

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012286.D
 Acq On : 11 Sep 2019 06:24
 Operator : SY/SP
 Sample : K4680-17
 Misc : 4.31g/5.0mL/MSVOA X/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-3-(1.5)

Quant Time: Sep 11 07:52:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

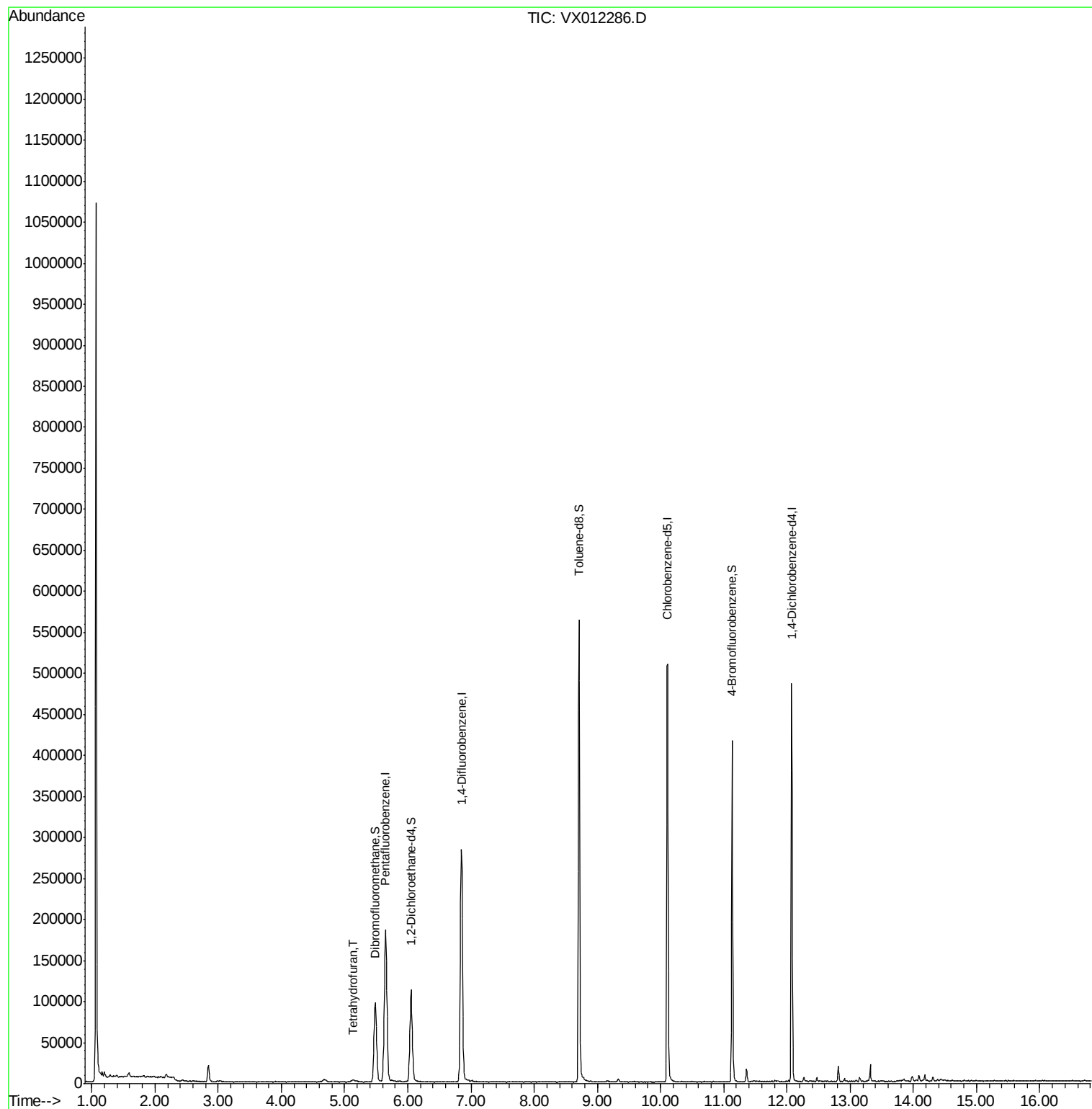
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107880	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.48	113	82597	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	8.71	98	320228	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.14	95	116304	40.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.10%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	3552	9.781	ug/l #	83

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

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Quant Title : SW846 8260
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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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Instrument :

MSVOA_X

ClientSampleId :

