

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011959.D
 Acq On : 31 Aug 2019 19:07
 Operator : SY/SP
 Sample : K4526-07
 Misc : 5.06g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F2-(0)

Quant Time: Sep 01 03:04:36 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

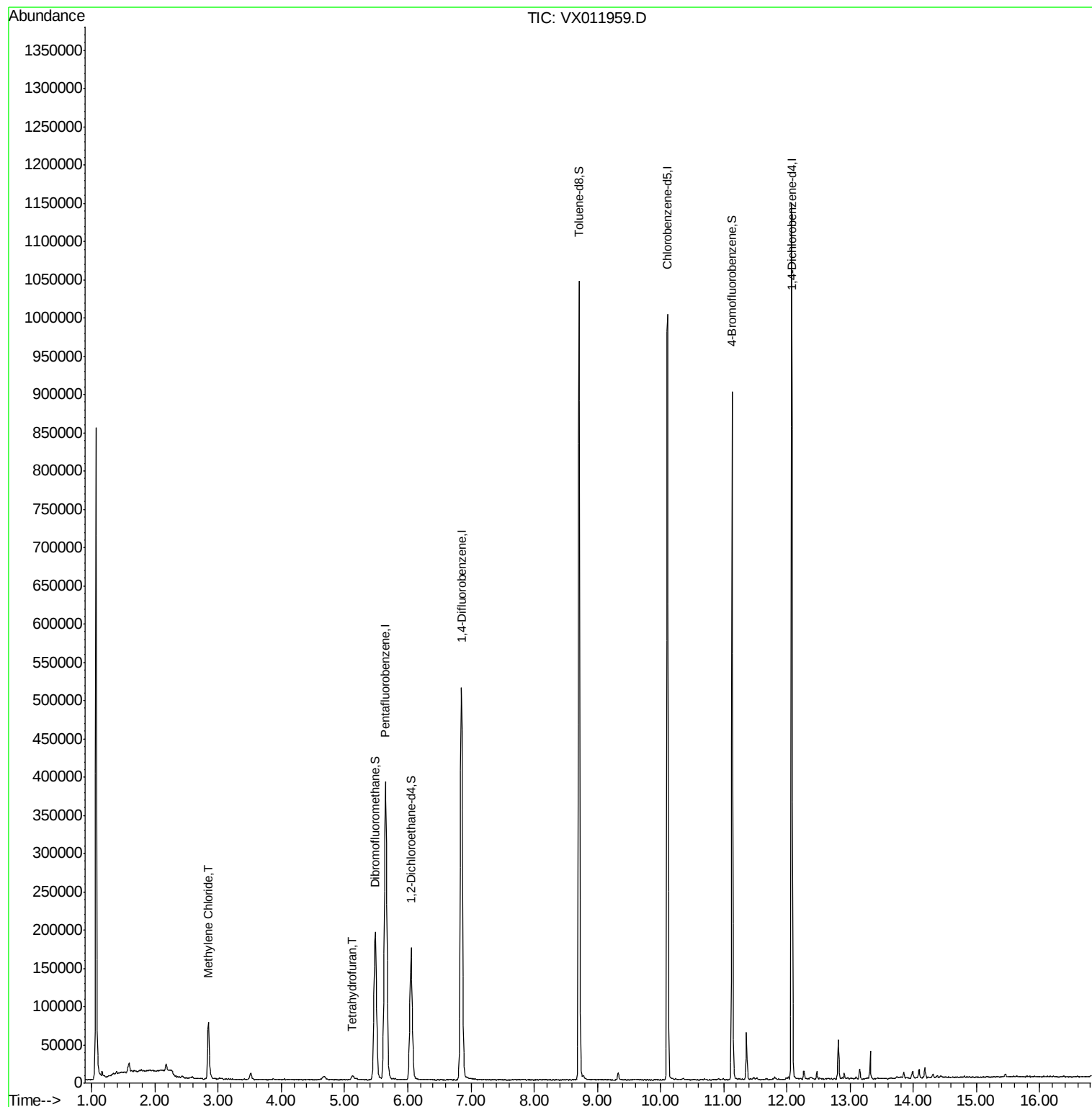
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	417093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	540163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	470467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	244010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	168312	42.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.24%	
35) Dibromofluoromethane	5.48	113	158155	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
50) Toluene-d8	8.71	98	602338	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	221965	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
Target Compounds						
20) Methylene Chloride	2.84	84	36670	5.638	ug/l	95
29) Tetrahydrofuran	5.12	42	4448	5.691	ug/l #	86

