

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011954.D
 Acq On : 31 Aug 2019 16:47
 Operator : SY/SP
 Sample : K4516-19
 Misc : 4.96g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-D-(2.5)

Quant Time: Sep 01 02:55:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

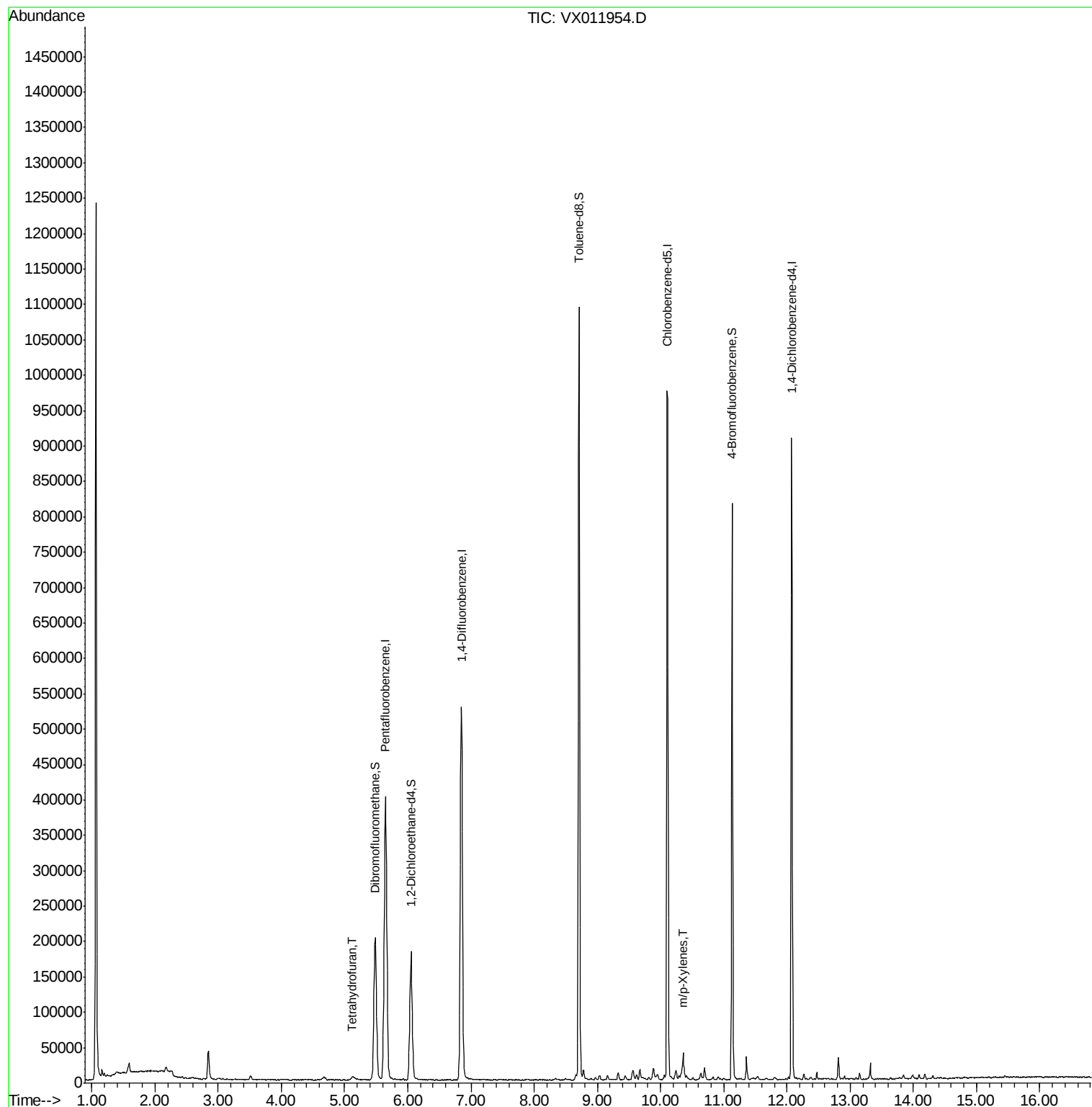
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	552124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	456784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	194001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	175231	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	
35) Dibromofluoromethane	5.48	113	164294	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
50) Toluene-d8	8.71	98	617350	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	201328	36.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.52%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	5410	6.774	ug/l	96
68) m/p-Xylenes	10.35	106	7671	1.319	ug/l	95

