

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX012004.D
 Acq On : 01 Sep 2019 20:47
 Operator : SY/SP
 Sample : K4529-07
 Misc : 2.61g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T4-(1.9)

Quant Time: Sep 02 05:24:36 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

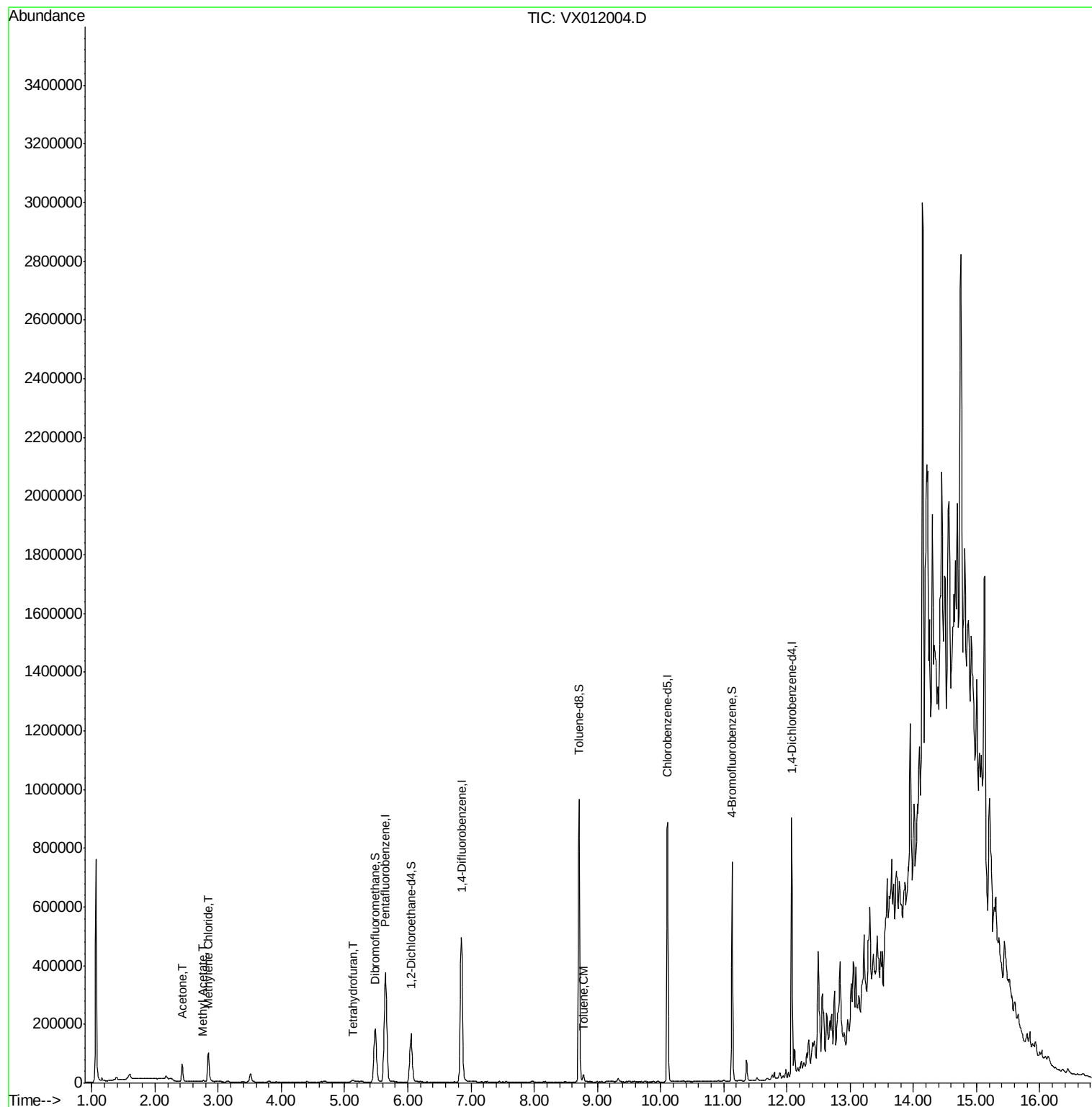
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	403413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	519755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	177602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	161570	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
35) Dibromofluoromethane	5.48	113	149211	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	
50) Toluene-d8	8.71	98	567897	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	182756	34.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.94%	
Target Compounds						
16) Acetone	2.43	43	61476	73.924	ug/l	99
18) Methyl Acetate	2.76	43	5601	2.433	ug/l	91
20) Methylene Chloride	2.84	84	48945	9.850	ug/l	93
29) Tetrahydrofuran	5.13	42	5759	7.618	ug/l #	81
52) Toluene	8.78	92	8294	1.020	ug/l	95

