

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012304.D
 Acq On : 11 Sep 2019 16:05
 Operator : SY/SP
 Sample : K4643-13
 Misc : 4.33g/5.0mL/MSVOA X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C3-(0)

Quant Time: Sep 12 06:36:12 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

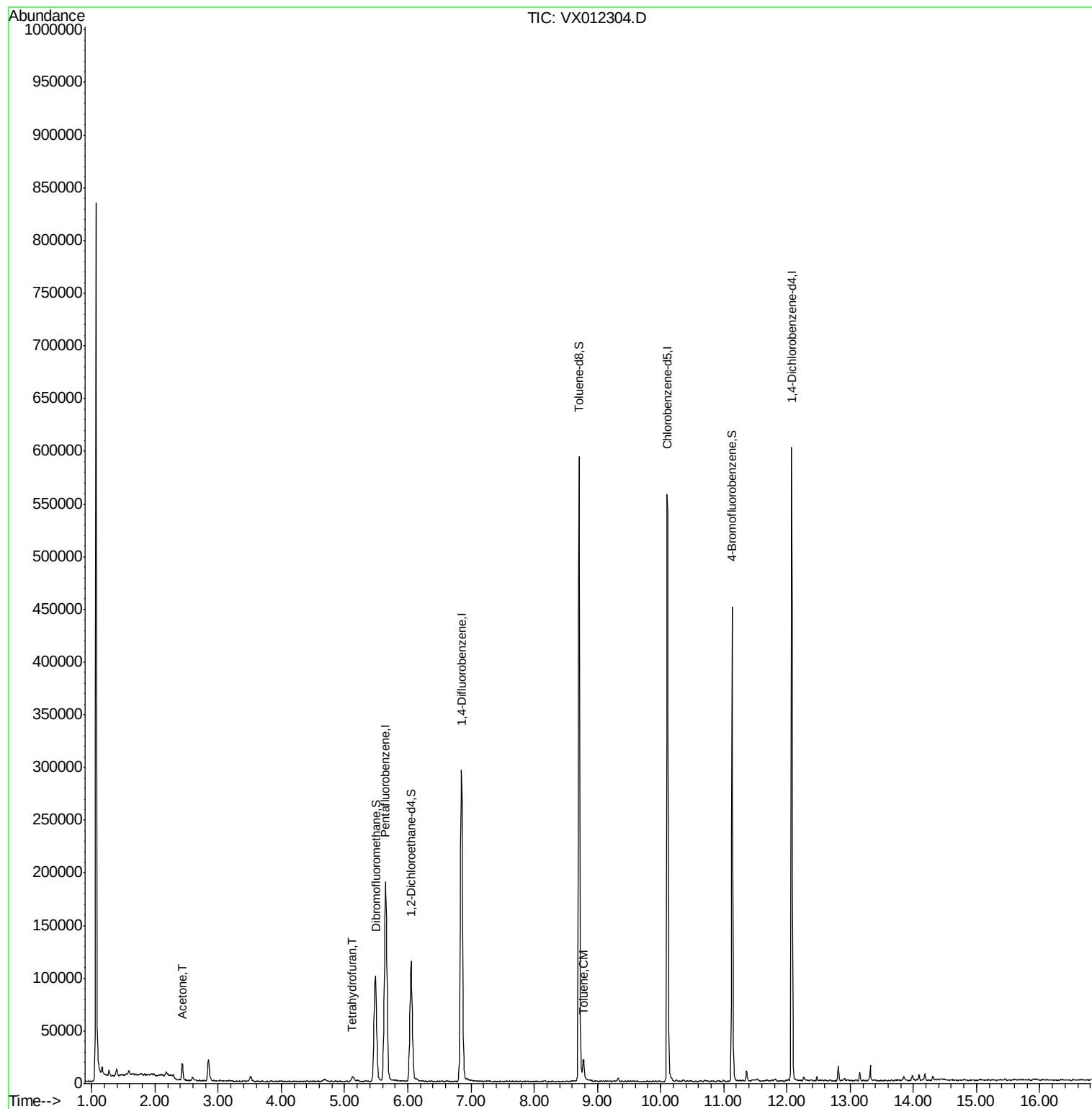
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113333	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.48	113	84621	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	8.71	98	332342	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	11.14	95	130716	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
16) Acetone	2.43	43	18582	34.159	ug/l	95
29) Tetrahydrofuran	5.12	42	4783	12.748	ug/l	98
52) Toluene	8.78	92	6493	1.606	ug/l	98