(#) = 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
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: VX011959.D

Acq: 31 Aug 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

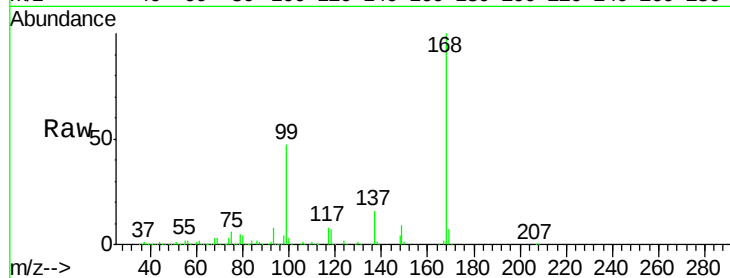
T9-12-13-F2-(0)

Tot Ion:168 Resp: 417093

Ion Ratio Lower Upper

168 100

99 47.2 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

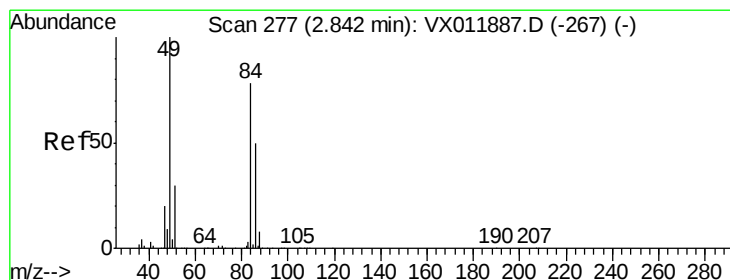
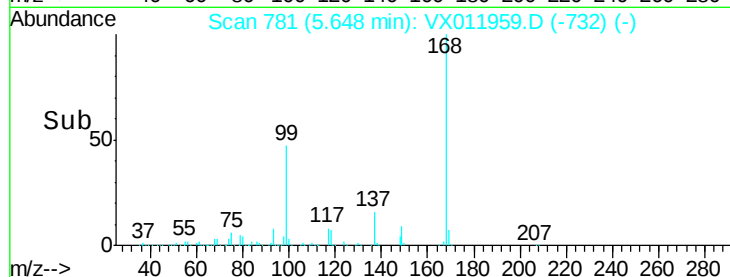
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.638 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX011959.D

Acq: 31 Aug 2019 19:07

Tgt Ion: 84 Resp: 36670

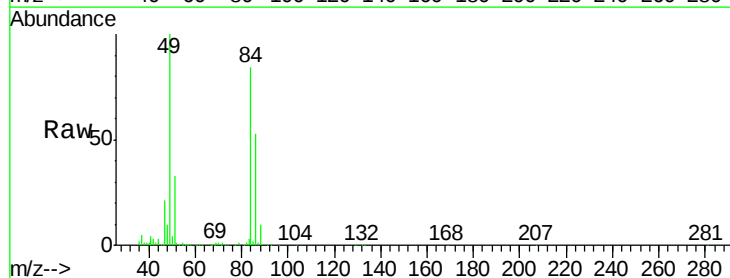
Ion Ratio Lower Upper

84 100

49 118.5 103.0 154.4

51 38.9 30.8 46.2

86 63.4 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.84

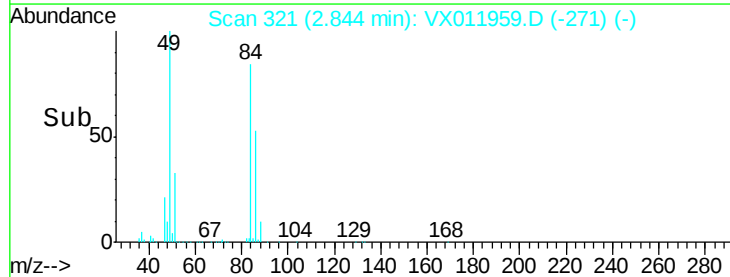
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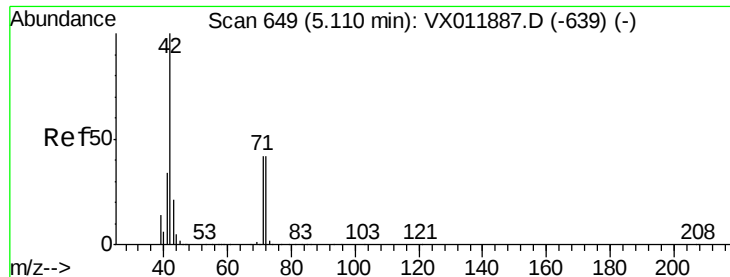
20000

