

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059729.D
 Acq On : 16 Jan 2020 14:08
 Operator : JC/MD
 Sample : L1136-10ME
 Misc : 5.27g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB458_200113_23-25ME

Quant Time: Jan 17 07:44:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

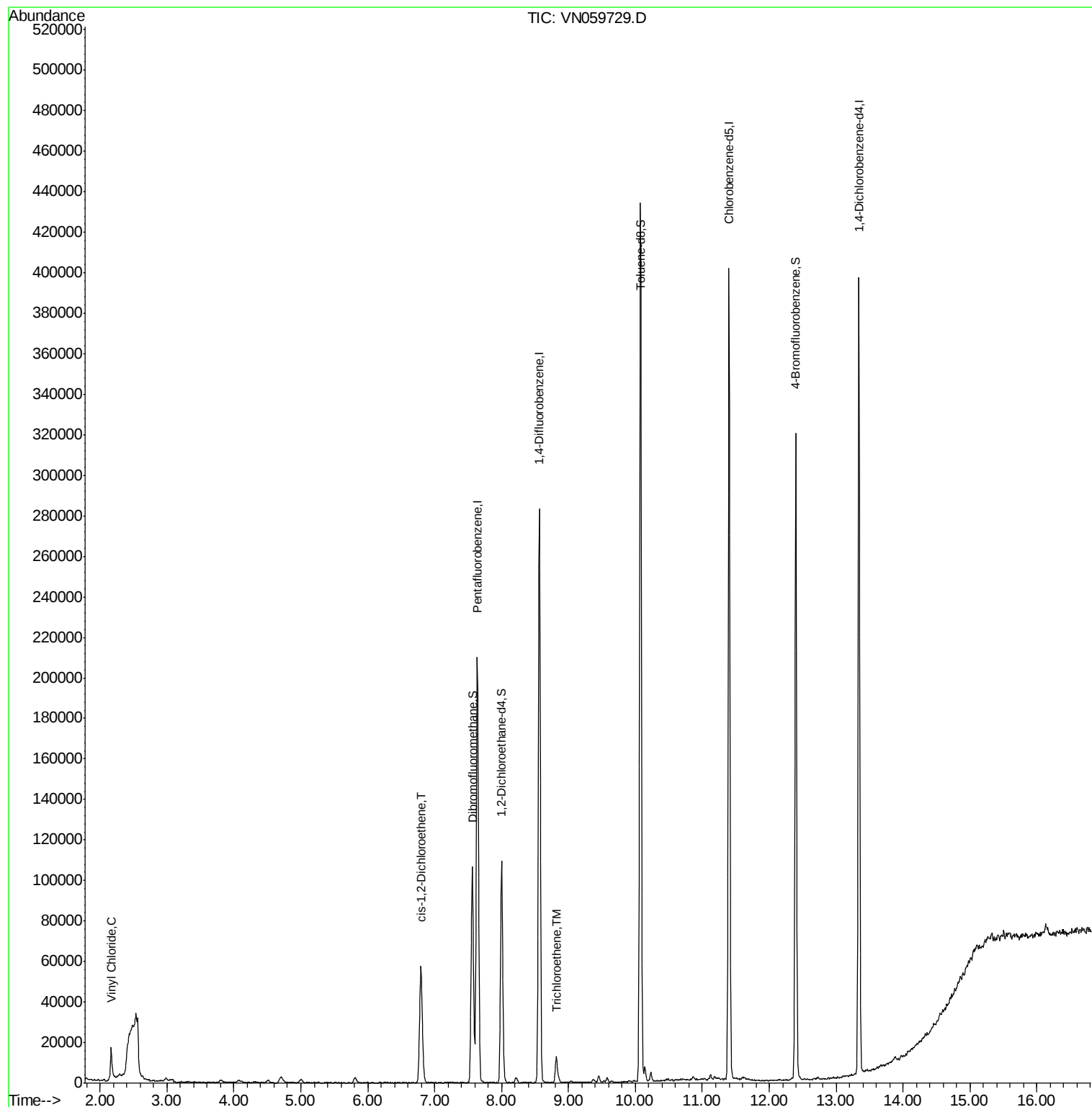
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	266836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	233067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	94275	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
35) Dibromofluoromethane	7.56	113	80171	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.08	98	304984	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	106876	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
4) Vinyl Chloride	2.17	62	14885	6.294	ug/l	93
27) cis-1,2-Dichloroethene	6.80	96	39313	19.467	ug/l	77
44) Trichloroethene	8.82	130	4959	2.621	ug/l	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

