

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012327.D
 Acq On : 12 Sep 2019 03:42
 Operator : SY/SP
 Sample : K4694-11
 Misc : 5.62g/5.0mL/MSVOA X/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-1-(0)

Quant Time: Sep 12 07:15:18 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

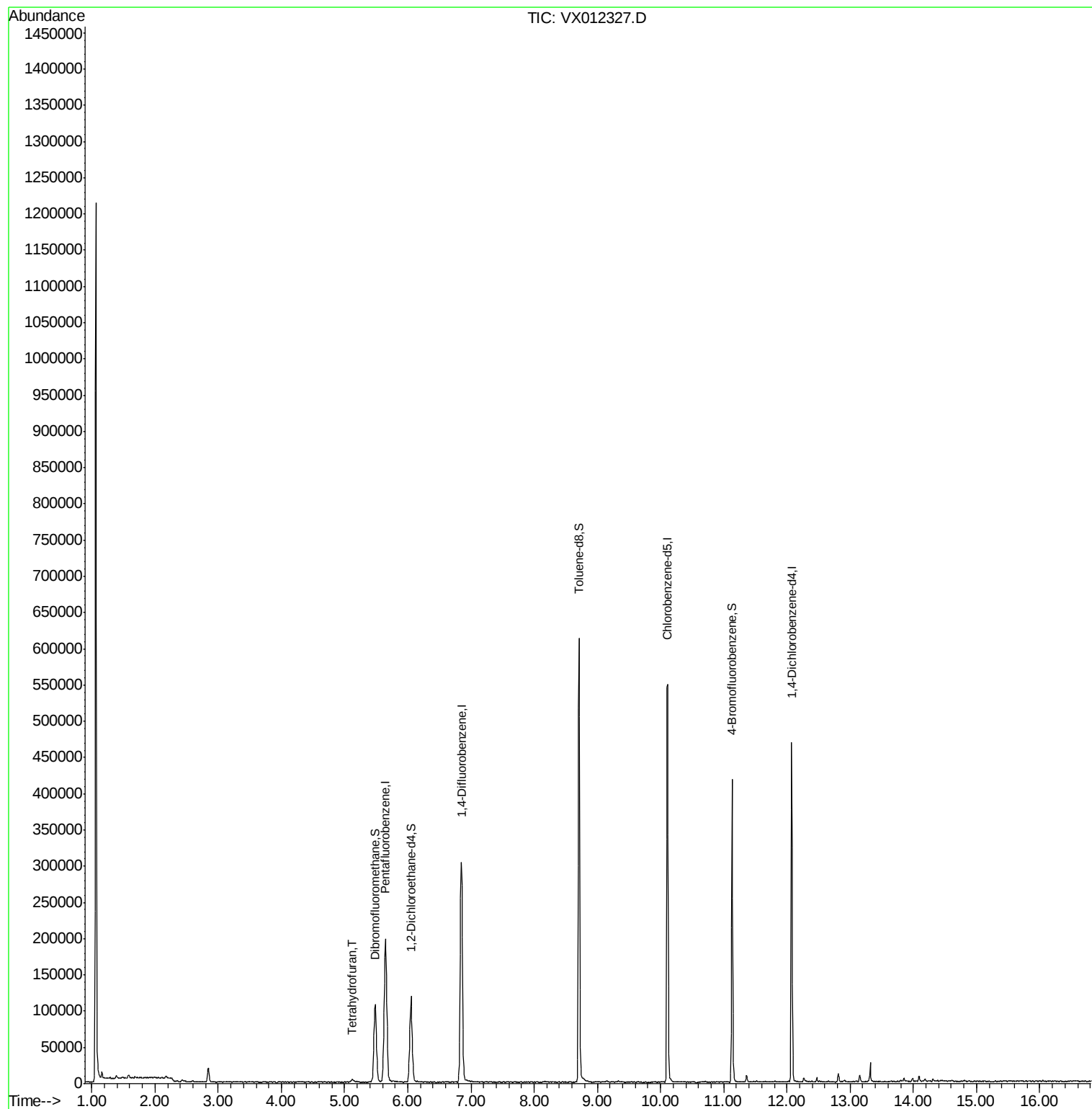
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117198	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	5.48	113	88698	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
50) Toluene-d8	8.71	98	345434	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.13	95	118189	38.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.62%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	4122	10.418	ug/l	Qvalue 97

