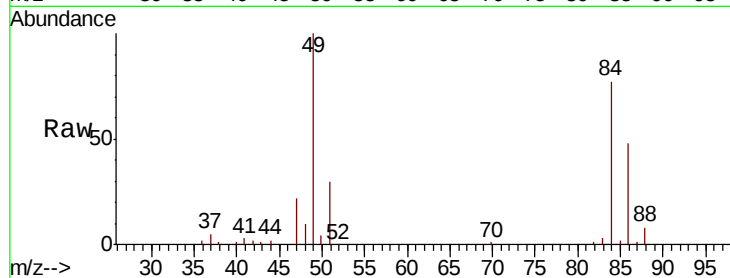
Ion Ratio Lower Upper

84 100

49 129.8 105.8 158.8

51 39.1 33.7 50.5

86 62.9 51.0 76.4

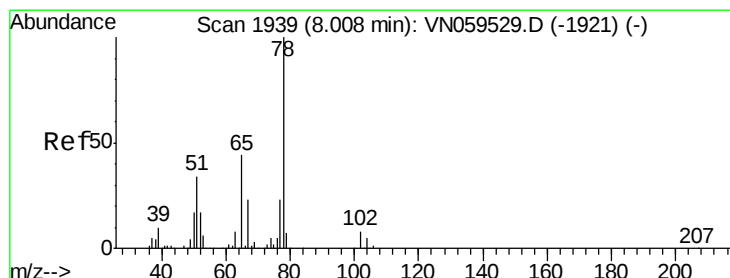
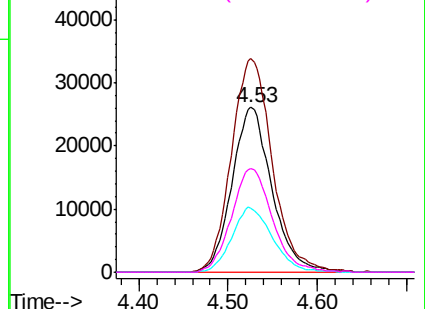
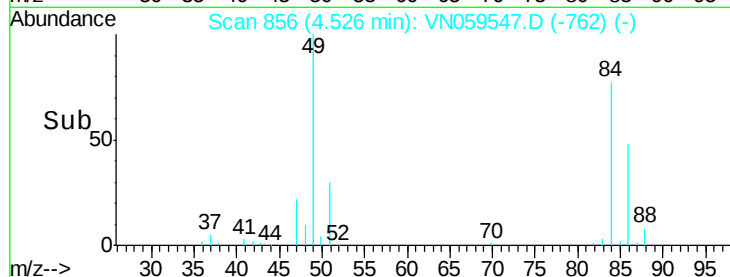


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 50.759 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN059547.D

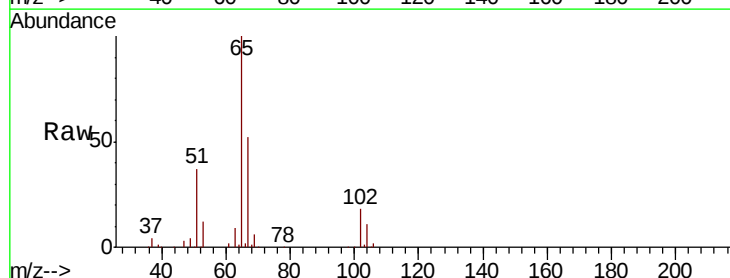
Acq: 10 Dec 2019 15:10

Tgt Ion: 65 Resp: 178662

Ion Ratio Lower Upper

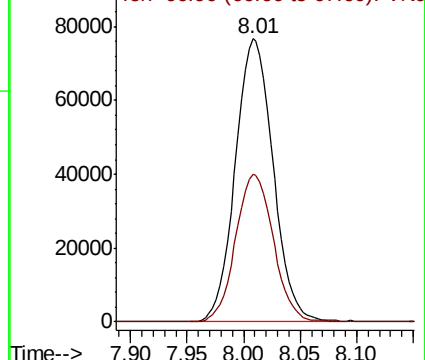
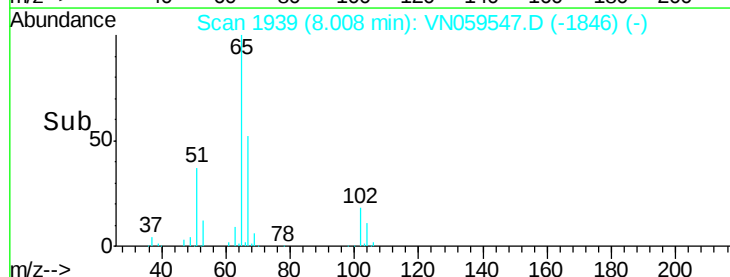
65 100

