

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011934.D
 Acq On : 31 Aug 2019 04:40
 Operator : SY/SP
 Sample : K4493-08
 Misc : 5.15g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 31 05:15:35 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

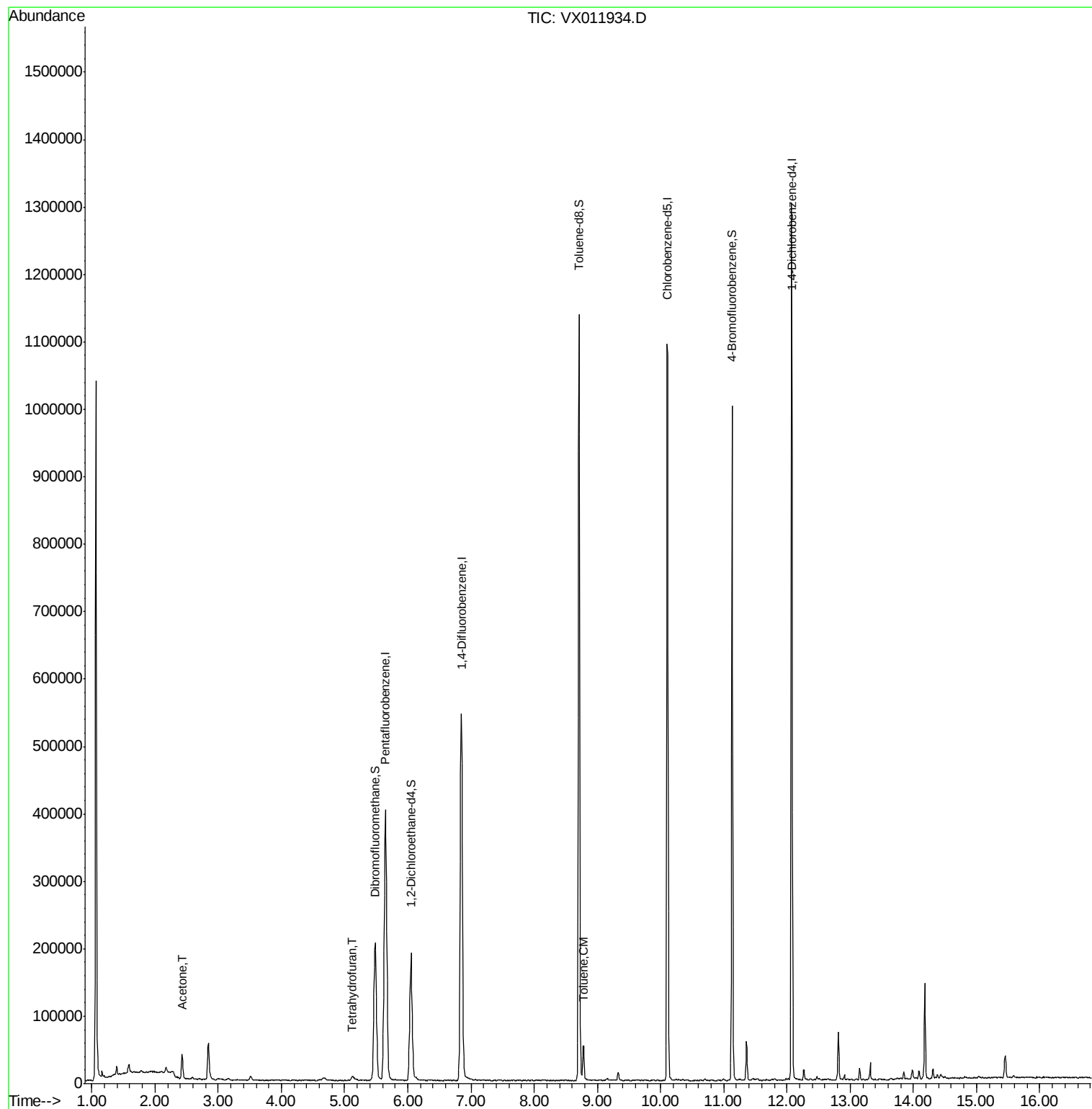
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	575482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	511694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	273283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	182488	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
35) Dibromofluoromethane	5.48	113	167197	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
50) Toluene-d8	8.71	98	657168	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.14	95	245538	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
Target Compounds						
16) Acetone	2.43	43	39192	44.452	ug/l	97
29) Tetrahydrofuran	5.12	42	5975	7.455	ug/l	99
52) Toluene	8.78	92	19291	2.143	ug/l	98

