

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012059.D
 Acq On : 04 Sep 2019 18:35
 Operator : SY/SP
 Sample : K4546-07RE
 Misc : 6.16g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C4-(0)RE

Quant Time: Sep 05 05:42:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

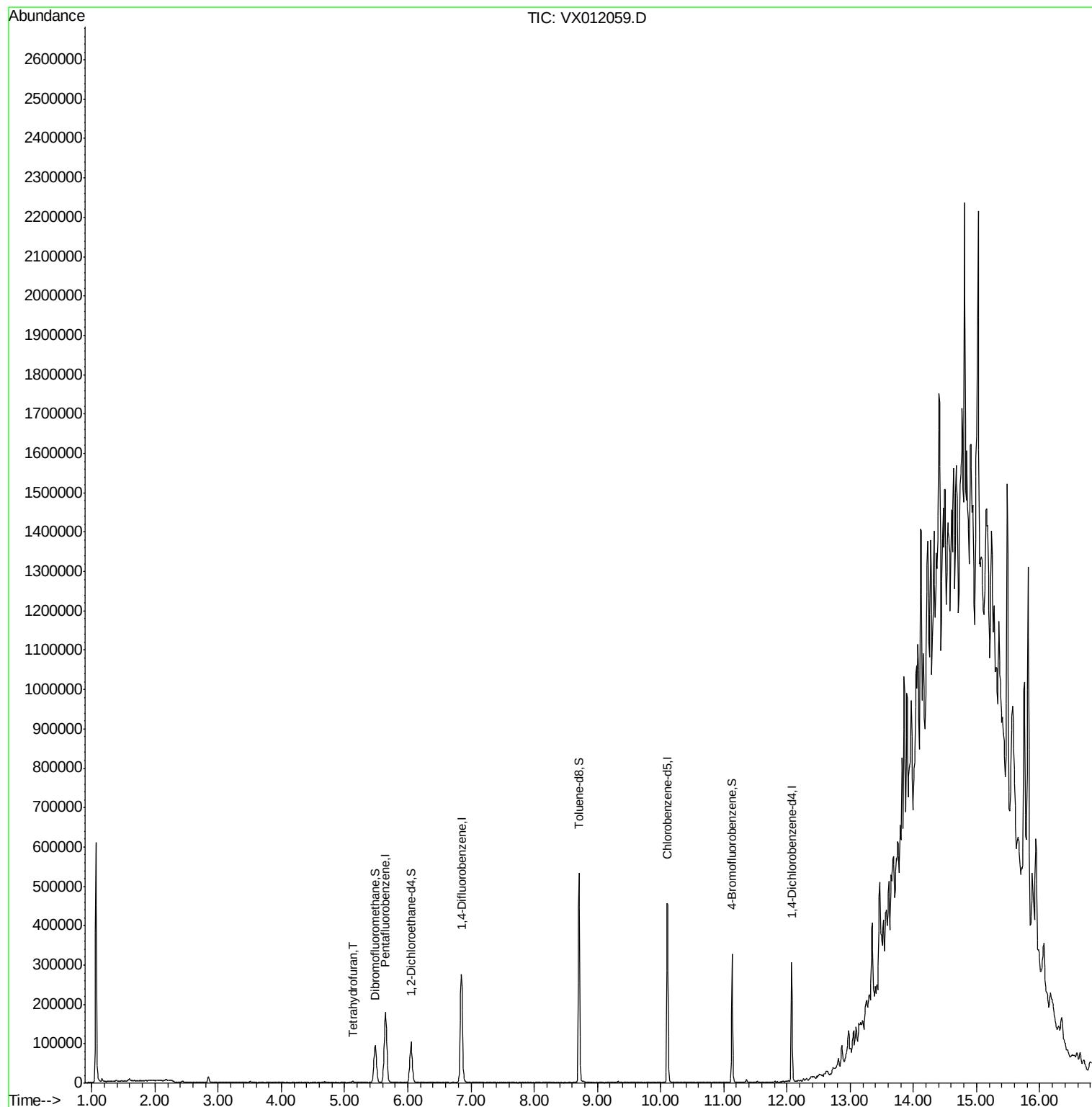
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	56108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103265	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	5.48	113	80791	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	299578	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.14	95	95053	33.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.22%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	3167	8.168	ug/l #	73

