

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011969.D
 Acq On : 01 Sep 2019 00:44
 Operator : SY/SP
 Sample : K4526-11
 Misc : 5.45g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F2-(1.9)

Quant Time: Sep 01 03:59:06 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

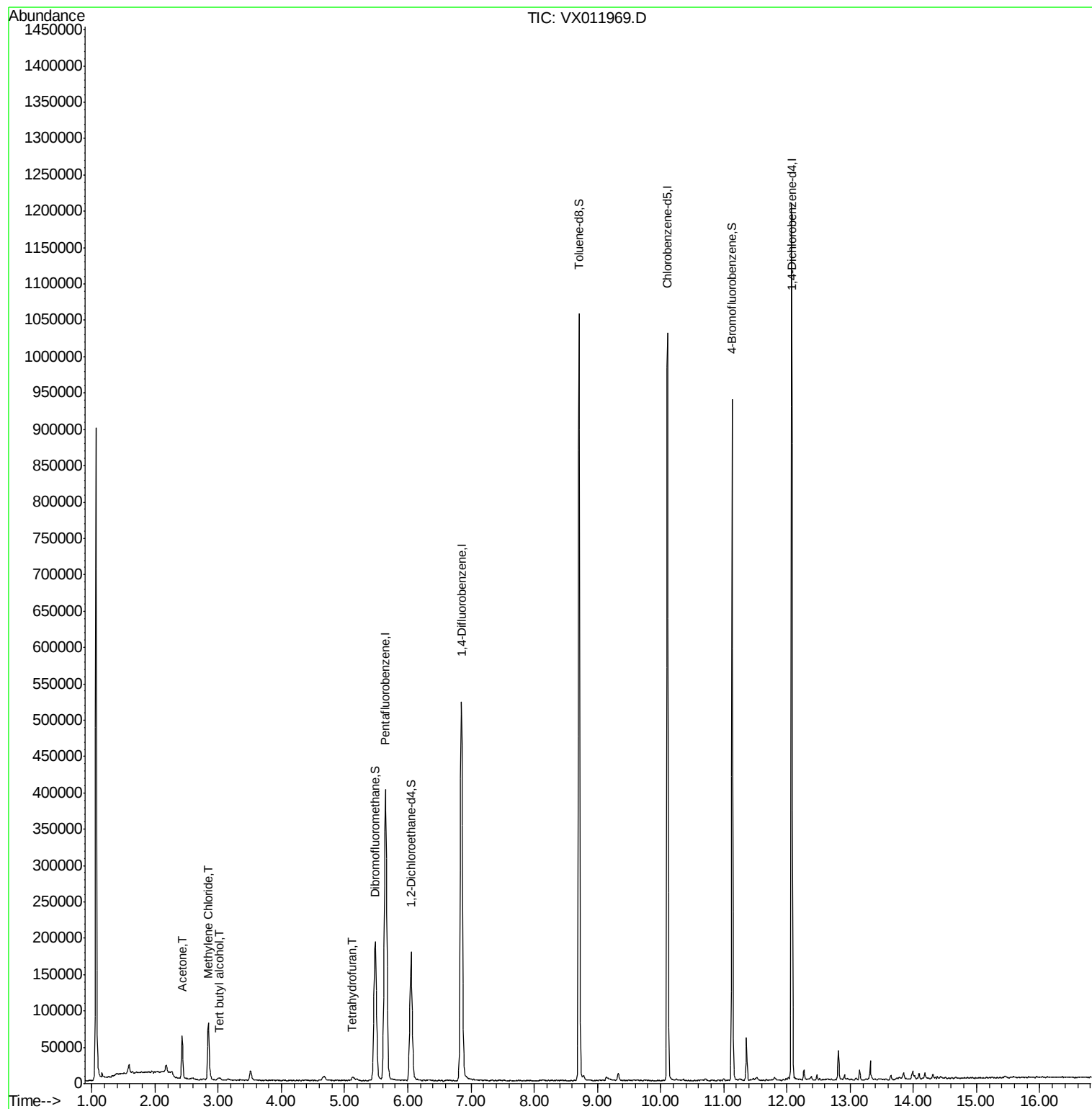
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	431304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	544444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	478413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	254839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	169464	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.02%	
35) Dibromofluoromethane	5.48	113	157228	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	8.71	98	609496	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	228359	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.02	59	3578	9.000	ug/l	96
16) Acetone	2.43	43	62568	70.372	ug/l	99
20) Methylene Chloride	2.84	84	37831	5.613	ug/l	95
29) Tetrahydrofuran	5.12	42	4718	5.837	ug/l #	89