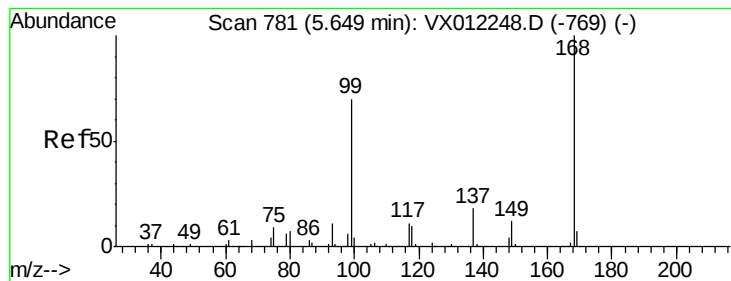
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012327.D

Acq: 12 Sep 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

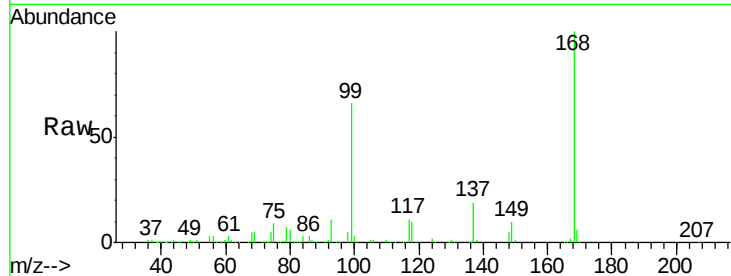
T2-1-(0)

Tot Ion:168 Resp: 171390

Ion Ratio Lower Upper

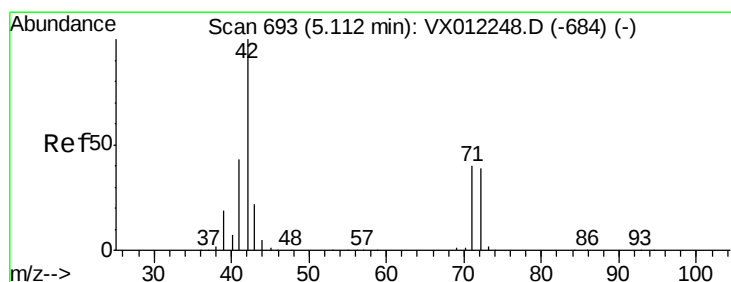
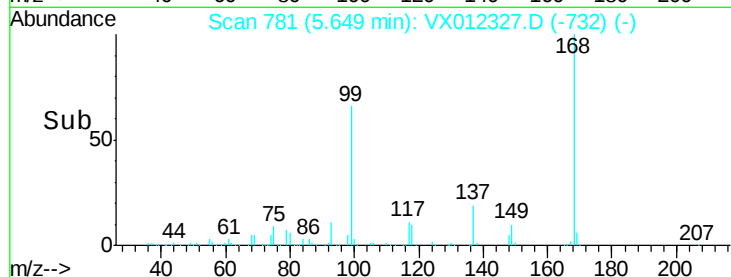
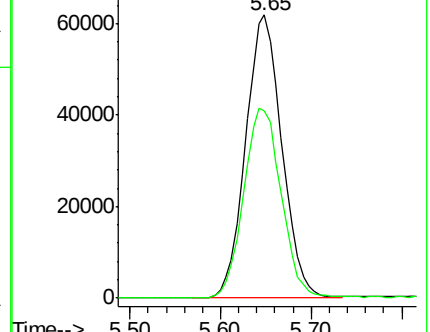
168 100