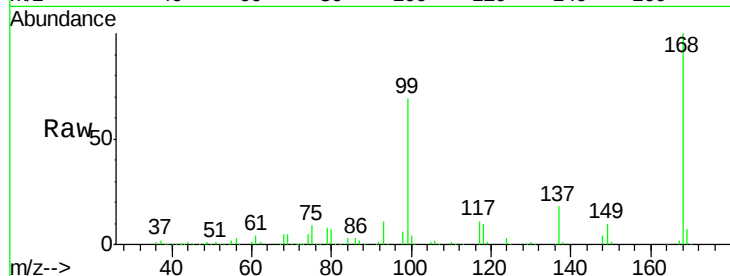
T3-3-(1.5)

Tot Ion:168 Resp: 157311

Ion Ratio Lower Upper

168 100

99 69.2 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

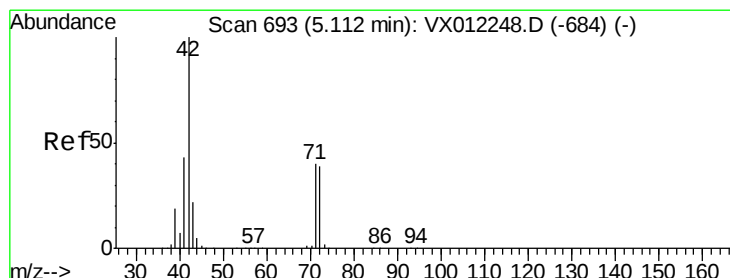
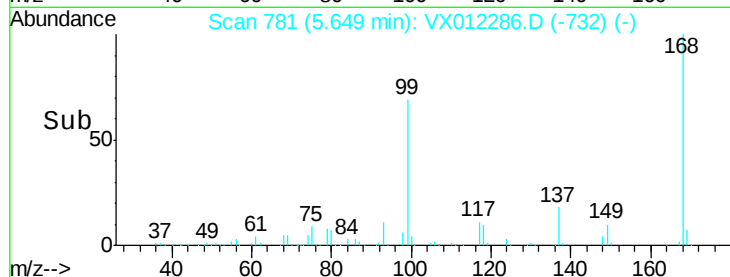
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#29

Tetrahydrofuran

Concen: 9.781 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012286.D

Acq: 11 Sep 2019 06:24

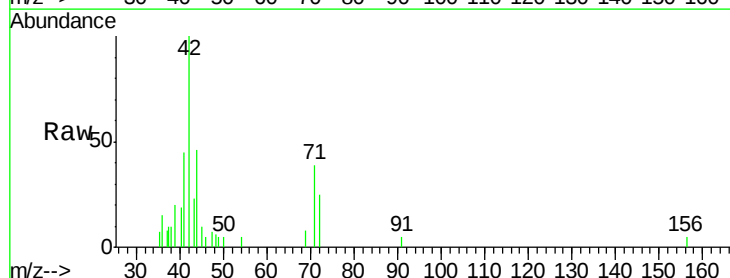
Tgt Ion: 42 Resp: 3552

Ion Ratio Lower Upper

42 100

72 40.4 35.2 52.8

71 22.6 32.5 48.7#



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

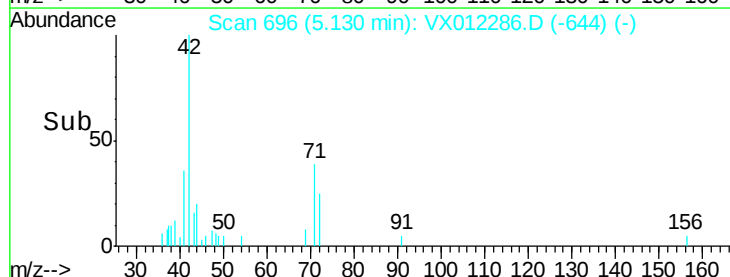
1500

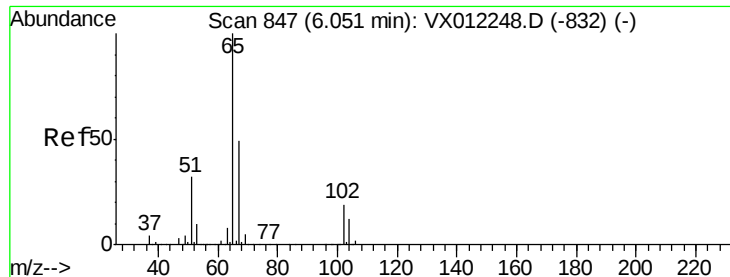
1000

500

0

Time--> 5.00 5.10 5.20





#33

1,2-Dichloroethane-d4

Concen: 48.506 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012286.D

Acq: 11 Sep 2019 06:24

Instrument :