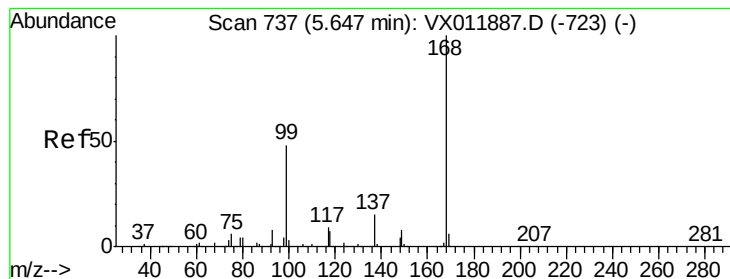
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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T9-12-13-T4-(1.9)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
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: VX012004.D

Acq: 01 Sep 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

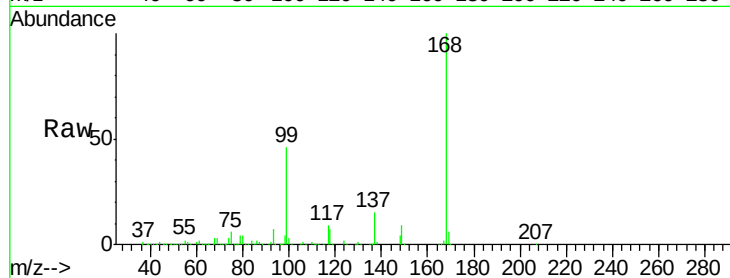
T9-12-13-T4-(1.9)

Tot Ion:168 Resp: 403413

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

150000

100000

50000

0

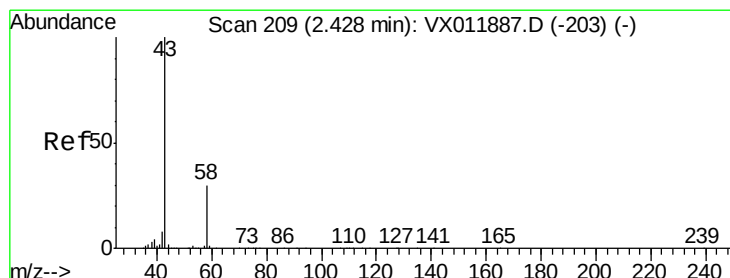
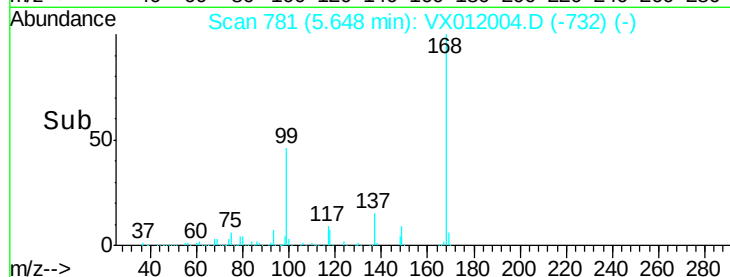
5.65

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 73.924 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012004.D