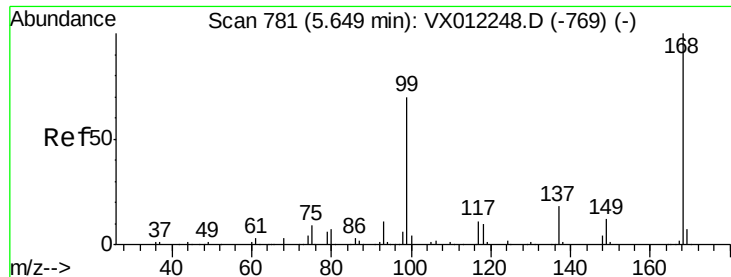
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 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: VX012304.D

Acq: 11 Sep 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

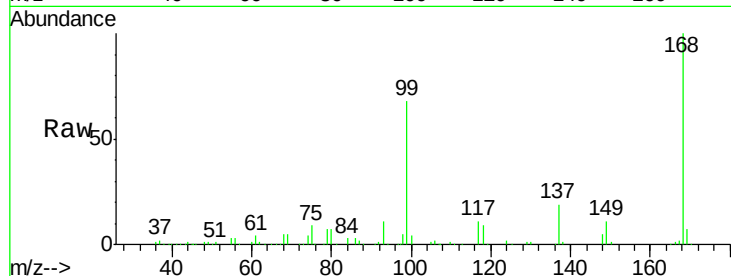
T11-C3-(0)

Tot Ion:168 Resp: 162534

Ion Ratio Lower Upper

168 100

99 68.3 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

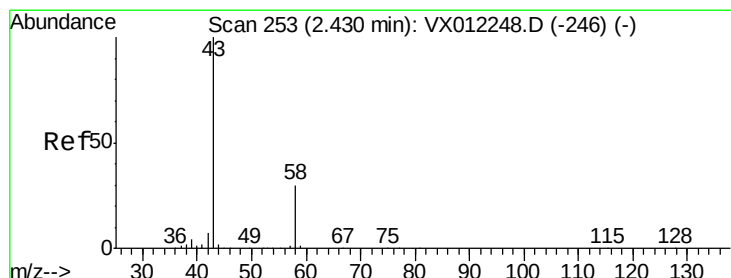
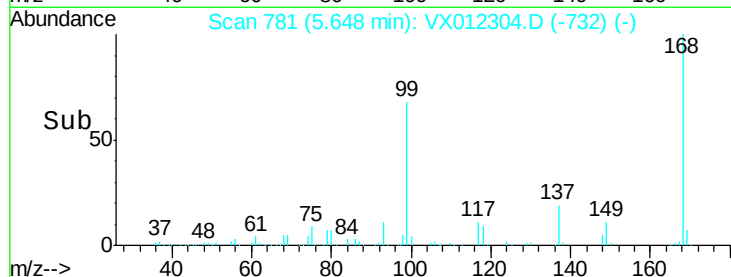
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 34.159 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012304.D

