

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011932.D
 Acq On : 31 Aug 2019 03:44
 Operator : SY/SP
 Sample : K4493-05
 Misc : 5.34g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 31 05:10:02 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

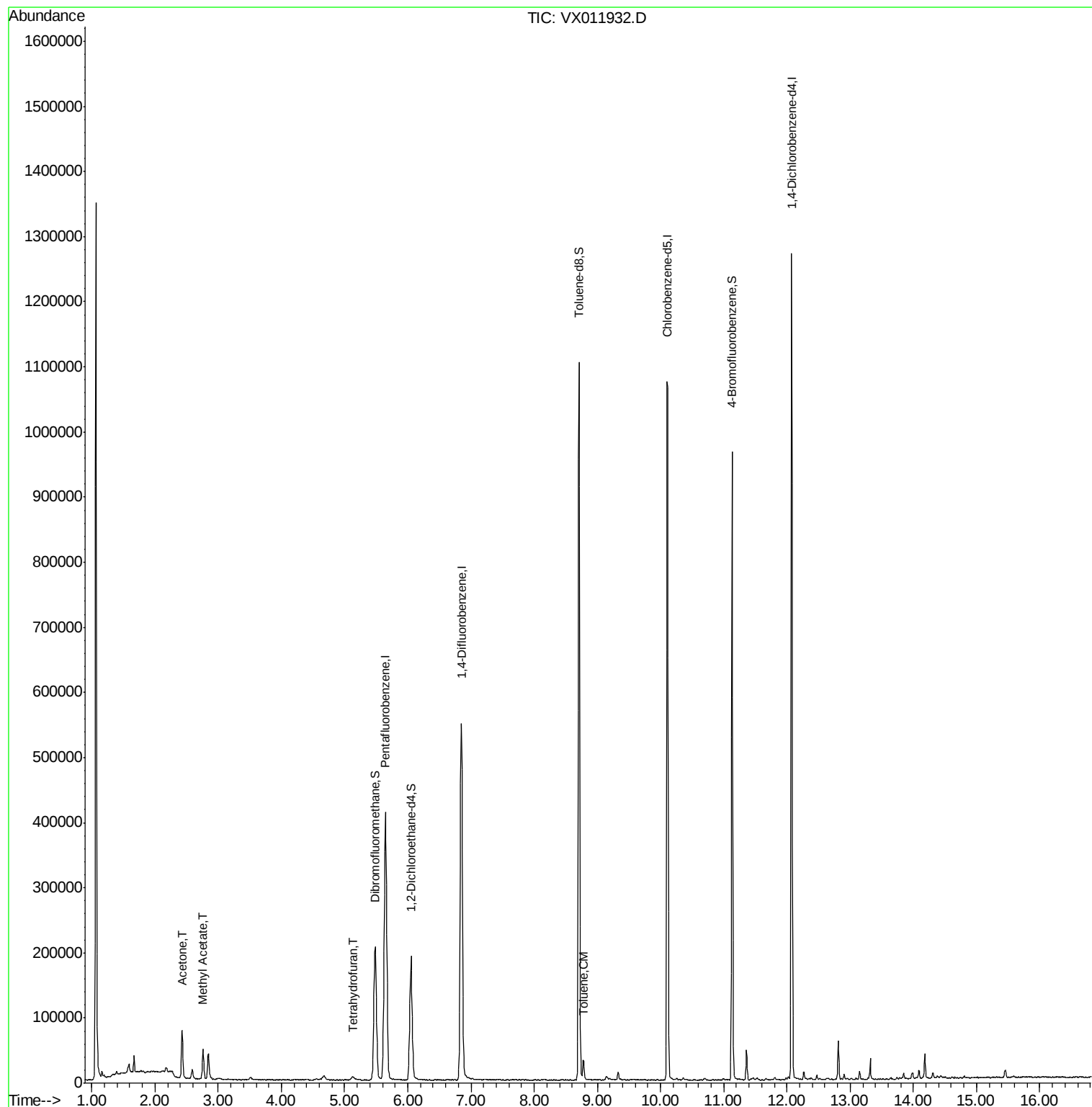
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	434722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	575836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	512942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	273494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	181984	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
35) Dibromofluoromethane	5.48	113	167184	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
50) Toluene-d8	8.71	98	653523	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	244037	42.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.30%	
Target Compounds						
16) Acetone	2.43	43	80972	90.356	ug/l	96
18) Methyl Acetate	2.76	43	53461	21.551	ug/l	97
29) Tetrahydrofuran	5.13	42	5012	6.152	ug/l #	84
52) Toluene	8.78	92	10562	1.172	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