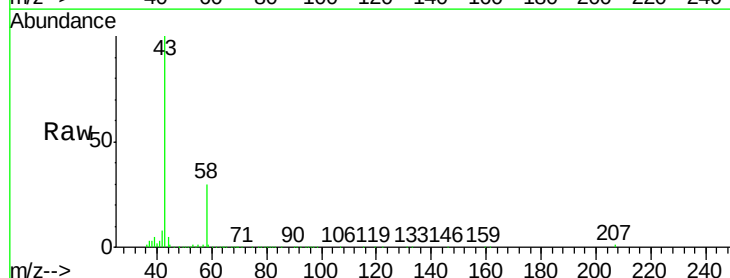
Acq: 01 Sep 2019 20:47

Tgt Ion: 43 Resp: 61476

Ion Ratio Lower Upper

43 100

58 29.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

40000

30000

20000

10000

0

2.43

2.35

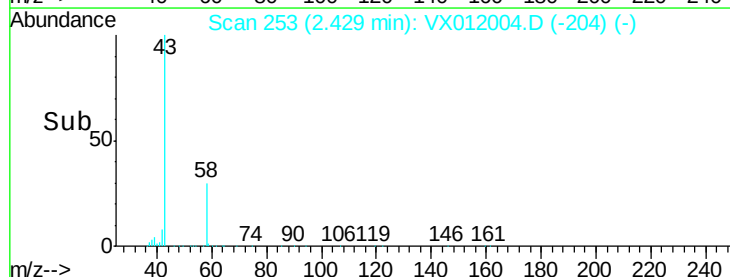
2.40

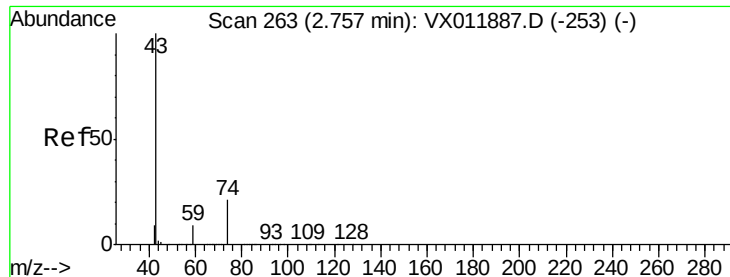
2.45

2.50

2.55

Time-->

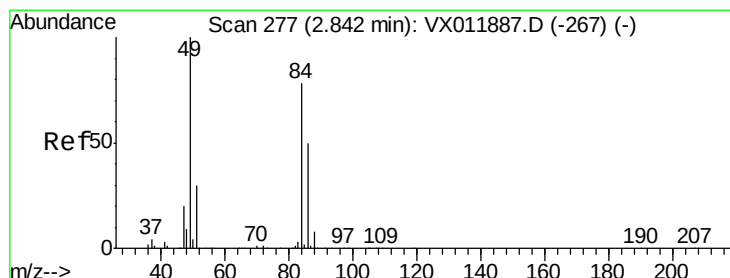
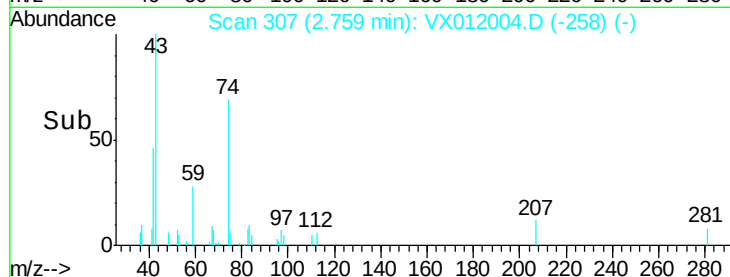
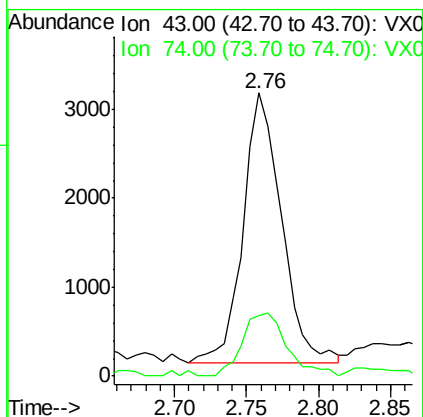
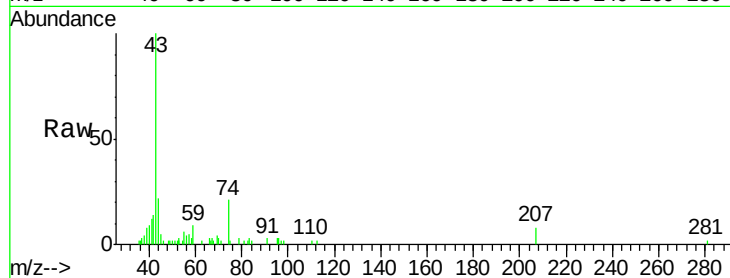




#18
Methvl Acetate
Concen: 2.433 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012004.D
Acq: 01 Sep 2019 20:47

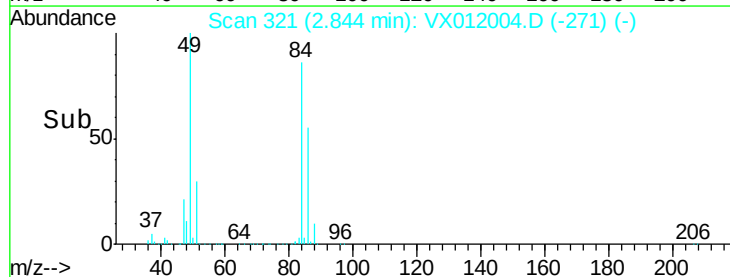
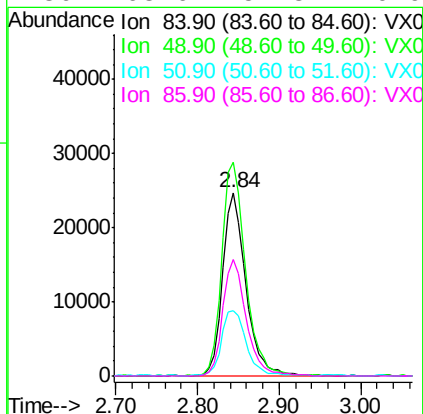
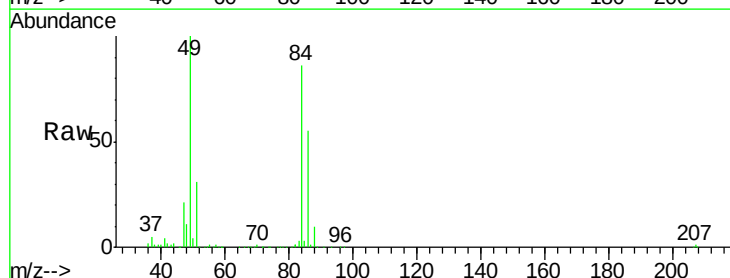
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

