

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012064.D
 Acq On : 04 Sep 2019 20:55
 Operator : SY/SP
 Sample : K4545-02
 Misc : 5.54g/5.0mL/MSVOA X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(0)

Quant Time: Sep 05 05:51:40 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

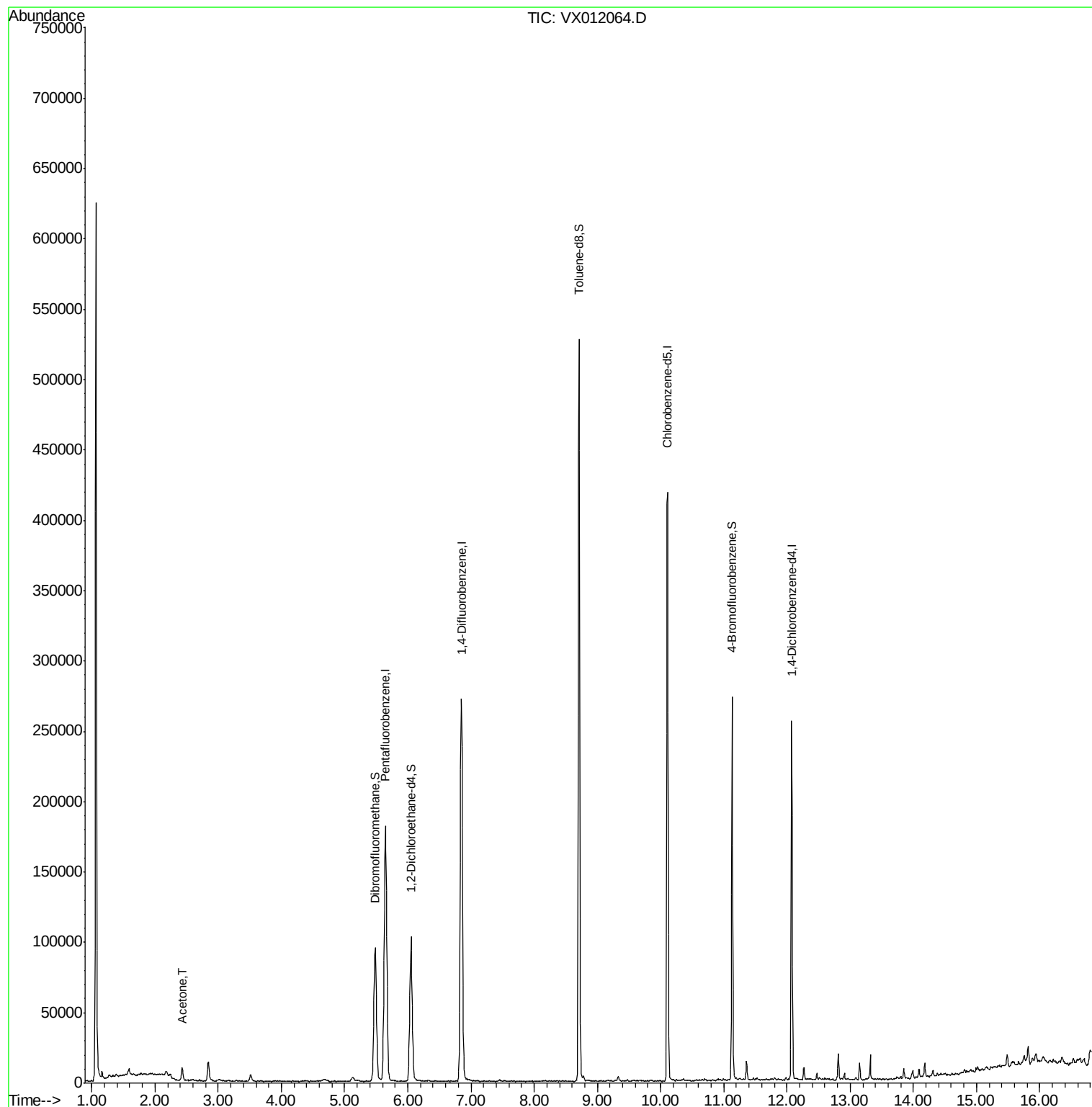
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	184281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	47105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	102372	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.48	113	81303	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	299514	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	78035	28.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.24%	
Target Compounds						
16) Acetone	2.43	43	10030	19.803	ug/l	Qvalue 100