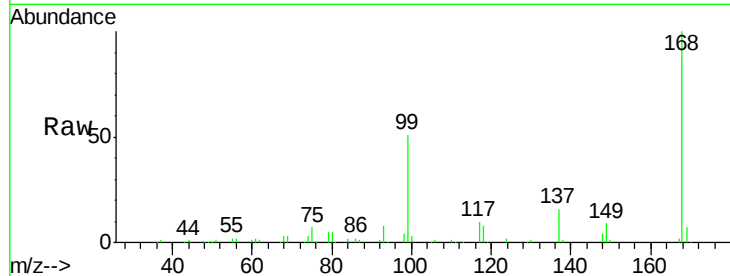
WP022SB458_200113_23-25ME

Tot Ion:168 Resp: 180538

Ion Ratio Lower Upper

168 100

99 50.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

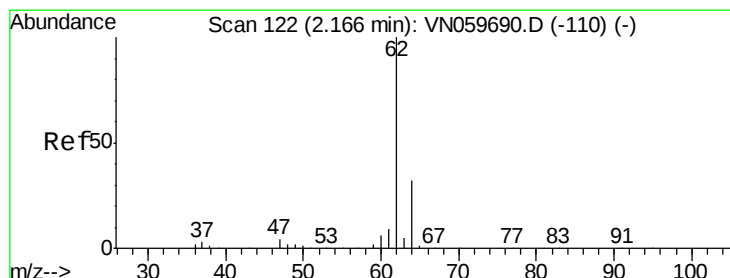
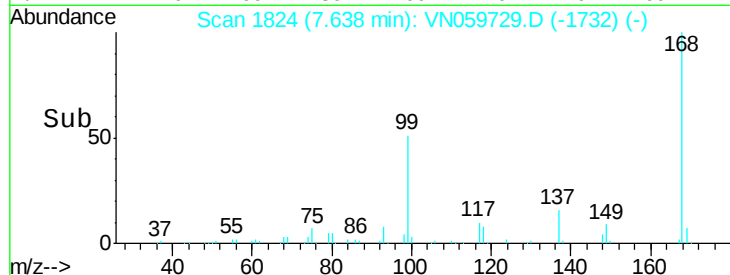
40000

