

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012082.D
 Acq On : 05 Sep 2019 06:09
 Operator : SY/SP
 Sample : K4593-01
 Misc : 4.92g/5.0mL/MSVOA X/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-3-(5-7)

Quant Time: Sep 05 06:45:51 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

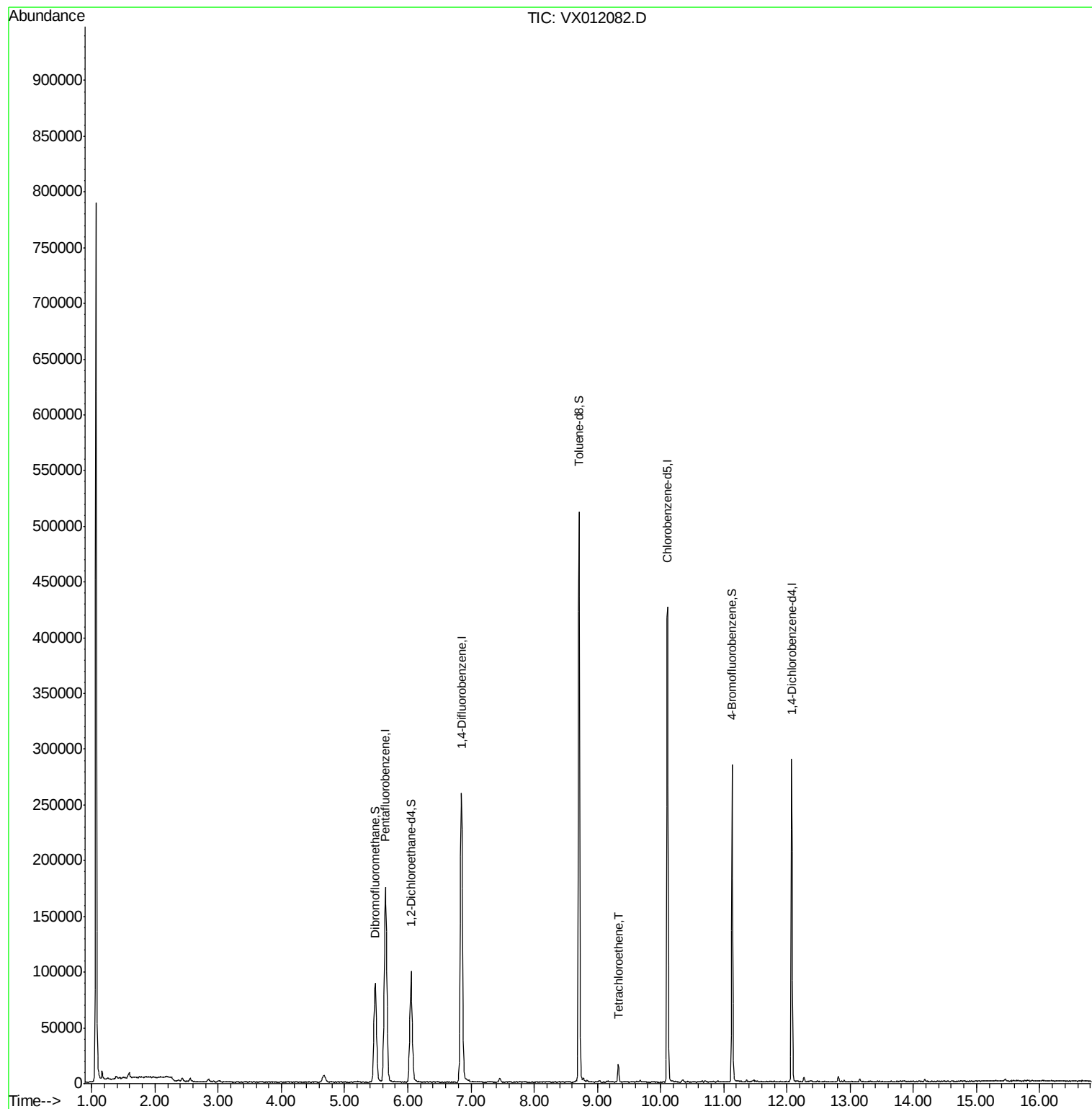
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	184506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	52852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	97205	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	75485	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.71	98	286656	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.14	95	81522	31.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.70%	
Target Compounds						
64) Tetrachloroethene	9.33	164	2352	2.045	ug/l #	78