(#) = 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

Lab File: VX011969.D

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Instrument :

MSVOA_X

ClientSampleId :

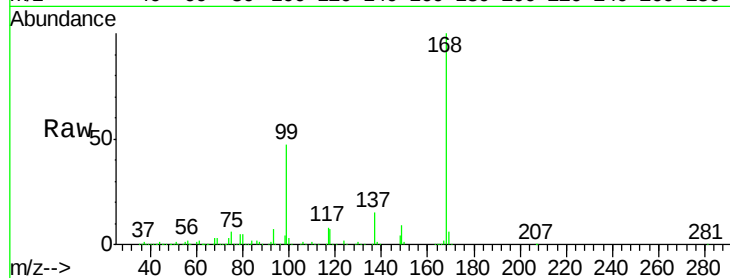
T9-12-13-F2-(1.9)

Tot Ion:168 Resp: 431304

Ion Ratio Lower Upper

168 100

99 47.1 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

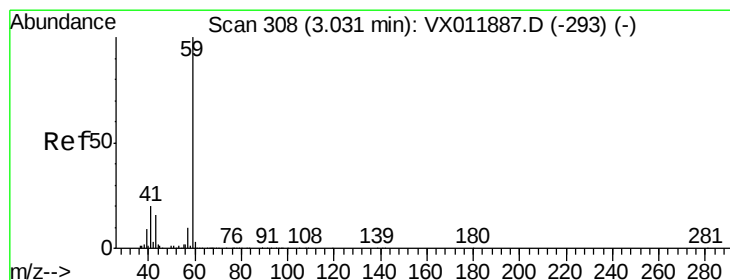
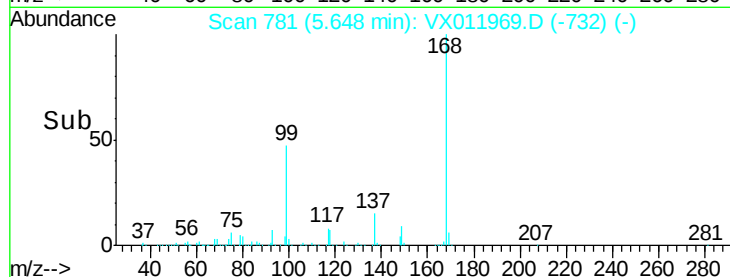
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 9.000 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX011969.D