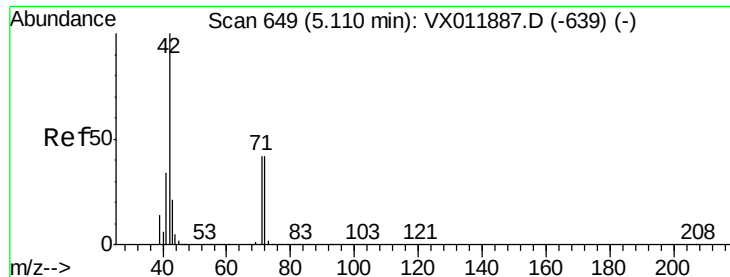
Tot Ion: 43 Resp: 5601
Ion Ratio Lower Upper
43 100
74 27.2 18.4 27.6



#20
Methylene Chloride
Concen: 9.850 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012004.D
Acq: 01 Sep 2019 20:47

Tgt Ion: 84 Resp: 48945
Ion Ratio Lower Upper
84 100
49 115.9 103.0 154.4
51 35.5 30.8 46.2
86 63.6 51.3 76.9

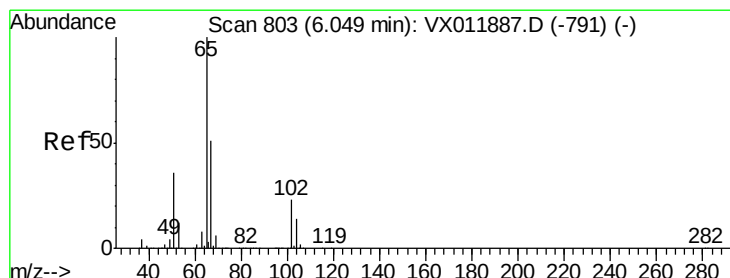
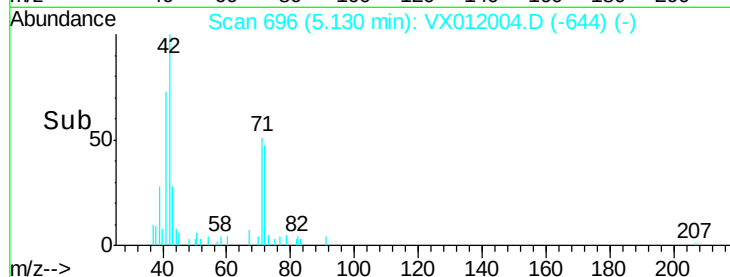
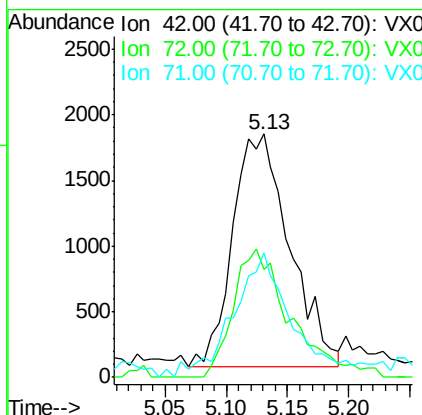
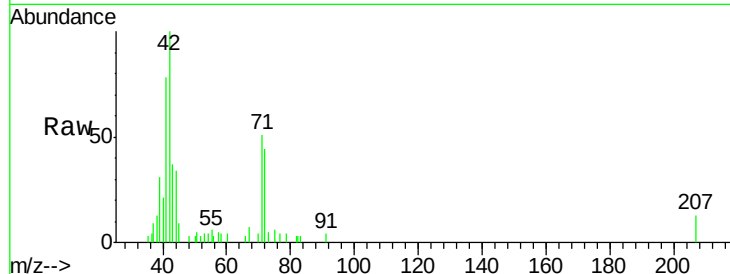




#29
Tetrahydrofuran
Concen: 7.618 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012004.D
Acq: 01 Sep 2019 20:47

