

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059742.D
 Acq On : 16 Jan 2020 19:12
 Operator : JC/MD
 Sample : L1136-04ME
 Misc : 7.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB457_200113_23-25ME

Quant Time: Jan 17 07:48:39 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

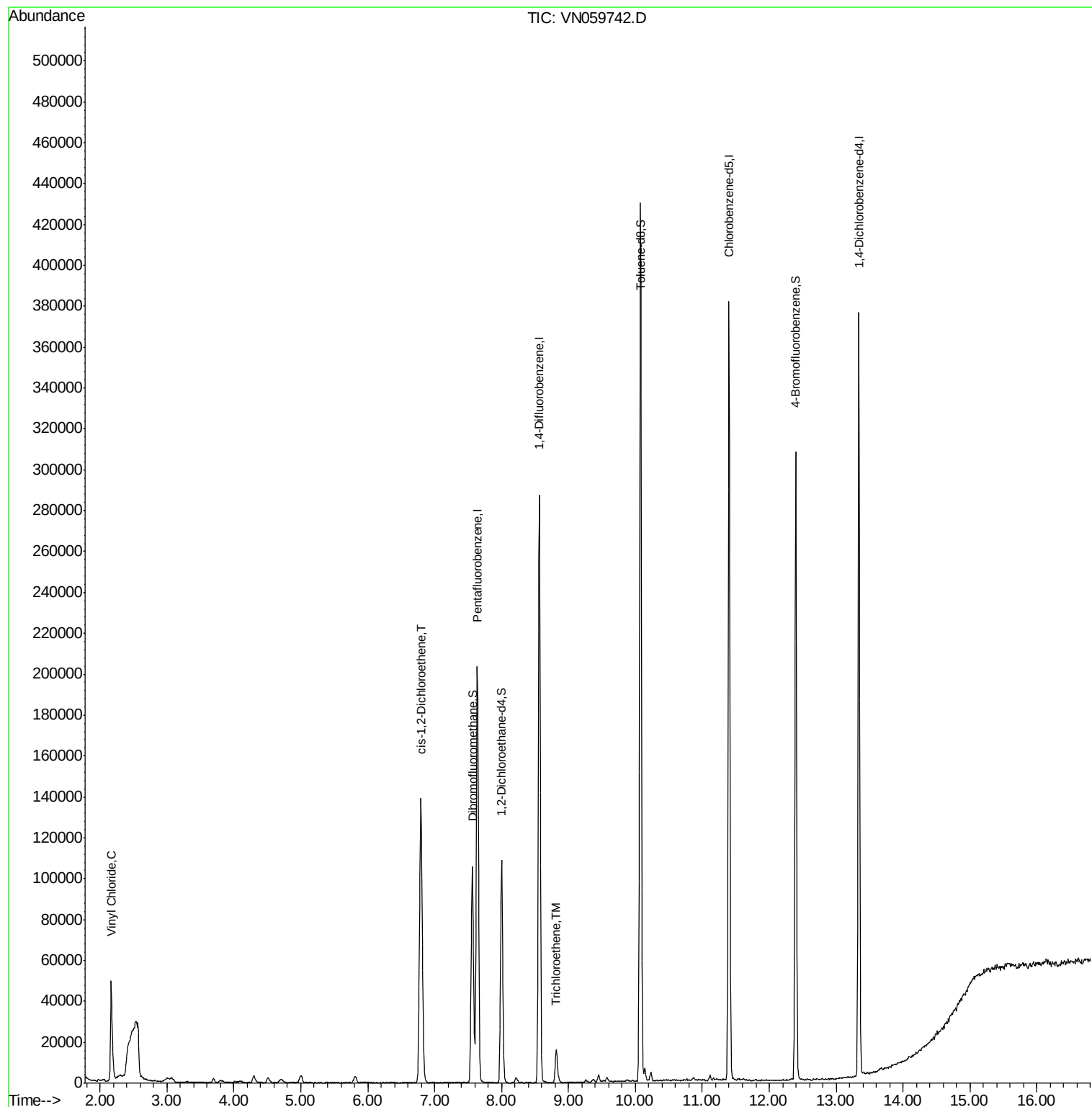
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	265173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	226201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	91300	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
35) Dibromofluoromethane	7.56	113	80924	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.08	98	302253	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	103254	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
4) Vinyl Chloride	2.17	62	51398	22.208	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	98399	49.790	ug/l	77
44) Trichloroethene	8.81	130	6420	3.415	ug/l	87