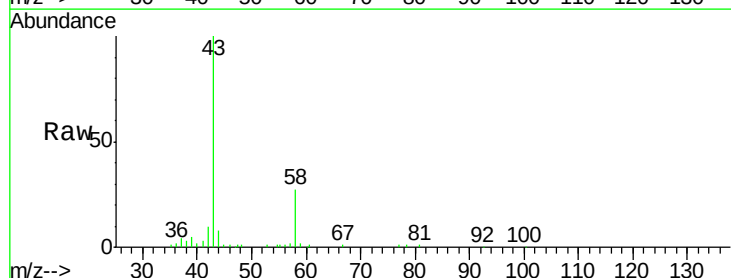
Acq: 11 Sep 2019 16:05

Tgt Ion: 43 Resp: 18582

Ion Ratio Lower Upper

43 100

58 26.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

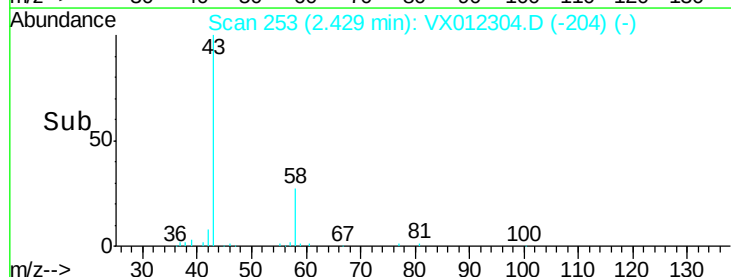
6000

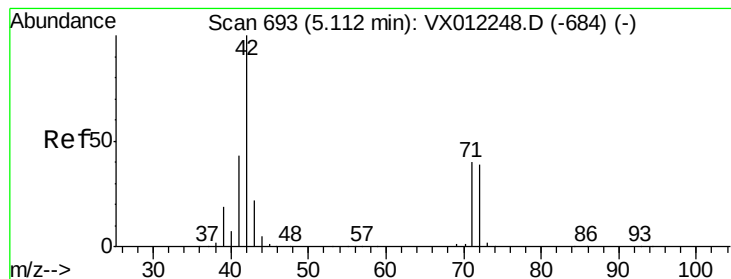
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#29

Tetrahydrofuran

Concen: 12.748 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012304.D

Acq: 11 Sep 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

T11-C3-(0)

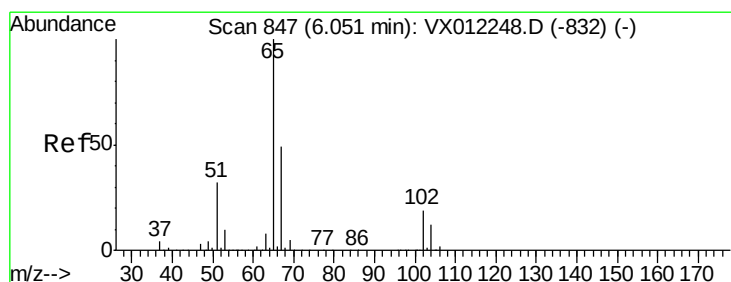
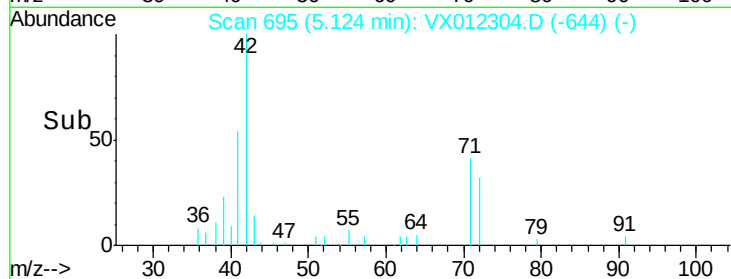
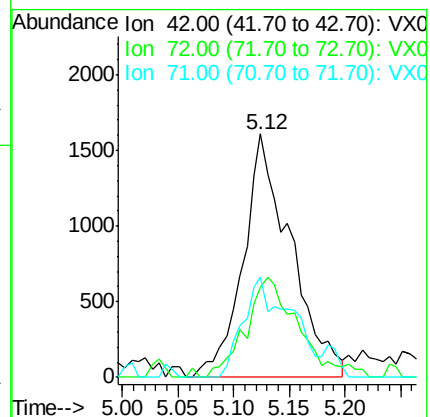
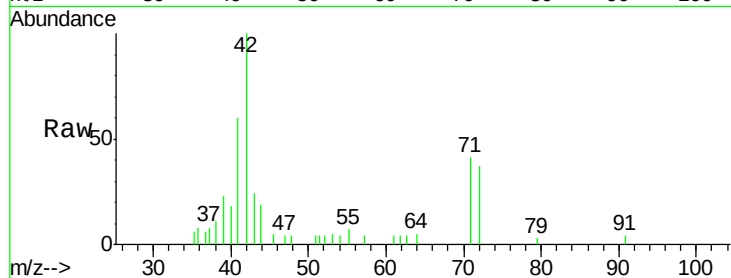
Tot Ion: 42 Resp: 4783