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
Data File : VX012082.D
Acq On : 05 Sep 2019 06:09
Operator : SY/SP
Sample : K4593-01
Misc : 4.92g/5.0mL/MSVOA X/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S-3-(5-7)

Quant Time: Sep 05 06:45:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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

Lab File: VX012082.D

Acq: 05 Sep 2019 06:09

Instrument :

MSVOA_X

ClientSampleId :

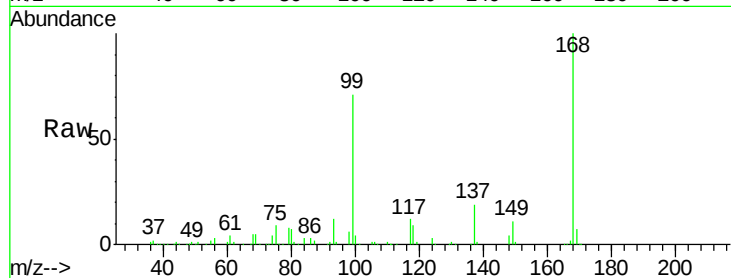
S-3-(5-7)

Tot Ion:168 Resp: 146093

Ion Ratio Lower Upper

168 100

99 71.1 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

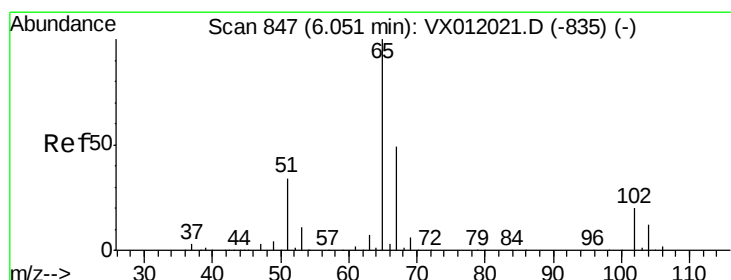
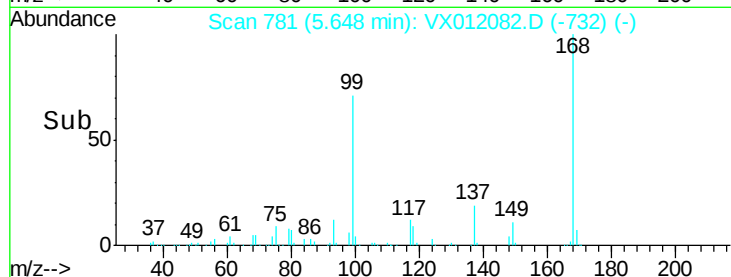
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.222 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012082.D