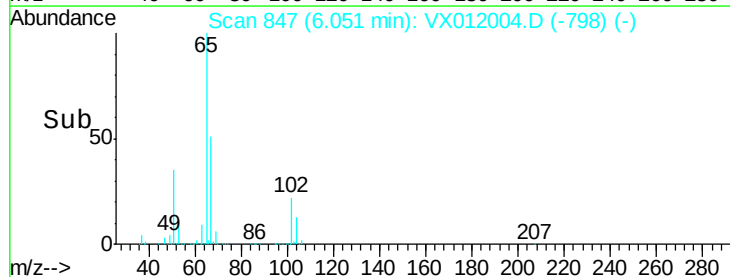
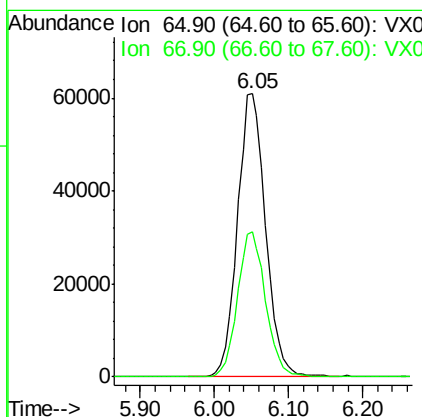
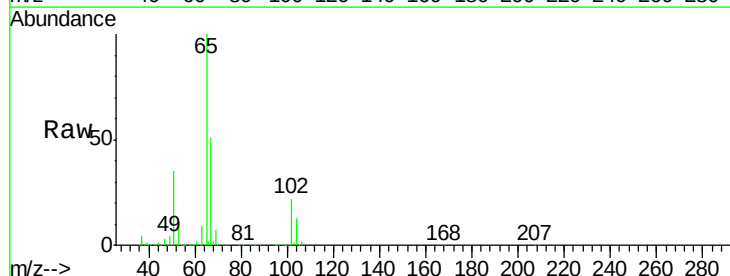
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

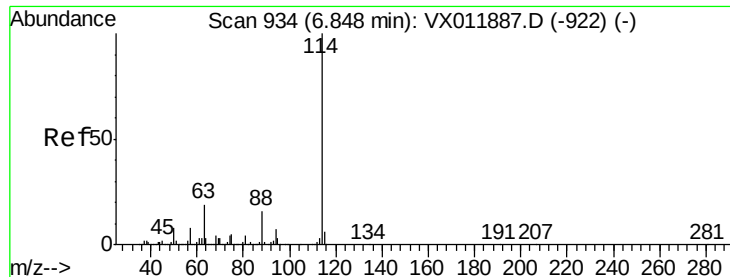
Tot Ion: 42 Resp: 5759
Ion Ratio Lower Upper
42 100
72 55.6 36.2 54.4#
71 56.2 33.1 49.7#



#33
1,2-Dichloroethane-d4
Concen: 41.802 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012004.D
Acq: 01 Sep 2019 20:47

Tgt Ion: 65 Resp: 161570
Ion Ratio Lower Upper
65 100
67 50.5 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: VX012004.D

Acq: 01 Sep 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-T4-(1.9)

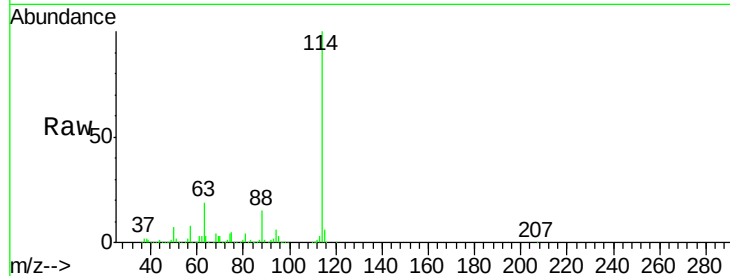
Tot Ion:114 Resp: 519755

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

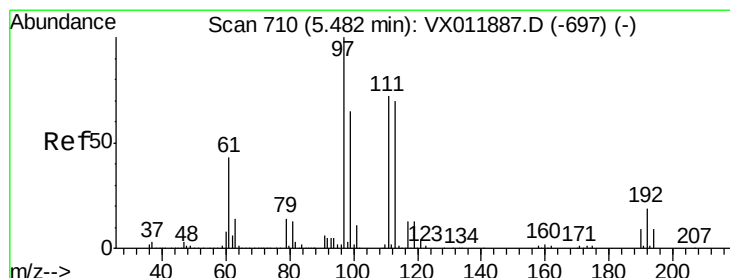
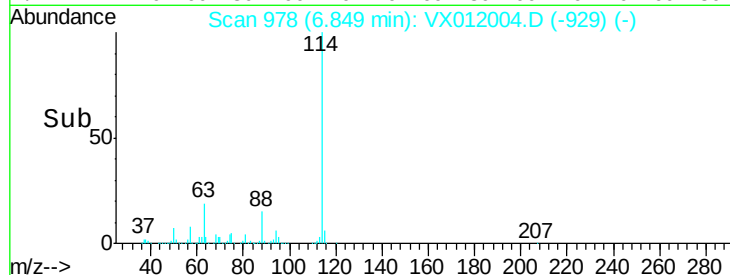
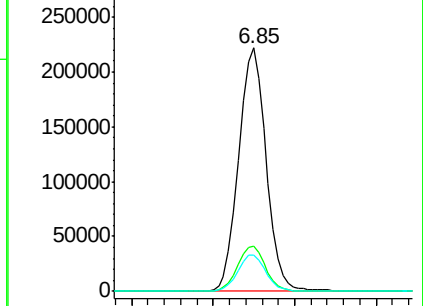
88 15.1 0.0 31.2