(#) = 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: VX011934.D

Acq: 31 Aug 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

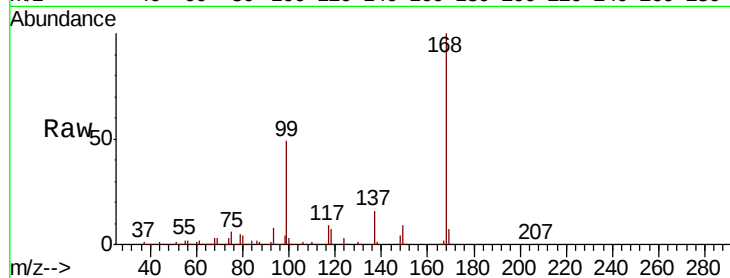
T9-12-13-J-(0)

Tot Ion:168 Resp: 427700

Ion Ratio Lower Upper

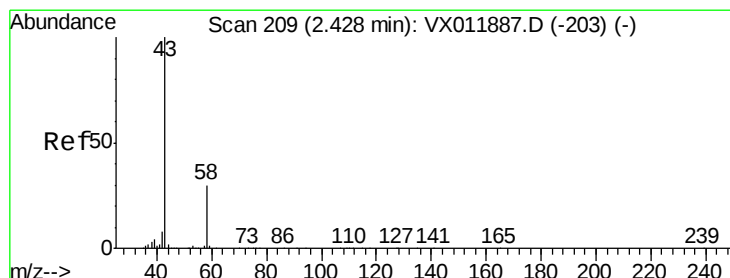
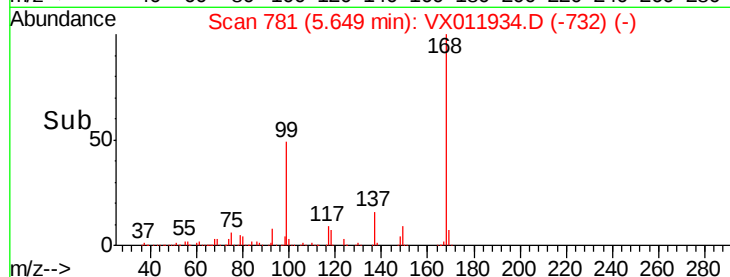
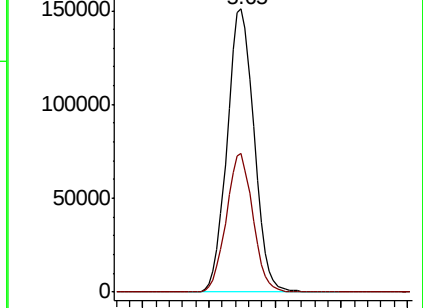
168 100

99 48.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 44.452 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011934.D