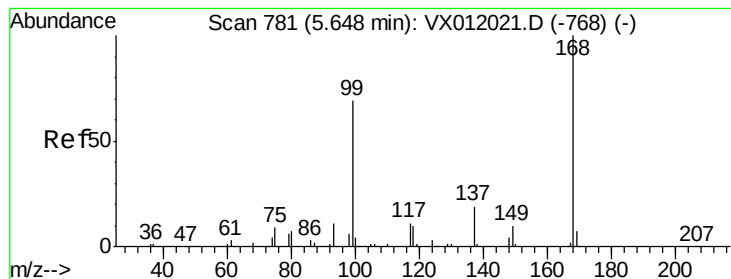
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 04 Sep 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

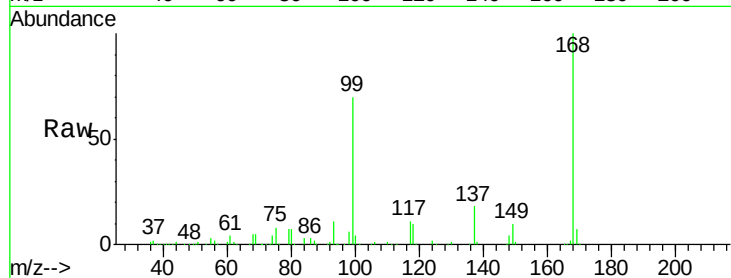
T3-S-C4-(0)RE

Tot Ion:168 Resp: 153283

Ion Ratio Lower Upper

168 100

99 69.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

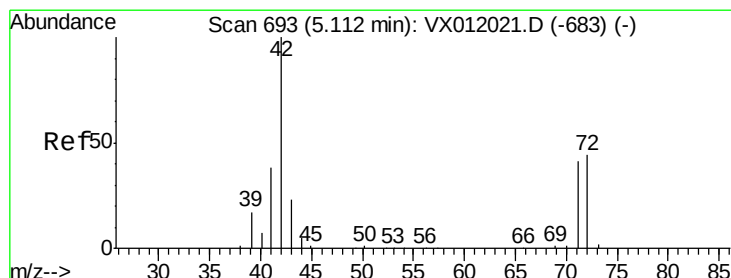
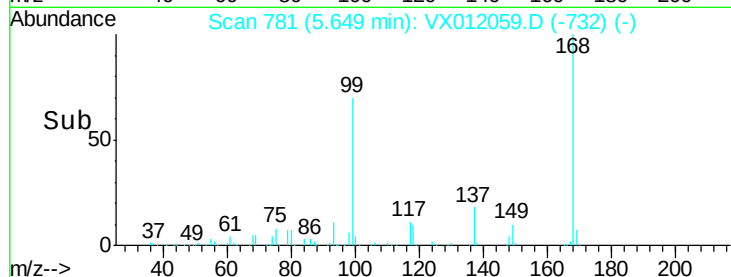
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 8.168 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012059.D