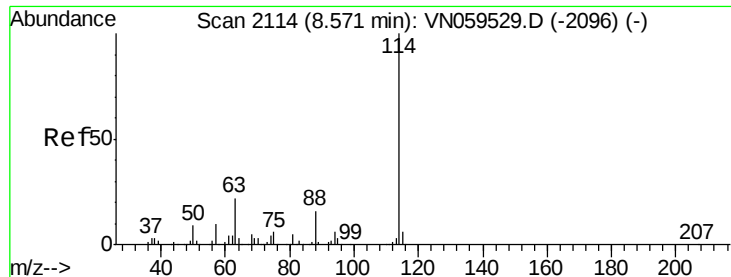
67 52.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

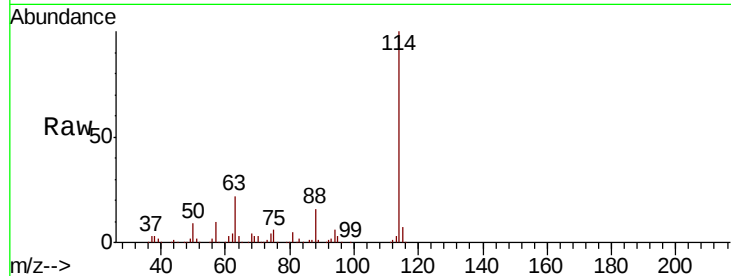




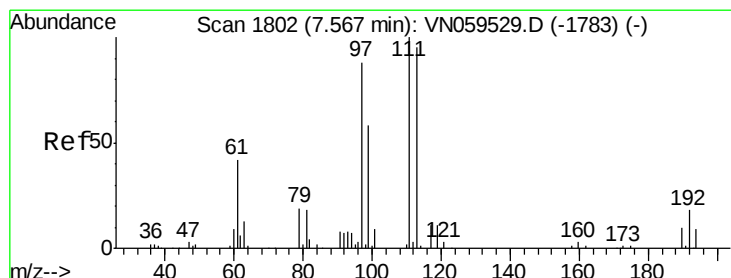
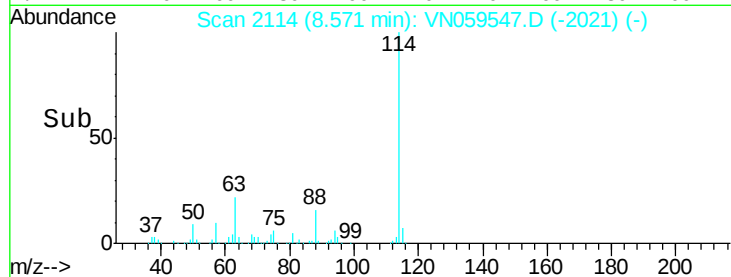
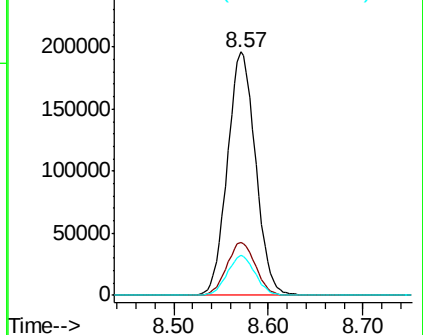
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059547.D
 Acq: 10 Dec 2019 15:10