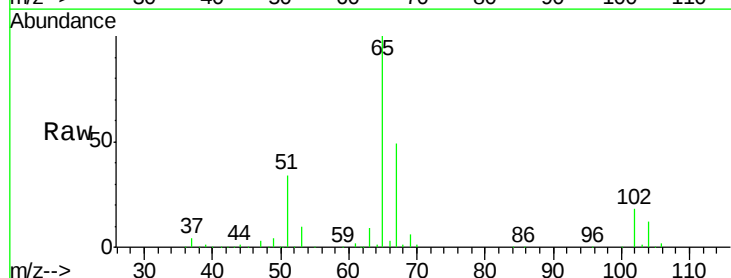
Acq: 05 Sep 2019 06:09

Tgt Ion: 65 Resp: 97205

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

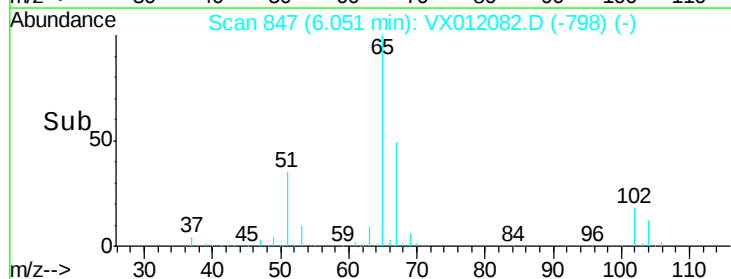
30000

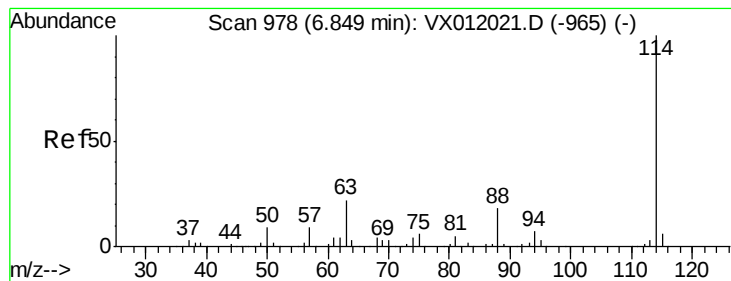
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012082.D

Acq: 05 Sep 2019 06:09

Instrument :

MSVOA_X

ClientSampleId :

S-3-(5-7)

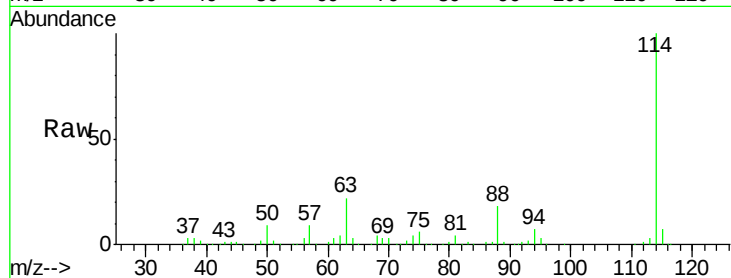
Tot Ion:114 Resp: 247807

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.4

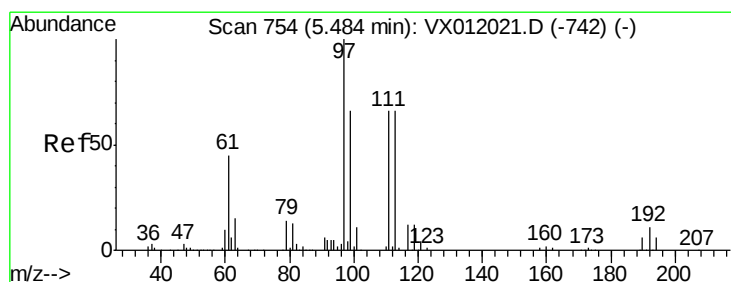
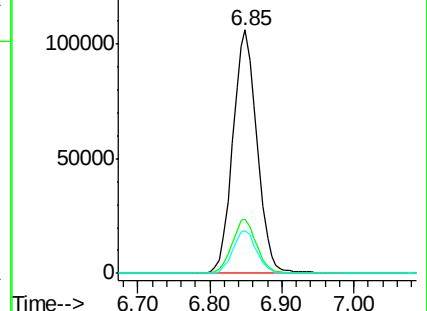
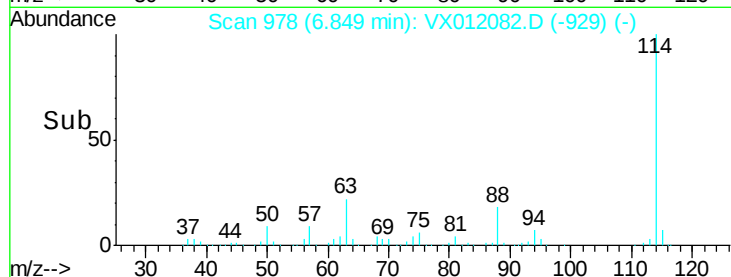
88 17.5 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.533 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012082.D