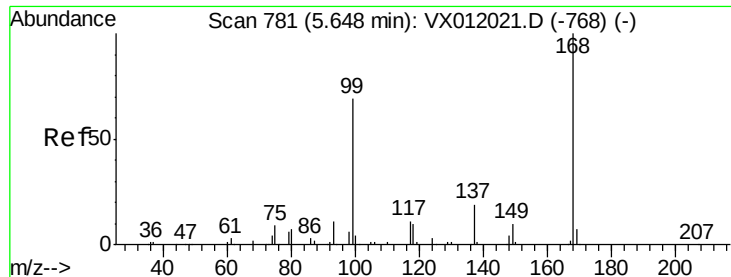
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#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 20:55

Instrument :

MSVOA_X

ClientSampleId :

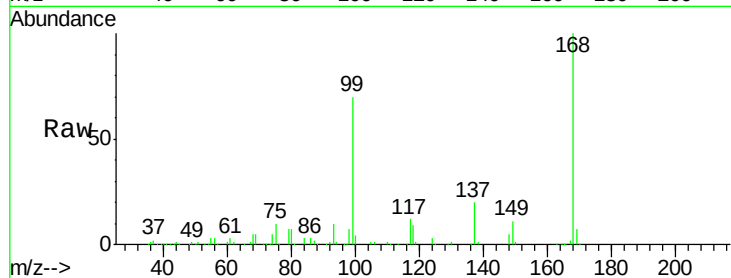
T16-17-E3-(0)

Tot Ion:168 Resp: 153570

Ion Ratio Lower Upper

168 100

99 70.5 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

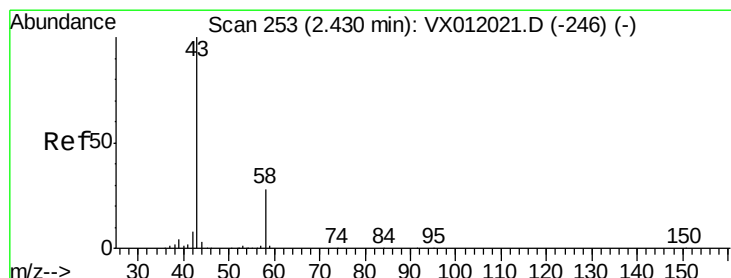
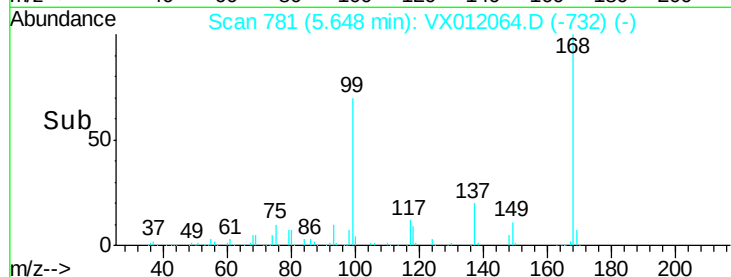
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 19.803 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012064.D