Acq: 04 Sep 2019 18:35

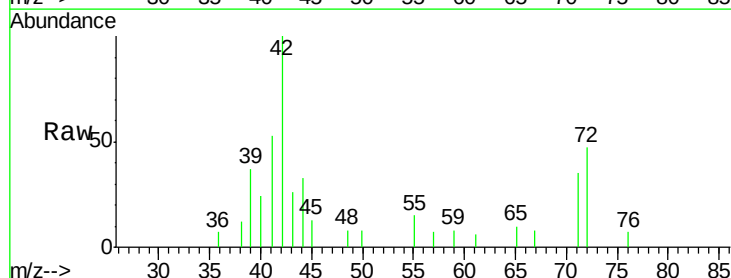
Tgt Ion: 42 Resp: 3167

Ion Ratio Lower Upper

42 100

72 34.8 37.0 55.4#

71 18.6 33.8 50.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

1200

1000

800

600

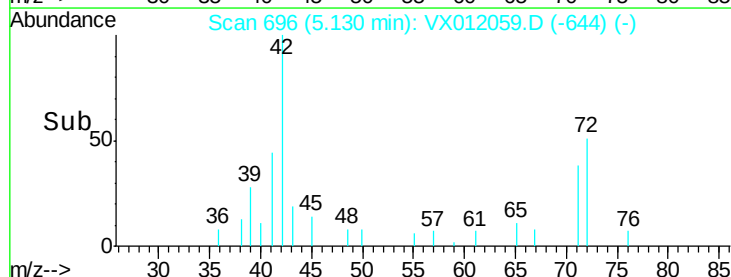
400

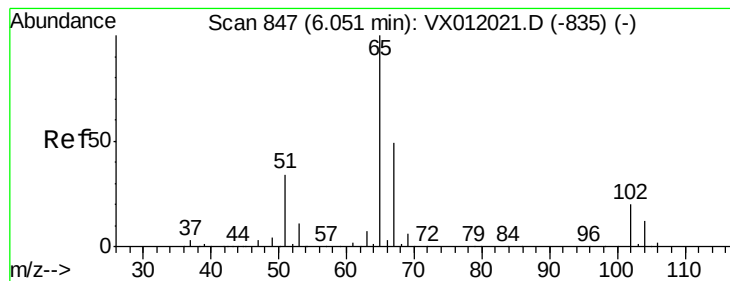
200

0

Time-->

5.00 5.10 5.20





#33

1,2-Dichloroethane-d4

Concen: 48.825 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012059.D

Acq: 04 Sep 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

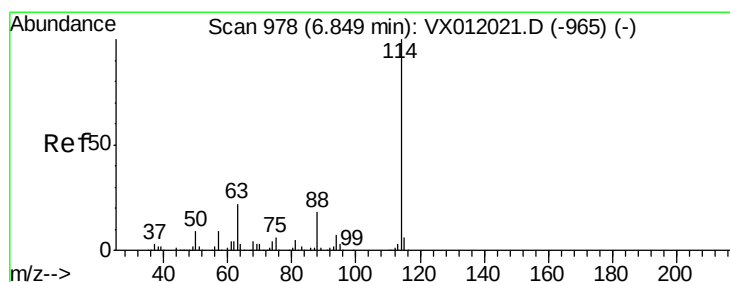
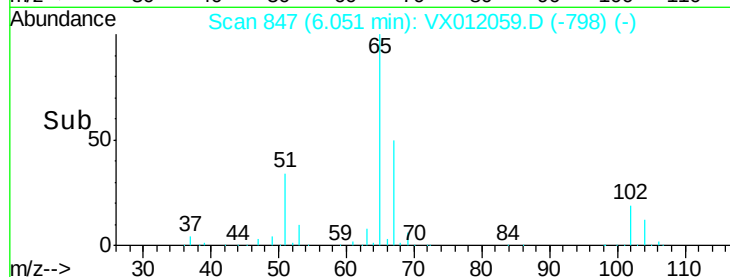
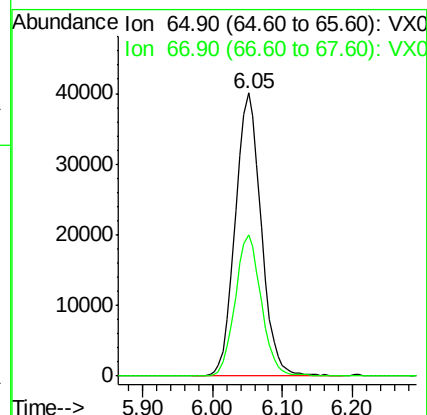
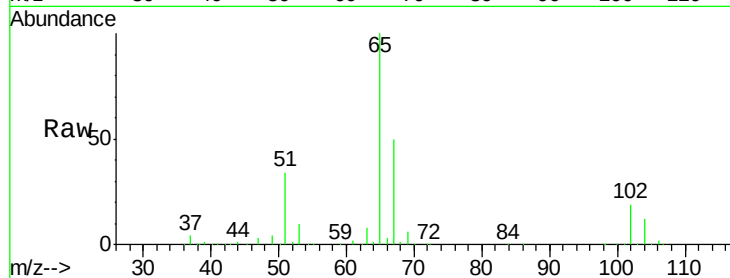
T3-S-C4-(0)RE