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.0
88	16.3	0.0	32.2

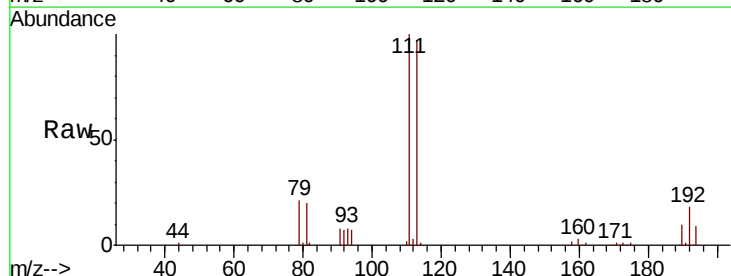


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

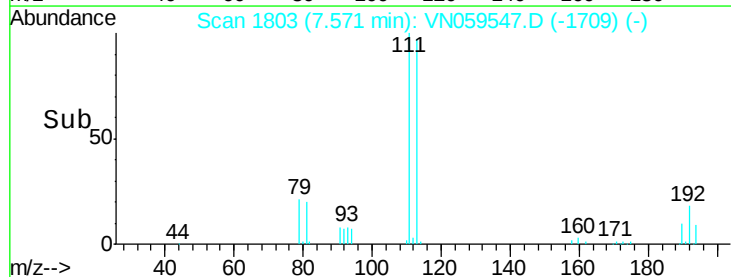
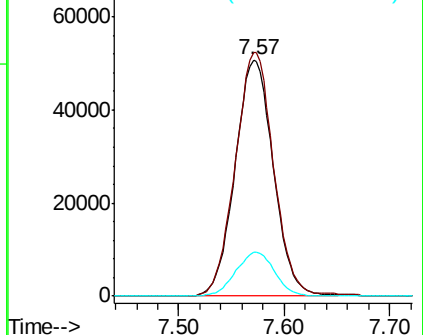


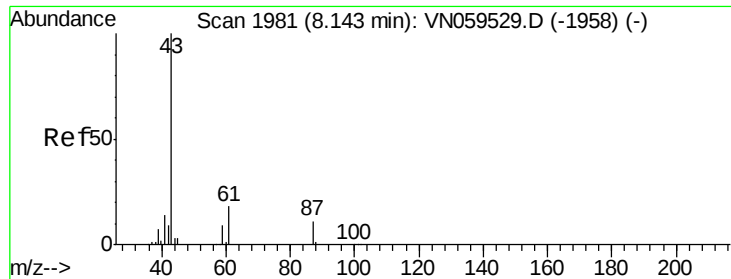
#35
 Dibromofluoromethane
 Concen: 53.025 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059547.D
 Acq: 10 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	18.7	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: 9.188 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VN059547.D

Acq: 10 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

K072-AB-WC-1

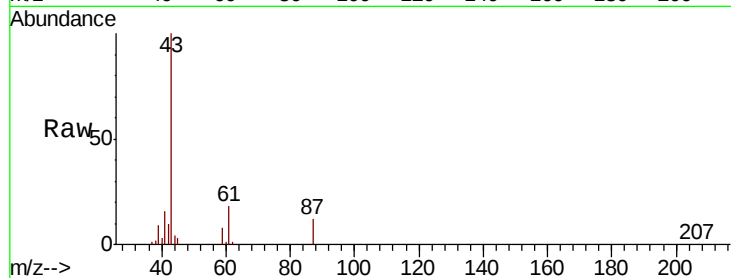
Tot Ion: 43 Resp: 65949

Ion Ratio Lower Upper

43 100

61 18.1 19.8 29.6#

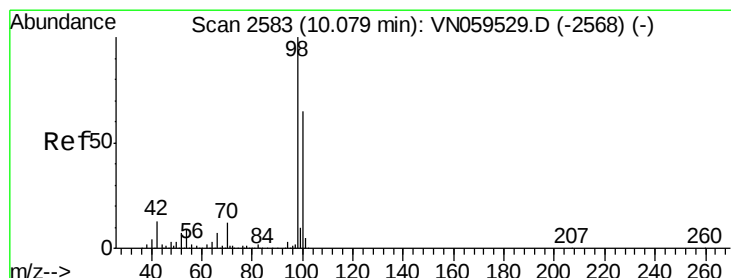
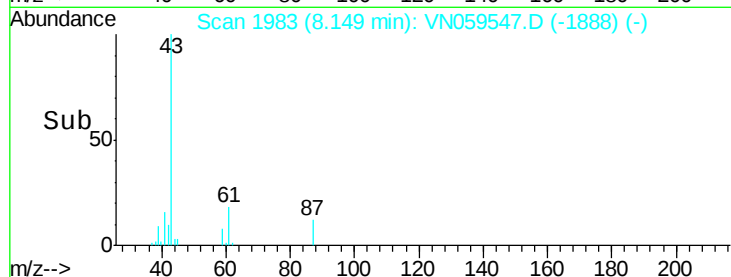
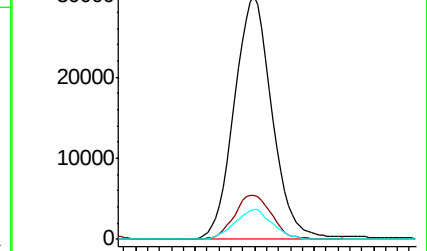
87 12.1 9.4 14.2



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) (-)