Ion Ratio Lower Upper

42 100

72 45.3 35.2 52.8

71 41.8 32.5 48.7



#33

1,2-Dichloroethane-d4

Concen: 49.320 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012304.D

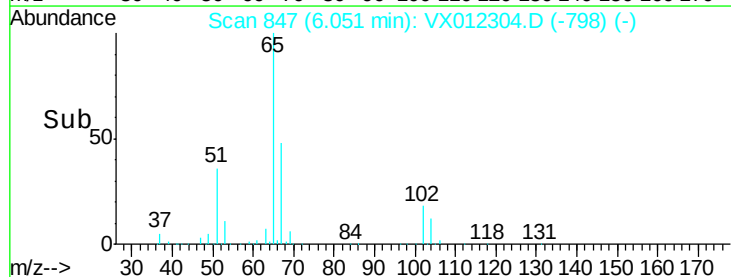
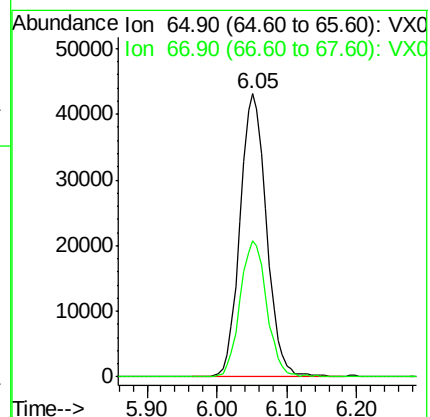
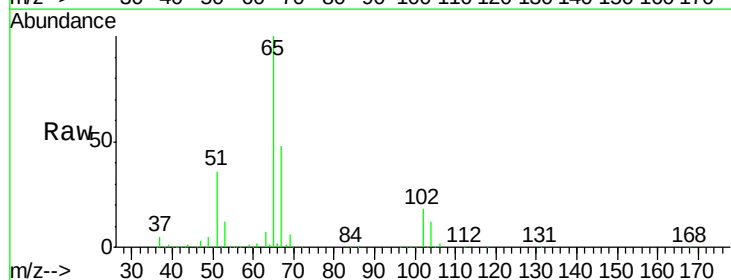
Acq: 11 Sep 2019 16:05

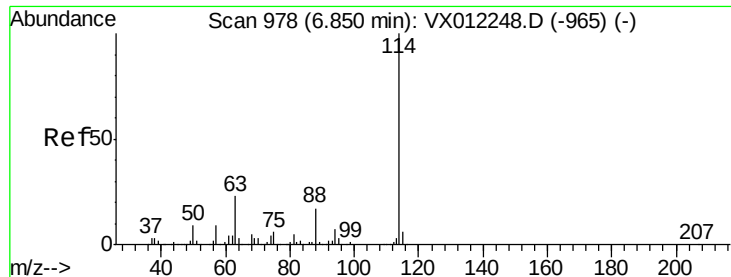
Tgt Ion: 65 Resp: 113333

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012304.D

Acq: 11 Sep 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

T11-C3-(0)