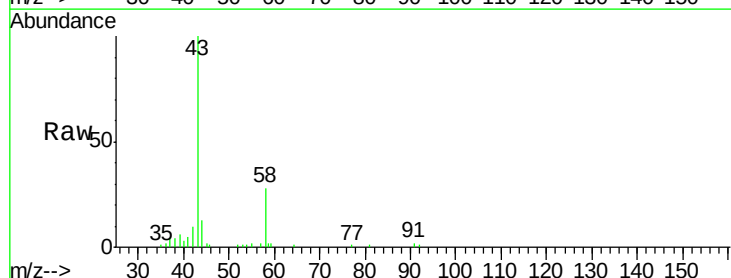
Acq: 04 Sep 2019 20:55

Tgt Ion: 43 Resp: 10030

Ion Ratio Lower Upper

43 100

58 28.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

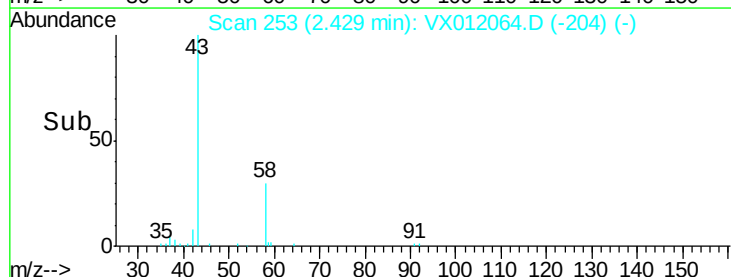
3000

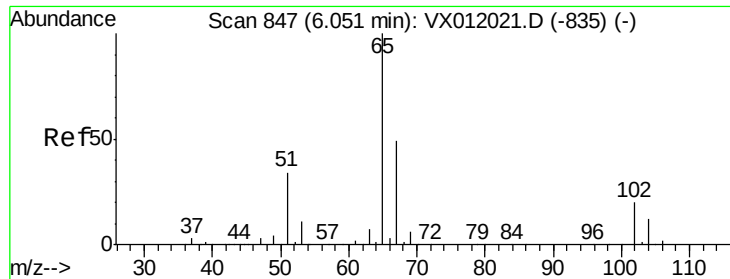
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

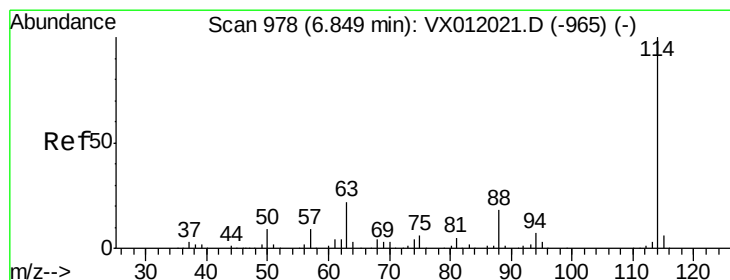
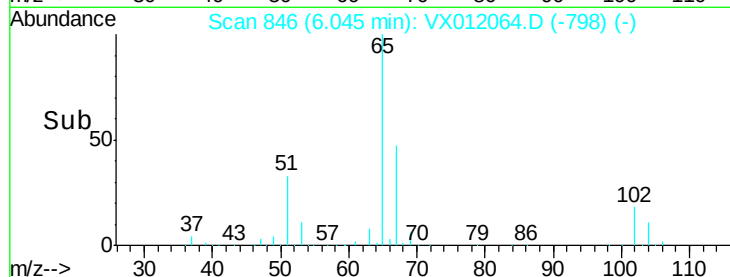
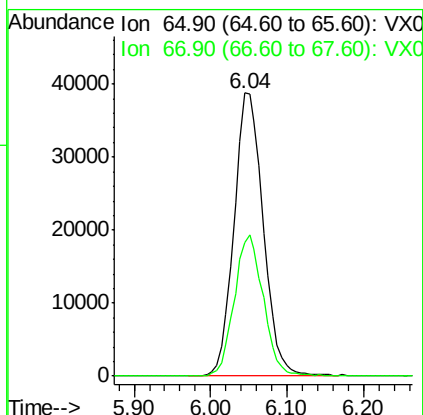
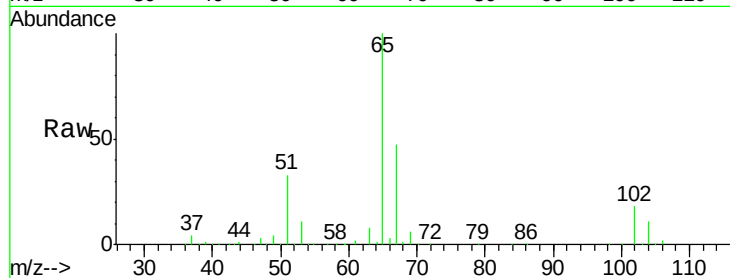




#33
 1,2-Dichloroethane-d4
 Concen: 48.312 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