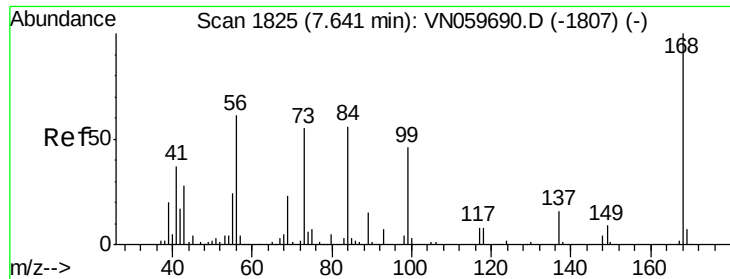
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

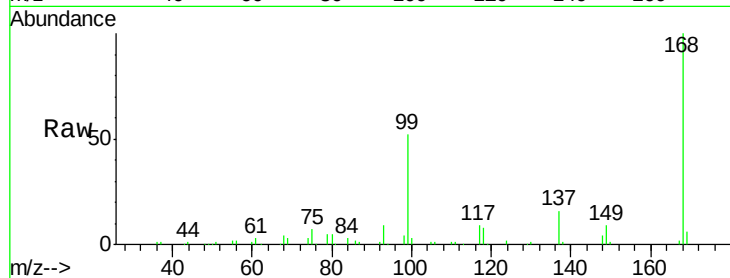
WP022SB457_200113_23-25ME

Tot Ion:168 Resp: 176681

Ion Ratio Lower Upper

168 100

99 51.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

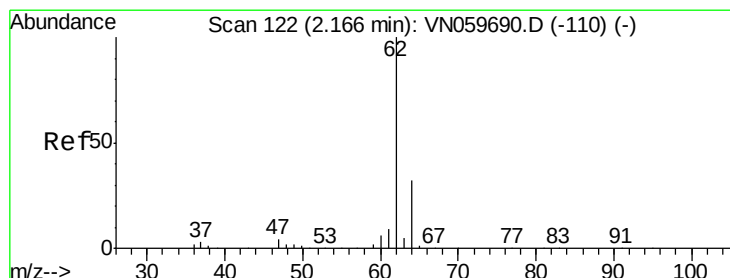
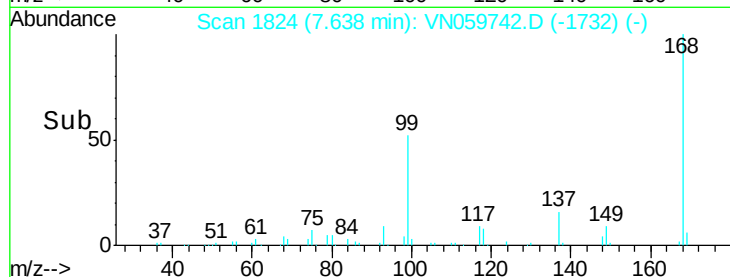
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 22.208 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059742.D