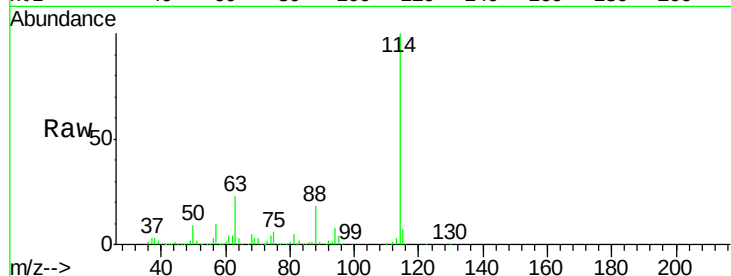
Tot Ion:114 Resp: 277433

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

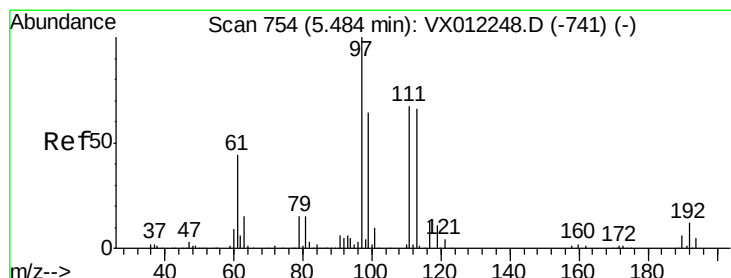
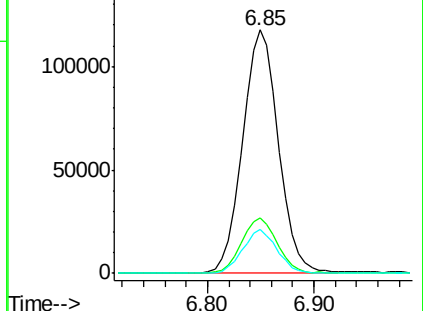
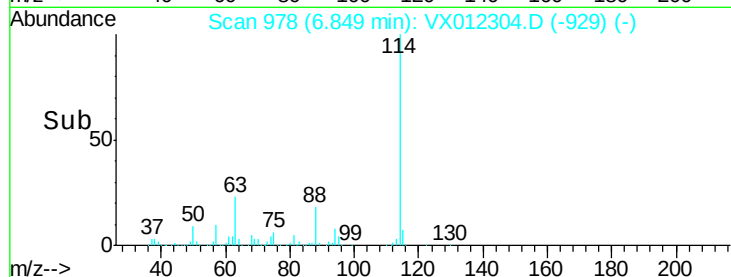
88 17.9 0.0 34.8



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: 47.581 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012304.D

Acq: 11 Sep 2019 16:05

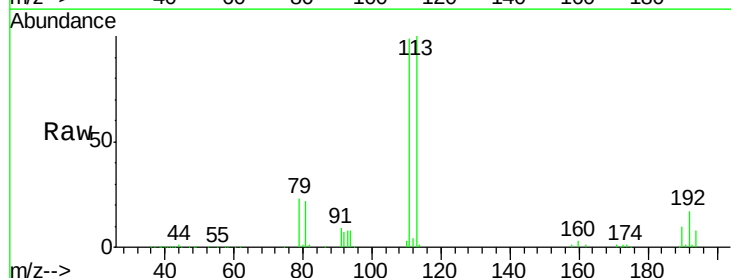
Tgt Ion:113 Resp: 84621

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

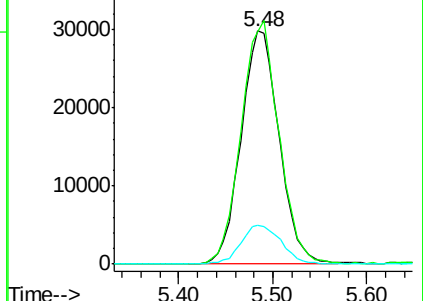
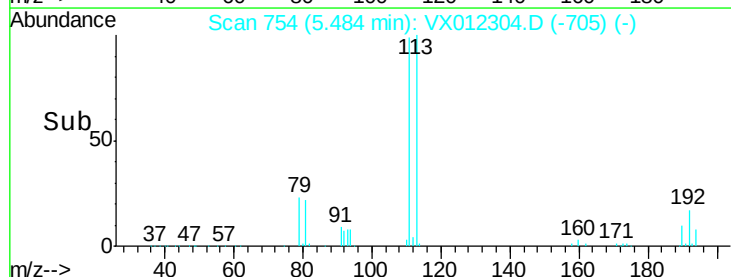
192 17.6 14.3 21.5