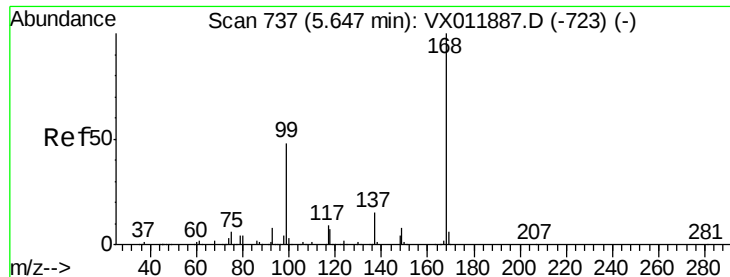
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011954.D

Acq: 31 Aug 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

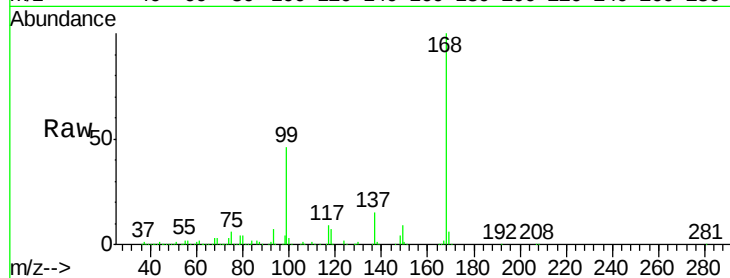
T2-S-D-(2.5)

Tot Ion:168 Resp: 426151

Ion Ratio Lower Upper

168 100

99 45.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

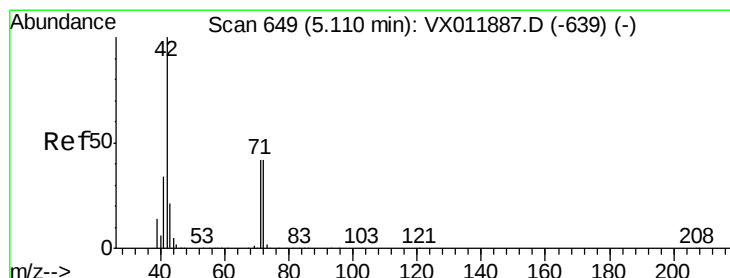
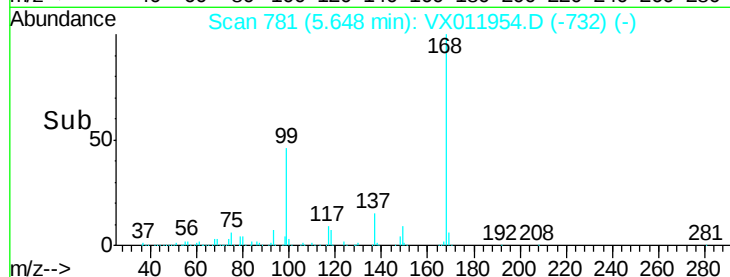
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 6.774 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX011954.D