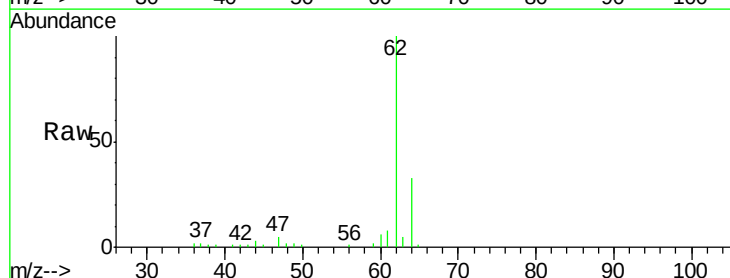
Acq: 16 Jan 2020 19:12

Tgt Ion: 62 Resp: 51398

Ion Ratio Lower Upper

62 100

64 32.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

30000

25000

20000

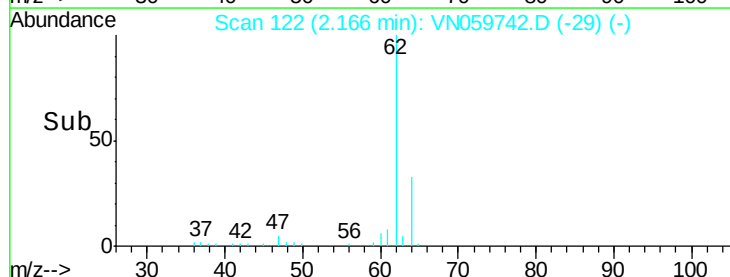
15000

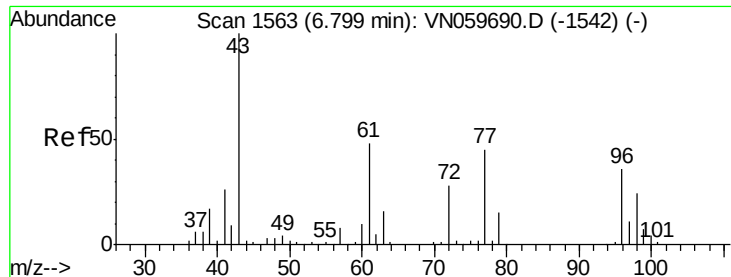
10000

5000

0

Time--> 2.10 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 49.790 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25ME

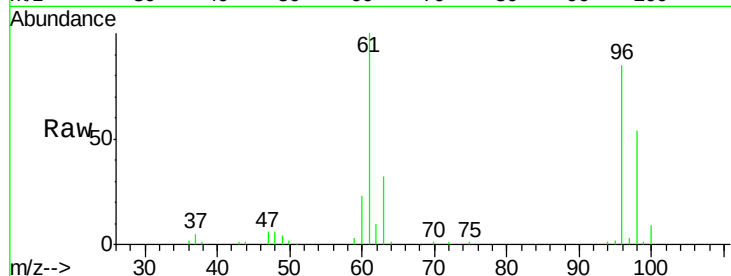
Tot Ion: 96 Resp: 98399

Ion Ratio Lower Upper

96 100

61 117.0 0.0 317.6

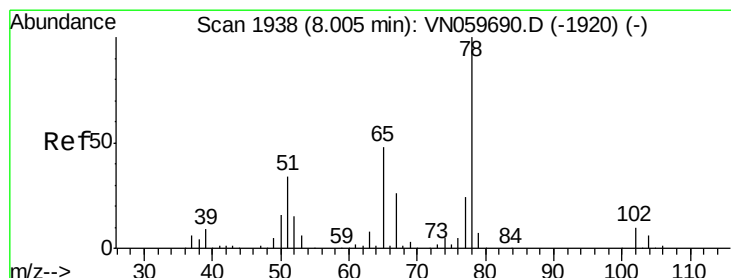
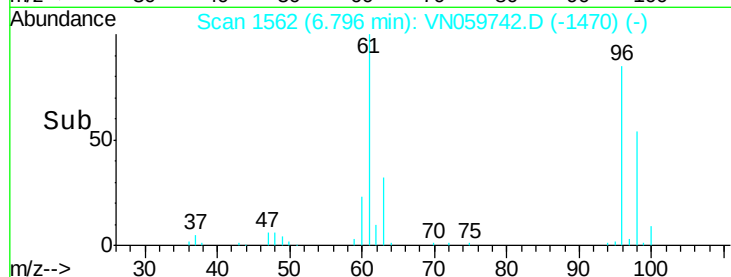
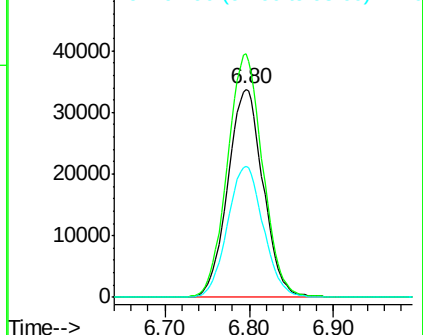
98 63.7 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.532 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059742.D