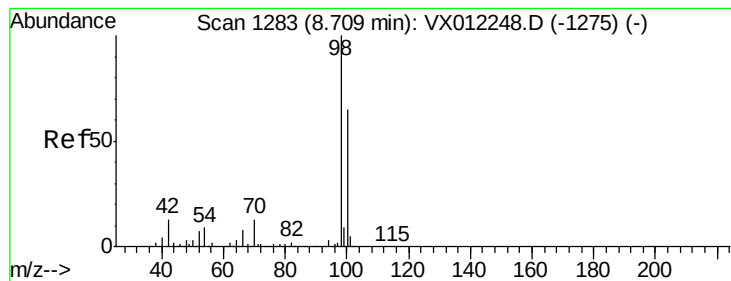


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.279 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012304.D

Acq: 11 Sep 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

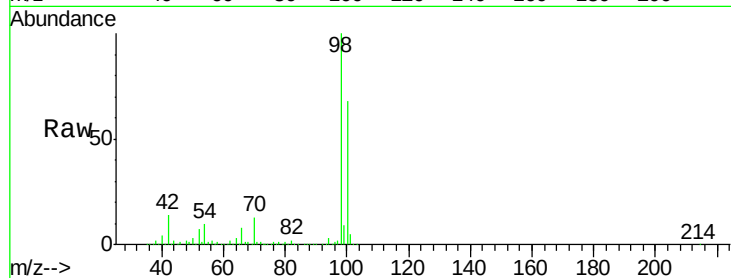
T11-C3-(0)

Tot Ion: 98 Resp: 332342

Ion Ratio Lower Upper

98 100

100 67.3 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

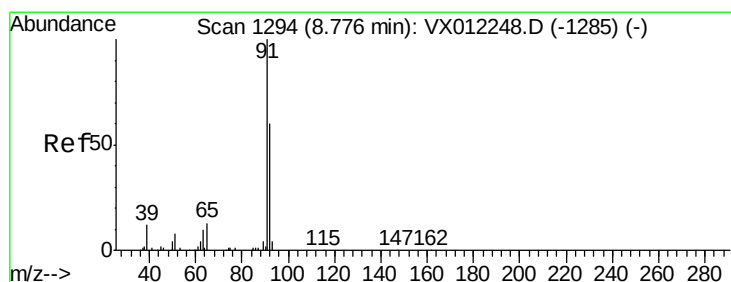
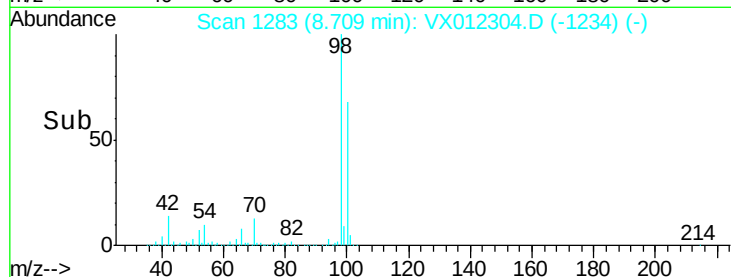
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#52