MSVOA_X

ClientSampleId :

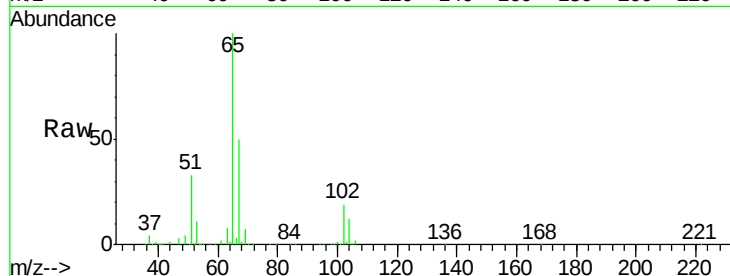
T3-3-(1.5)

Tot Ion: 65 Resp: 107880

Ion Ratio Lower Upper

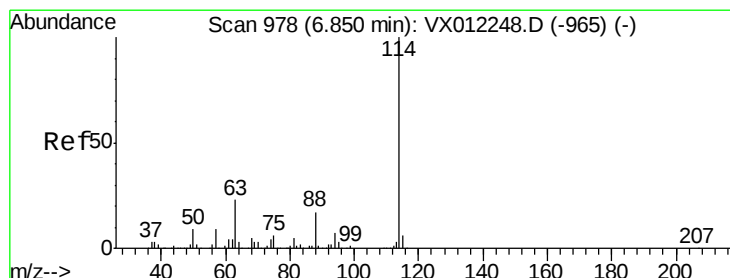
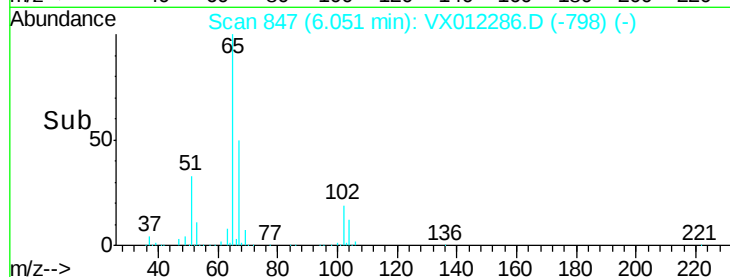
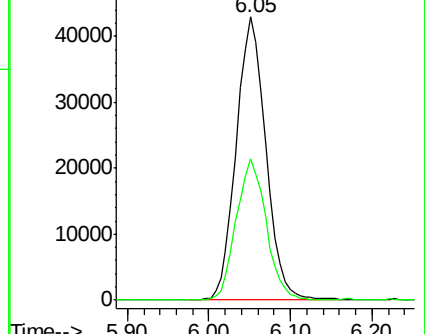
65 100

67 50.6 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012286.D

Acq: 11 Sep 2019 06:24

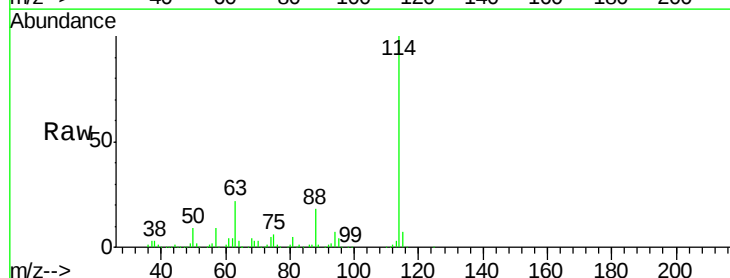
Tgt Ion: 114 Resp: 275140

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

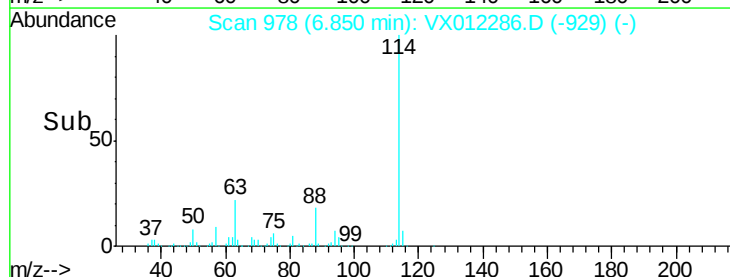
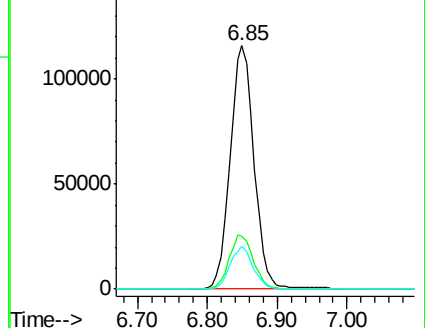
88 17.8 0.0 34.8