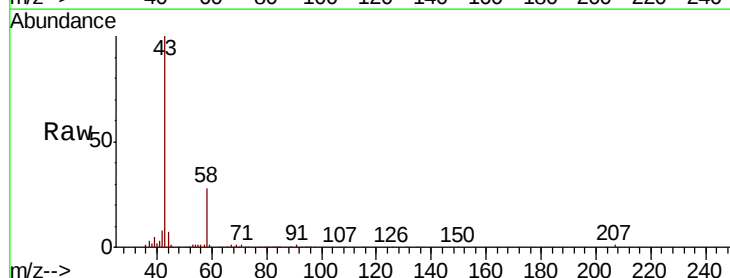
Acq: 31 Aug 2019 04:40

Tgt Ion: 43 Resp: 39192

Ion Ratio Lower Upper

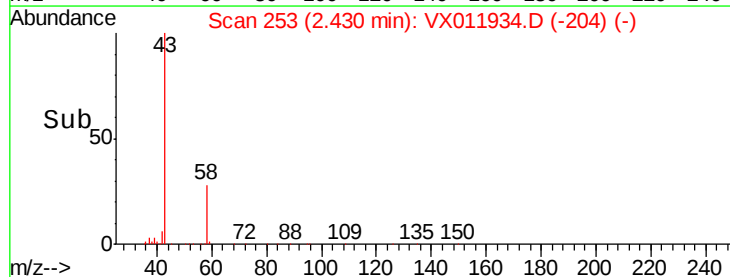
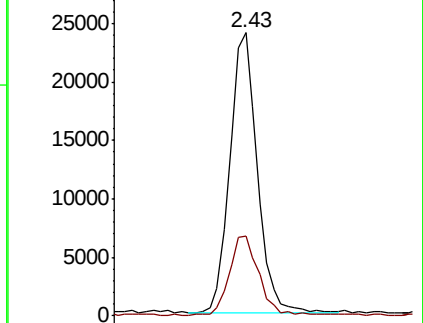
43 100

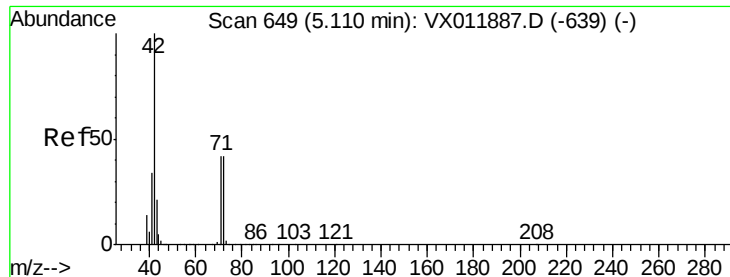
58 28.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

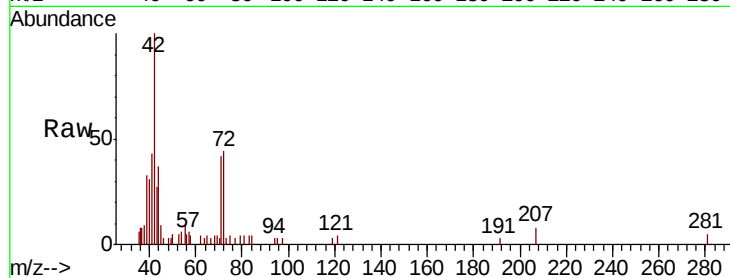




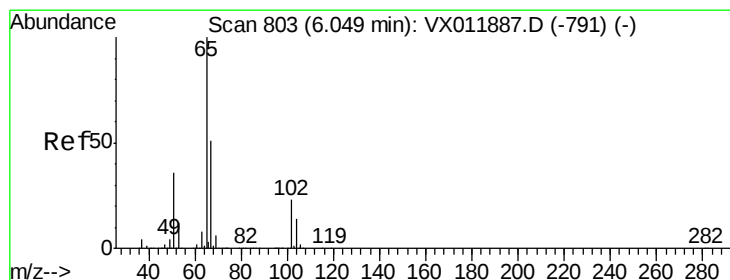
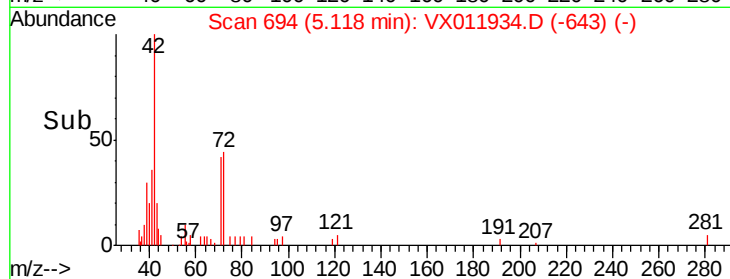
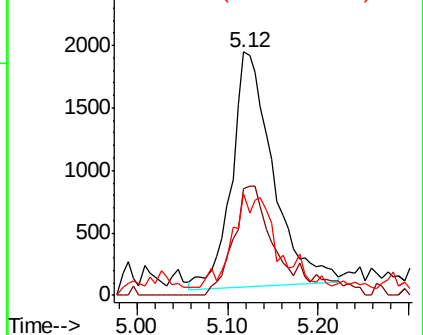
#29
Tetrahydrofuran
Concen: 7.455 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX011934.D
Acq: 31 Aug 2019 04:40