Toluene

Concen: 1.606 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX012304.D

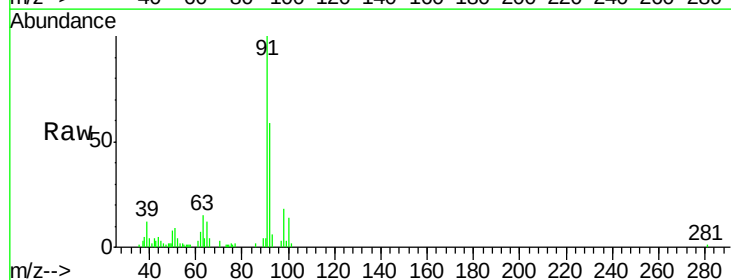
Acq: 11 Sep 2019 16:05

Tgt Ion: 92 Resp: 6493

Ion Ratio Lower Upper

92 100

91 169.1 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

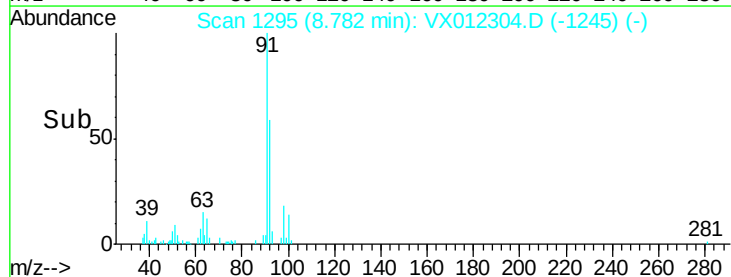
6000

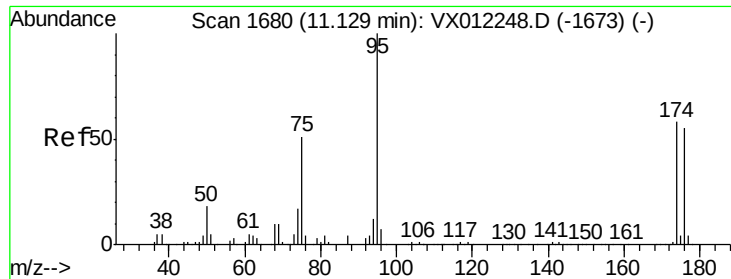
4000

2000

0

Time--> 8.70 8.75 8.80 8.85





#62

4-Bromofluorobenzene

Concen: 45.202 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012304.D

Acq: 11 Sep 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

T11-C3-(0)

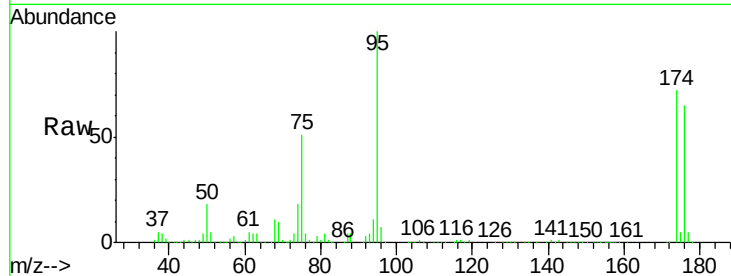
Tot Ion: 95 Resp: 130716

Ion Ratio Lower Upper

95 100

174 67.2 0.0 127.0

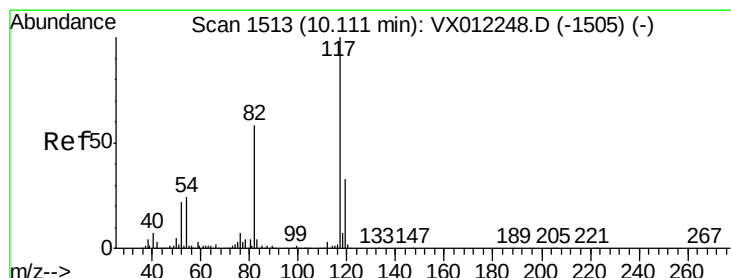
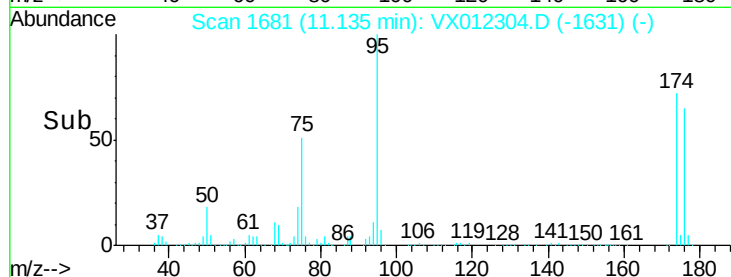
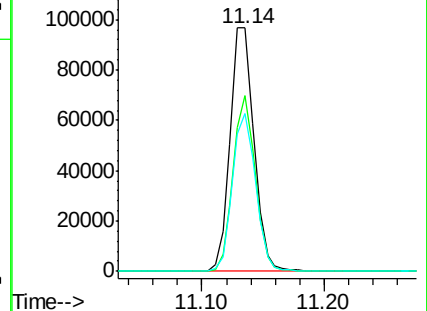
176 62.9 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012248.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX012248.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX012248.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012304.D