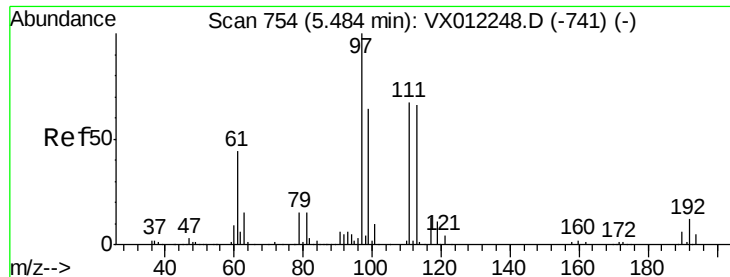


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.830 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012286.D

Acq: 11 Sep 2019 06:24

Instrument :

MSVOA_X

ClientSampleId :

T3-3-(1.5)

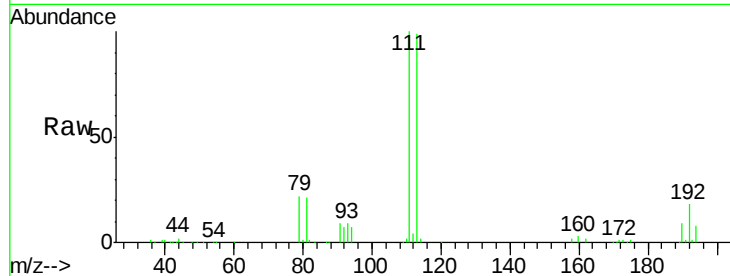
Tot Ion:113 Resp: 82597

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

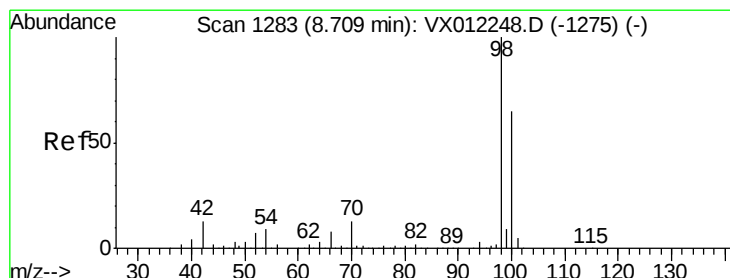
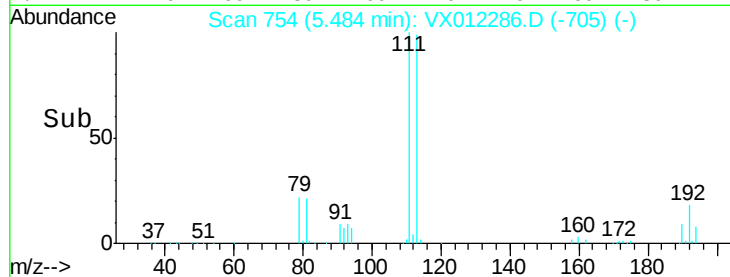
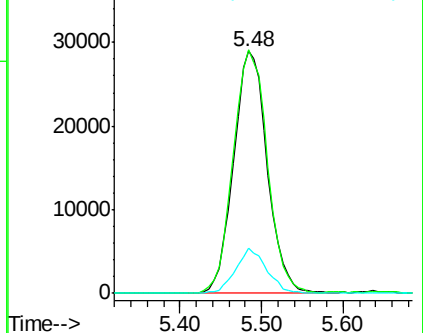
192 17.2 14.3 21.5



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: 51.765 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012286.D