99 66.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#29

Tetrahydrofuran

Concen: 10.418 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012327.D

Acq: 12 Sep 2019 03:42

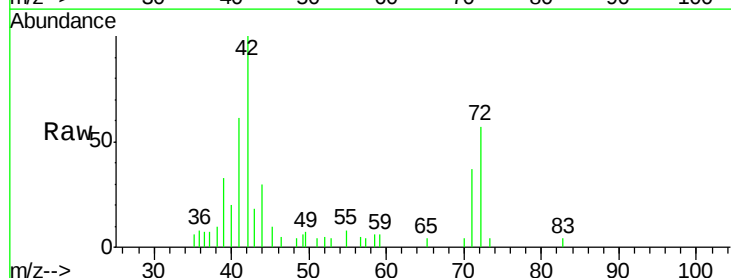
Tgt Ion: 42 Resp: 4122

Ion Ratio Lower Upper

42 100

72 42.1 35.2 52.8

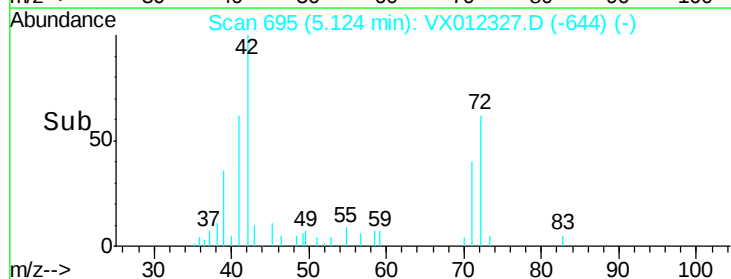
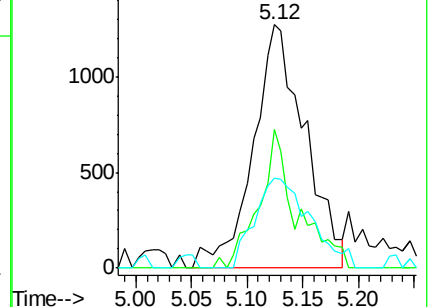
71 39.2 32.5 48.7

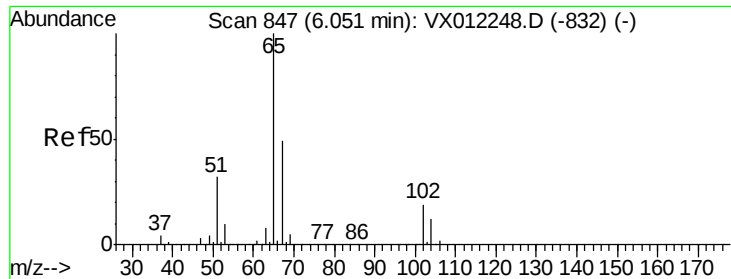


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.367 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012327.D

Acq: 12 Sep 2019 03:42

Instrument :

MSVOA_X

ClientSampled :

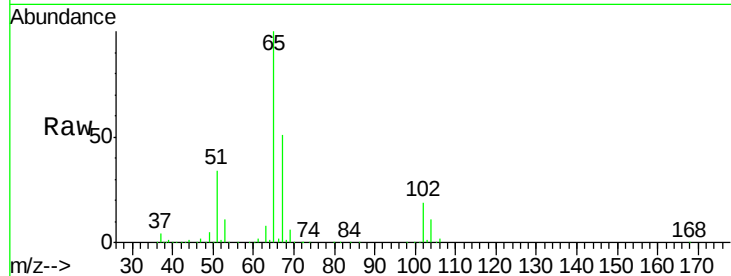
T2-1-(0)