10000

0

Time-->

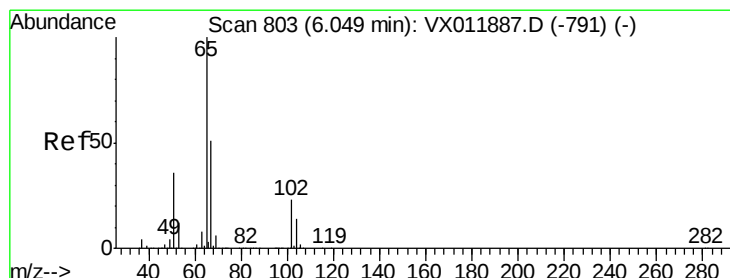
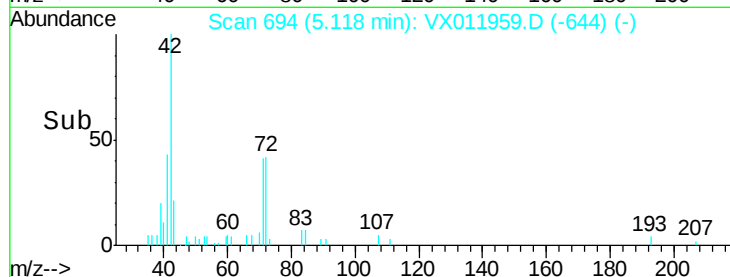
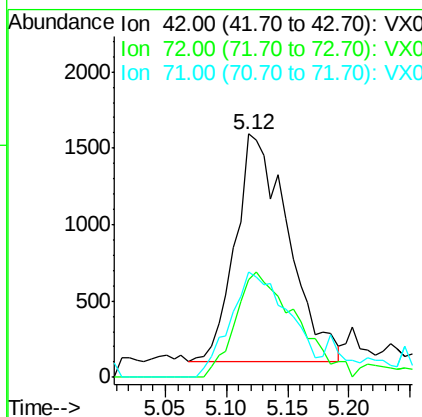
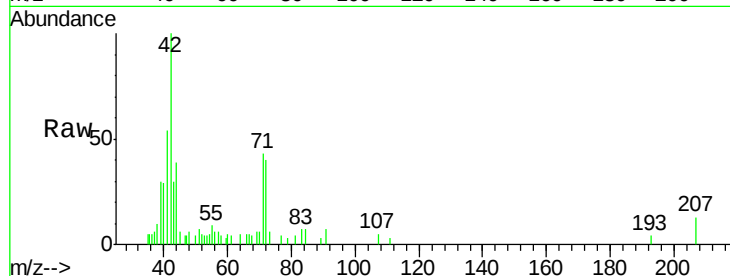




#29
Tetrahydrofuran
Concen: 5.691 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