20000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#4

Vinyl Chloride

Concen: 6.294 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059729.D

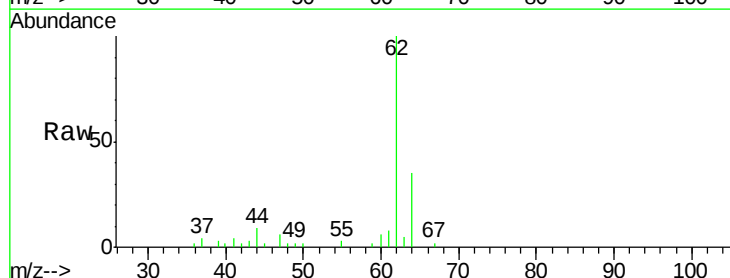
Acq: 16 Jan 2020 14:08

Tgt Ion: 62 Resp: 14885

Ion Ratio Lower Upper

62 100

64 34.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

10000

8000

6000

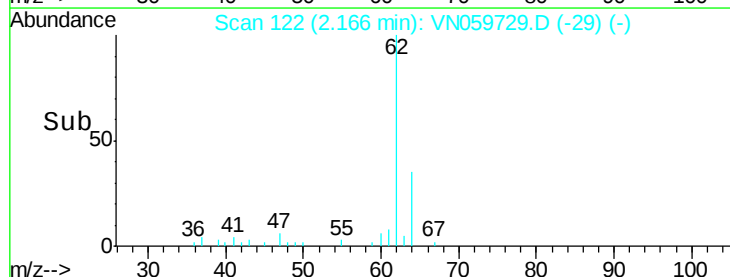
4000

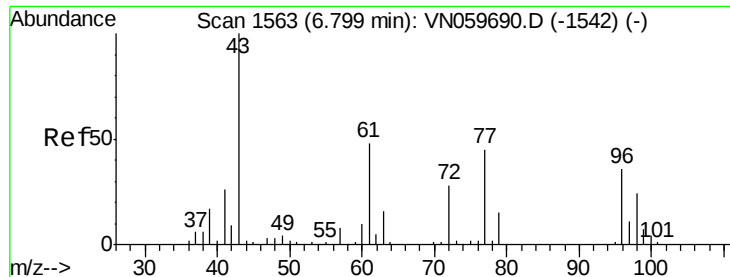
2000

0

Time-->

2.10 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 19.467 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

WP022SB458_200113_23-25ME

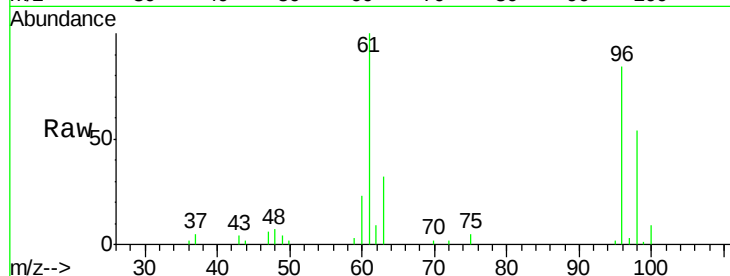
Tot Ion: 96 Resp: 39313

Ion Ratio Lower Upper

96 100

61 117.6 0.0 317.6

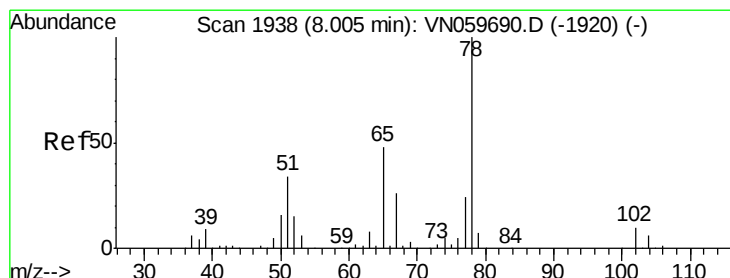
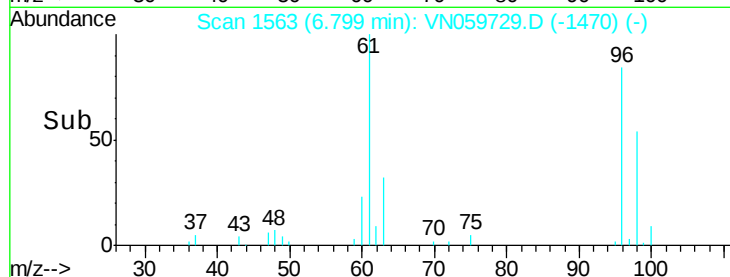
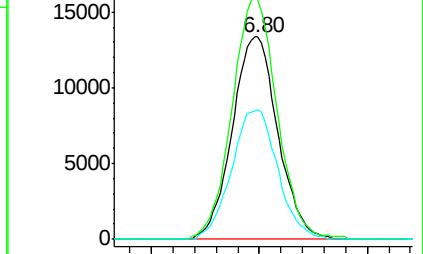
98 64.4 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059729.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059729.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059729.D (-1470) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.022 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059729.D