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

Tot Ion: 42 Resp: 5975
Ion Ratio Lower Upper
42 100
72 45.3 36.2 54.4
71 42.5 33.1 49.7

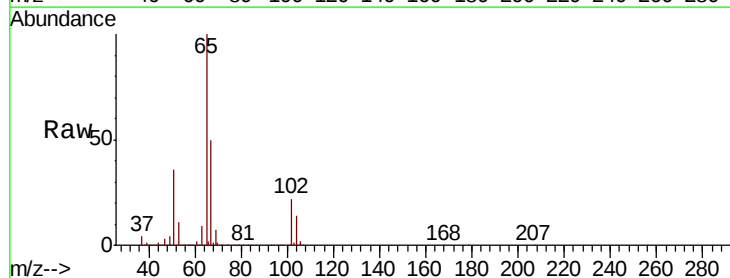


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

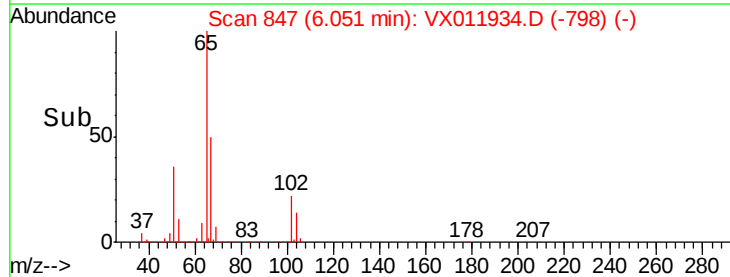
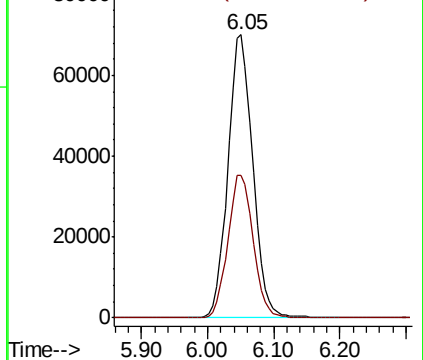


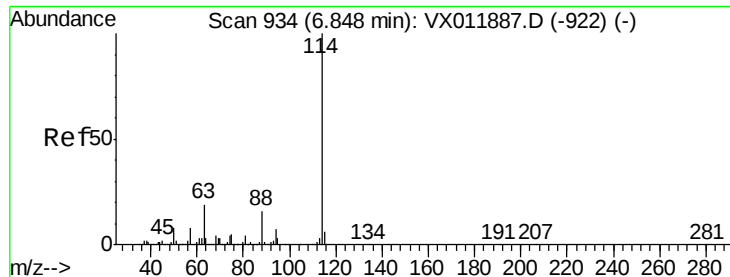
#33
1,2-Dichloroethane-d4
Concen: 44.533 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011934.D
Acq: 31 Aug 2019 04:40

Tgt Ion: 65 Resp: 182488
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2



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: VX011934.D

Acq: 31 Aug 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-J(0)