Acq: 31 Aug 2019 16:47

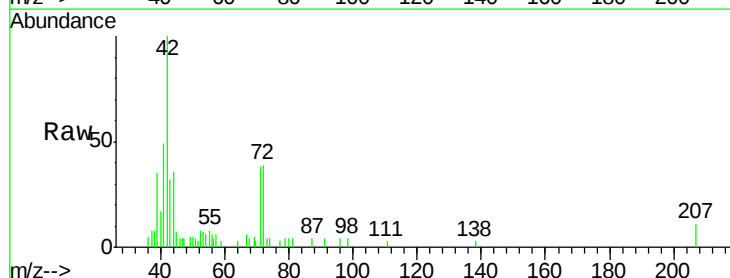
Tgt Ion: 42 Resp: 5410

Ion Ratio Lower Upper

42 100

72 45.0 36.2 54.4

71 46.7 33.1 49.7



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

2000

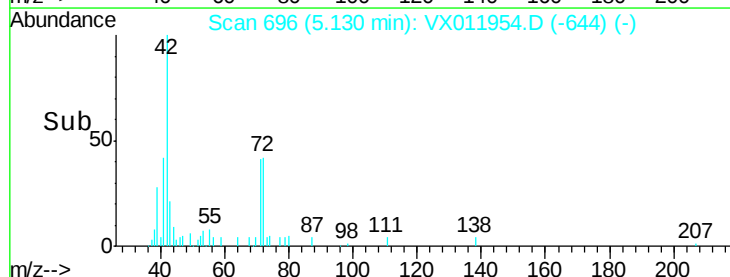
1500

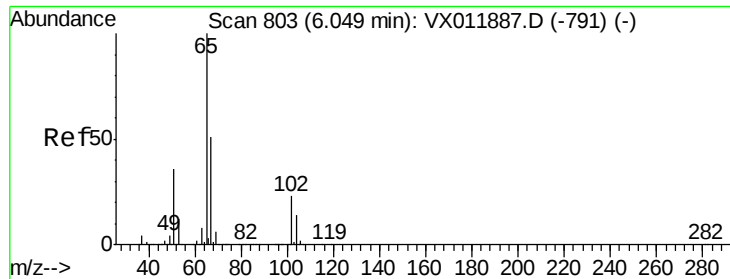
1000

500

0

Time--> 5.00 5.10 5.20

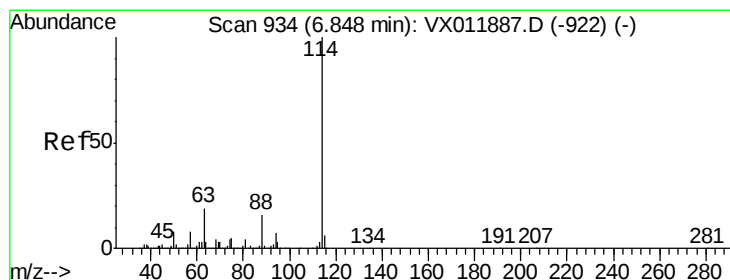
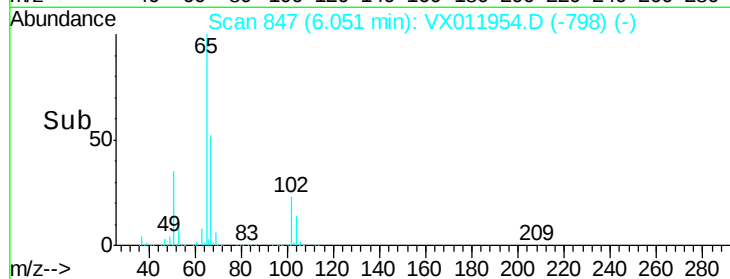
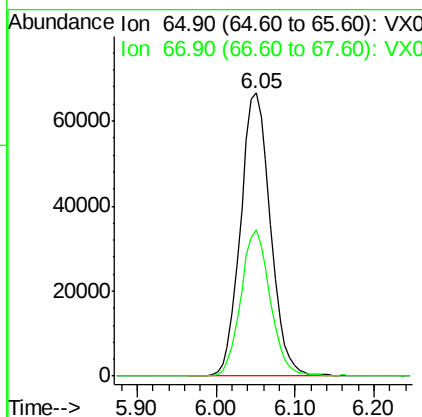
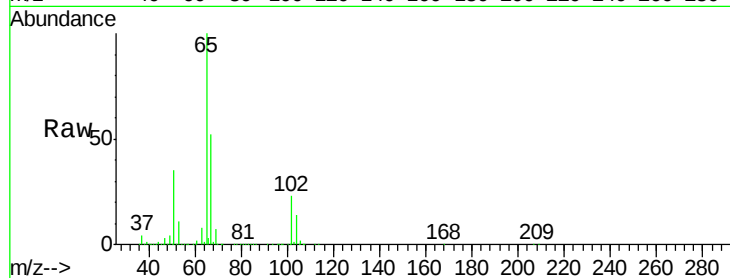




#33
 1,2-Dichloroethane-d4
 Concen: 42.918 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011954.D
 Acq: 31 Aug 2019 16:47