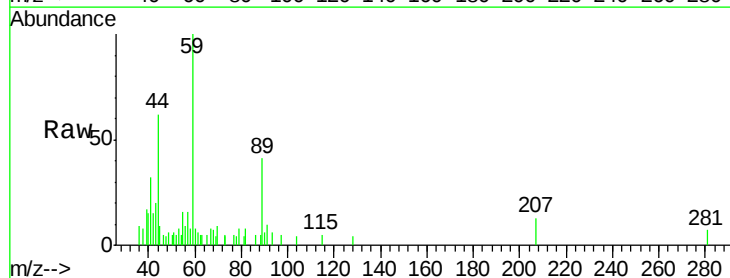
Acq: 01 Sep 2019 00:44

Tgt Ion: 59 Resp: 3578

Ion Ratio Lower Upper

59 100

57 9.2 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500

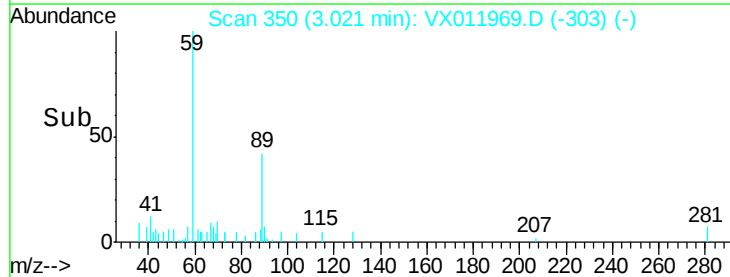
1000

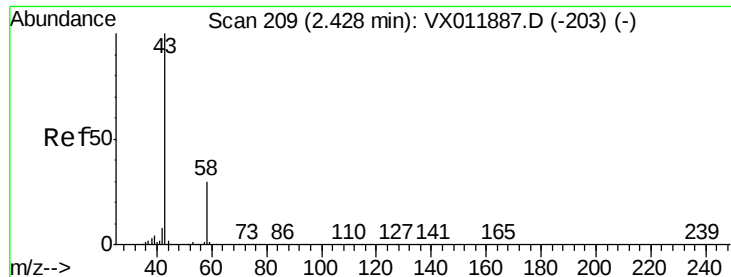
500

0

2.95 3.00 3.05 3.10

Time-->





#16

Acetone

Concen: 70.372 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011969.D

Acq: 01 Sep 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

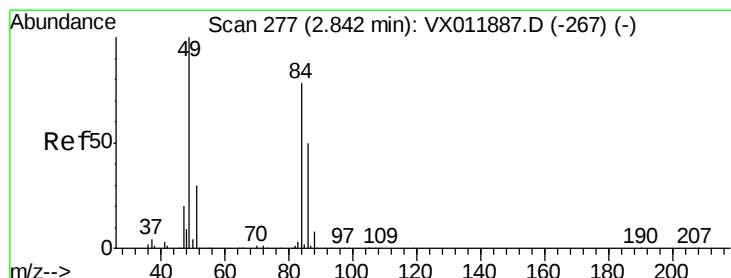
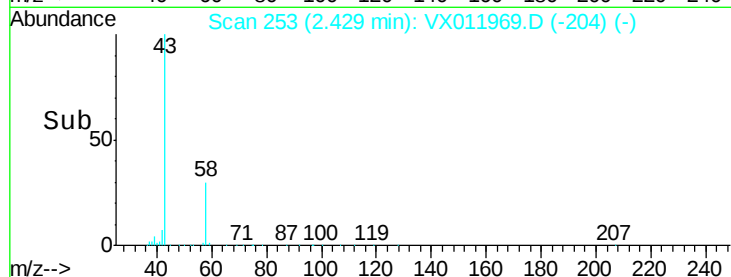
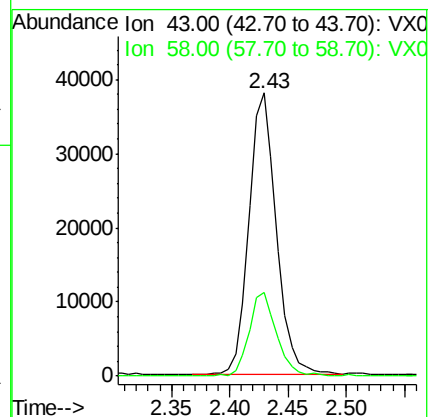
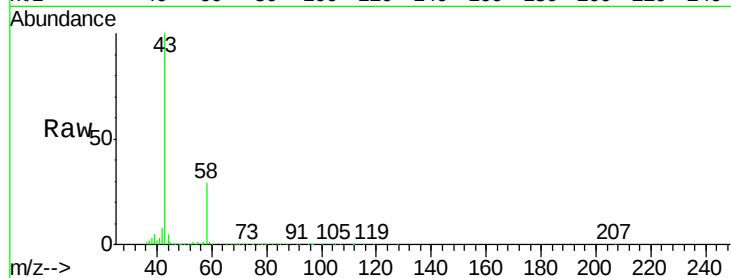
T9-12-13-F2-(1.9)