Tot Ion: 65 Resp: 117198

Ion Ratio Lower Upper

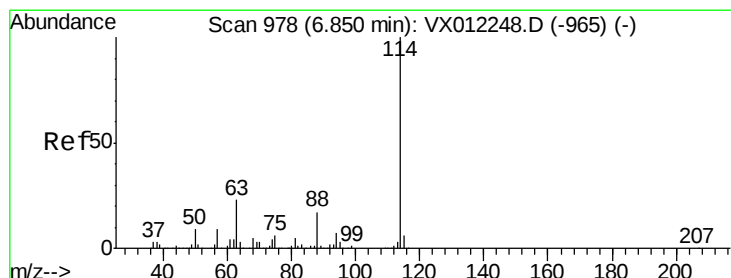
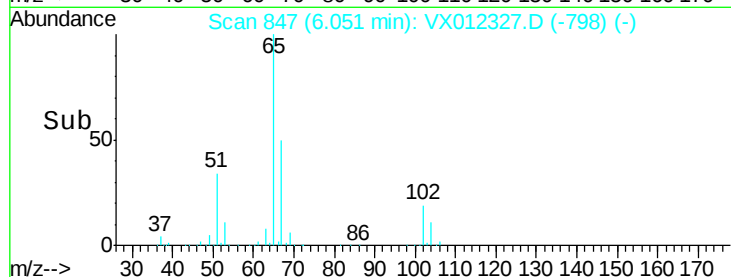
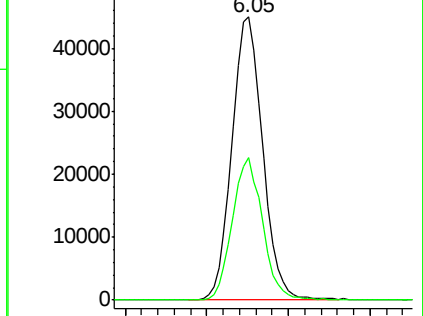
65 100

67 49.5 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: VX012327.D

Acq: 12 Sep 2019 03:42

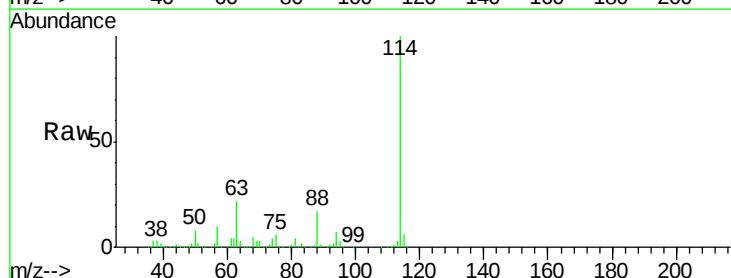
Tgt Ion: 114 Resp: 295937

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

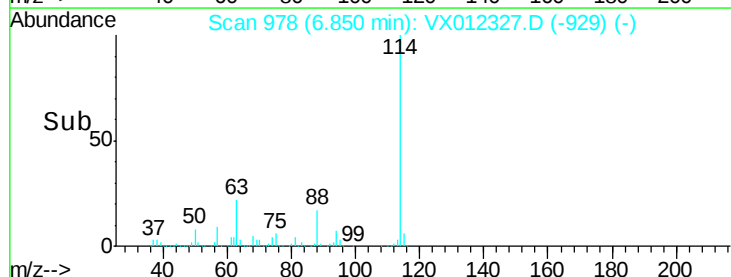
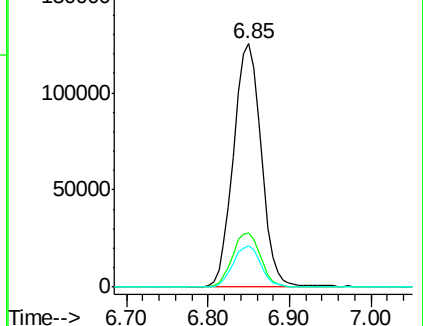
88 17.2 0.0 34.8

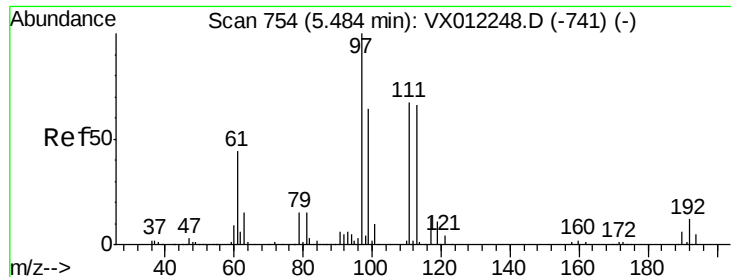


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.755 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012327.D