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



#35

Dibromofluoromethane

Concen: 44.769 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012004.D

Acq: 01 Sep 2019 20:47

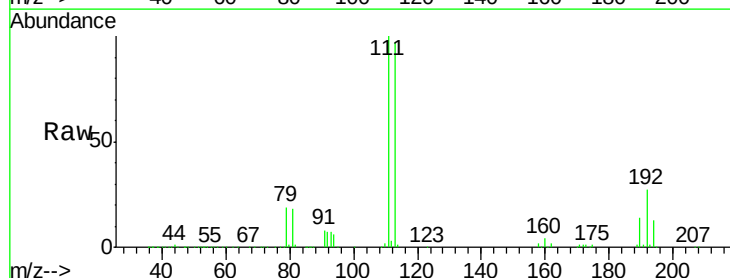
Tgt Ion:113 Resp: 149211

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

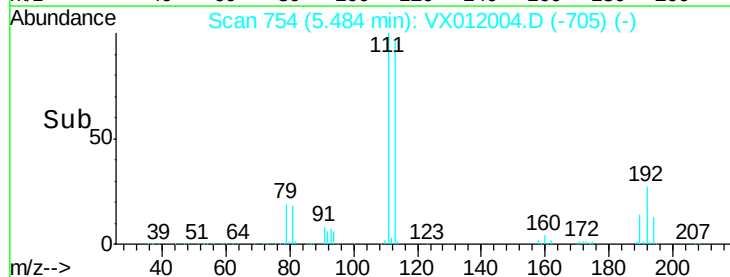
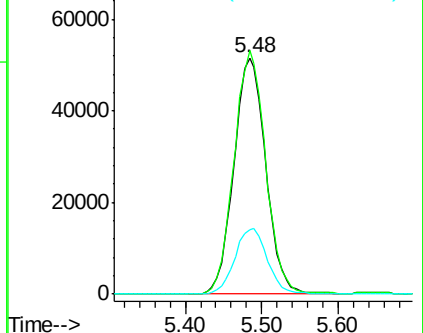
192 28.3 21.5 32.3

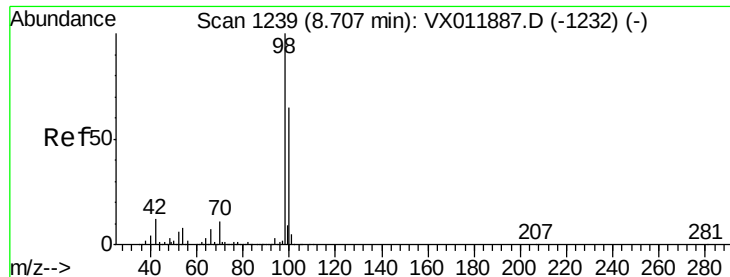


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

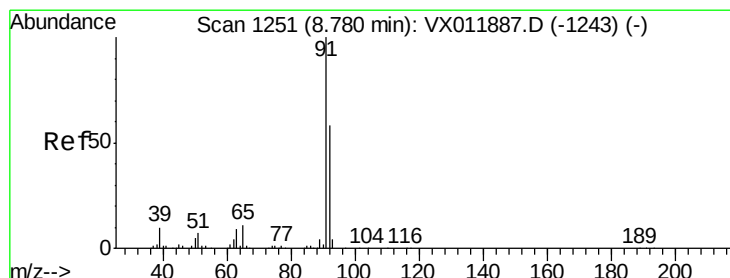
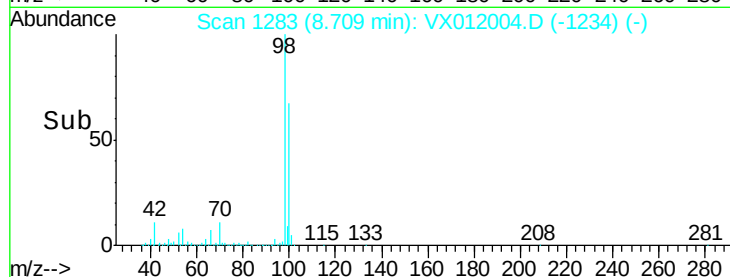
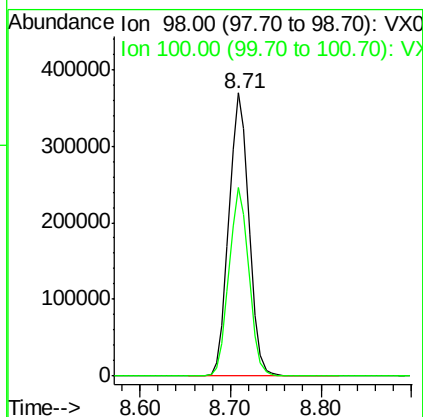
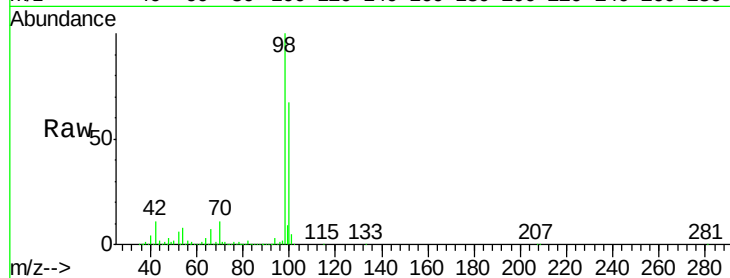