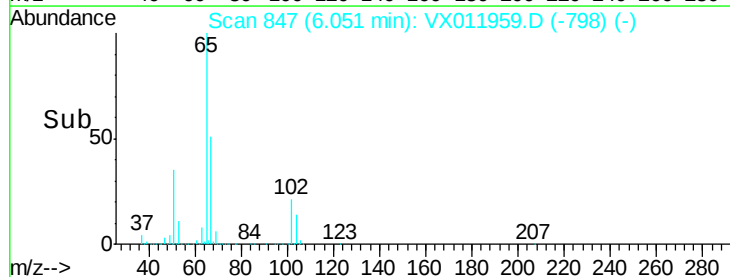
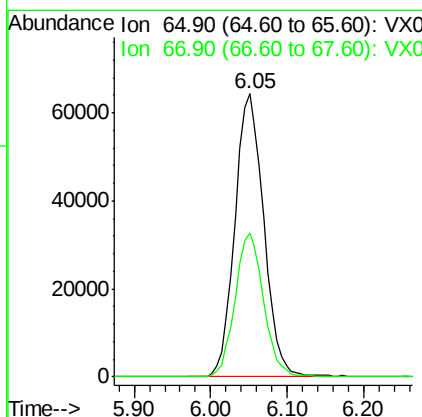
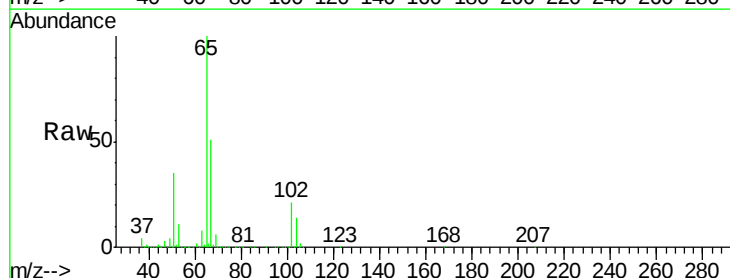
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

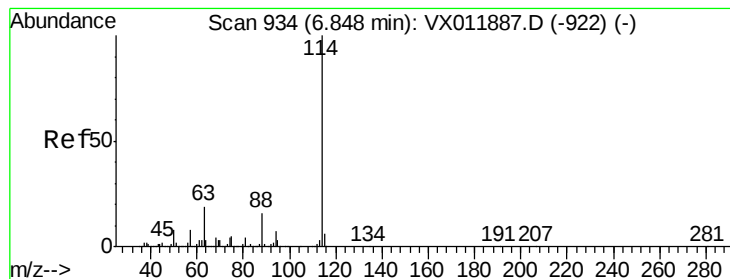
Tot Ion: 42 Resp: 4448
Ion Ratio Lower Upper
42 100
72 53.3 36.2 54.4
71 51.8 33.1 49.7#



#33
1,2-Dichloroethane-d4
Concen: 42.118 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 65 Resp: 168312
Ion Ratio Lower Upper
65 100
67 49.9 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: VX011959.D

Acq: 31 Aug 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F2-(0)

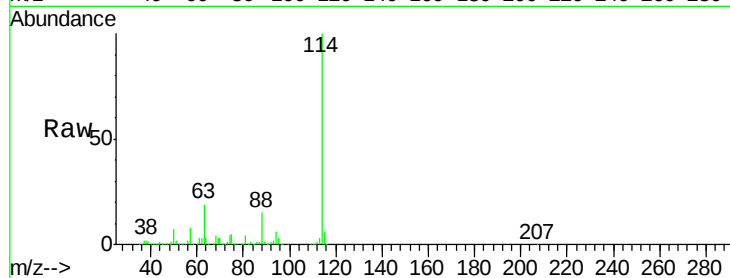
Tot Ion:114 Resp: 540163

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

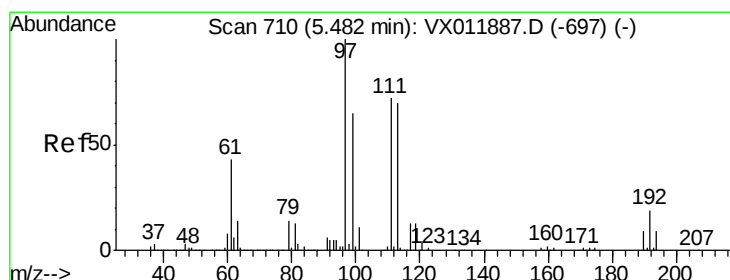
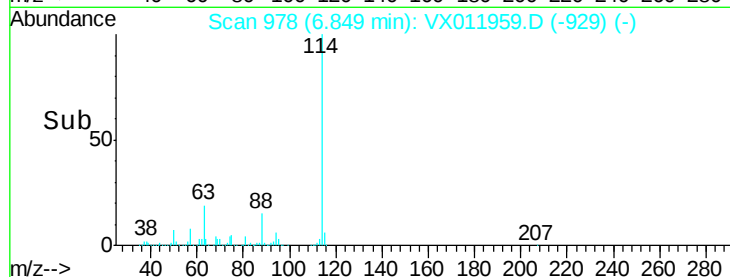
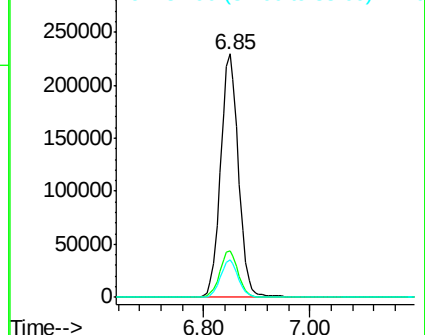
88 15.5 0.0 31.2