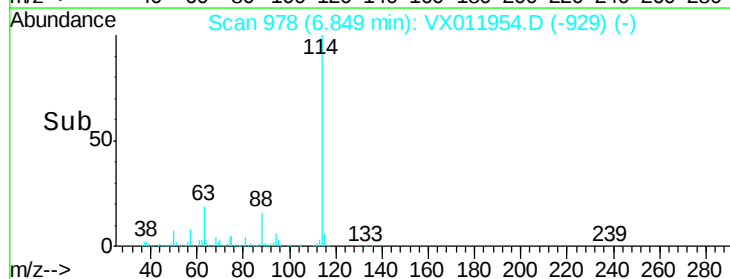
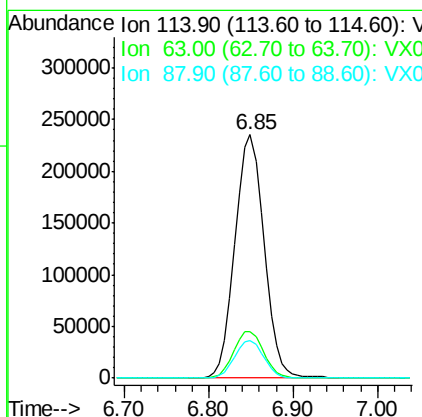
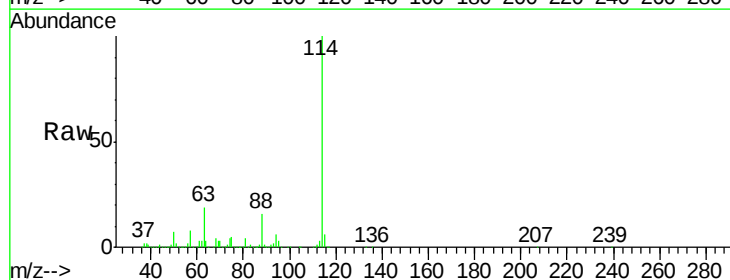
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-D-(2.5)

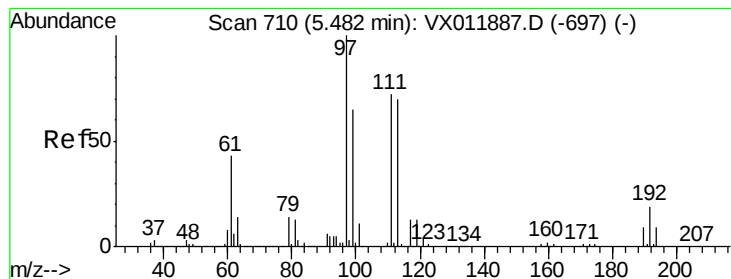
Tot Ion: 65 Resp: 175231
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011954.D
 Acq: 31 Aug 2019 16:47

Tgt Ion: 114 Resp: 552124
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.405 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011954.D

Acq: 31 Aug 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

T2-S-D-(2.5)

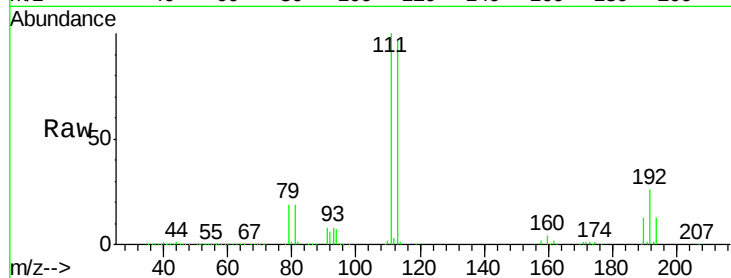
Tot Ion:113 Resp: 164294

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

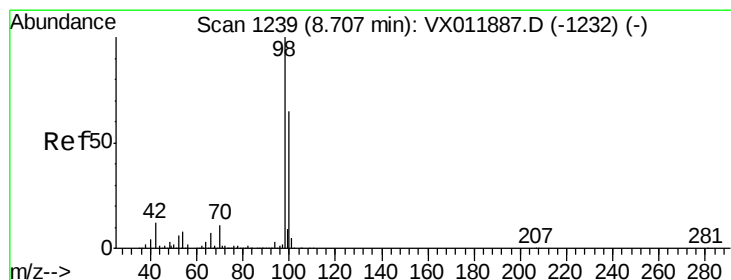
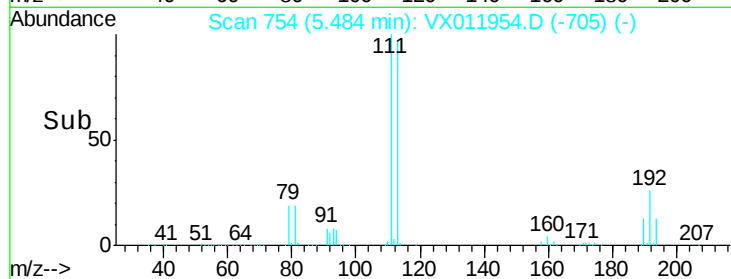
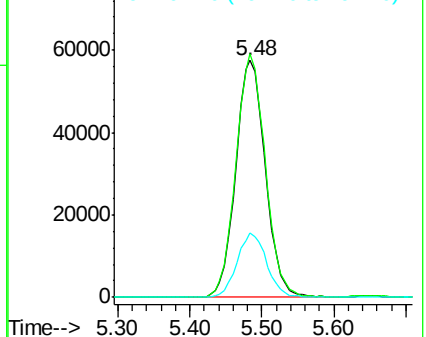
192 26.9 21.5 32.3