Acq: 12 Sep 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

T2-1-(0)

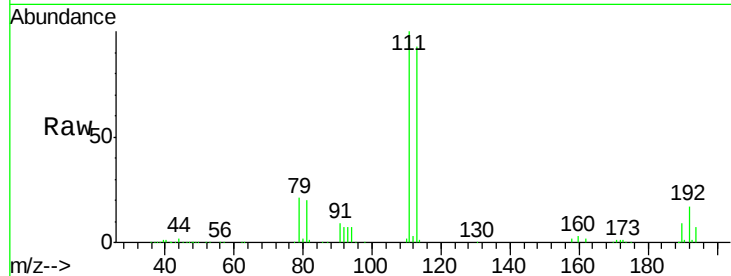
Tot Ion:113 Resp: 88698

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

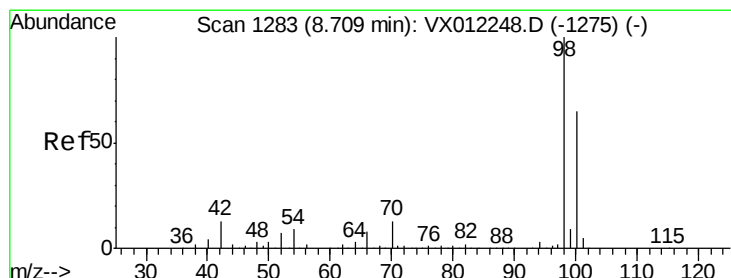
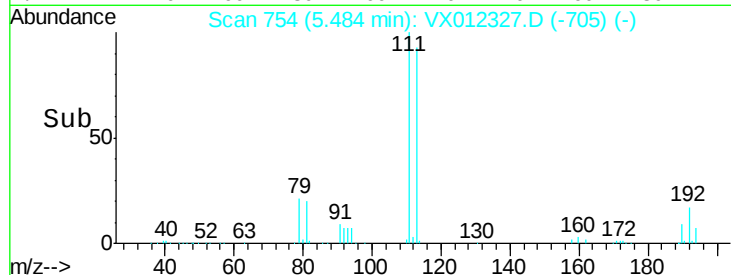
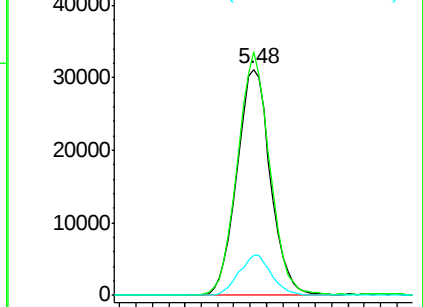
192 17.4 14.3 21.5



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: 51.916 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012327.D