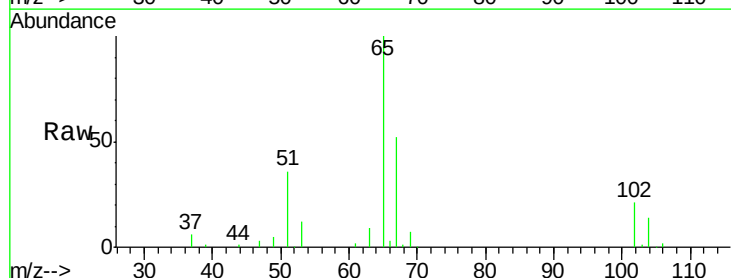
Acq: 16 Jan 2020 19:12

Tgt Ion: 65 Resp: 91300

Ion Ratio Lower Upper

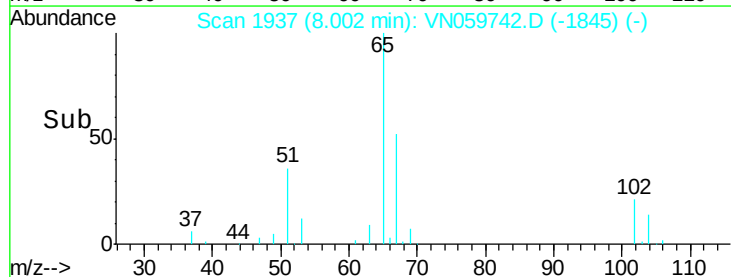
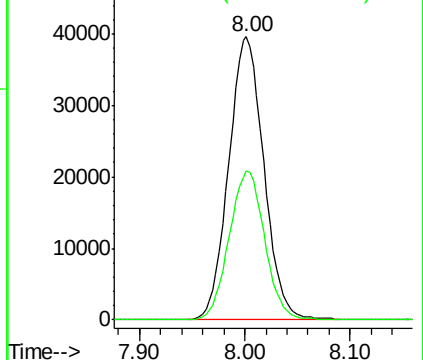
65 100

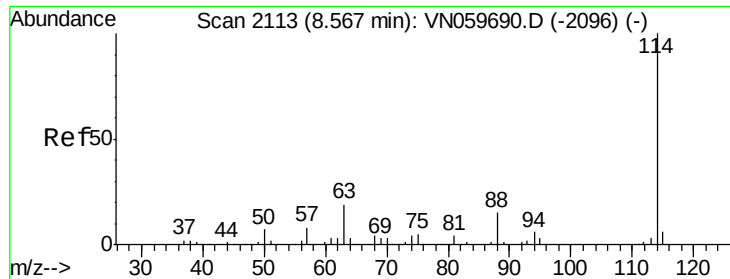
67 53.0 0.0 103.0



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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25ME