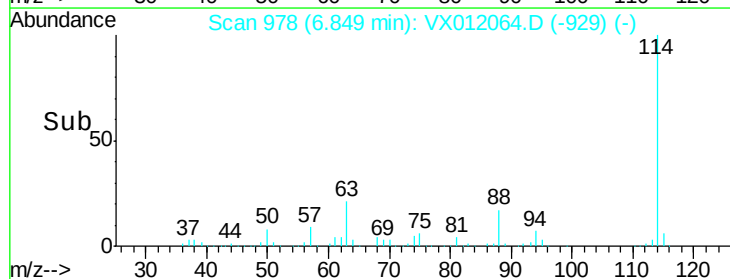
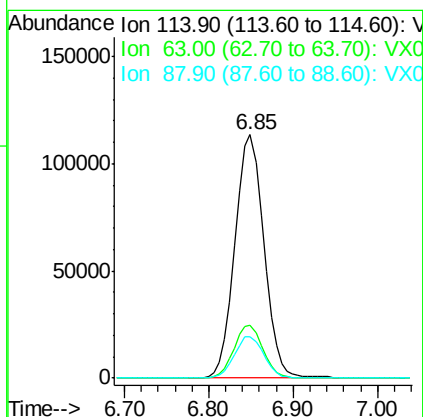
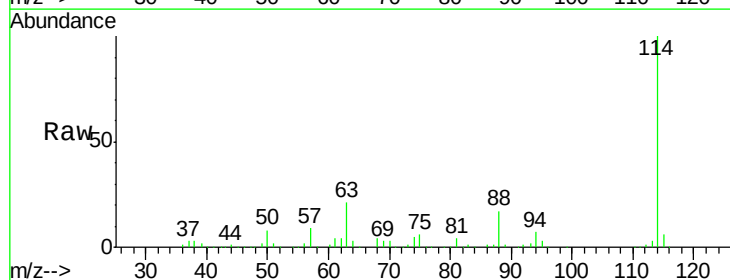
Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(0)

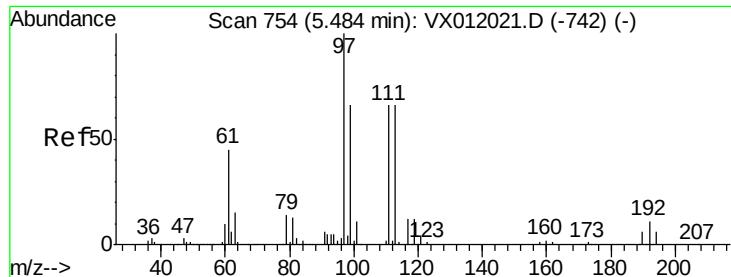
Tot Ion: 65 Resp: 102372
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

Tgt Ion: 114 Resp: 264445
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.4
 88 17.2 0.0 29.6

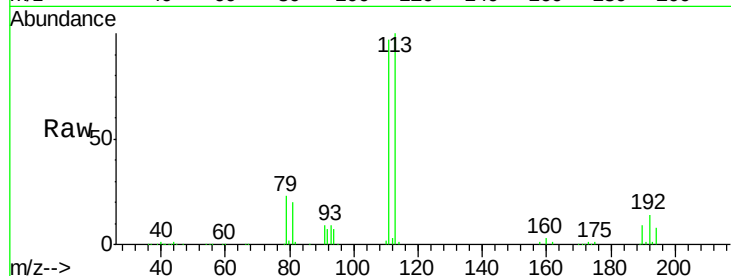




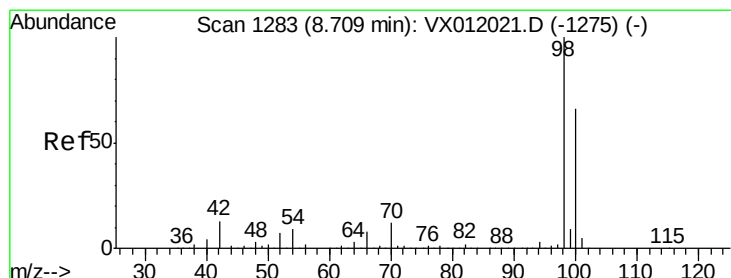
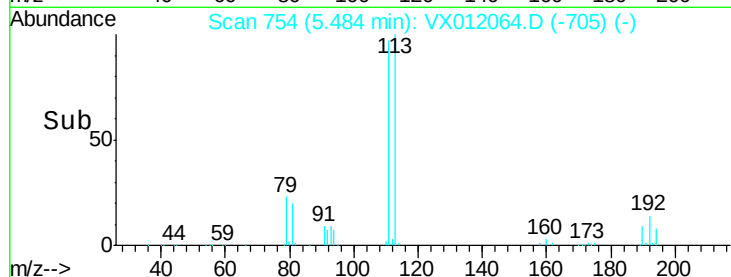
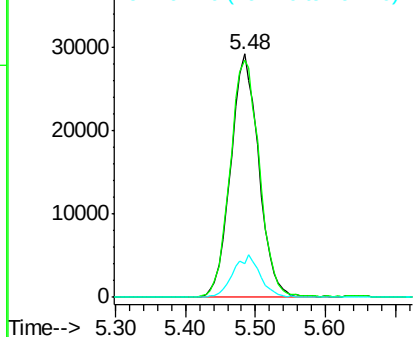
#35
 Dibromofluoromethane
 Concen: 49.994 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(0)