Acq: 05 Sep 2019 06:09

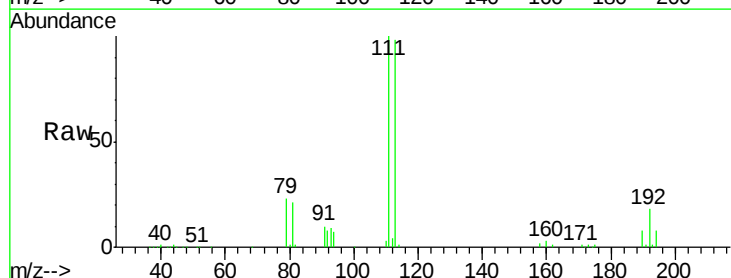
Tgt Ion:113 Resp: 75485

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

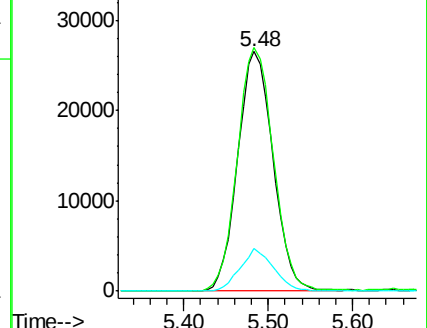
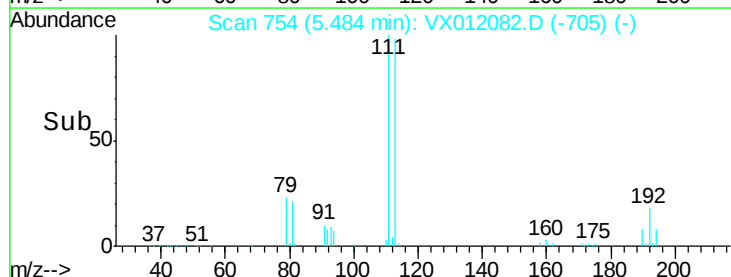
192 16.7 22.5 33.7#

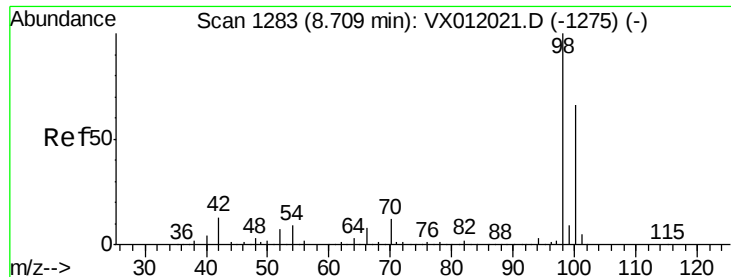


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.260 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012082.D

Acq: 05 Sep 2019 06:09

Instrument :

MSVOA_X

ClientSampleId :

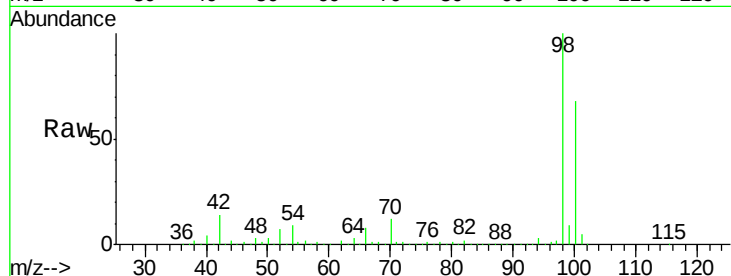
S-3-(5-7)