Tot Ion: 65 Resp: 103265

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012059.D

Acq: 04 Sep 2019 18:35

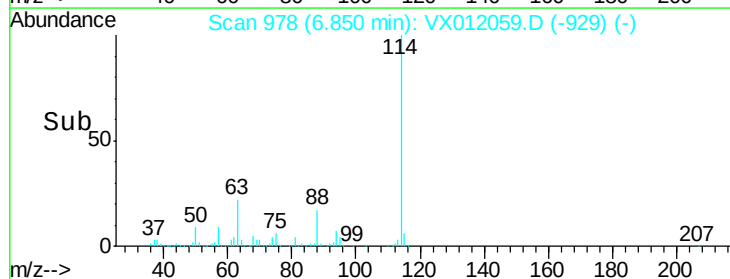
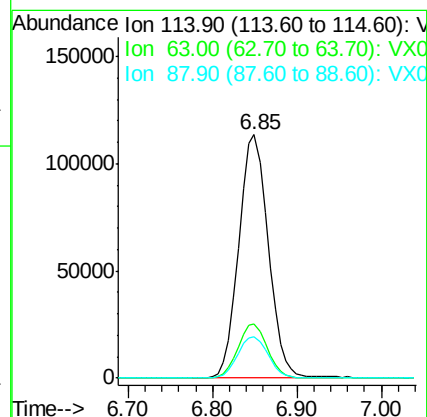
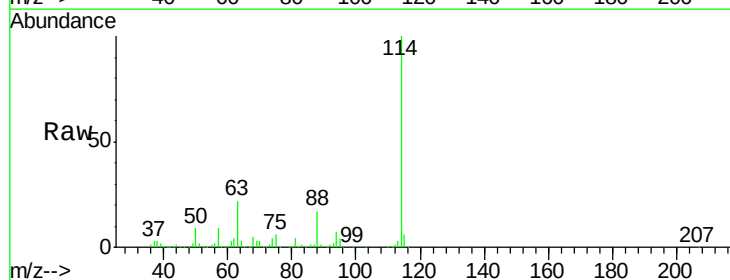
Tgt Ion: 114 Resp: 269473

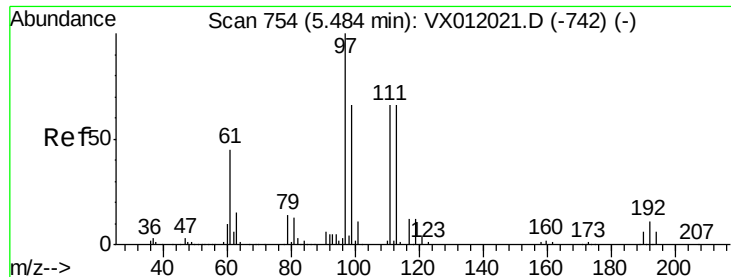
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

88 17.2 0.0 29.6

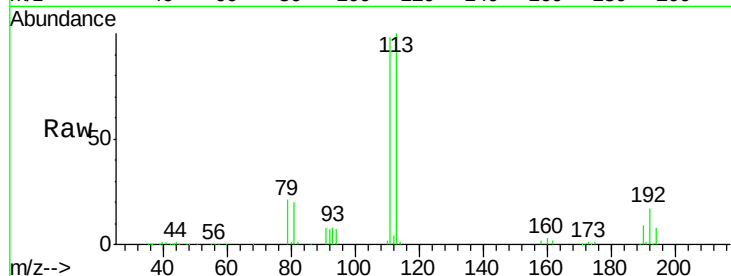




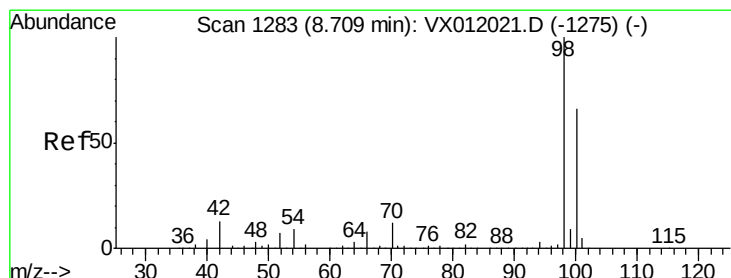
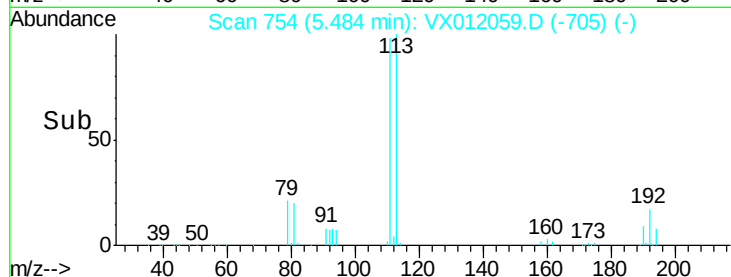
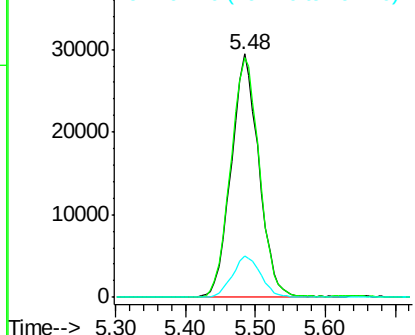
#35
Dibromofluoromethane
Concen: 48.752 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012059.D
Acq: 04 Sep 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C4-(0)RE