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: 45.660 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011959.D

Acq: 31 Aug 2019 19:07

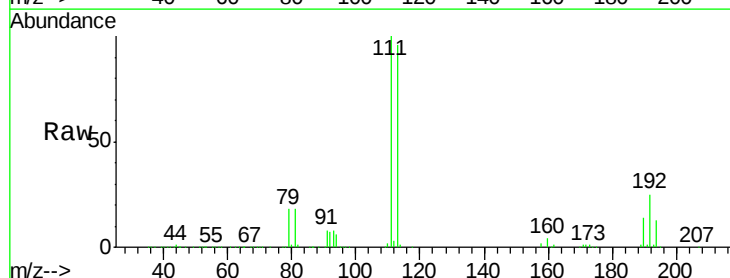
Tgt Ion:113 Resp: 158155

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

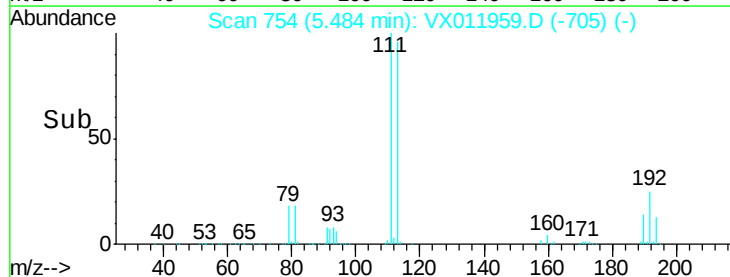
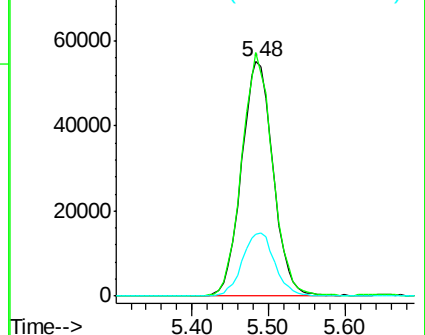
192 27.5 21.5 32.3