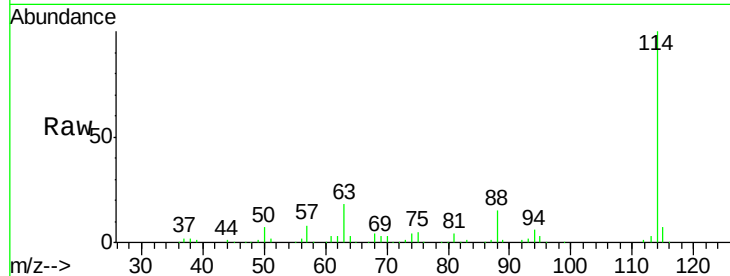
Tot Ion:114 Resp: 265173

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.6

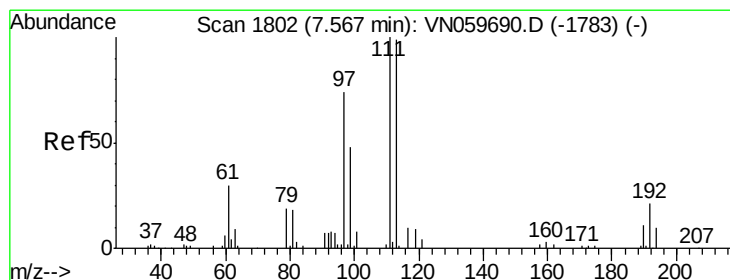
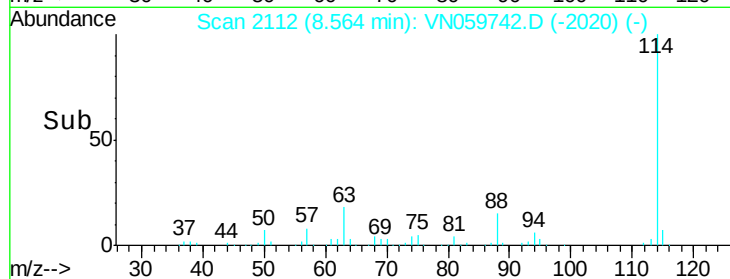
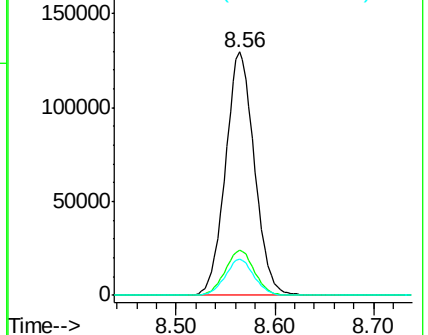
88 14.9 0.0 31.4



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: 51.174 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

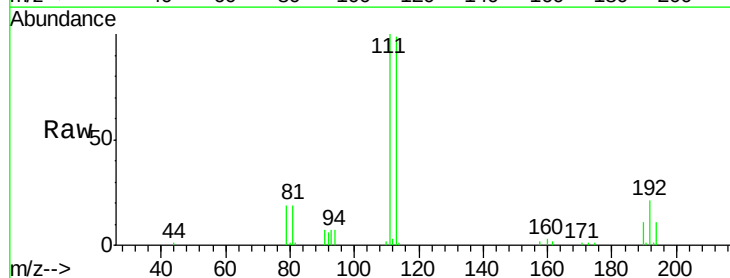
Tgt Ion:113 Resp: 80924

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

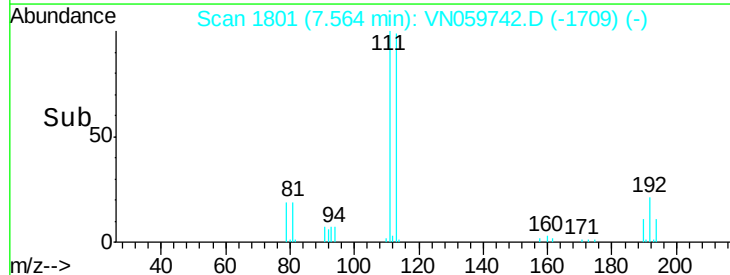
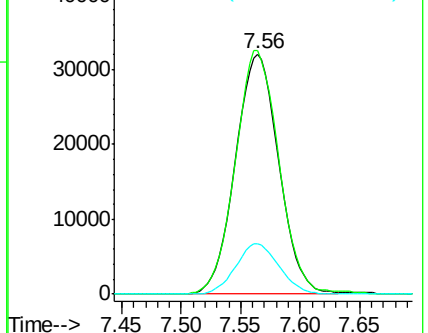
192 21.0 15.4 23.2

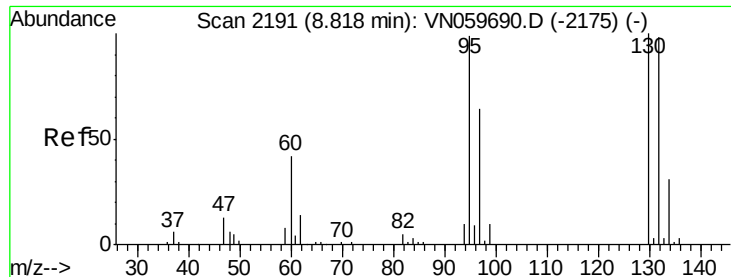


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.415 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