Tot Ion: 43 Resp: 62568

Ion Ratio Lower Upper

43 100

58 29.5 23.8 35.8



#20

Methylene Chloride

Concen: 5.613 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX011969.D

Acq: 01 Sep 2019 00:44

Tgt Ion: 84 Resp: 37831

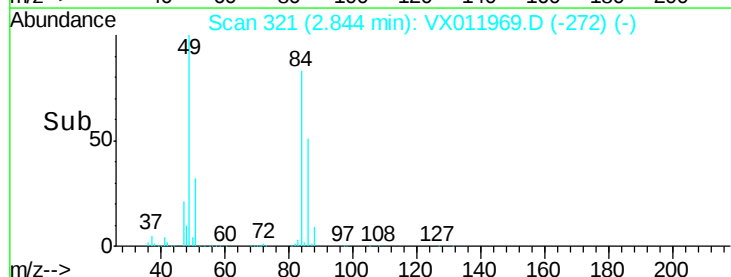
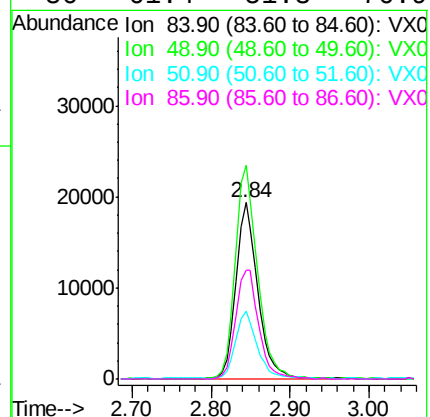
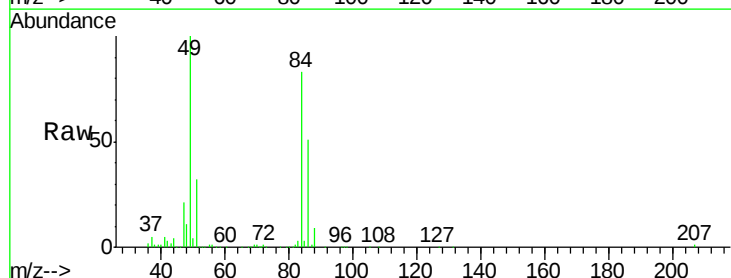
Ion Ratio Lower Upper

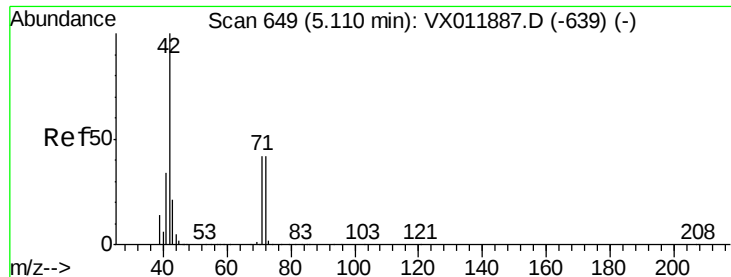
84 100

49 120.6 103.0 154.4

51 38.2 30.8 46.2

86 61.4 51.3 76.9

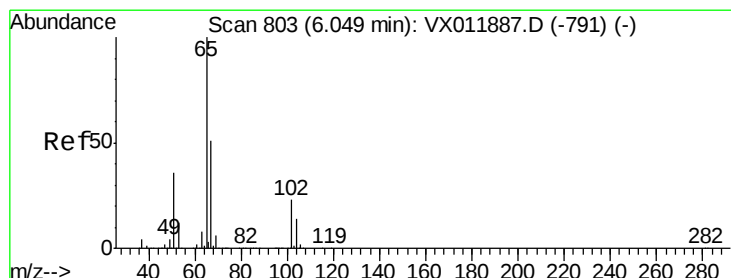
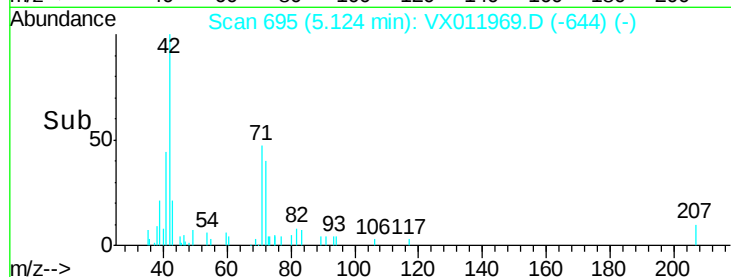
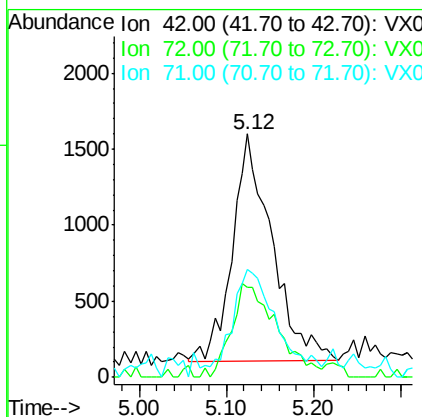
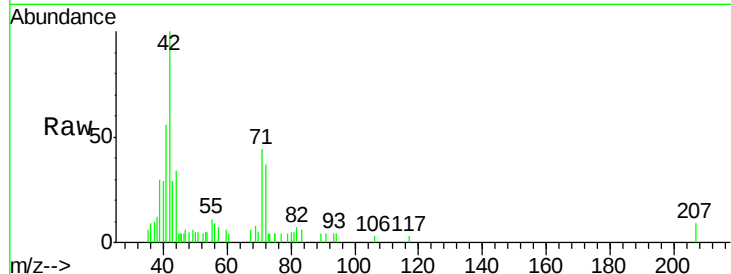