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Acq: 31 Aug 2019 03:44

Instrument :

MSVOA_X

ClientSampleId :

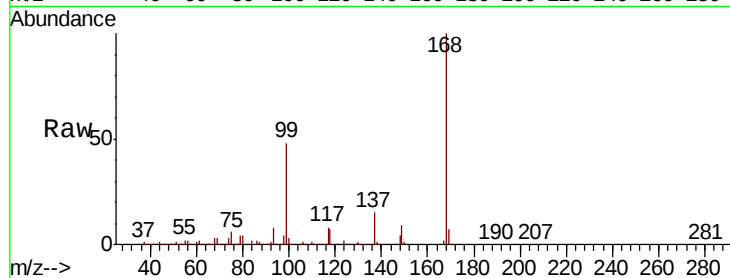
T9-12-13-I(0)

Tot Ion:168 Resp: 434722

Ion Ratio Lower Upper

168 100

99 48.0 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

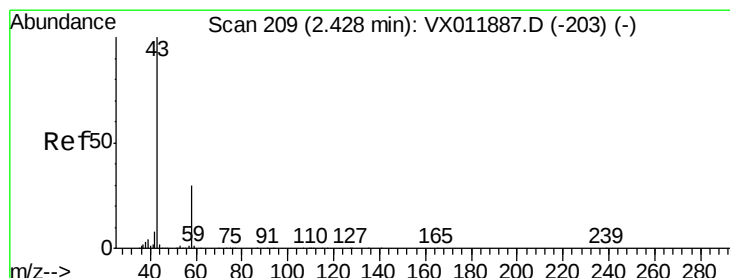
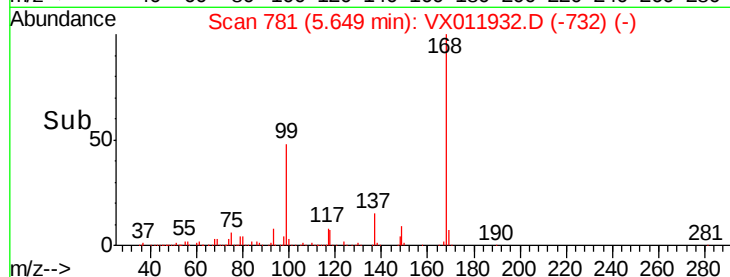
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 90.356 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011932.D

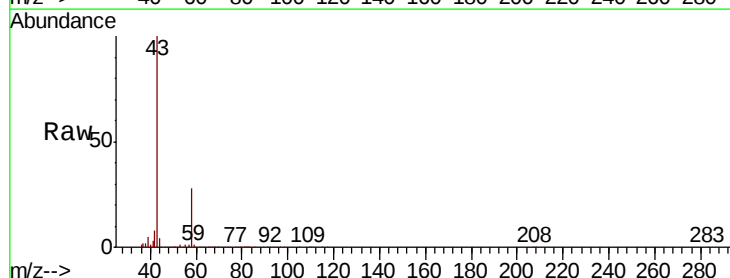
Acq: 31 Aug 2019 03:44

Tgt Ion: 43 Resp: 80972

Ion Ratio Lower Upper

43 100

58 27.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

50000

40000

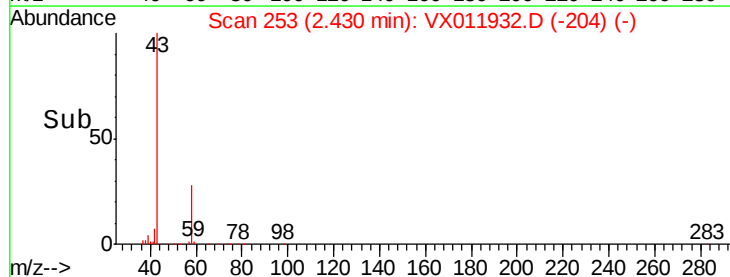
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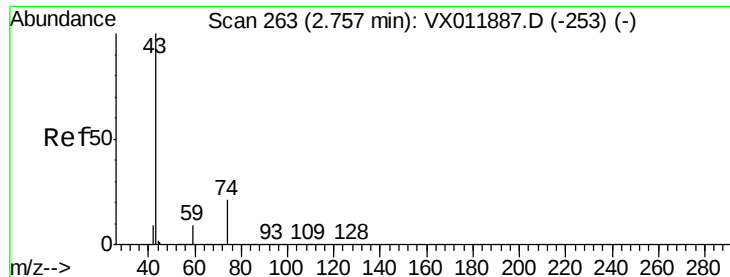
20000