Tot Ion:113 Resp: 80791
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 17.5 22.5 33.7#

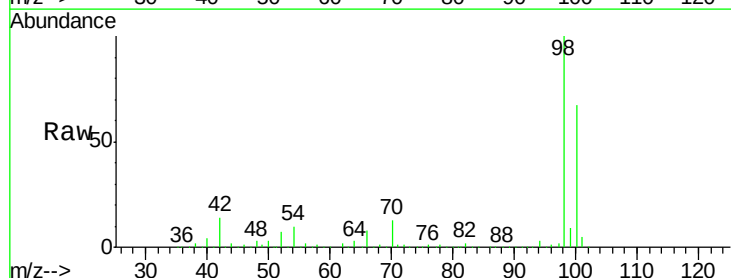


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

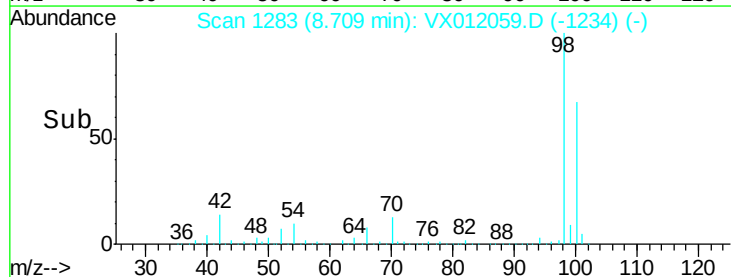
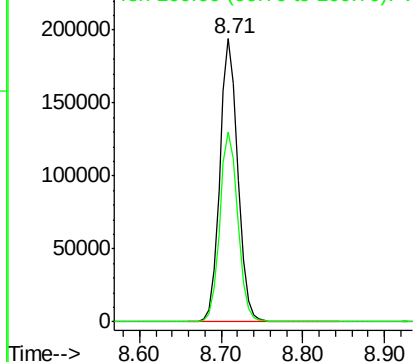


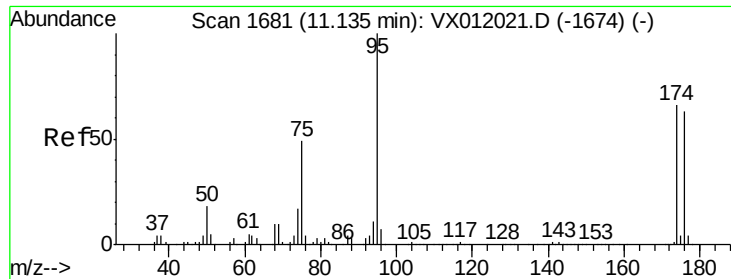
#50
Toluene-d8
Concen: 49.264 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012059.D
Acq: 04 Sep 2019 18:35

Tgt Ion: 98 Resp: 299578
Ion Ratio Lower Upper
98 100
100 67.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 33.611 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012059.D

Acq: 04 Sep 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C4-(0)RE

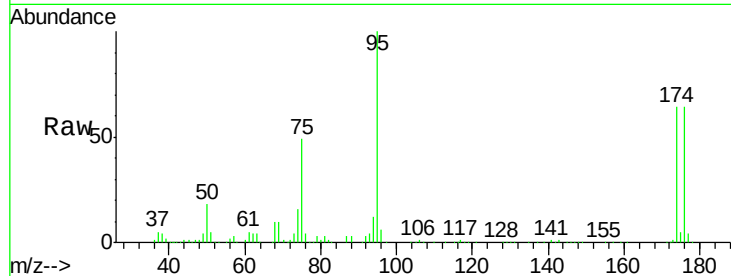
Tot Ion: 95 Resp: 95053

Ion Ratio Lower Upper

95 100

174 61.1 0.0 205.4

176 60.1 0.0 201.8

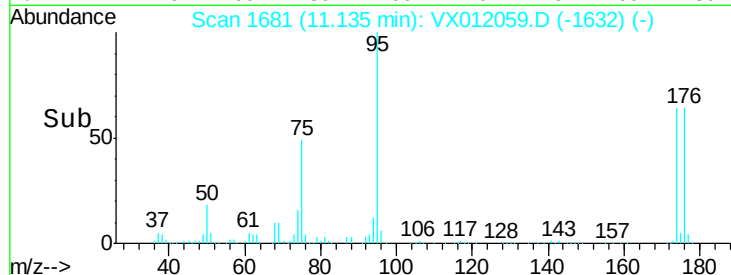


Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)