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: 48.779 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011954.D

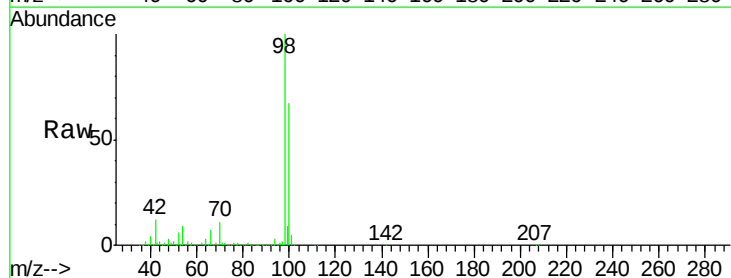
Acq: 31 Aug 2019 16:47

Tgt Ion: 98 Resp: 617350

Ion Ratio Lower Upper

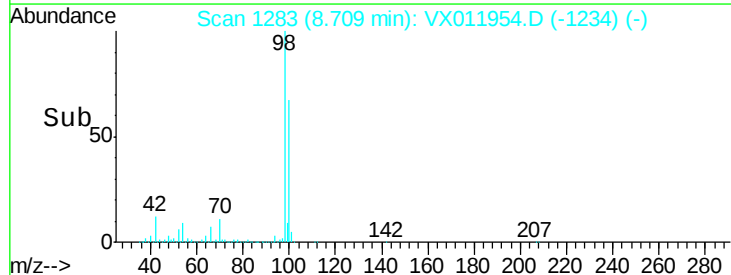
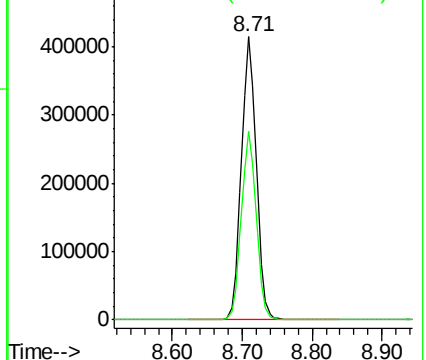
98 100

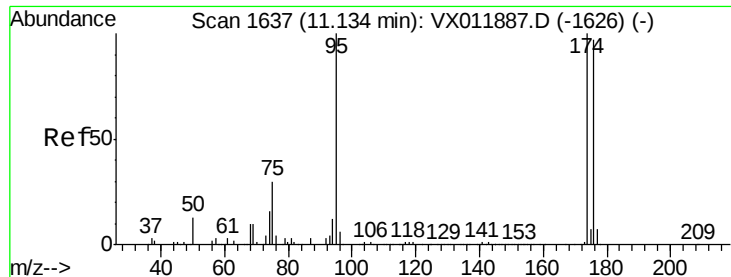
100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

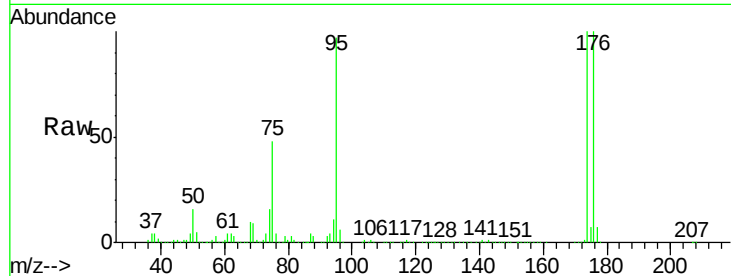




#62
4-Bromofluorobenzene
Concen: 36.264 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011954.D
Acq: 31 Aug 2019 16:47