10000

0

Time-->

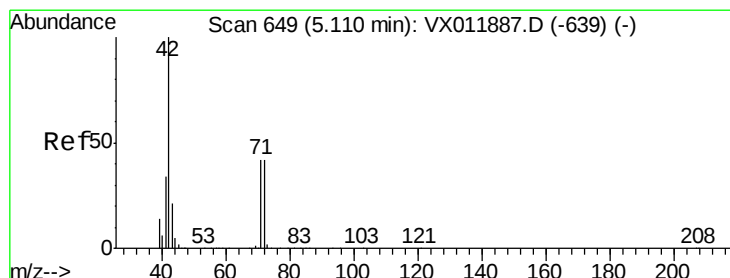
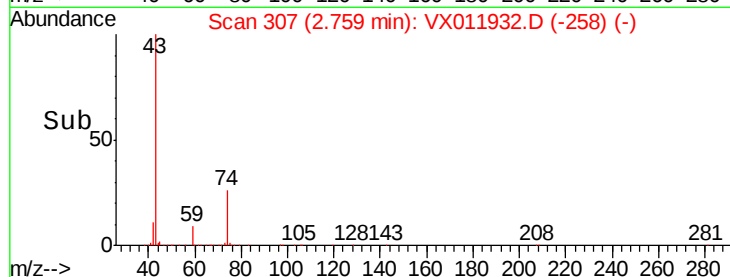
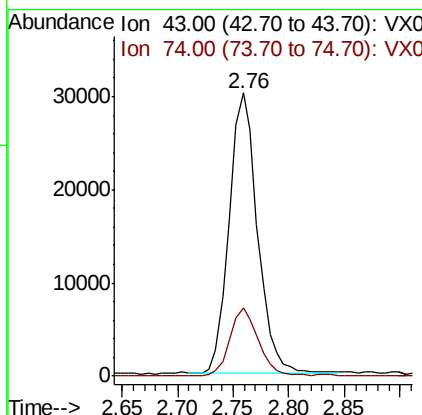
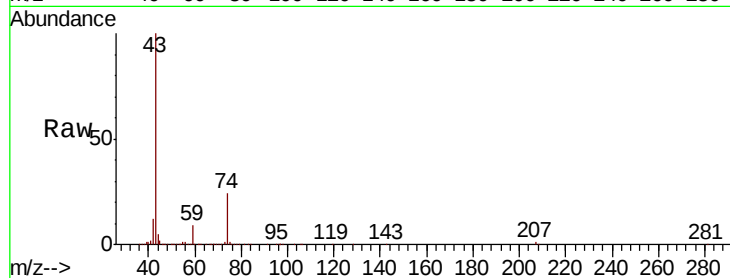




#18
Methvl Acetate
Concen: 21.551 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX011932.D
Acq: 31 Aug 2019 03:44