Tot Ion:113 Resp: 81303
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.7 122.5
 192 17.0 22.5 33.7#

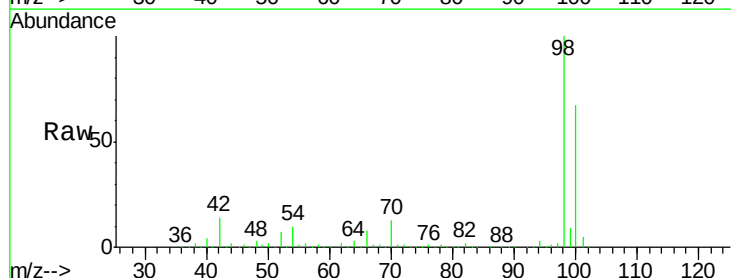


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

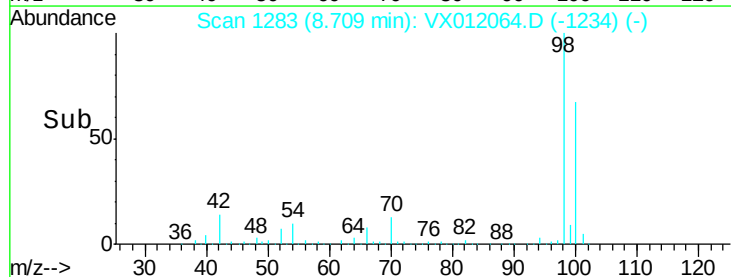
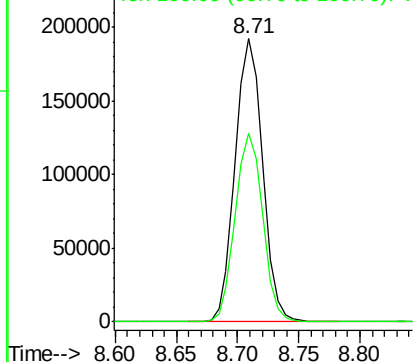


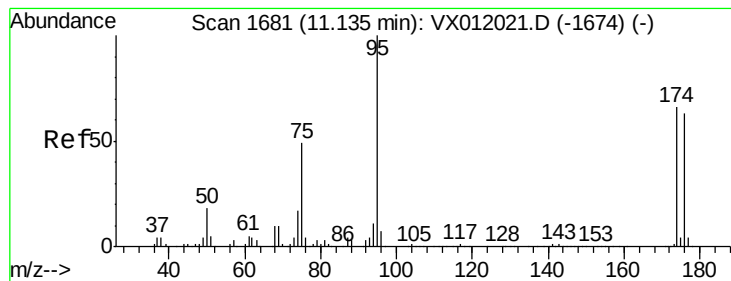
#50
 Toluene-d8
 Concen: 50.190 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012064.D
 Acq: 04 Sep 2019 20:55

Tgt Ion: 98 Resp: 299514
 Ion Ratio Lower Upper
 98 100
 100 66.5 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: 28.118 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012064.D

Acq: 04 Sep 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E3-(0)