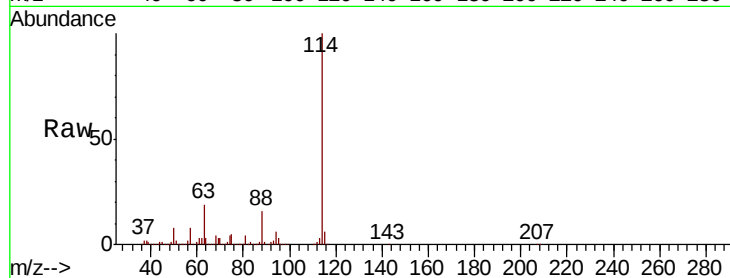
Tot Ion:114 Resp: 575482

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

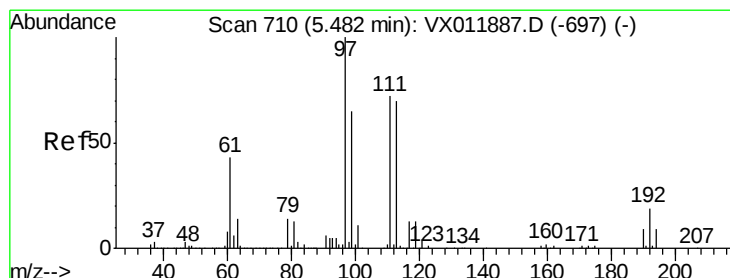
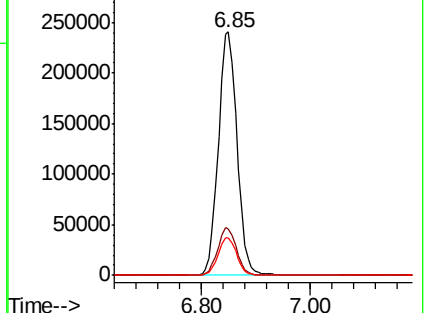
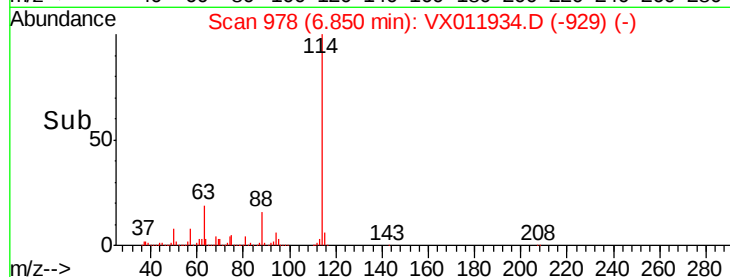
88 15.5 0.0 31.2



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: 45.308 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011934.D

Acq: 31 Aug 2019 04:40

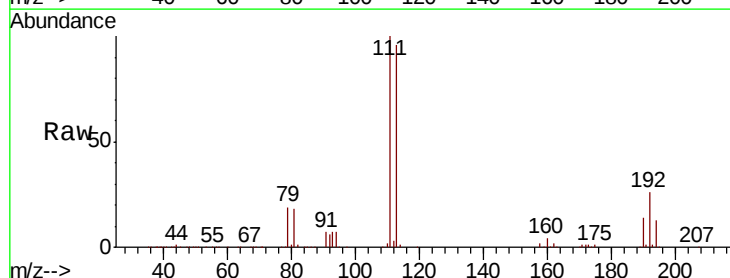
Tgt Ion:113 Resp: 167197

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

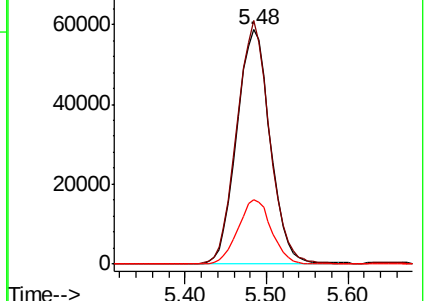
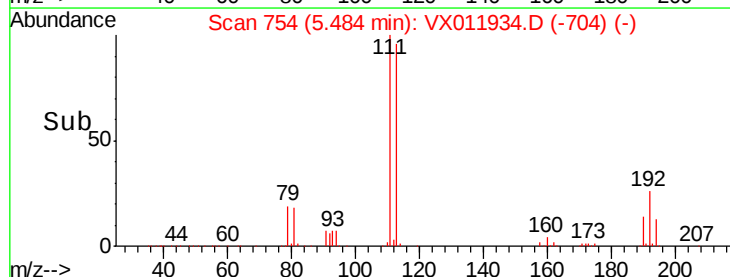
192 27.4 21.5 32.3