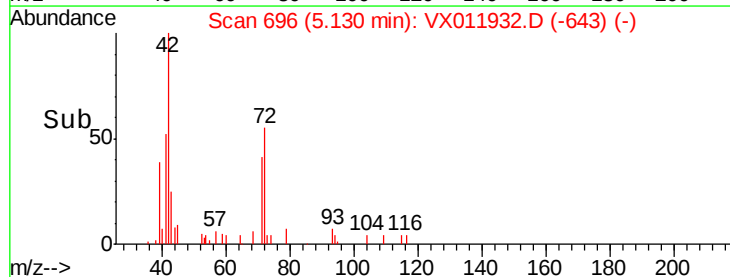
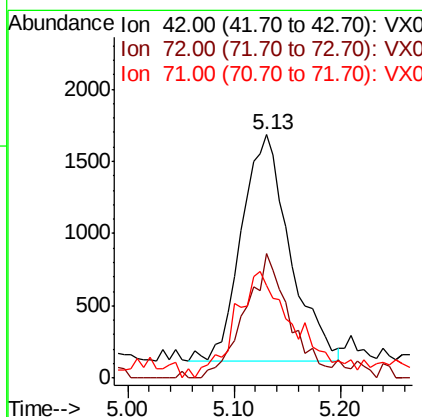
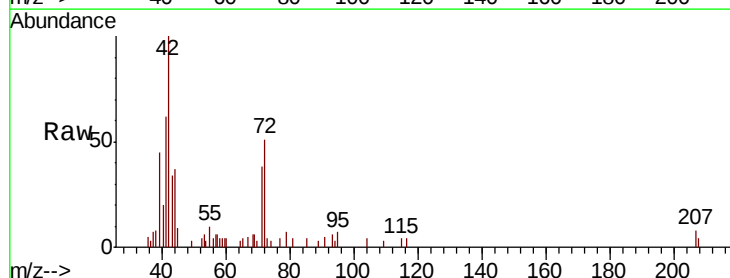
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-I(0)

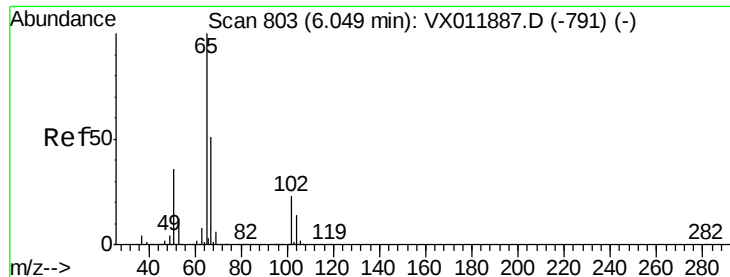
Tot Ion: 43 Resp: 53461
Ion Ratio Lower Upper
43 100
74 24.3 18.4 27.6



#29
Tetrahydrofuran
Concen: 6.152 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011932.D
Acq: 31 Aug 2019 03:44

Tgt Ion: 42 Resp: 5012
Ion Ratio Lower Upper
42 100
72 50.2 36.2 54.4
71 57.4 33.1 49.7#





#33

1,2-Dichloroethane-d4

Concen: 43.693 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011932.D

Acq: 31 Aug 2019 03:44

Instrument :

MSVOA_X

ClientSampleId :

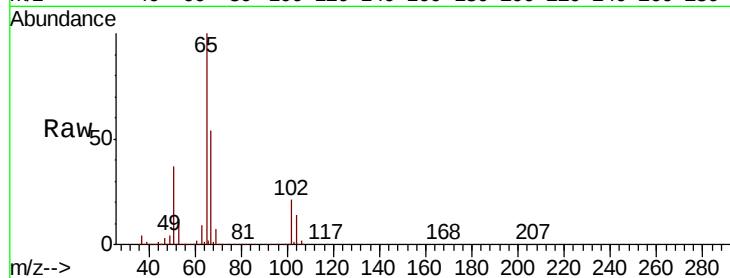
T9-12-13-I(0)

Tot Ion: 65 Resp: 181984

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

60000

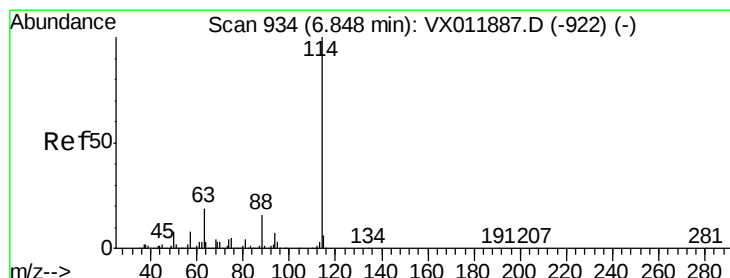
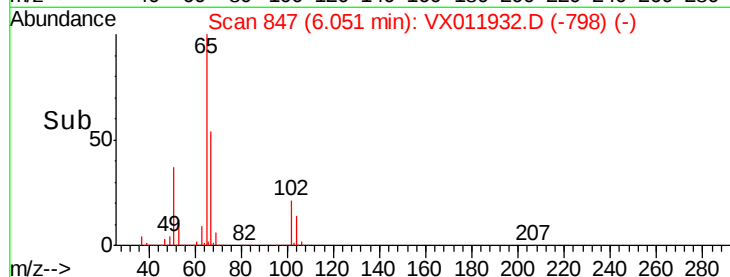
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011932.D