#50

Toluene-d8

Concen: 51.498 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059547.D

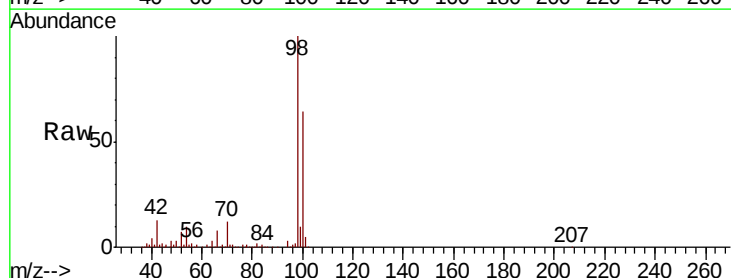
Acq: 10 Dec 2019 15:10

Tgt Ion: 98 Resp: 508505

Ion Ratio Lower Upper

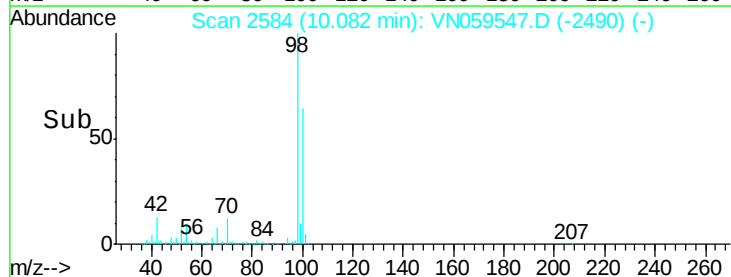
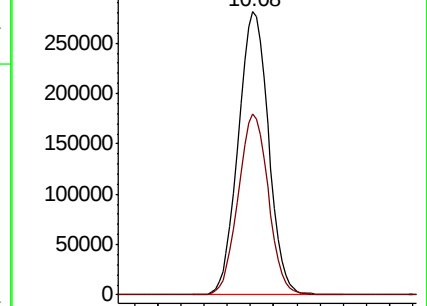
98 100

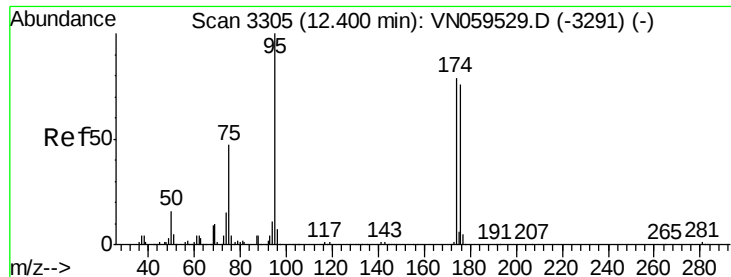
100 63.7 51.8 77.8



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

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





#62

4-Bromofluorobenzene

Concen: 46.525 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059547.D

Acq: 10 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampled :

K072-AB-WC-1

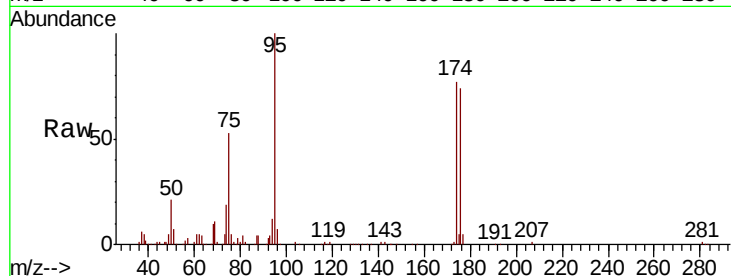
Tot Ion: 95 Resp: 170053

Ion Ratio Lower Upper

95 100

174 76.1 0.0 158.0

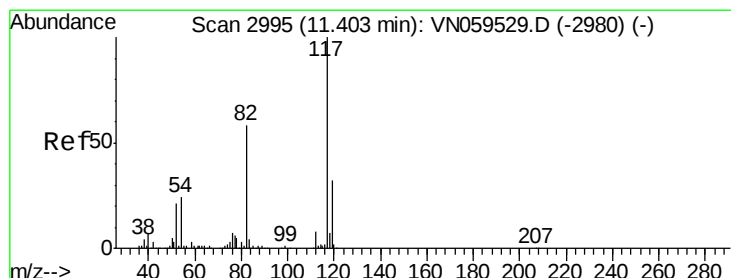
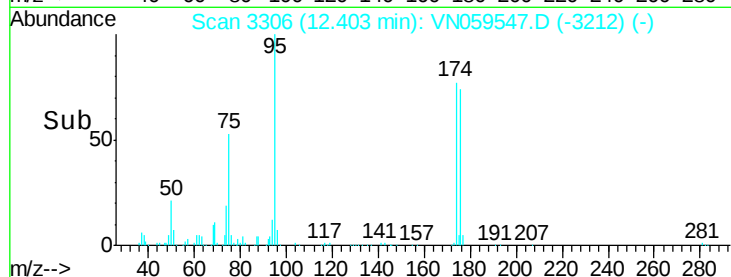
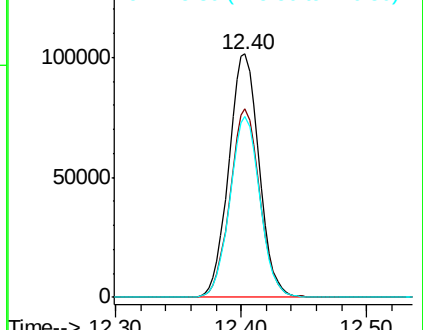
176 73.6 0.0 155.4