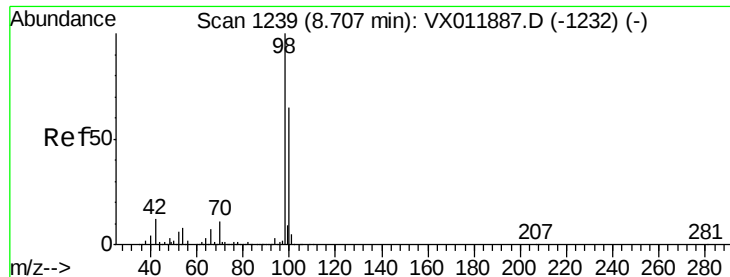


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

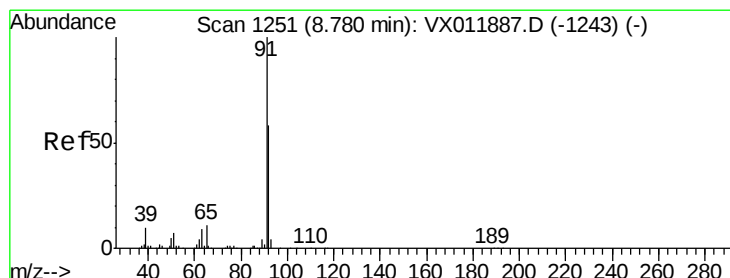
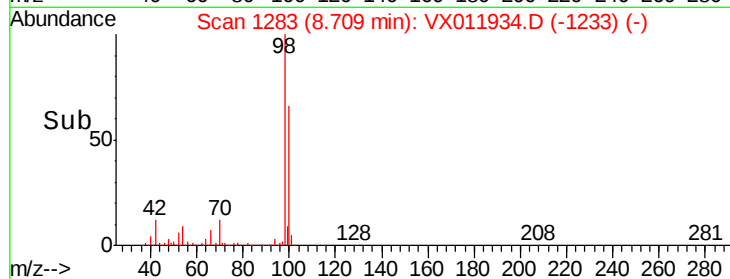
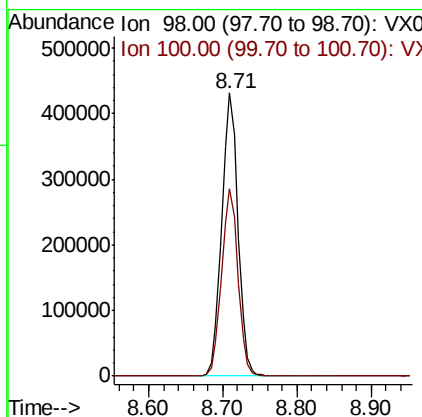
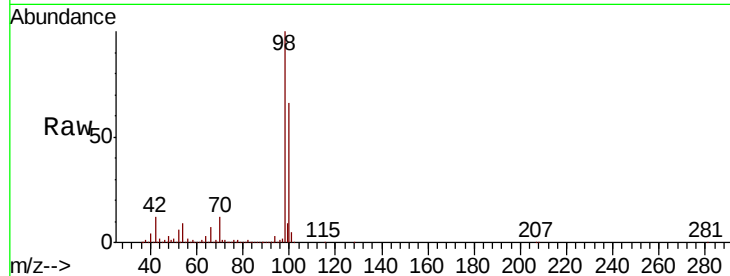




#50
Toluene-d8
Concen: 49.818 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011934.D
Acq: 31 Aug 2019 04:40

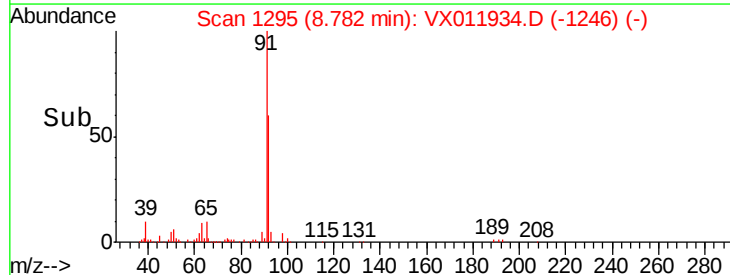
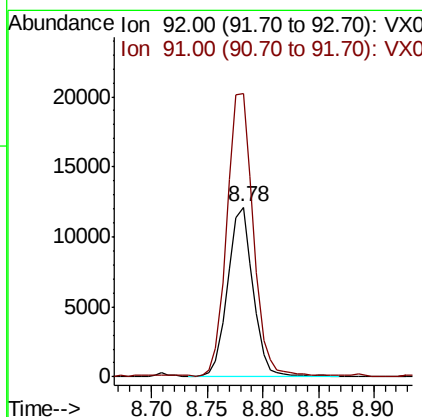
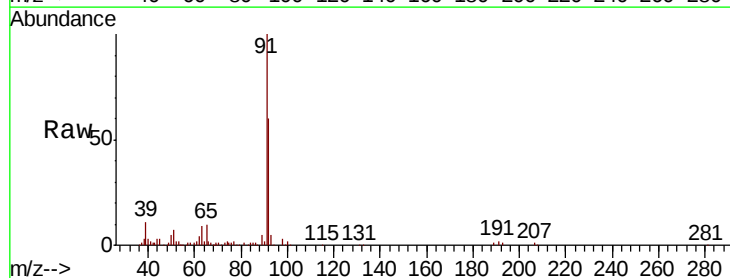
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-J-(0)