#50
Toluene-d8
Concen: 47.666 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012004.D
Acq: 01 Sep 2019 20:47

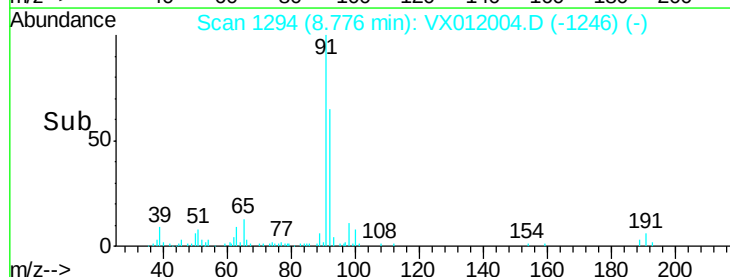
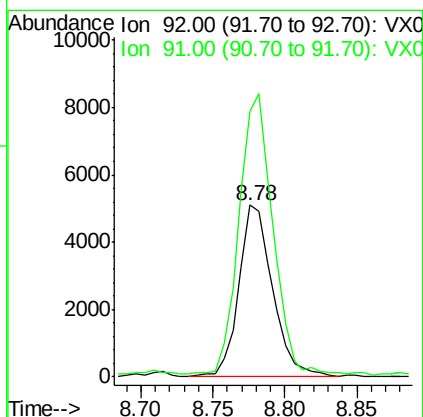
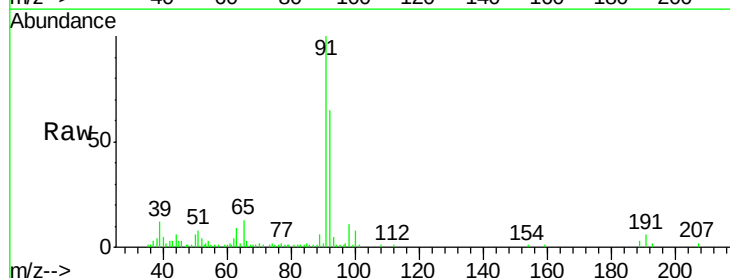
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

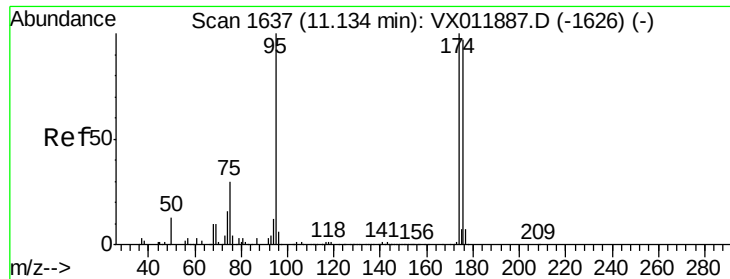
Tot Ion: 98 Resp: 567897
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#52
Toluene
Concen: 1.020 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012004.D
Acq: 01 Sep 2019 20:47

Tgt Ion: 92 Resp: 8294
Ion Ratio Lower Upper
92 100
91 163.7 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 34.969 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012004.D

Acq: 01 Sep 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-T4-(1.9)