#29
Tetrahydrofuran
Concen: 5.837 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011969.D
Acq: 01 Sep 2019 00:44

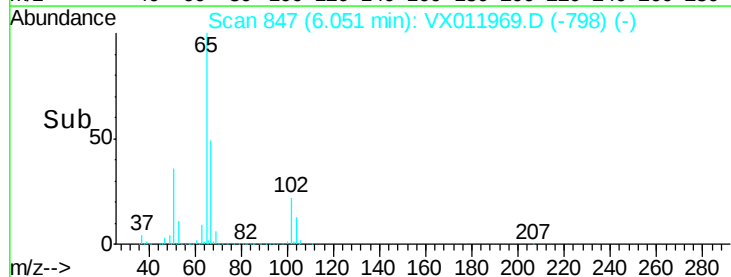
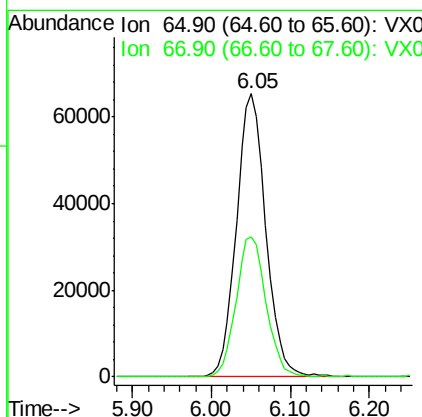
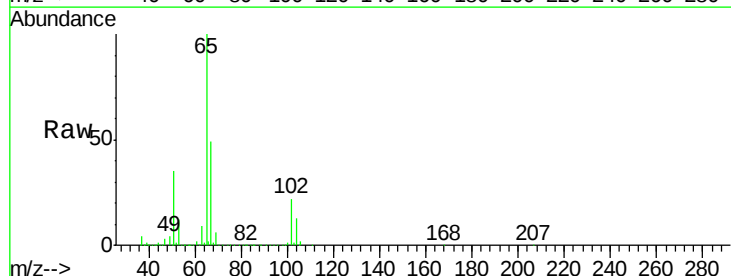
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(1.9)

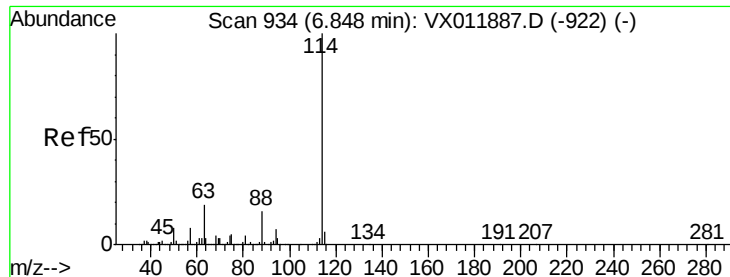
Tot Ion: 42 Resp: 4718
Ion Ratio Lower Upper
42 100
72 47.5 36.2 54.4
71 53.3 33.1 49.7#



#33
1,2-Dichloroethane-d4
Concen: 41.009 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011969.D
Acq: 01 Sep 2019 00:44

Tgt Ion: 65 Resp: 169464
Ion Ratio Lower Upper
65 100
67 50.2 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: VX011969.D

Acq: 01 Sep 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F2-(1.9)