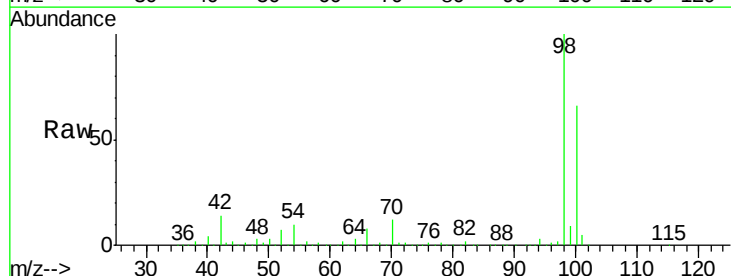
Acq: 12 Sep 2019 03:42

Tgt Ion: 98 Resp: 345434

Ion Ratio Lower Upper

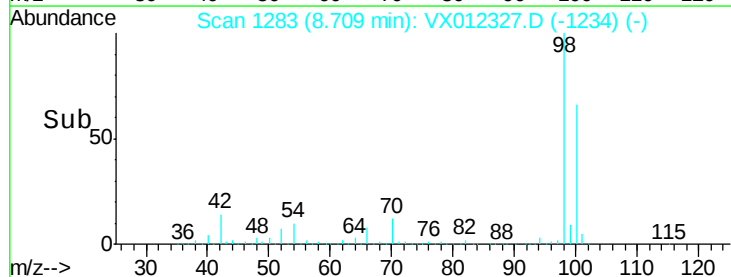
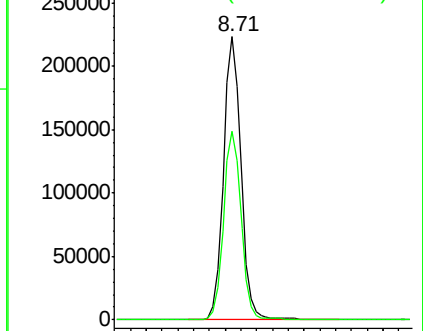
98 100

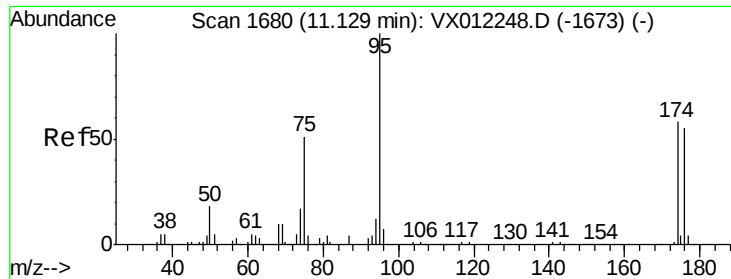
100 67.1 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

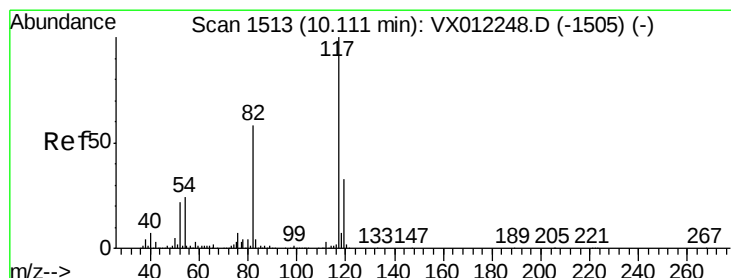
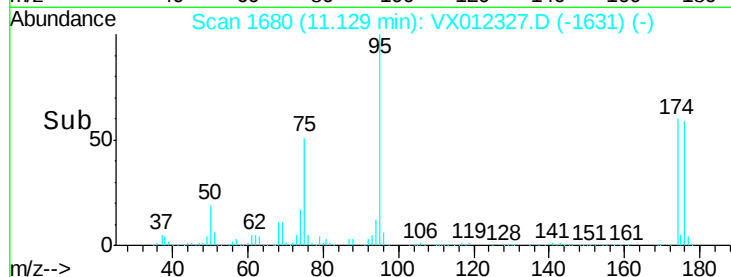
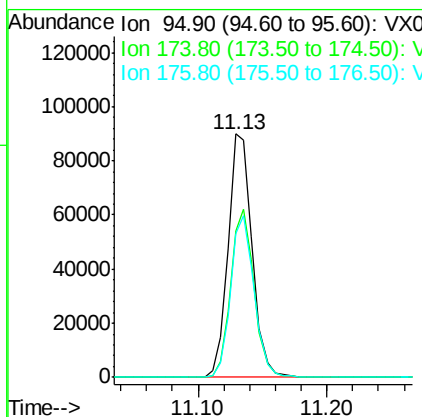
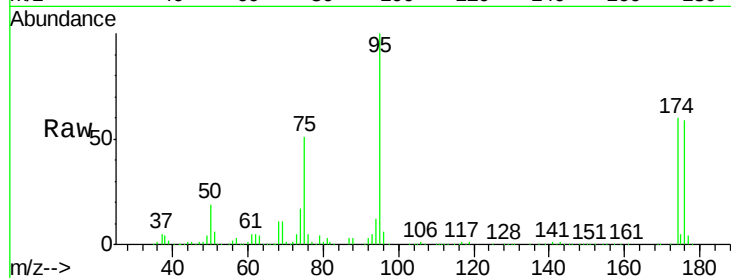