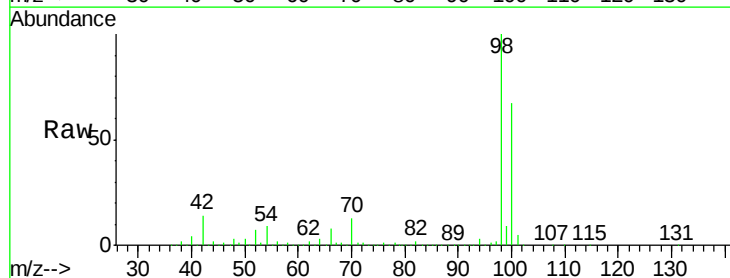
Acq: 11 Sep 2019 06:24

Tgt Ion: 98 Resp: 320228

Ion Ratio Lower Upper

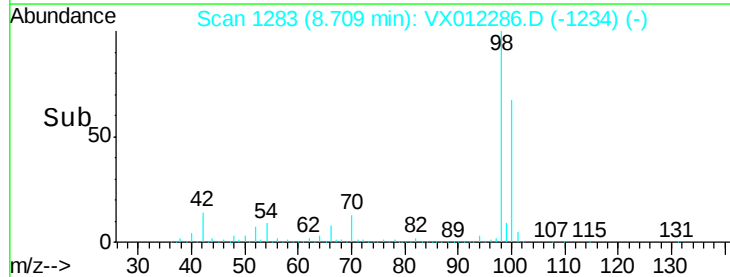
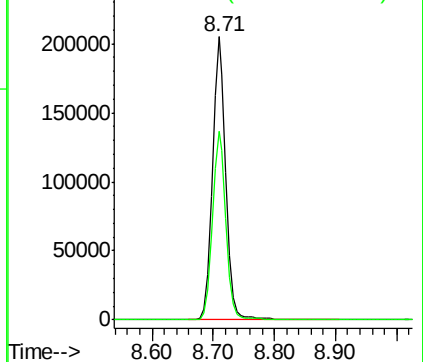
98 100

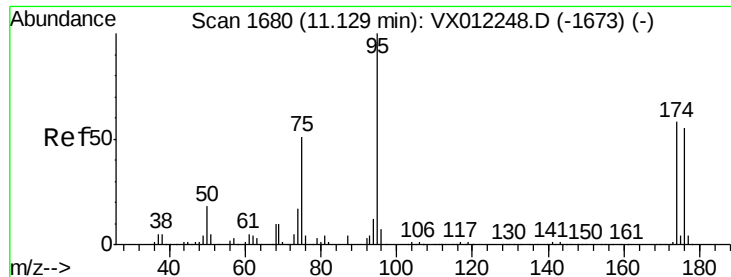
100 67.7 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

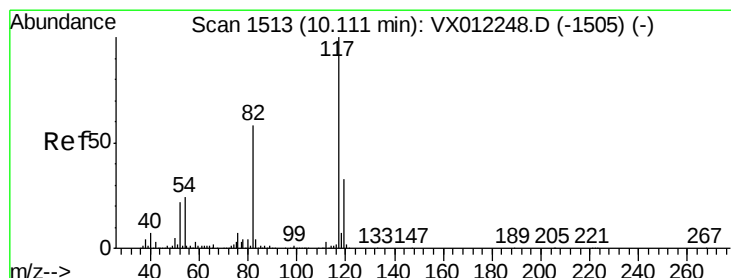
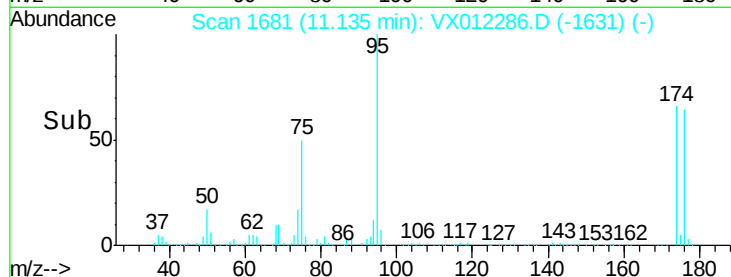
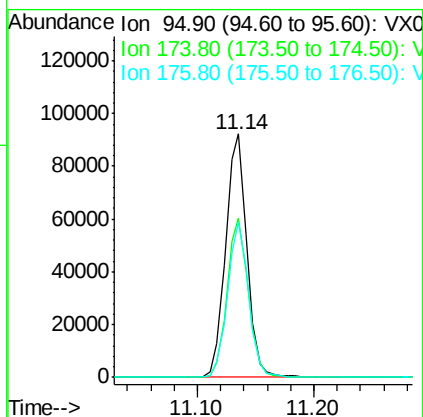
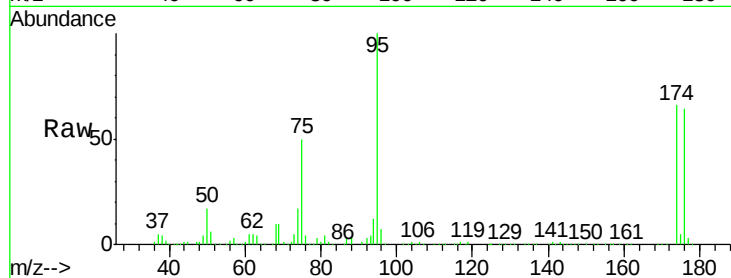