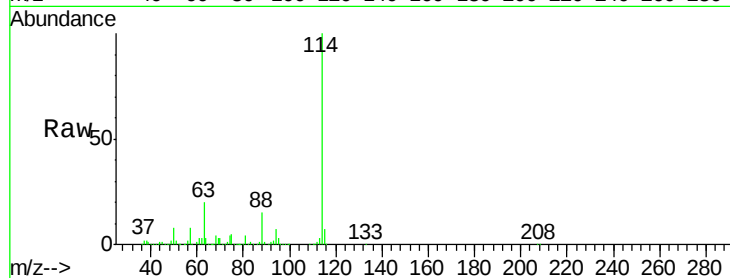
Tot Ion:114 Resp: 544444

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

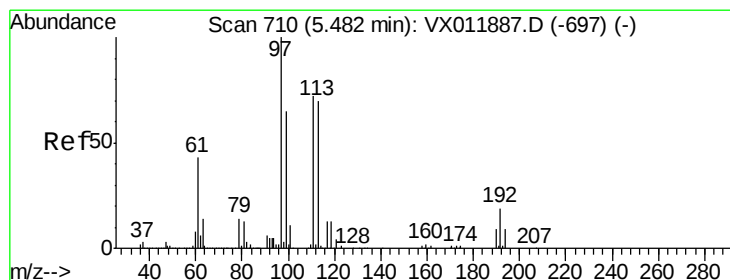
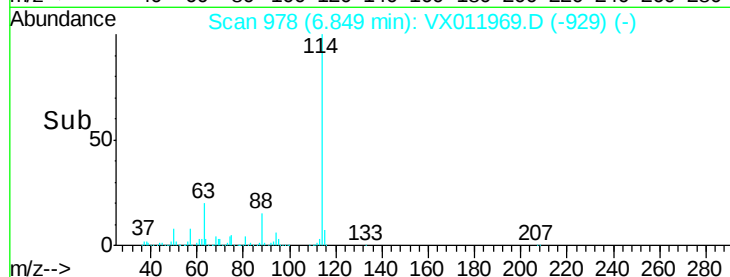
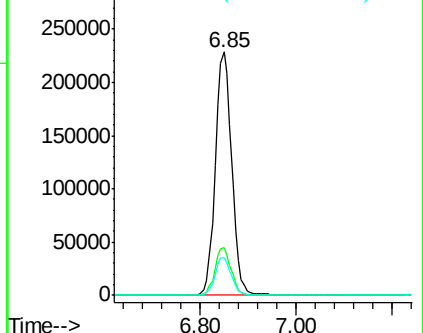
88 15.4 0.0 31.2



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: 45.036 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011969.D

Acq: 01 Sep 2019 00:44

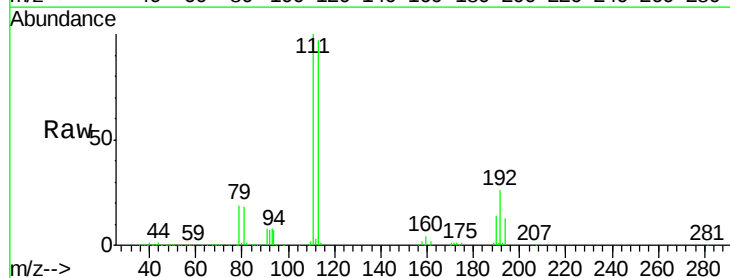
Tgt Ion:113 Resp: 157228

Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

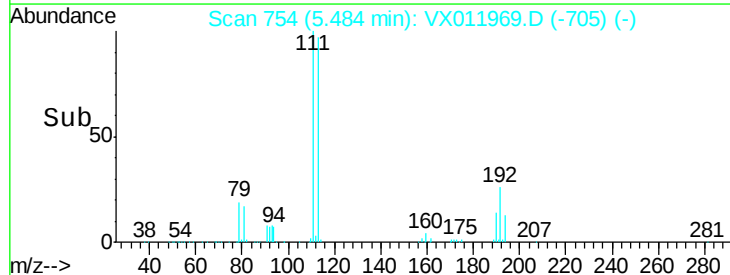
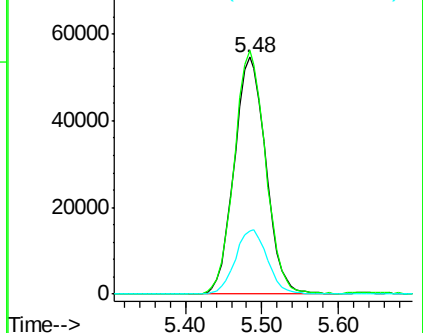
192 27.4 21.5 32.3

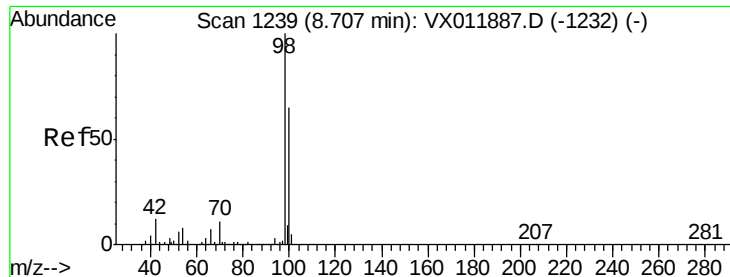


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.838 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011969.D