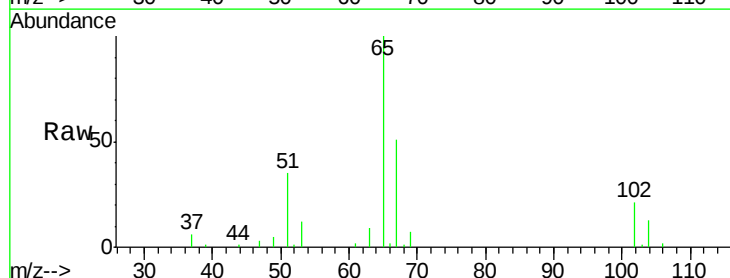
Acq: 16 Jan 2020 14:08

Tgt Ion: 65 Resp: 94275

Ion Ratio Lower Upper

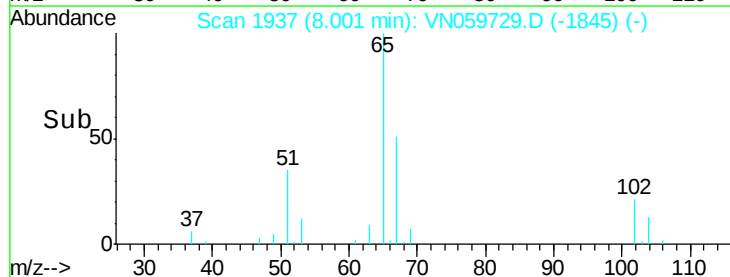
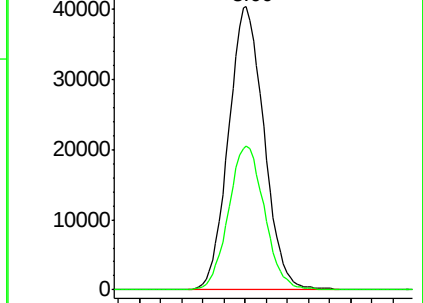
65 100

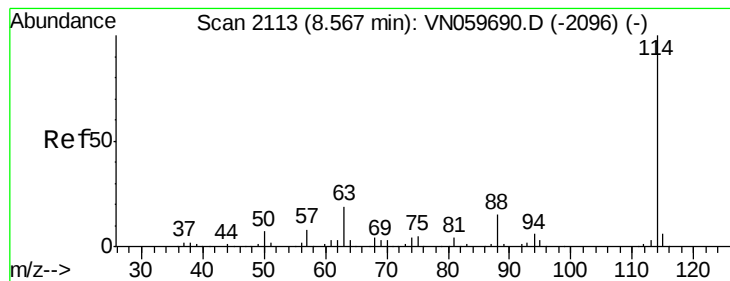
67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059729.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059729.D (-1845) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