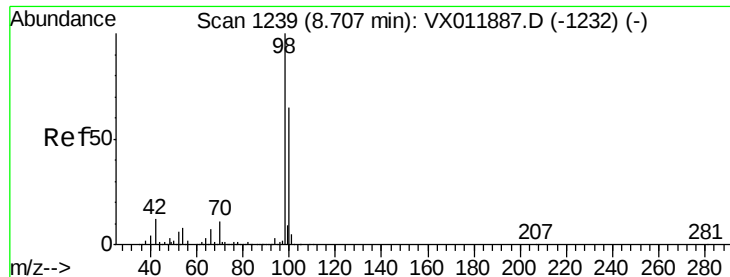


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

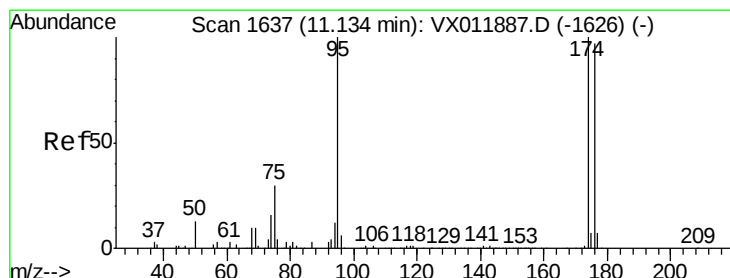
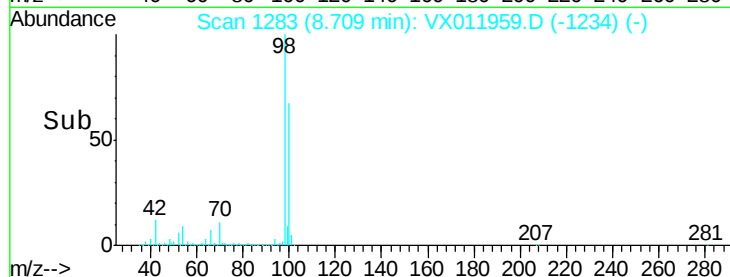
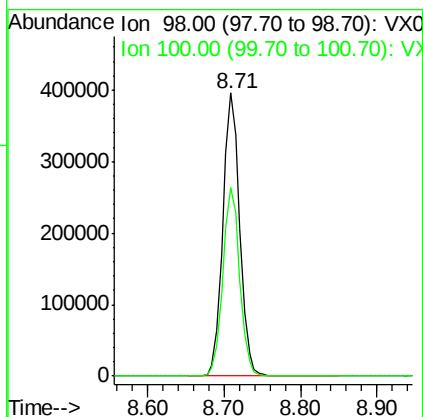
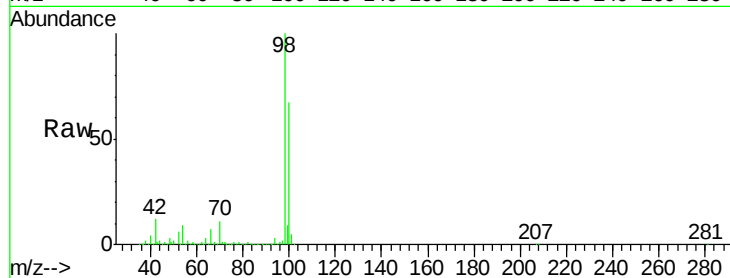




#50
Toluene-d8
Concen: 48.647 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

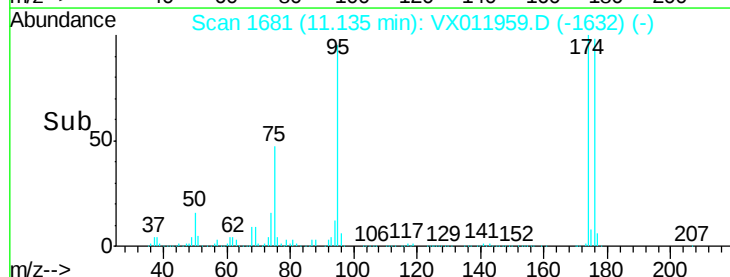
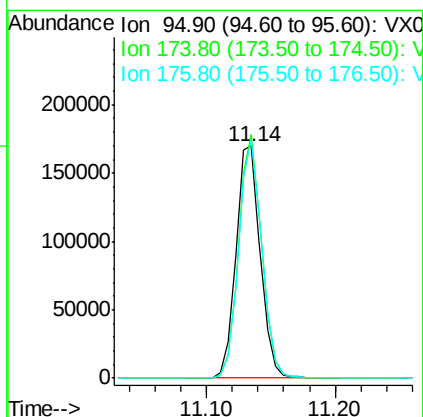
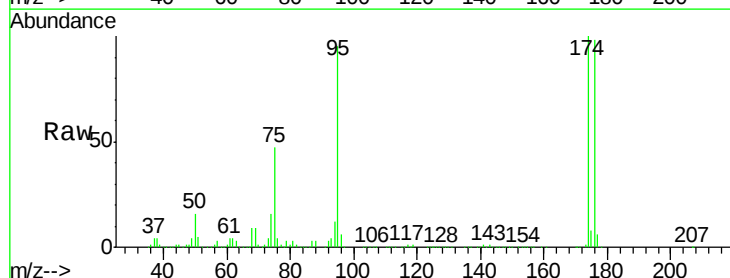
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

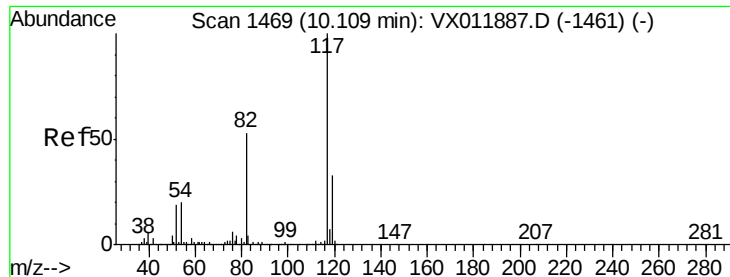
Tot Ion: 98 Resp: 602338
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 40.867 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 95 Resp: 221965
Ion Ratio Lower Upper
95 100
174 99.3 0.0 196.0
176 97.9 0.0 191.4