Time-->

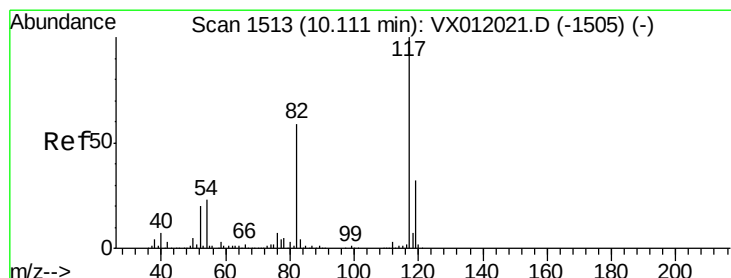


Abundance Ion 94.90 (94.60 to 95.60): VX012059.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012059.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012059.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012059.D

Acq: 04 Sep 2019 18:35

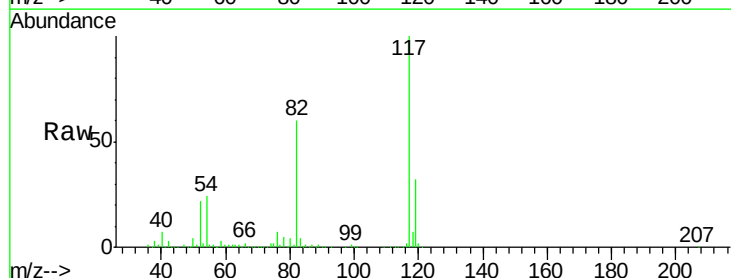
Tgt Ion: 117 Resp: 204667

Ion Ratio Lower Upper

117 100

82 59.5 39.4 59.0#

119 32.3 26.1 39.1

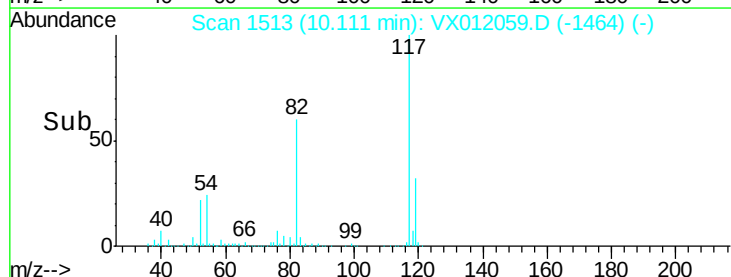


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)

Time-->

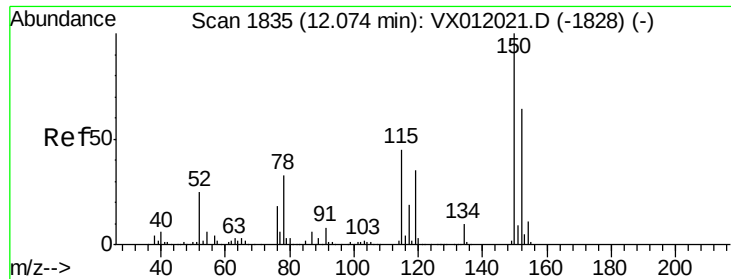


Abundance Ion 116.90 (116.60 to 117.60): VX012059.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012059.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012059.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012059.D

Acq: 04 Sep 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C4-(0)RE

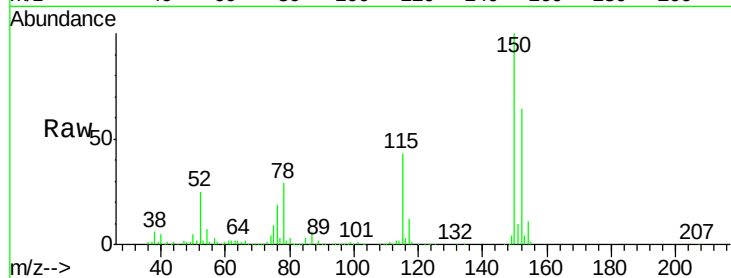
Tot Ion:152 Resp: 56108

Ion Ratio Lower Upper

152 100

115 63.8 36.4 109.3

150 156.3 0.0 341.2



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