WP022SB458_200113_23-25ME

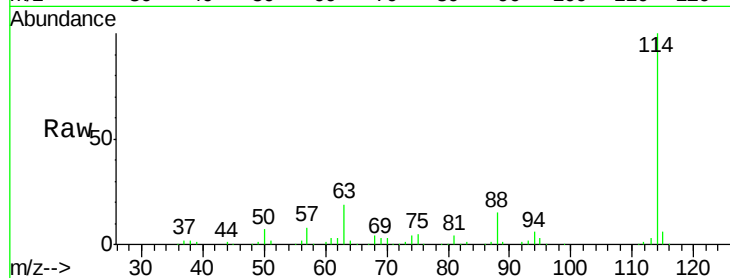
Tot Ion:114 Resp: 266836

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.6

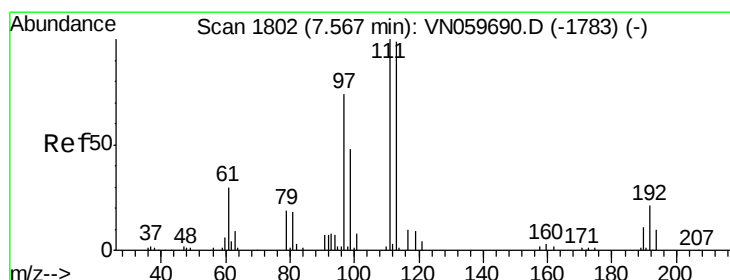
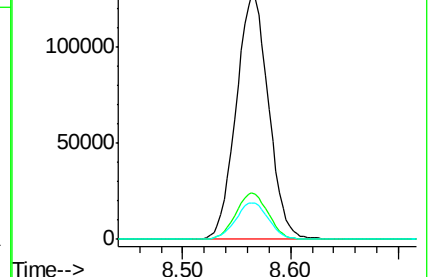
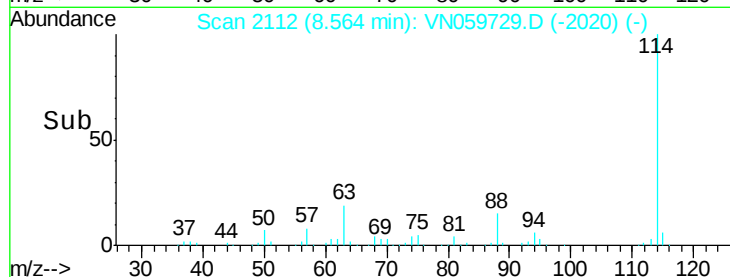
88 15.1 0.0 31.4



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: 50.382 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

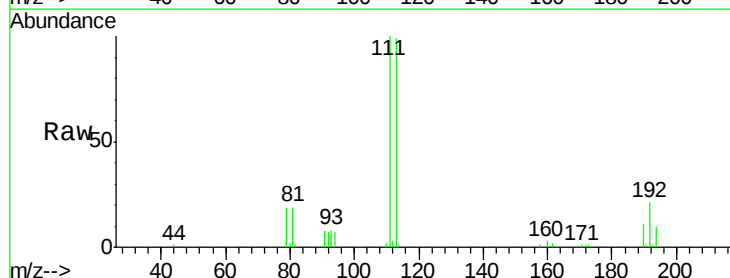
Tgt Ion:113 Resp: 80171

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

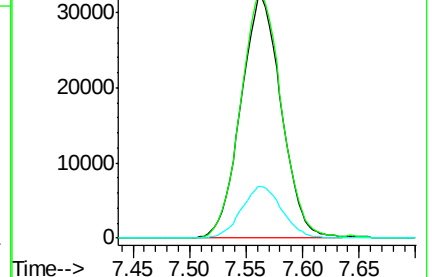
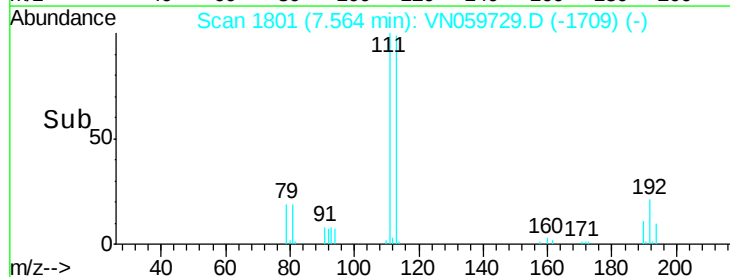
192 21.4 15.4 23.2

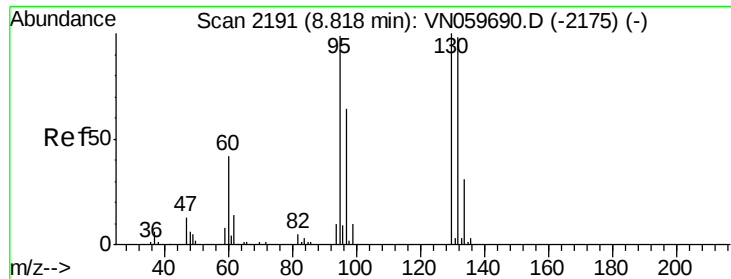


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.621 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