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: VN059547.D

Acq: 10 Dec 2019 15:10

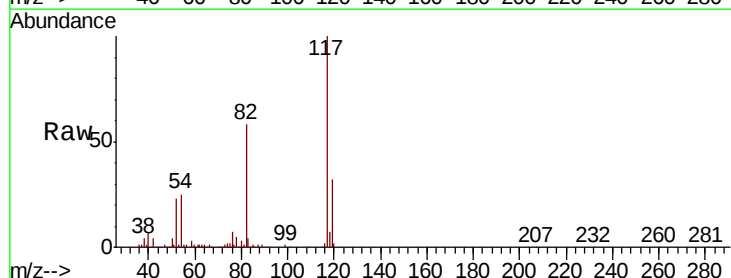
Tgt Ion: 117 Resp: 369526

Ion Ratio Lower Upper

117 100

82 57.5 46.5 69.7

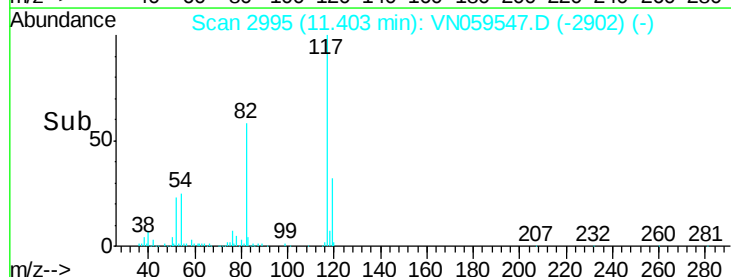
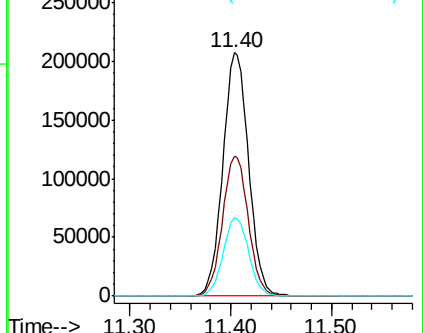
119 32.0 25.2 37.8

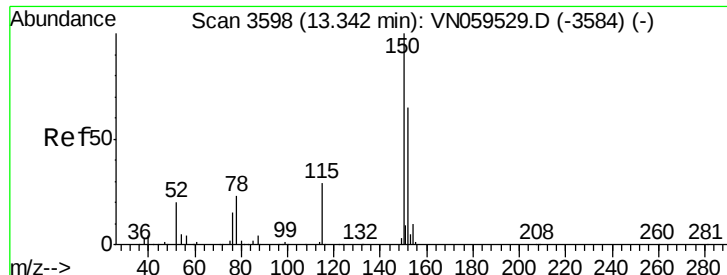


Abundance Ion 116.90 (116.60 to 117.60): VN059529.D (-2980) (-)

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: VN059547.D

Acq: 10 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

K072-AB-WC-1

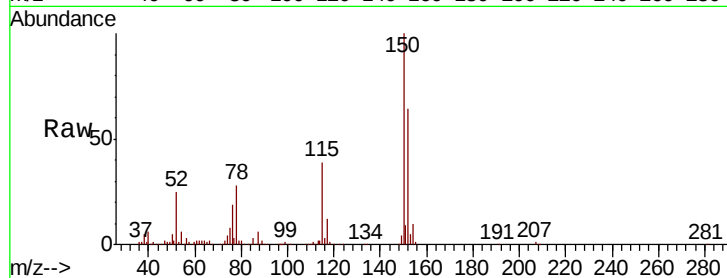
Tot Ion:152 Resp: 148546

Ion Ratio Lower Upper

152 100

115 61.6 29.4 88.2

150 158.8 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