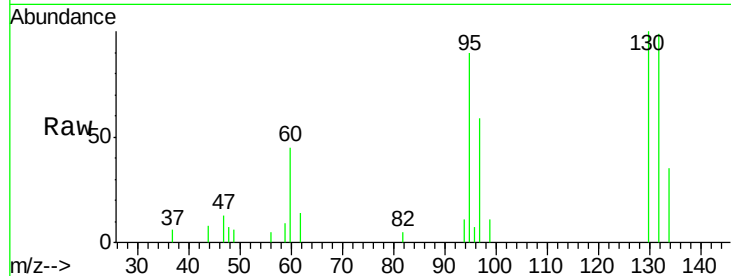
WP022SB457_200113_23-25ME

Tot Ion:130 Resp: 6420

Ion Ratio Lower Upper

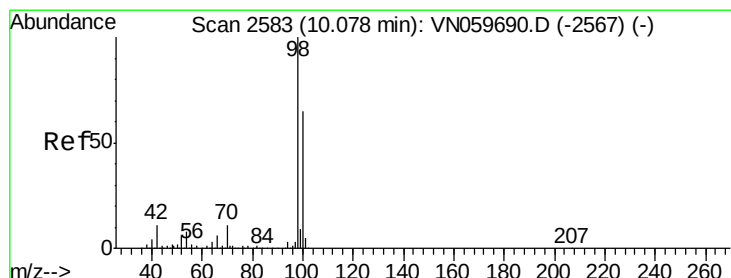
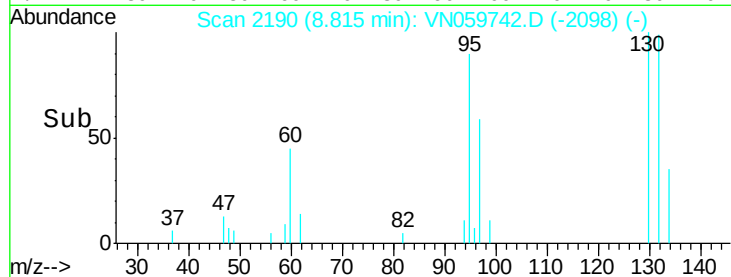
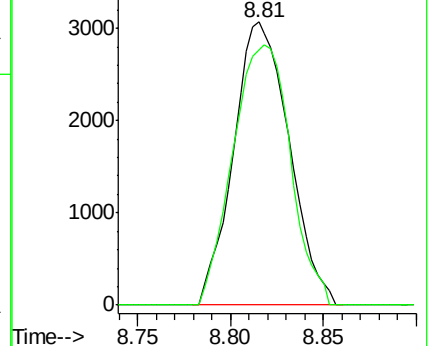
130 100