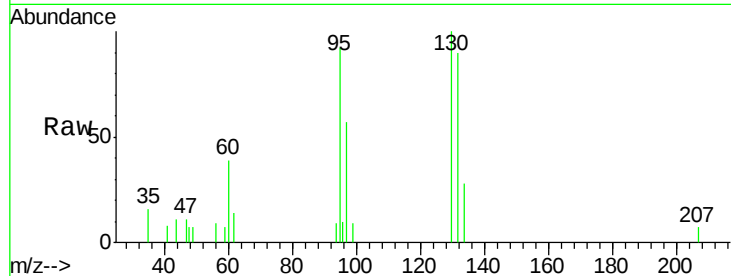
WP022SB458_200113_23-25ME

Tot Ion:130 Resp: 4959

Ion Ratio Lower Upper

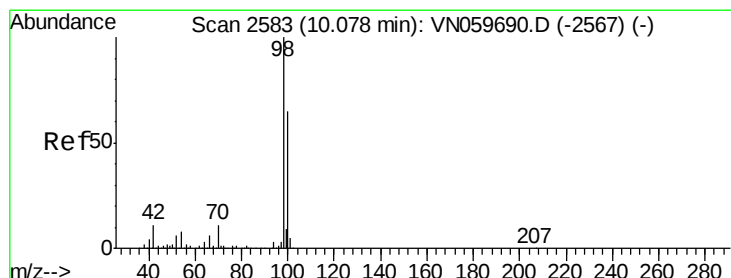
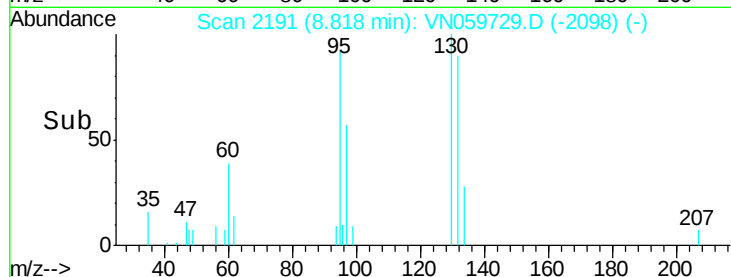
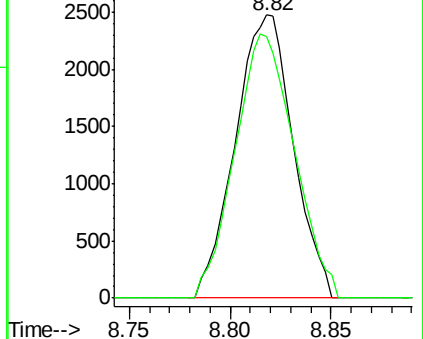
130 100

95 92.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059690.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059690.D (-2175) (-)