Instrument :
MSVOA_X
ClientSampleId :
T2-S-D-(2.5)

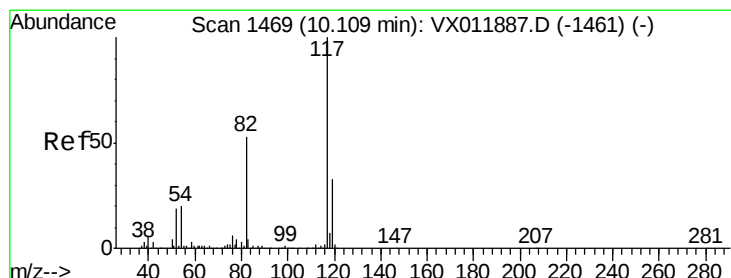
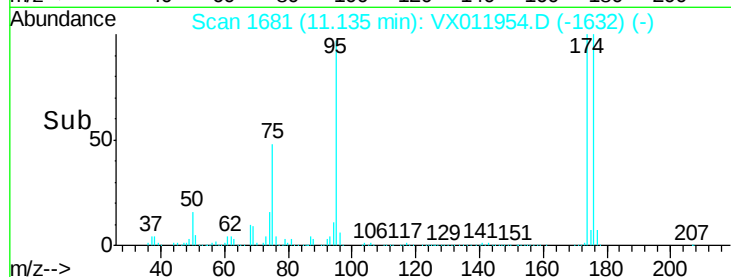
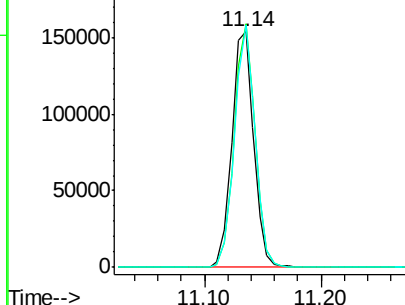
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	196.0
176	97.3	0.0	191.4



Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

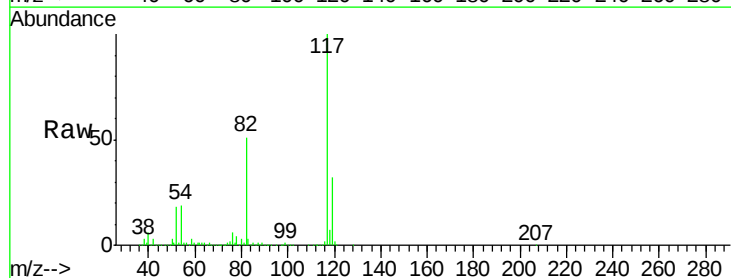
Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011954.D
Acq: 31 Aug 2019 16:47

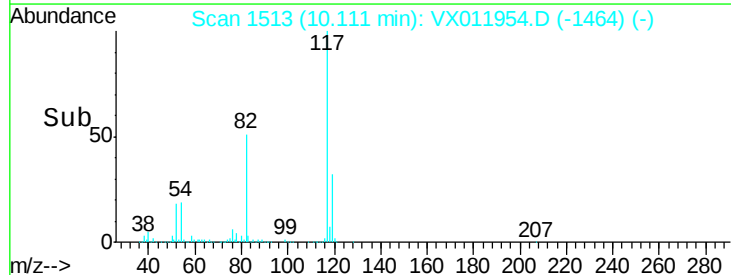
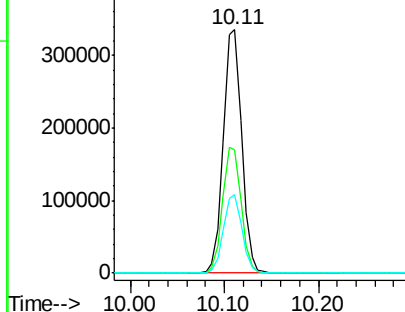
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.0	63.0
119	32.4	26.2	39.4