Tot Ion: 98 Resp: 286656

Ion Ratio Lower Upper

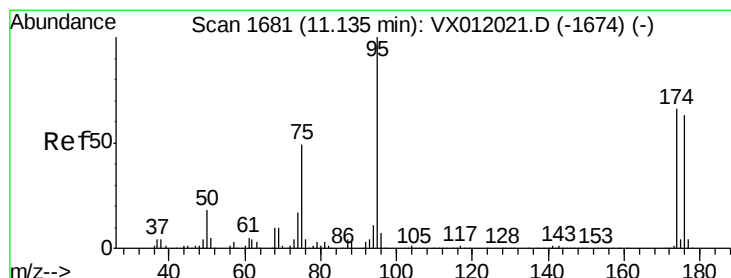
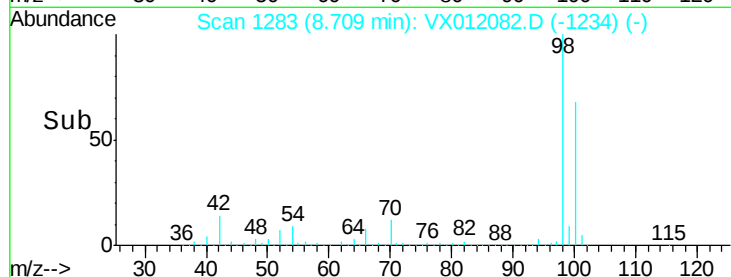
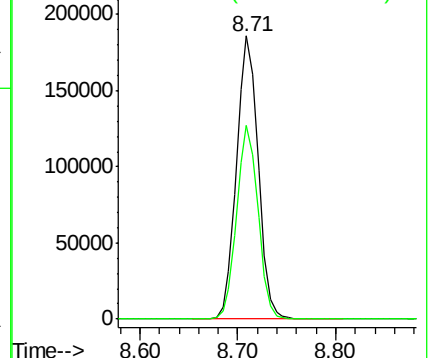
98 100

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: 31.346 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012082.D

Acq: 05 Sep 2019 06:09

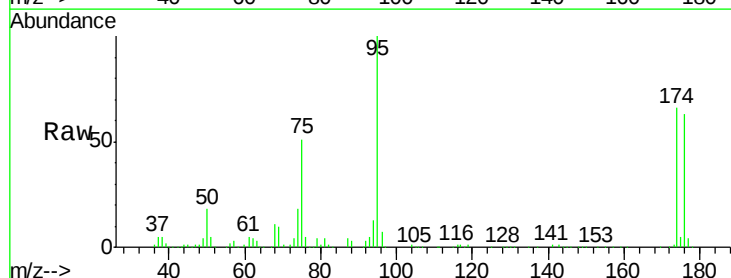
Tgt Ion: 95 Resp: 81522

Ion Ratio Lower Upper

95 100

174 63.2 0.0 205.4

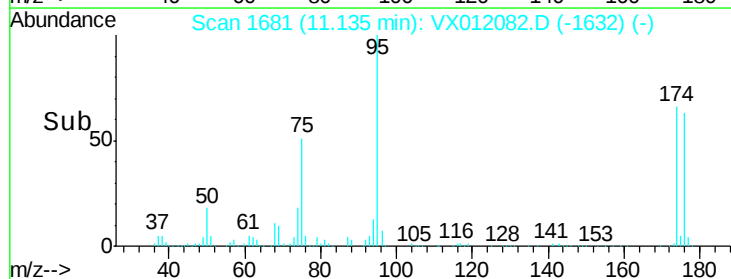
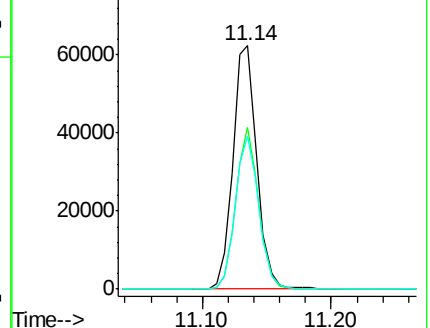
176 61.2 0.0 201.8