Acq: 01 Sep 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

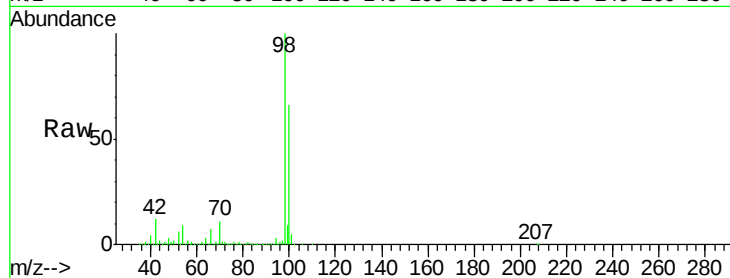
T9-12-13-F2-(1.9)

Tot Ion: 98 Resp: 609496

Ion Ratio Lower Upper

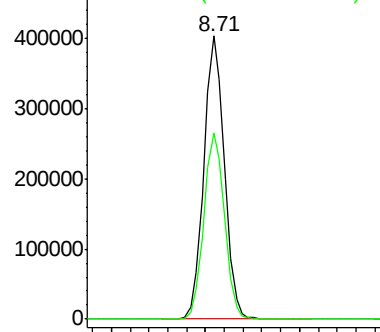
98 100

100 66.4 53.0 79.6

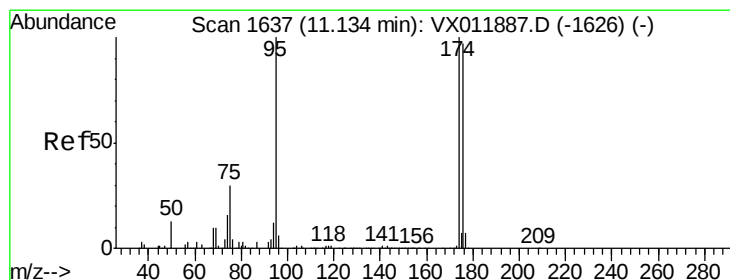
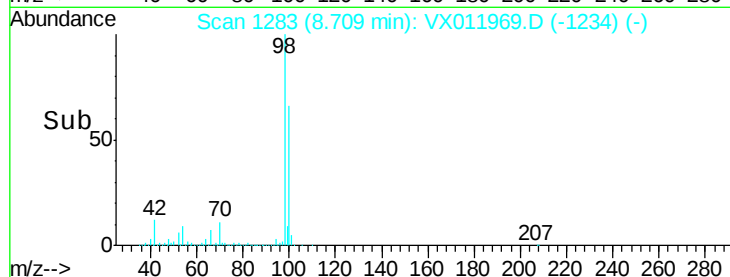


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 41.713 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011969.D

Acq: 01 Sep 2019 00:44

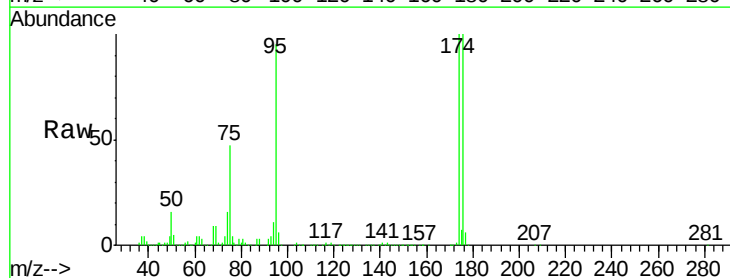
Tgt Ion: 95 Resp: 228359

Ion Ratio Lower Upper

95 100

174 99.1 0.0 196.0

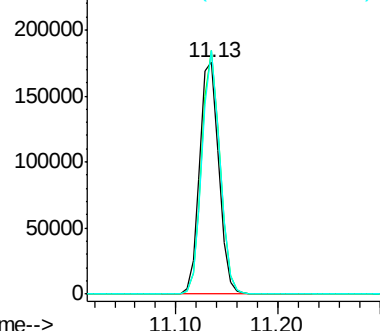
176 97.8 0.0 191.4



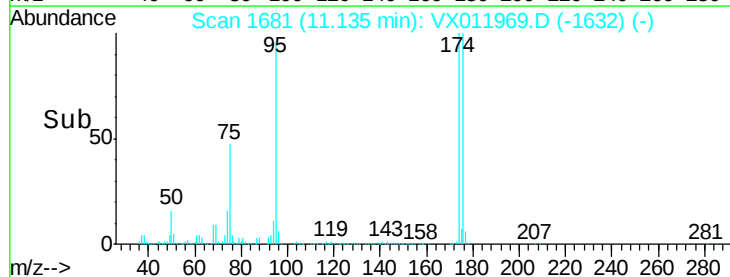
Abundance Ion 94.90 (94.60 to 95.60): VX0