Acq: 31 Aug 2019 03:44

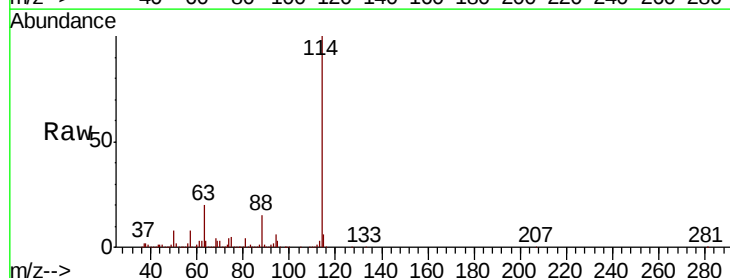
Tgt Ion: 114 Resp: 575836

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 15.1 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

300000

250000

200000

150000

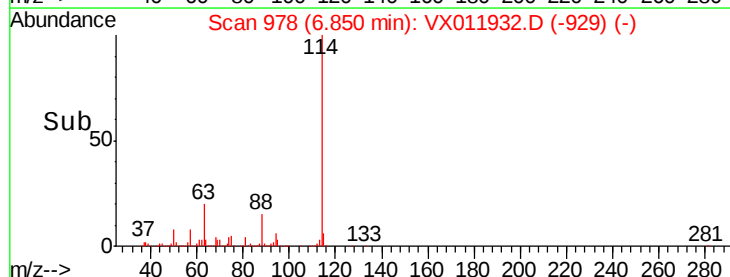
100000

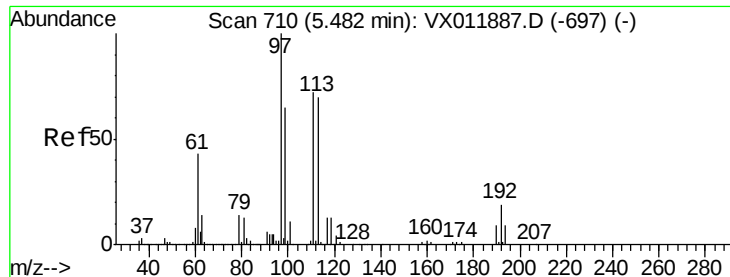
50000

0

Time-->

6.80 7.00





#35

Dibromofluoromethane

Concen: 45.277 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011932.D

Acq: 31 Aug 2019 03:44

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

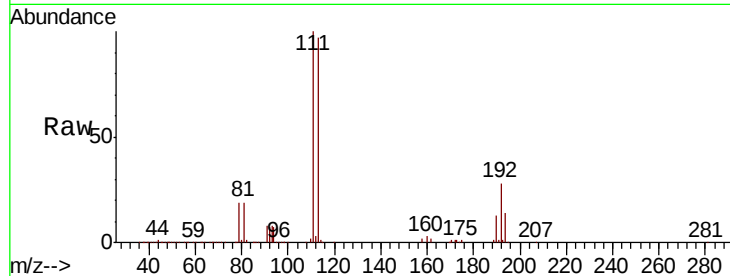
Tot Ion:113 Resp: 167184

Ion Ratio Lower Upper

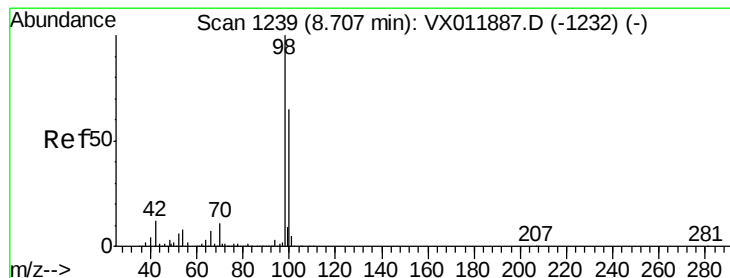
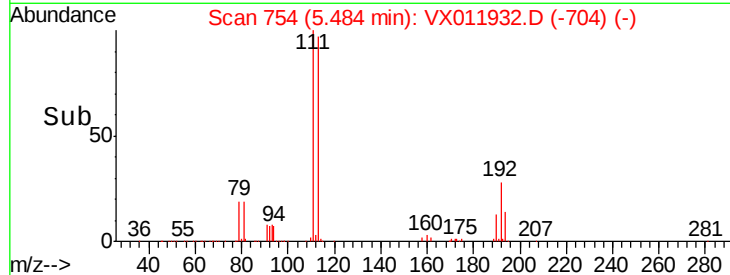
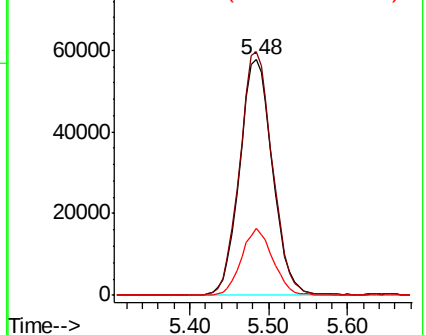
113 100