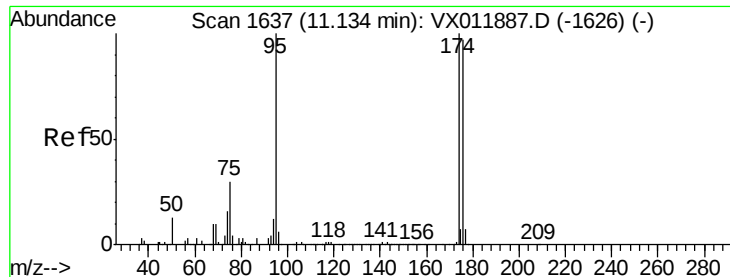
Tot Ion: 98 Resp: 657168
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#52
Toluene
Concen: 2.143 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX011934.D
Acq: 31 Aug 2019 04:40

Tgt Ion: 92 Resp: 19291
Ion Ratio Lower Upper
92 100
91 174.1 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 42.432 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011934.D

Acq: 31 Aug 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-J-(0)

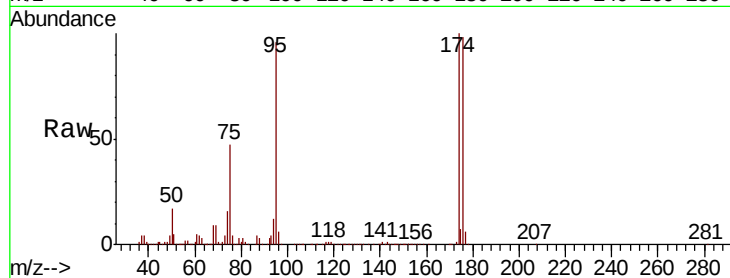
Tot Ion: 95 Resp: 245538

Ion Ratio Lower Upper

95 100

174 98.6 0.0 196.0

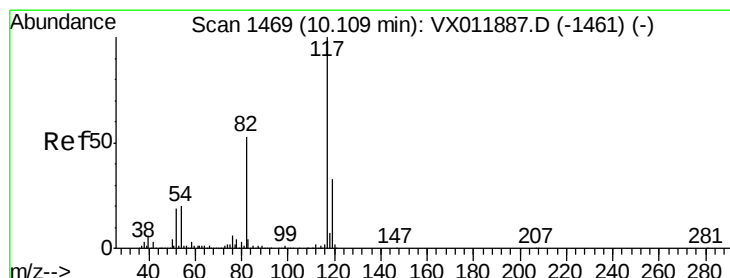
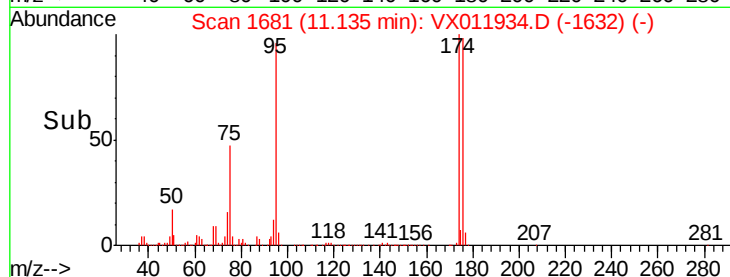
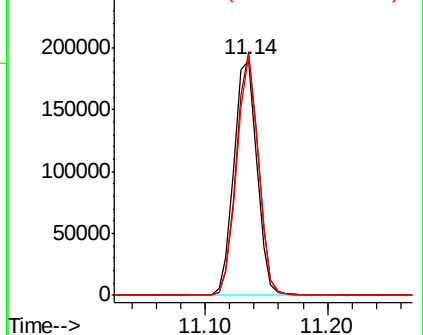
176 95.9 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011934.D