95 90.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#50

Toluene-d8

Concen: 49.332 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059742.D

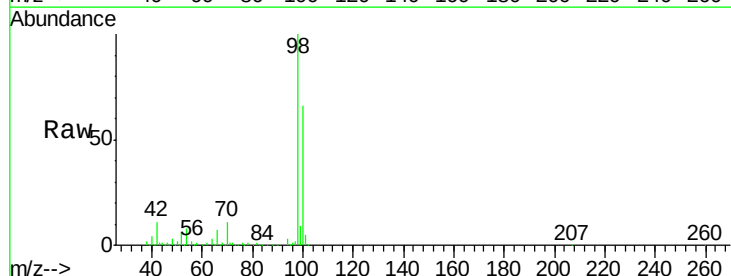
Acq: 16 Jan 2020 19:12

Tgt Ion: 98 Resp: 302253

Ion Ratio Lower Upper

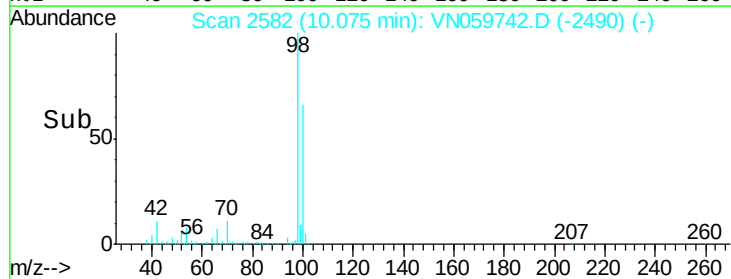
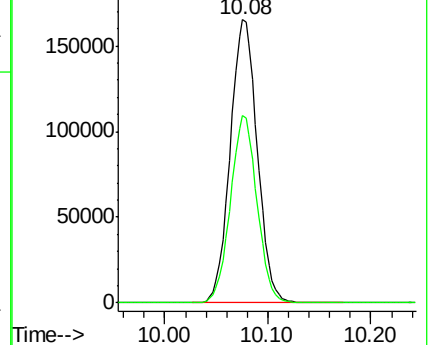
98 100

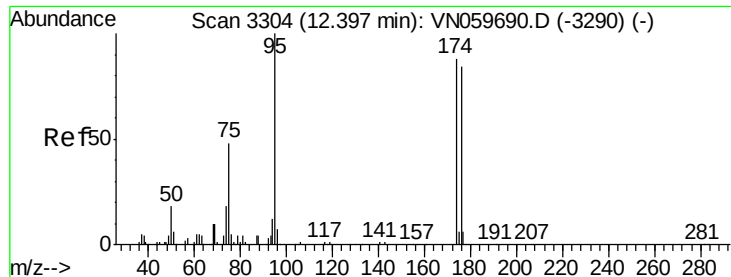
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.748 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25ME

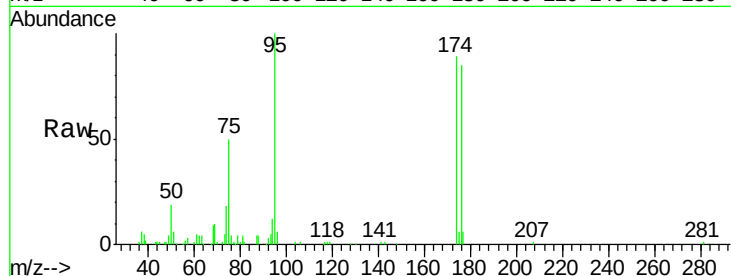
Tot Ion: 95 Resp: 103254

Ion Ratio Lower Upper

95 100

174 87.7 0.0 151.4

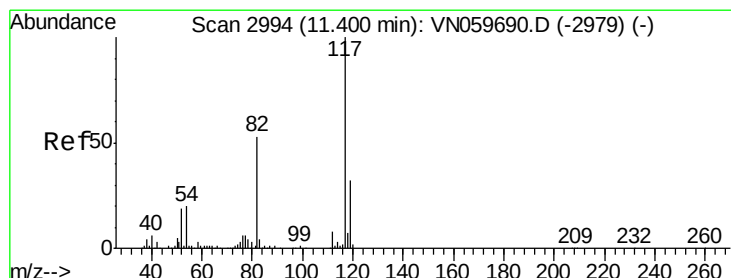
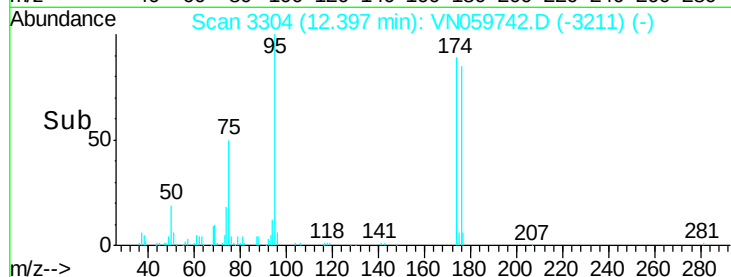
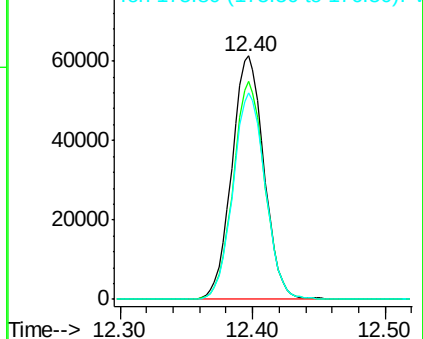
176 85.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059742.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059742.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059742.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059742.D