#50

Toluene-d8

Concen: 49.467 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059729.D

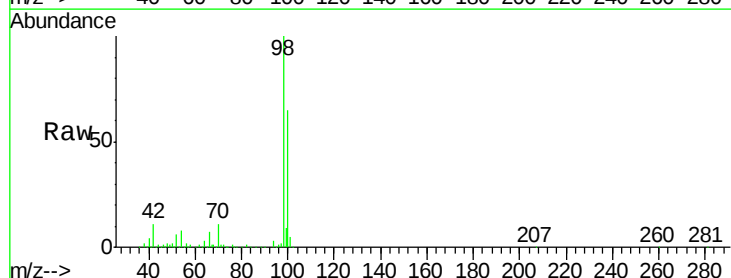
Acq: 16 Jan 2020 14:08

Tgt Ion: 98 Resp: 304984

Ion Ratio Lower Upper

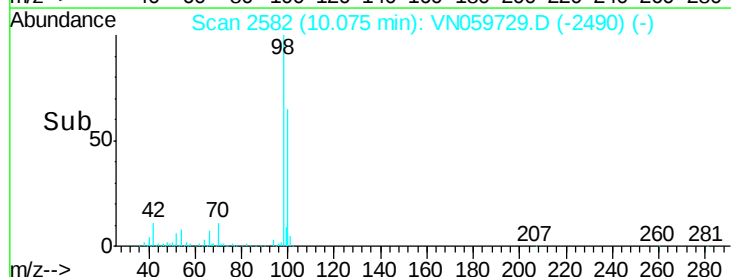
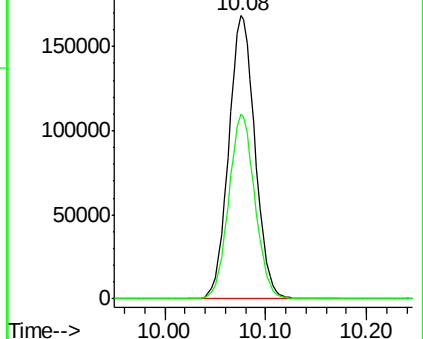
98 100

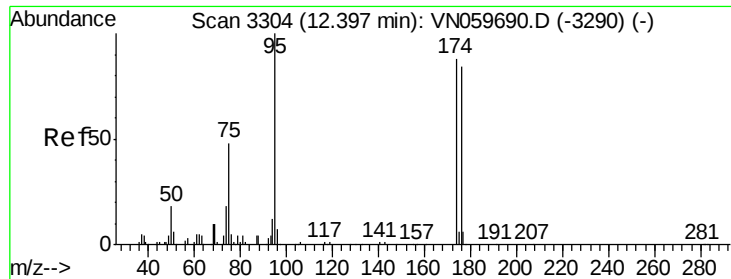
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059690.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 48.086 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

WP022SB458_200113_23-25ME

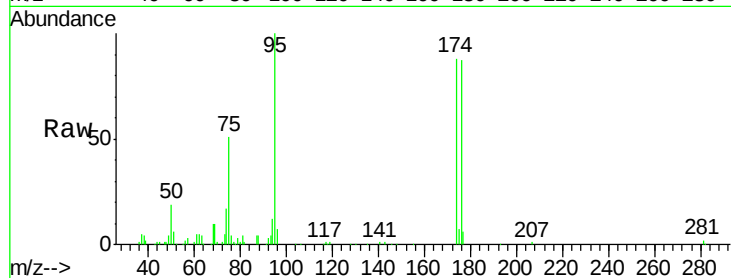
Tot Ion: 95 Resp: 106876

Ion Ratio Lower Upper

95 100

174 88.6 0.0 151.4

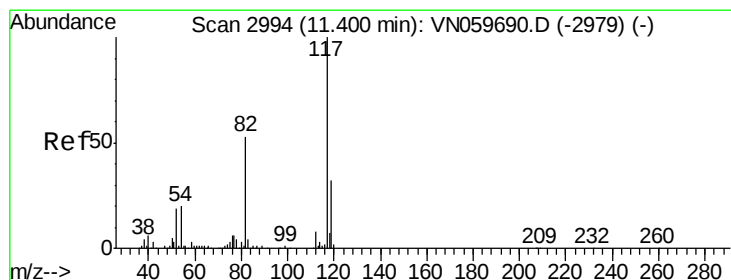
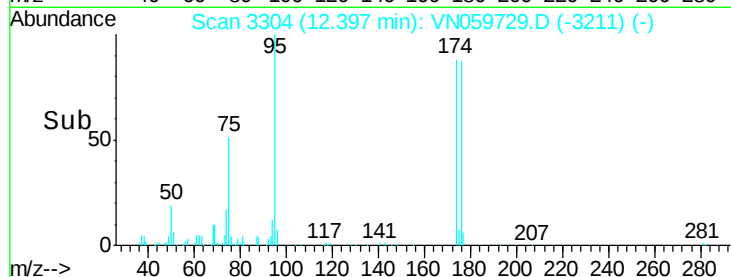
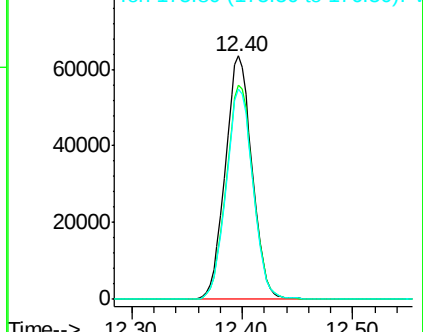
176 86.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059729.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059729.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059729.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