111 103.0 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: 49.511 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011932.D

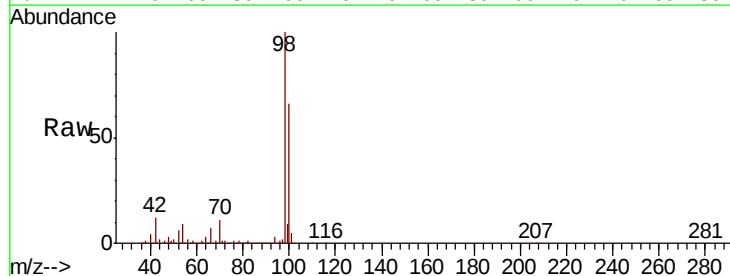
Acq: 31 Aug 2019 03:44

Tgt Ion: 98 Resp: 653523

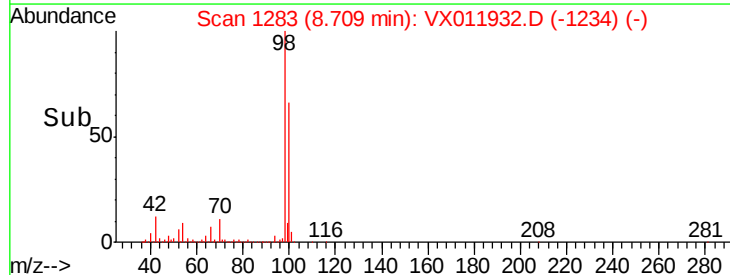
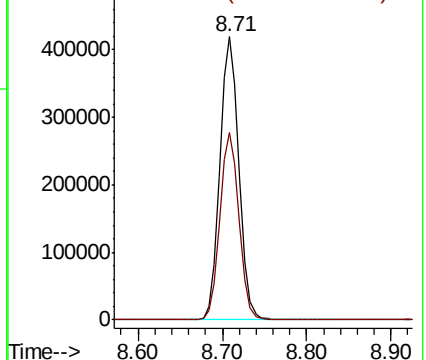
Ion Ratio Lower Upper

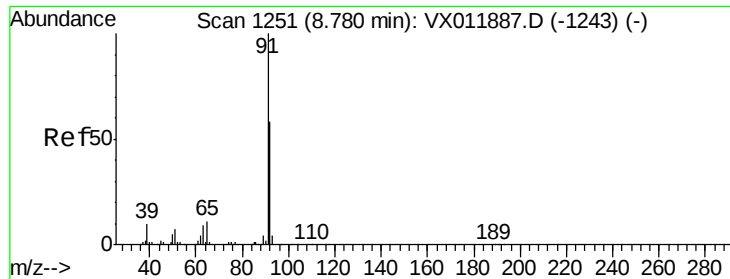
98 100

100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.172 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX011932.D

Acq: 31 Aug 2019 03:44

Instrument :

MSVOA_X

ClientSampleId :

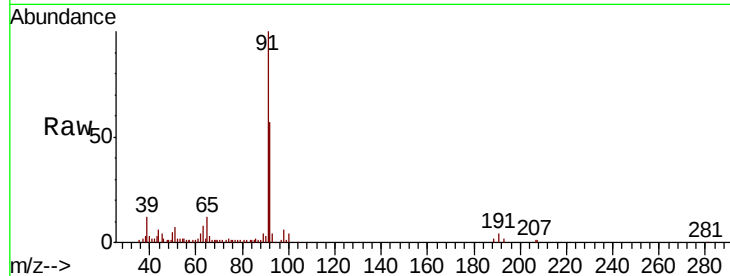
T9-12-13-I-(0)