Acq: 31 Aug 2019 04:40

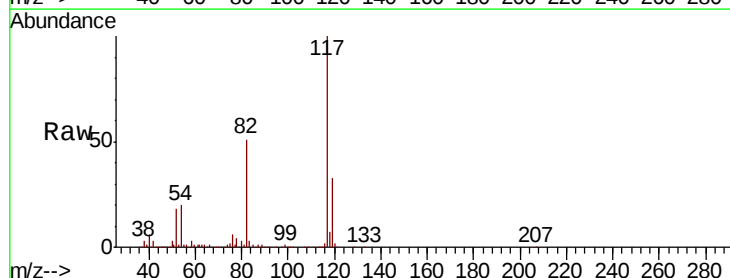
Tgt Ion: 117 Resp: 511694

Ion Ratio Lower Upper

117 100

82 51.3 42.0 63.0

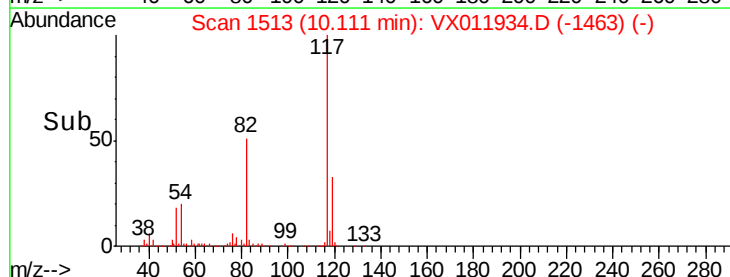
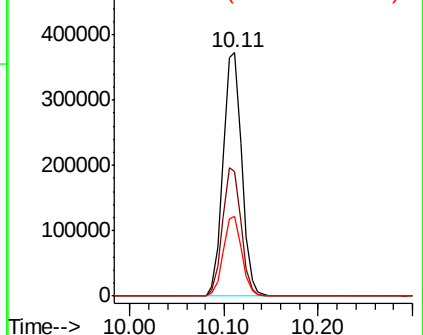
119 33.0 26.2 39.4

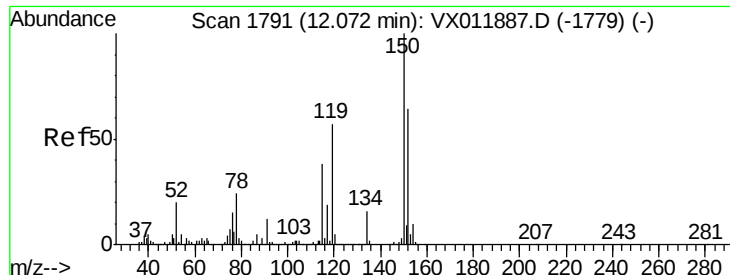


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011934.D

Acq: 31 Aug 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-J-(0)

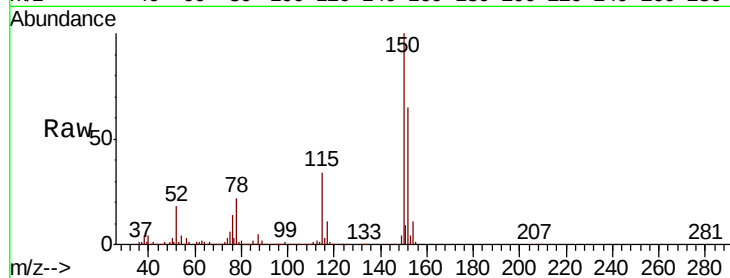
Tot Ion:152 Resp: 273283

Ion Ratio Lower Upper

152 100

115 53.1 37.1 111.3

150 154.5 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