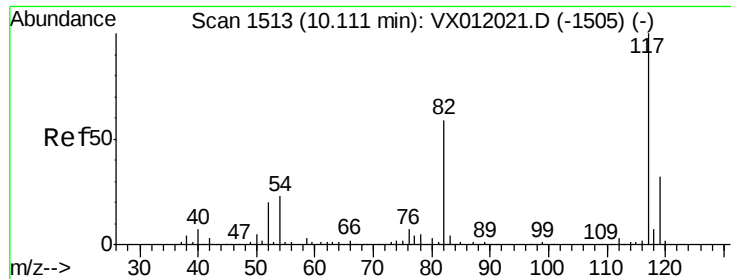


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

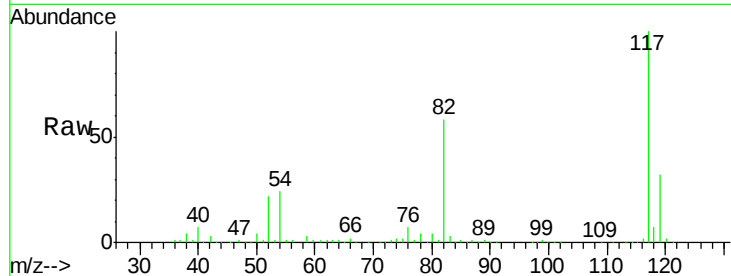




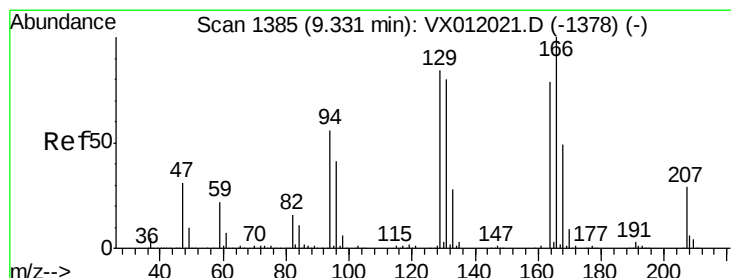
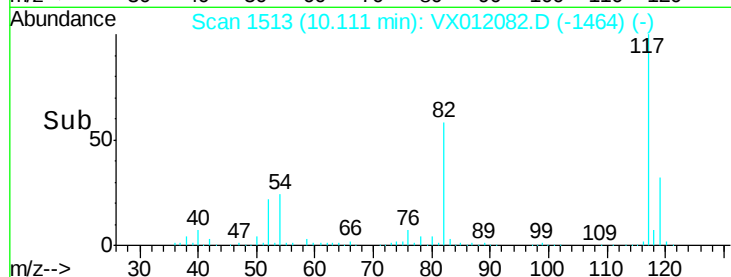
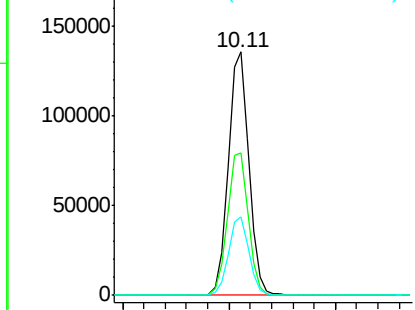
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012082.D
Acq: 05 Sep 2019 06:09

Instrument :
MSVOA_X
ClientSampleId :
S-3-(5-7)

Tot Ion:117 Resp: 184506
Ion Ratio Lower Upper
117 100
82 58.5 39.4 59.0
119 32.1 26.1 39.1