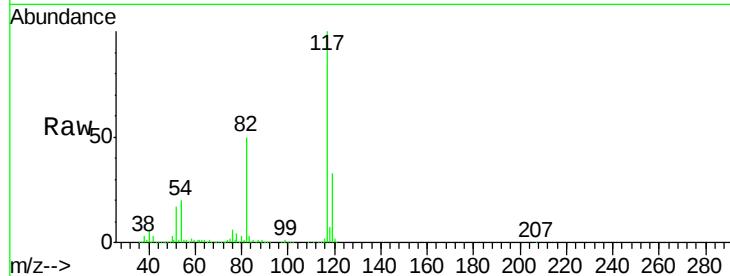




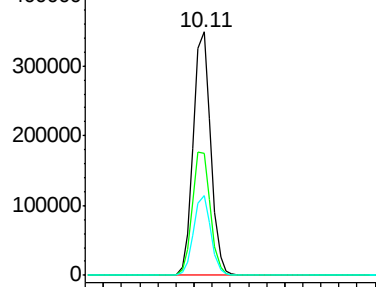
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

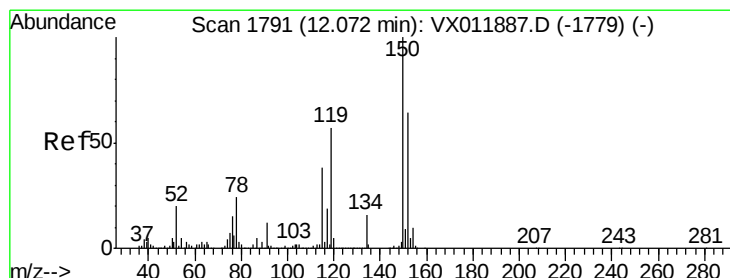
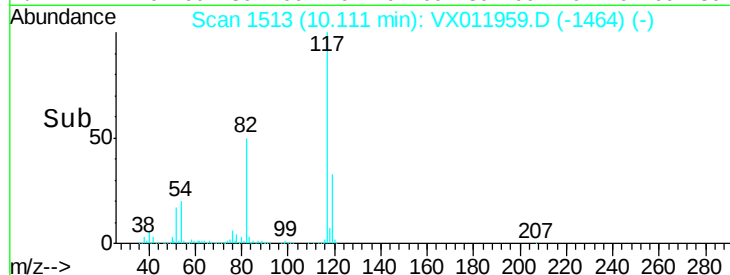
Tot Ion:117 Resp: 470467
Ion Ratio Lower Upper
117 100
82 50.4 42.0 63.0
119 32.8 26.2 39.4



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

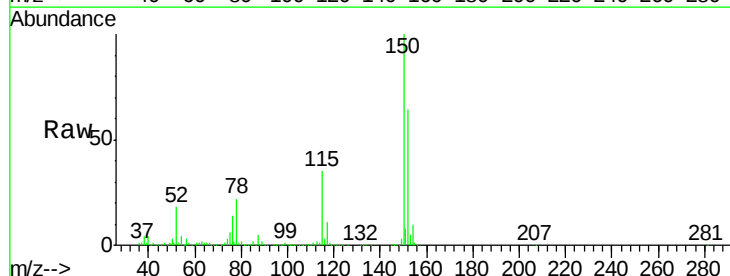


Time--> 10.00 10.10 10.20

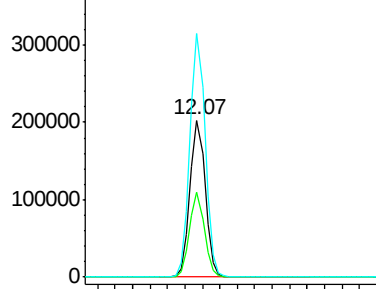


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion:152 Resp: 244010
Ion Ratio Lower Upper
152 100
115 52.4 37.1 111.3
150 154.8 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



Time--> 12.00 12.10 12.20