Acq: 16 Jan 2020 19:12

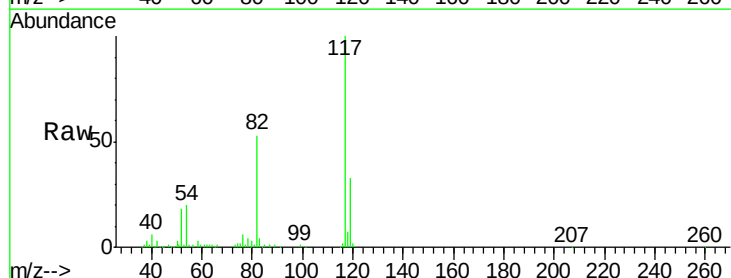
Tgt Ion: 117 Resp: 226201

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

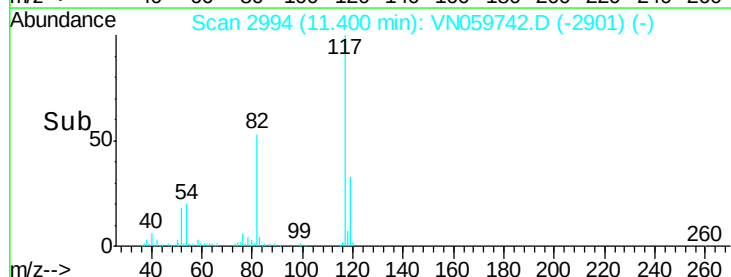
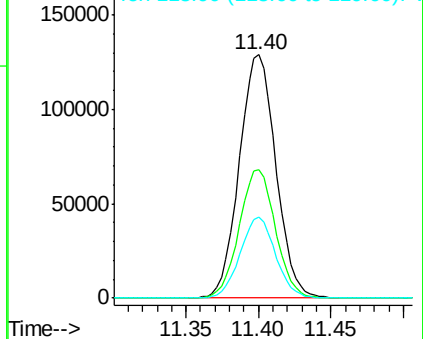
119 33.1 25.5 38.3

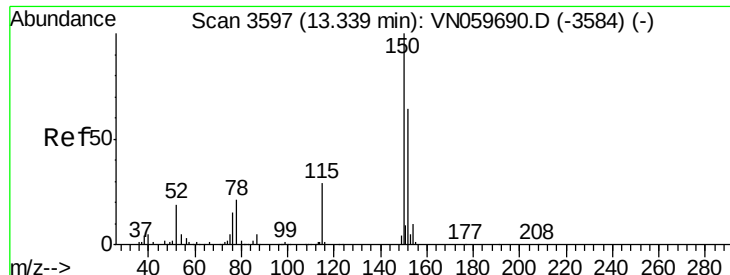


Abundance Ion 116.90 (116.60 to 117.60): VN059742.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059742.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059742.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: VN059742.D

Acq: 16 Jan 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

WP022SB457_200113_23-25ME

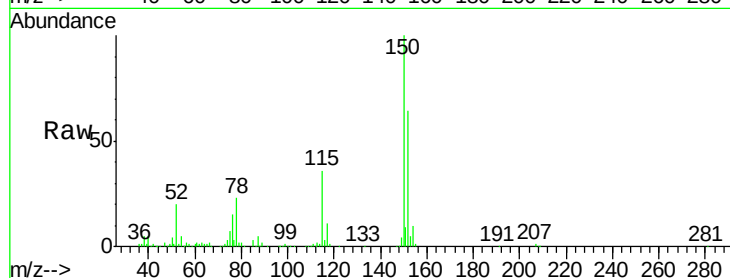
Tot Ion:152 Resp: 101452

Ion Ratio Lower Upper

152 100

115 57.4 30.3 90.9

150 156.0 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