#62
4-Bromofluorobenzene
Concen: 40.554 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012286.D
Acq: 11 Sep 2019 06:24

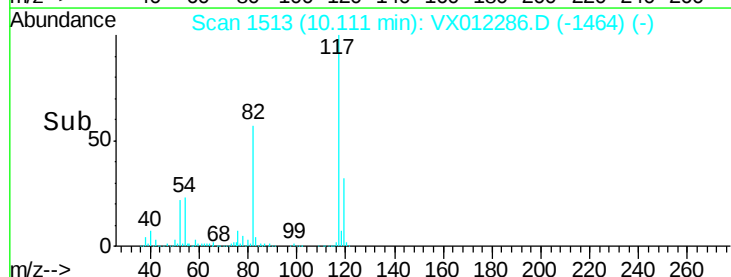
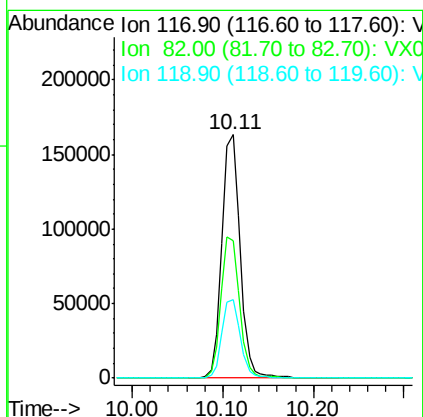
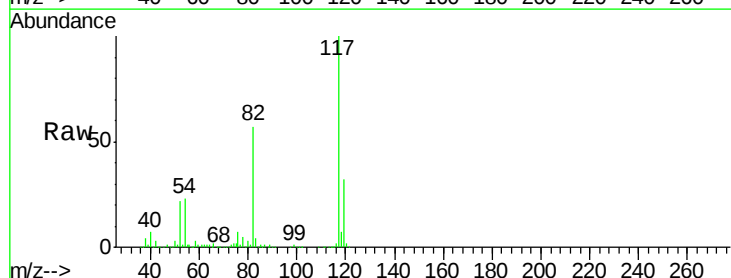
Instrument :
MSVOA_X
ClientSampleId :
T3-3-(1.5)

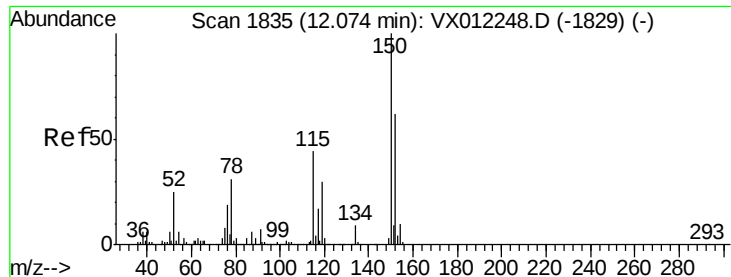
Tot Ion: 95 Resp: 116304
Ion Ratio Lower Upper
95 100
174 65.5 0.0 127.0
176 63.3 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012286.D
Acq: 11 Sep 2019 06:24

Tgt Ion: 117 Resp: 231059
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.3 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012286.D

Acq: 11 Sep 2019 06:24

Instrument :

MSVOA_X

ClientSampleId :

T3-3-(1.5)

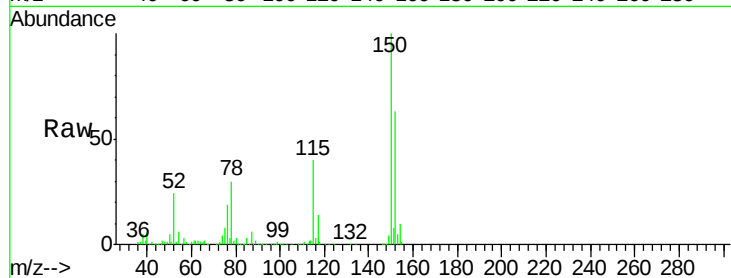
Tot Ion:152 Resp: 90024

Ion Ratio Lower Upper

152 100

115 64.2 45.5 136.4

150 154.5 0.0 346.4



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