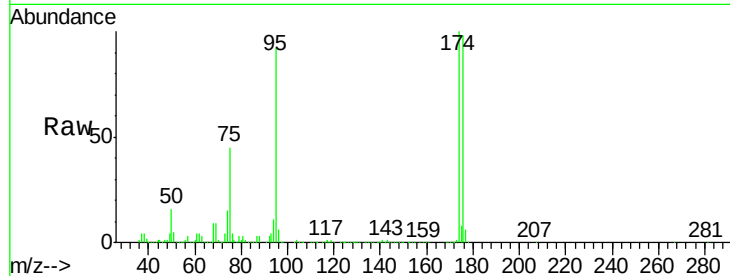
Tot Ion: 95 Resp: 182756

Ion Ratio Lower Upper

95 100

174 104.0 0.0 196.0

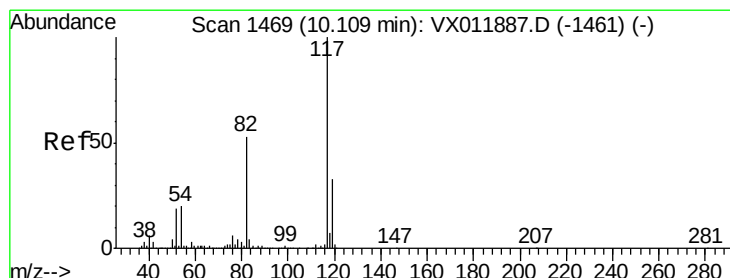
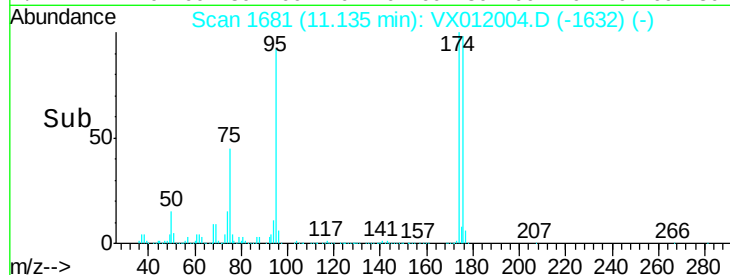
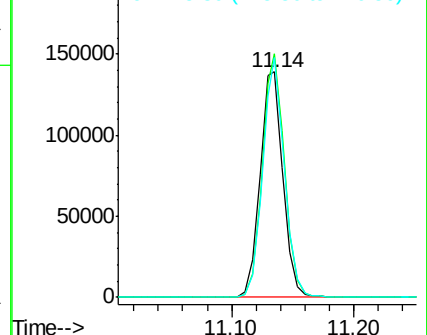
176 100.3 0.0 191.4



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: VX012004.D

Acq: 01 Sep 2019 20:47

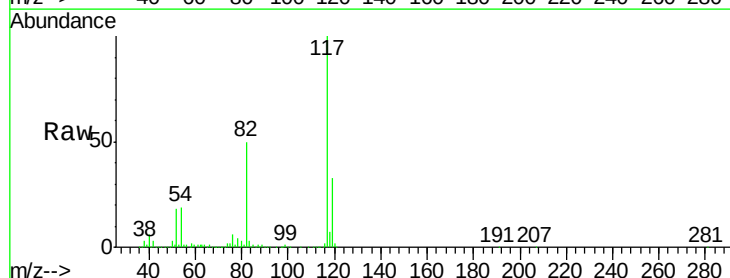
Tgt Ion: 117 Resp: 426442

Ion Ratio Lower Upper

117 100

82 50.4 42.0 63.0

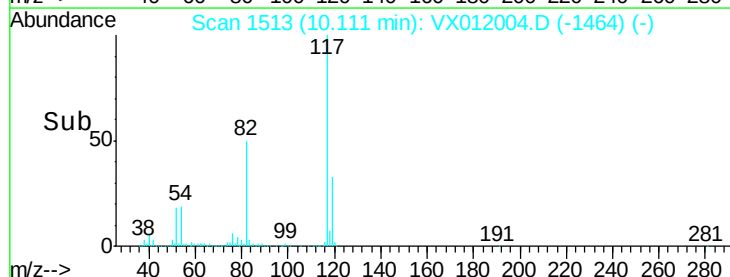
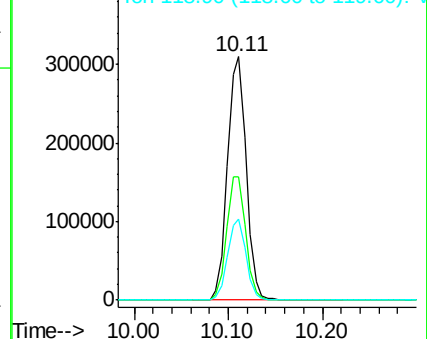
119 33.0 26.2 39.4

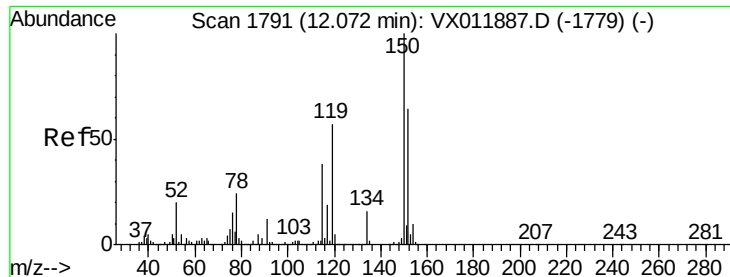


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012004.D

Acq: 01 Sep 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-T4-(1.9)

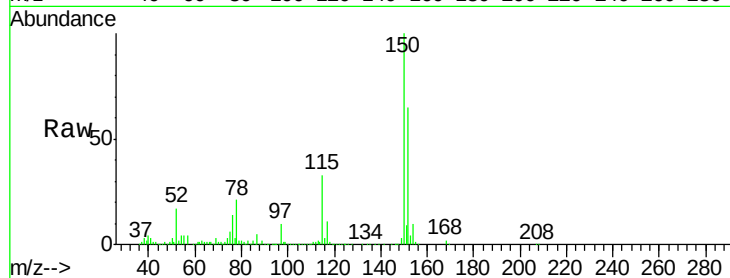
Tot Ion:152 Resp: 177602

Ion Ratio Lower Upper

152 100

115 51.9 37.1 111.3

150 154.2 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