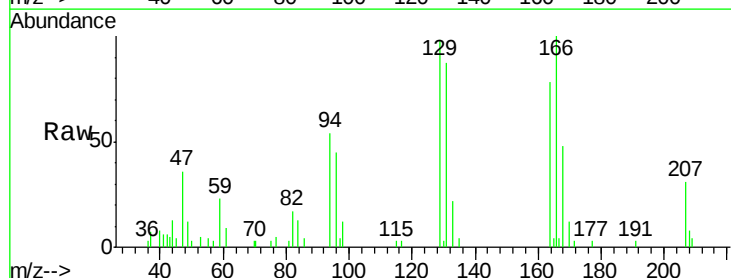


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

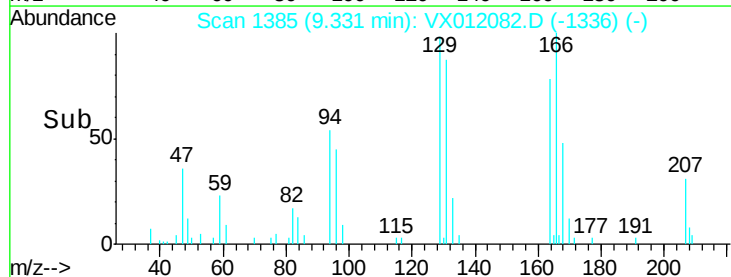
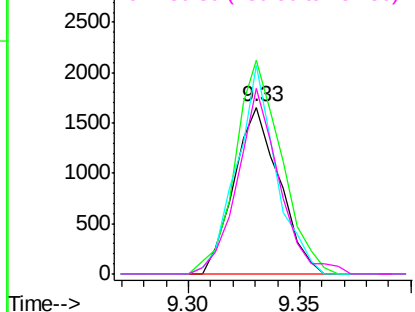


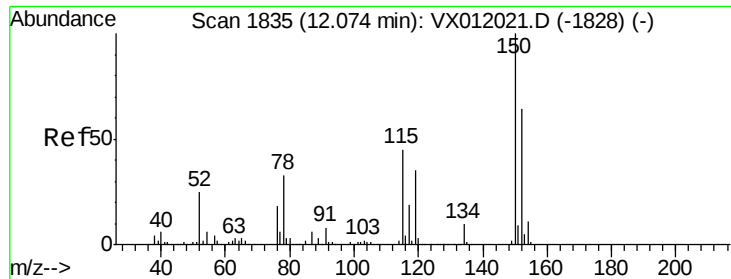
#64
Tetrachloroethene
Concen: 2.045 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012082.D
Acq: 05 Sep 2019 06:09

Tgt Ion:164 Resp: 2352
Ion Ratio Lower Upper
164 100
166 128.1 104.3 156.5
129 124.9 68.3 102.5#
131 111.7 65.4 98.0#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012082.D

Acq: 05 Sep 2019 06:09

Instrument :

MSVOA_X

ClientSampleId :

S-3-(5-7)

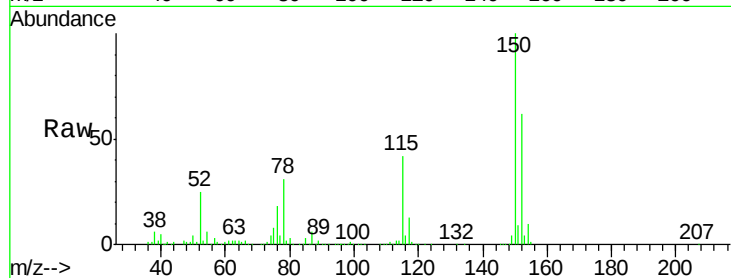
Tot Ion:152 Resp: 52852

Ion Ratio Lower Upper

152 100

115 65.5 36.4 109.3

150 157.4 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