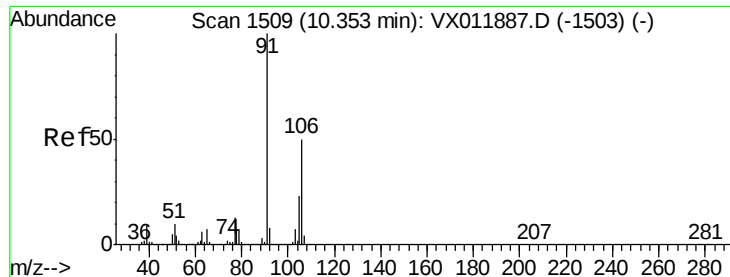


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)





#68

m/p-Xvlenes

Concen: 1.319 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX011954.D

Acq: 31 Aug 2019 16:47

Instrument :

MSVOA_X

ClientSampled :

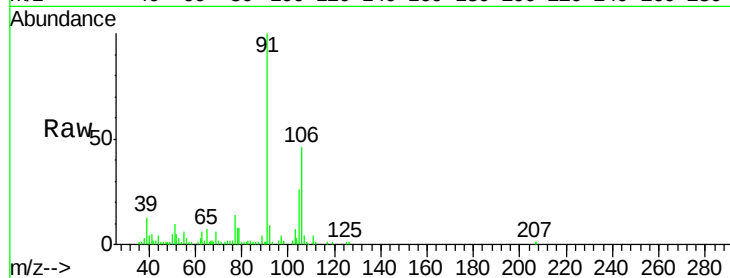
T2-S-D-(2.5)

Tot Ion:106 Resp: 7671

Ion Ratio Lower Upper

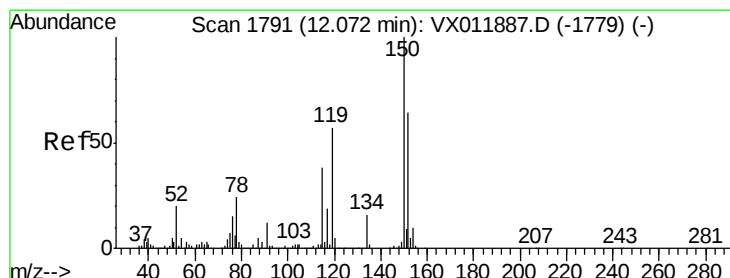
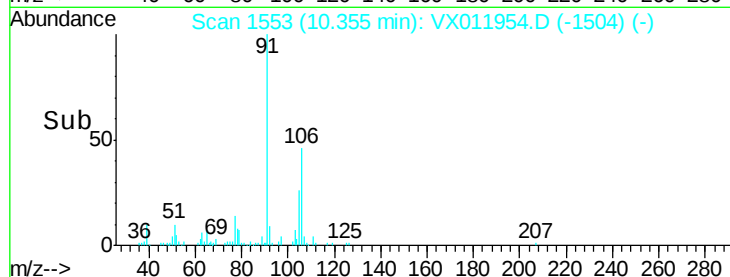
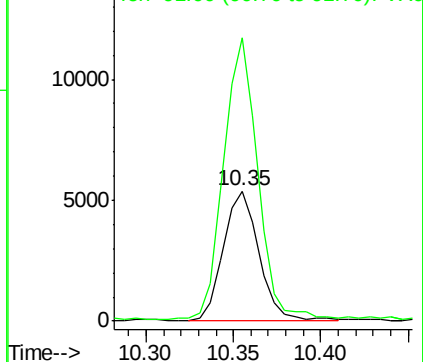
106 100

91 205.5 158.6 237.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011954.D

Acq: 31 Aug 2019 16:47

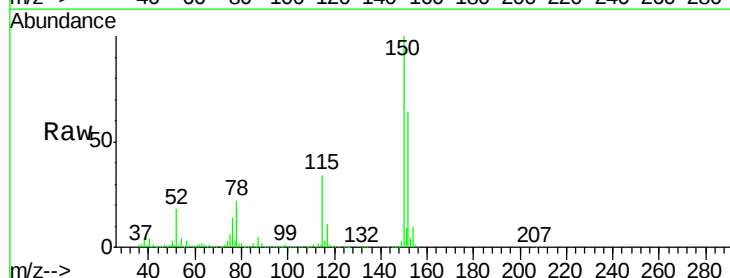
Tgt Ion:152 Resp: 194001

Ion Ratio Lower Upper

152 100

115 53.2 37.1 111.3

150 157.7 0.0 339.6



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