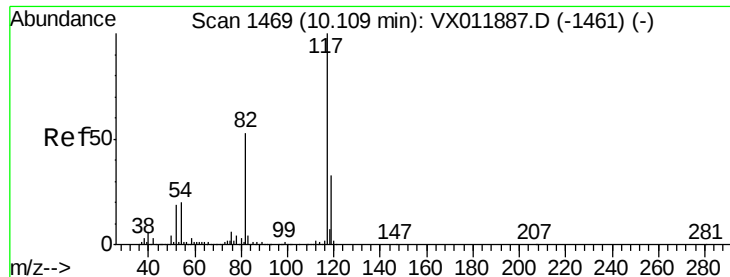
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

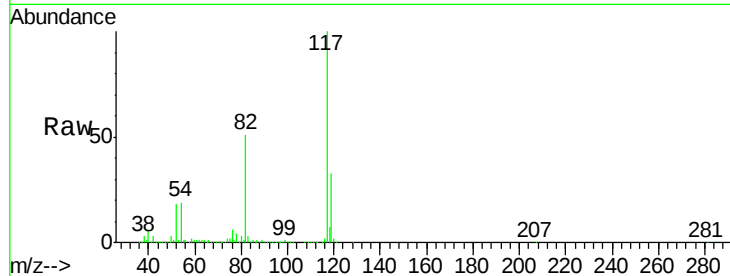




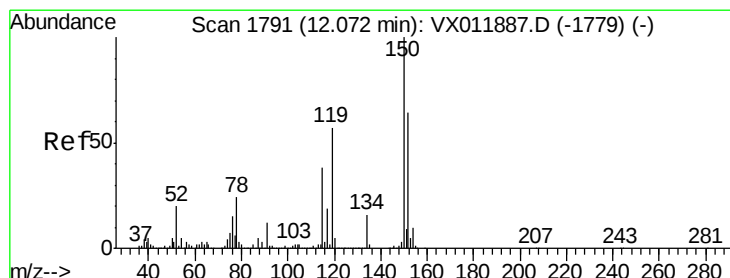
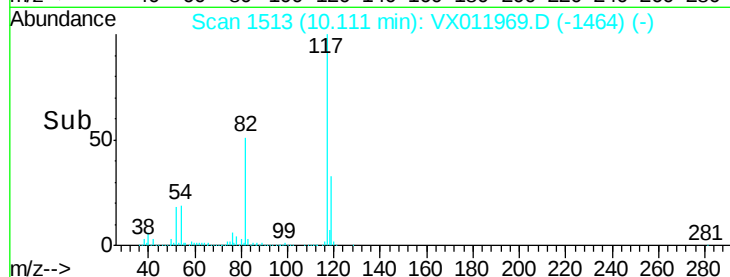
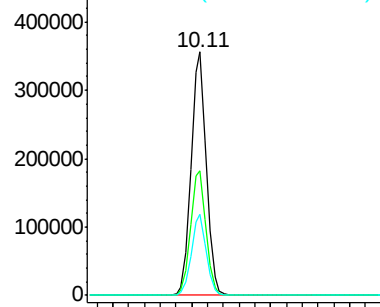
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011969.D
Acq: 01 Sep 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(1.9)

Tot Ion:117 Resp: 478413
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 33.2 26.2 39.4

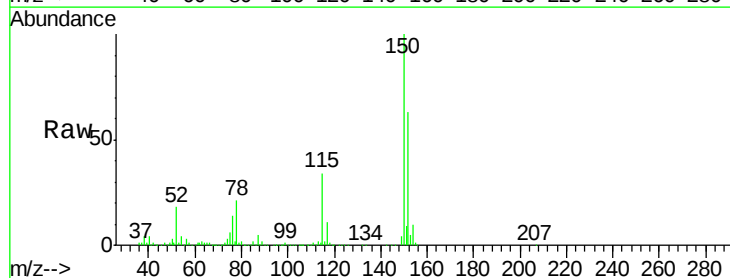


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011969.D
Acq: 01 Sep 2019 00:44

Tgt Ion:152 Resp: 254839
Ion Ratio Lower Upper
152 100
115 53.3 37.1 111.3
150 156.6 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