#62
4-Bromofluorobenzene
Concen: 38.315 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX012327.D
Acq: 12 Sep 2019 03:42

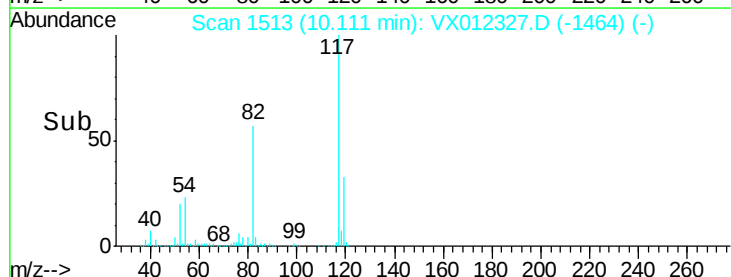
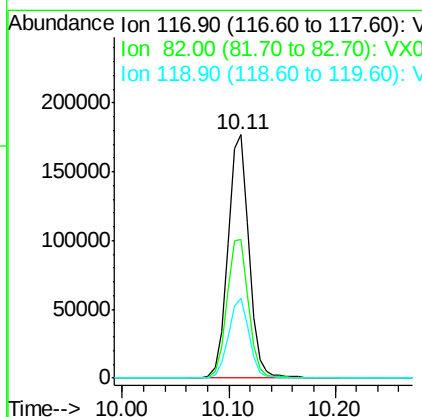
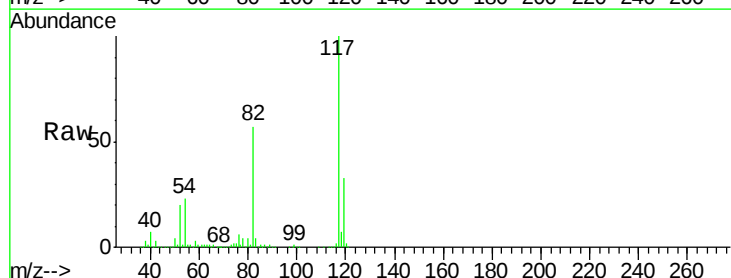
Instrument :
MSVOA_X
ClientSampleId :
T2-1-(0)

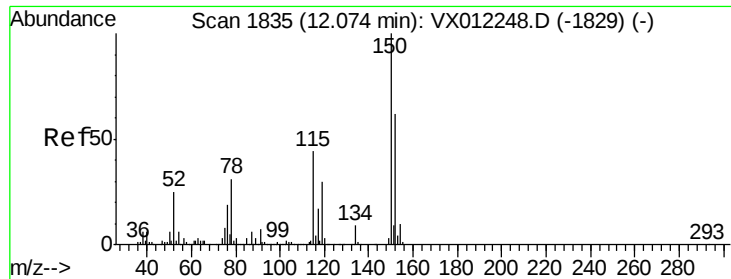
Tot Ion: 95 Resp: 118189
Ion Ratio Lower Upper
95 100
174 66.9 0.0 127.0
176 64.5 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012327.D
Acq: 12 Sep 2019 03:42

Tgt Ion: 117 Resp: 244867
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 32.8 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: VX012327.D

Acq: 12 Sep 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

T2-1-(0)

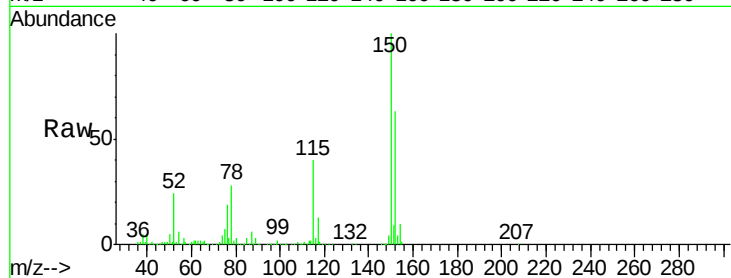
Tot Ion:152 Resp: 86889

Ion Ratio Lower Upper

152 100

115 64.7 45.5 136.4

150 157.2 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