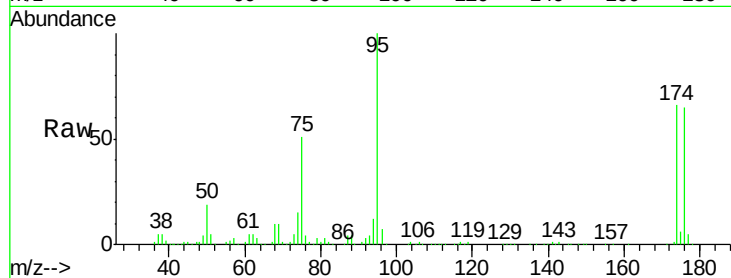
Tot Ion: 95 Resp: 78035

Ion Ratio Lower Upper

95 100

174 62.8 0.0 205.4

176 60.9 0.0 201.8

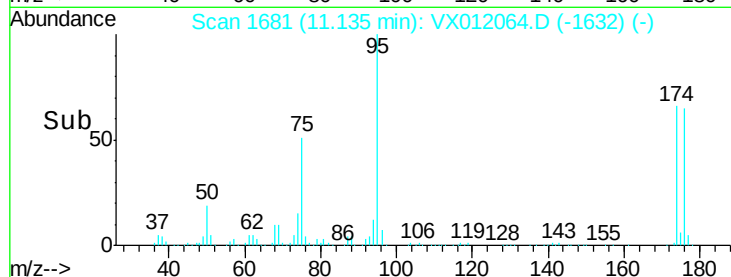


Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

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

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

Time-->

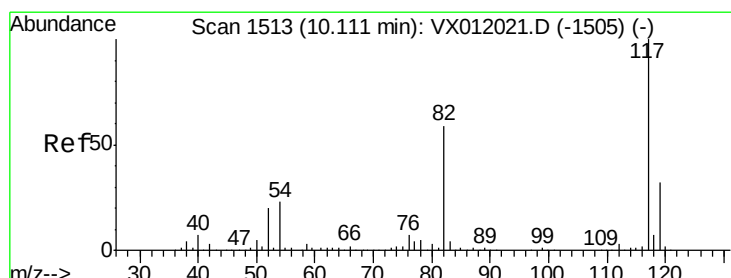


Abundance Ion 94.90 (94.60 to 95.60): VX012064.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012064.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012064.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: VX012064.D

Acq: 04 Sep 2019 20:55

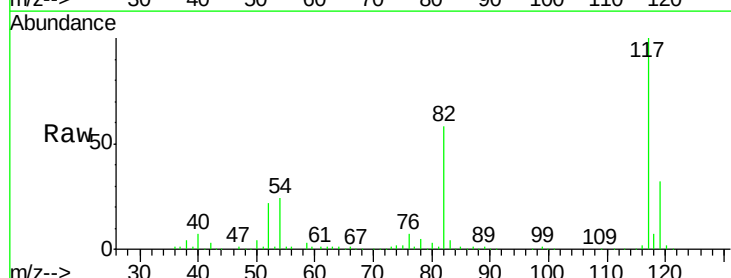
Tgt Ion: 117 Resp: 184281

Ion Ratio Lower Upper

117 100

82 57.9 39.4 59.0

119 31.7 26.1 39.1

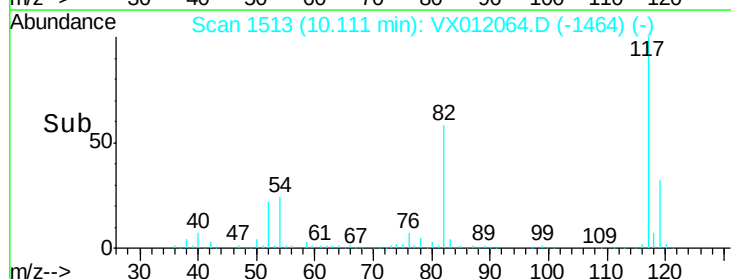


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

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

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

Time-->

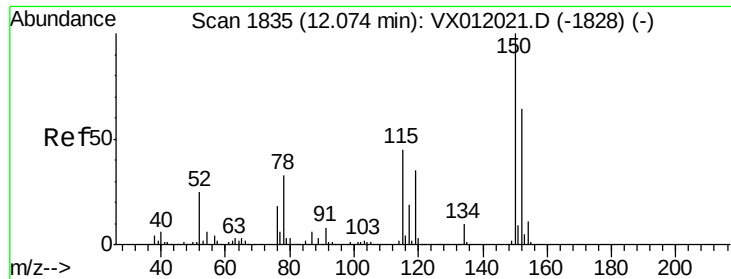


Abundance Ion 116.90 (116.60 to 117.60): VX012064.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012064.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012064.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: VX012064.D

Acq: 04 Sep 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E3-(0)

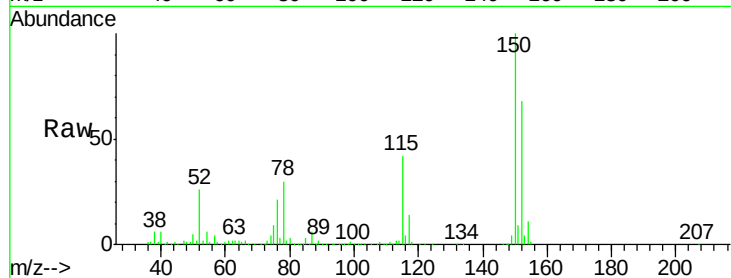
Tot Ion:152 Resp: 47105

Ion Ratio Lower Upper

152 100

115 64.9 36.4 109.3

150 152.9 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