Acq: 11 Sep 2019 16:05

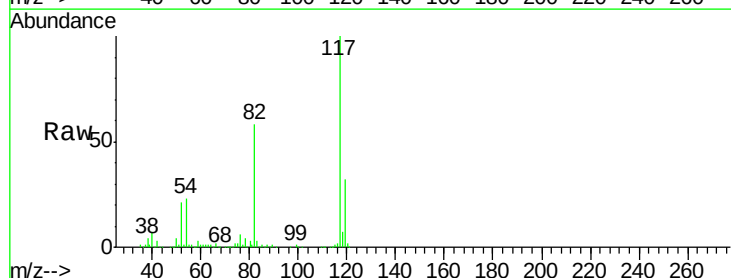
Tgt Ion: 117 Resp: 249325

Ion Ratio Lower Upper

117 100

82 57.6 46.4 69.6

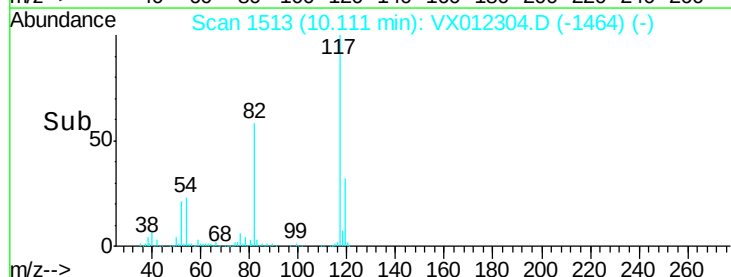
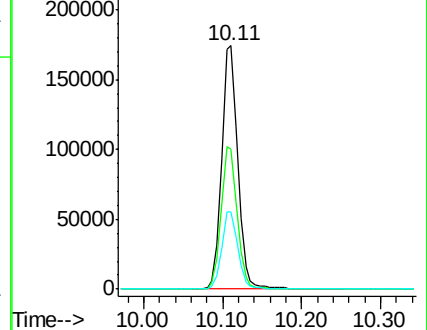
119 31.9 26.6 39.8

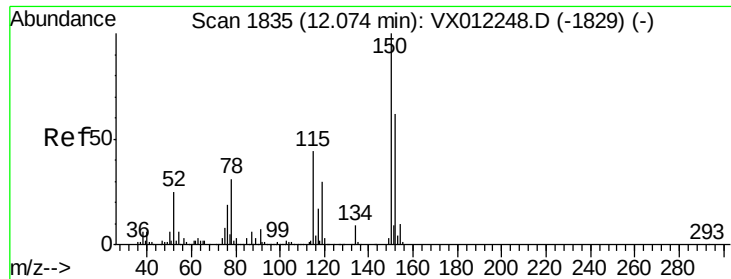


Abundance Ion 116.90 (116.60 to 117.60): VX012248.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012248.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012248.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012304.D

Acq: 11 Sep 2019 16:05

Instrument :

MSVOA_X

ClientSampleId :

T11-C3-(0)

Tot Ion:152 Resp: 109534

Ion Ratio Lower Upper

152 100

115 65.2 45.5 136.4

150 159.8 0.0 346.4