Tot Ion: 92 Resp: 10562

Ion Ratio Lower Upper

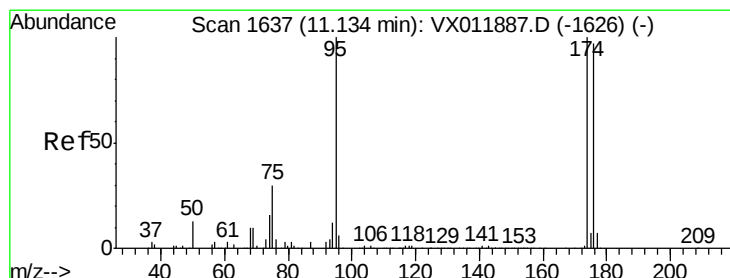
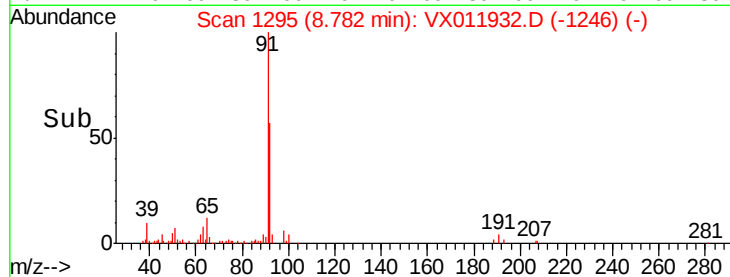
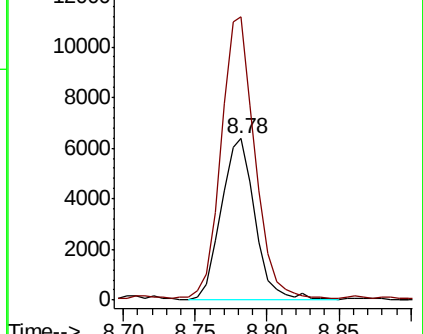
92 100

91 171.7 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.147 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011932.D

Acq: 31 Aug 2019 03:44

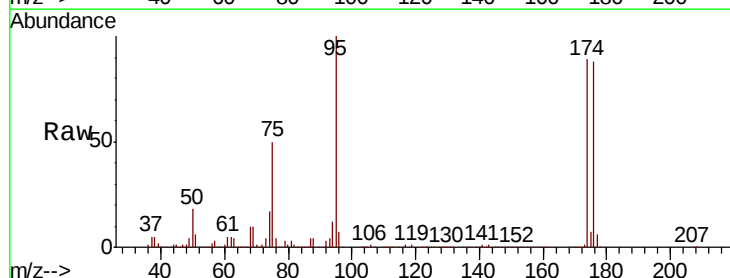
Tgt Ion: 95 Resp: 244037

Ion Ratio Lower Upper

95 100

174 98.8 0.0 196.0

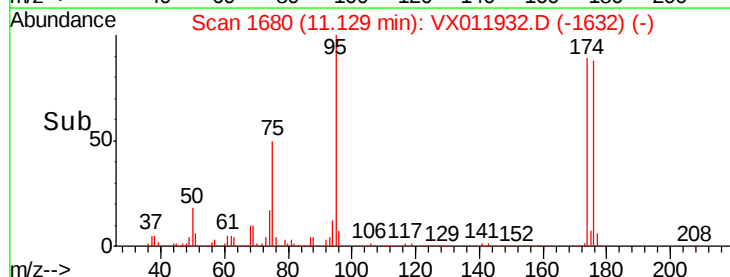
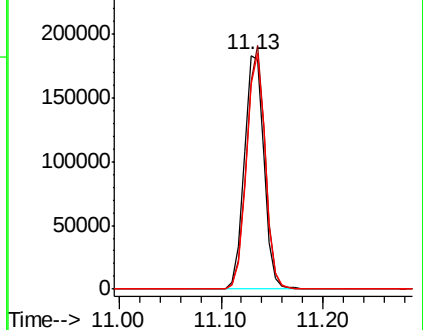
176 96.8 0.0 191.4