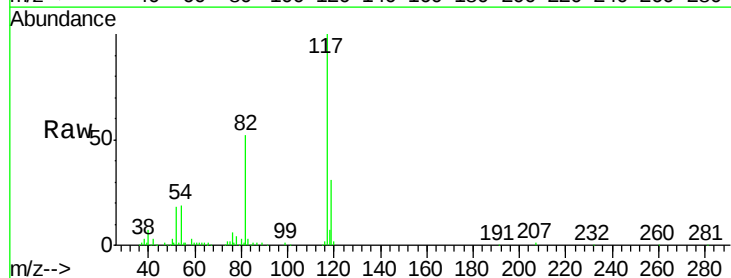
Tgt Ion: 117 Resp: 233067

Ion Ratio Lower Upper

117 100

82 51.9 45.9 68.9

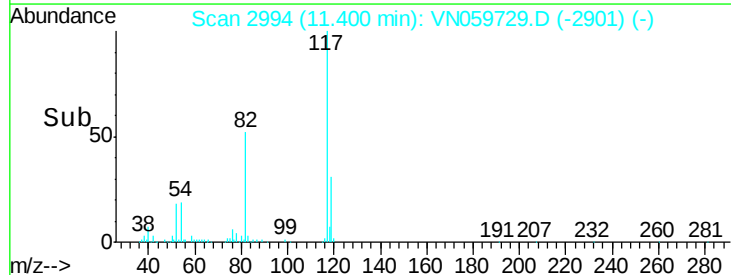
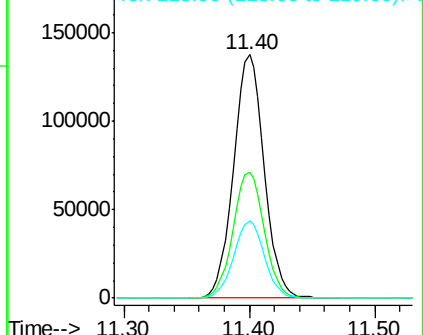
119 31.5 25.5 38.3

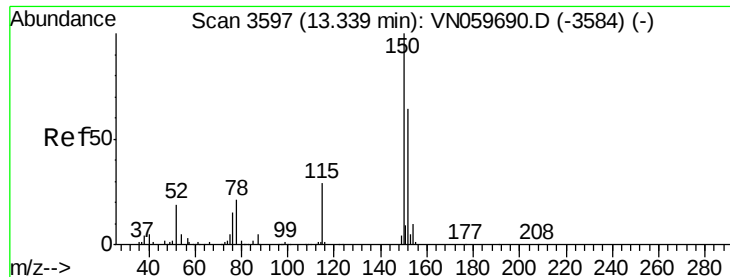


Abundance Ion 116.90 (116.60 to 117.60): VN059729.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059729.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059729.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059729.D

Acq: 16 Jan 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

WP022SB458_200113_23-25ME

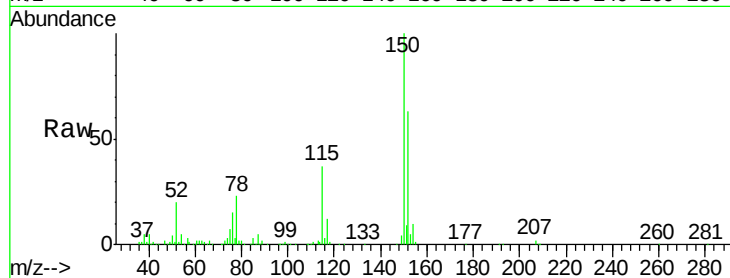
Tot Ion:152 Resp: 108742

Ion Ratio Lower Upper

152 100

115 58.1 30.3 90.9

150 157.5 0.0 345.2



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