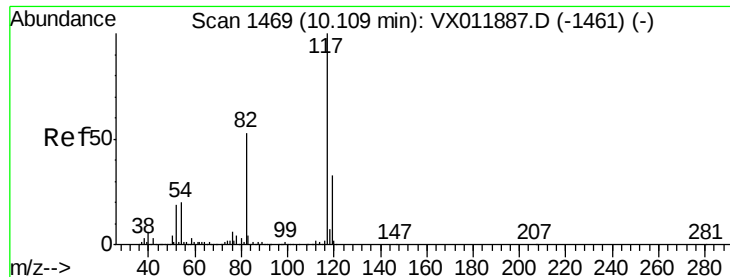


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

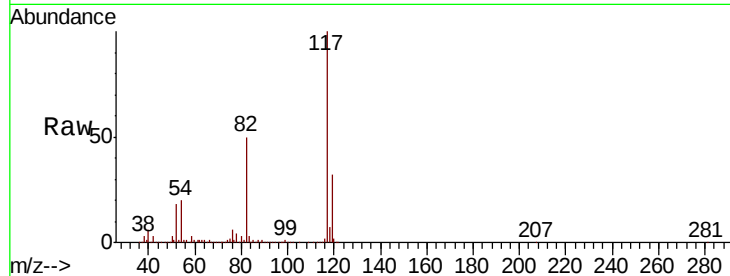




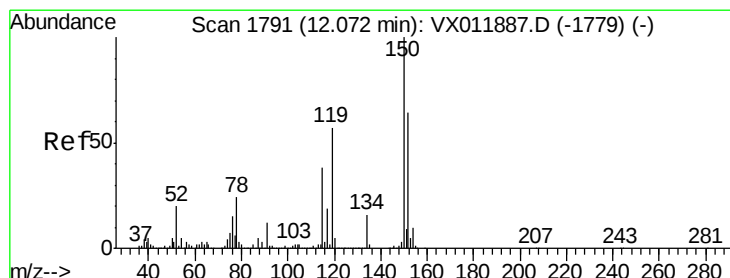
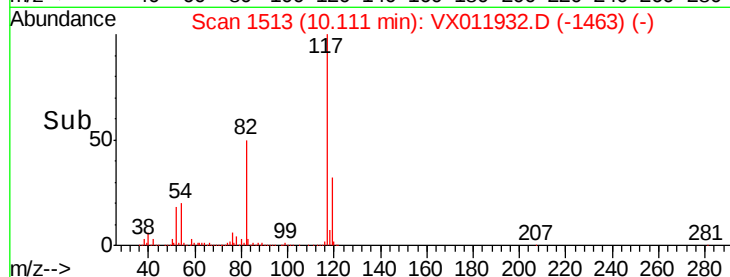
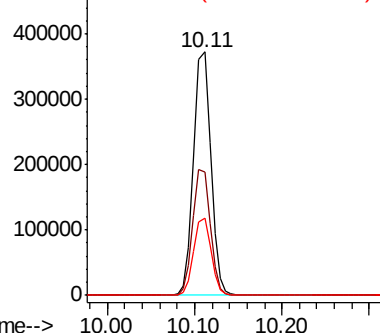
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011932.D
Acq: 31 Aug 2019 03:44

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

Tot Ion:117 Resp: 512942
Ion Ratio Lower Upper
117 100
82 50.4 42.0 63.0
119 31.9 26.2 39.4

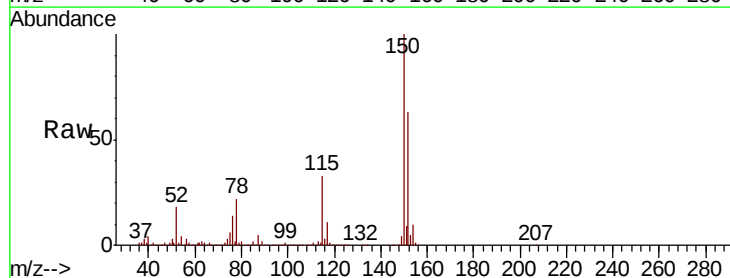


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011932.D
Acq: 31 Aug 2019 03:44

Tgt Ion:152 Resp: 273494
Ion Ratio Lower Upper
152 100
115 53.0 37.1 111.3
150 155.6 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

