

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011992.D
 Acq On : 01 Sep 2019 15:11
 Operator : SY/SP
 Sample : K4528-15
 Misc : 4.70g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-S1-(1.9)

Quant Time: Sep 02 04:39:18 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

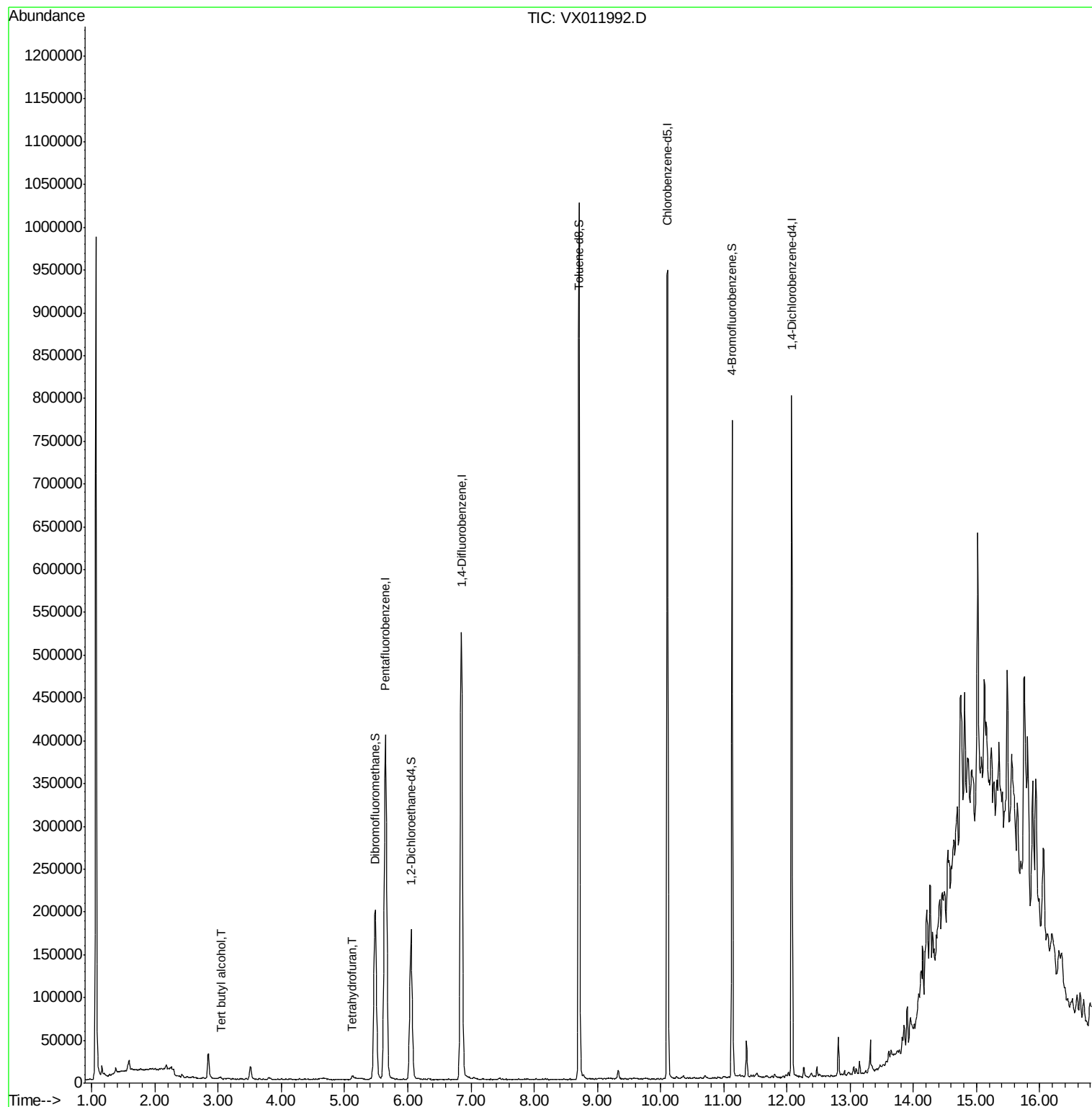
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	438487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	554044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	445019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	170053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	173189	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
35) Dibromofluoromethane	5.48	113	161969	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
50) Toluene-d8	8.71	98	607227	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.13	95	186355	33.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.90%	
Target Compounds						
11) Tert butyl alcohol	3.03	59	2944	7.284	ug/l #	87
29) Tetrahydrofuran	5.12	42	3802	4.627	ug/l #	86

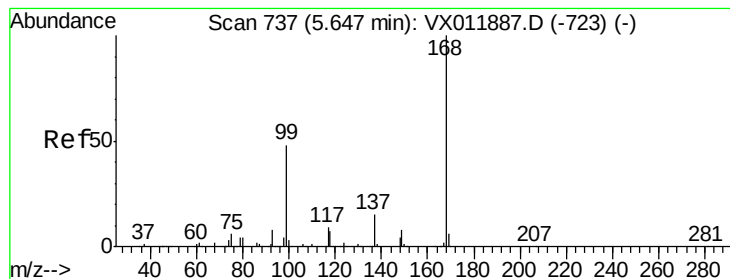
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011992.D

Acq: 01 Sep 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

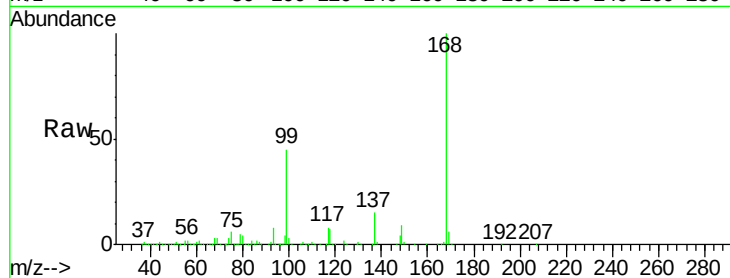
T9-12-13-S1-(1.9)

Tot Ion:168 Resp: 438487

Ion Ratio Lower Upper

168 100

99 45.3 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

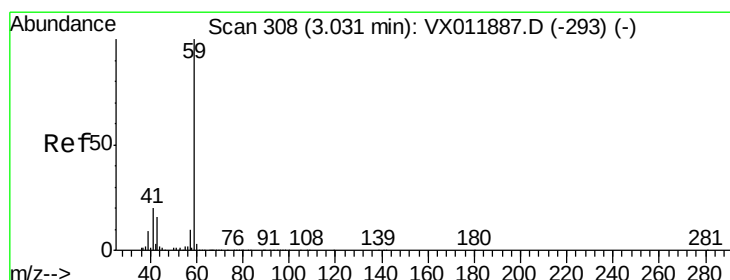
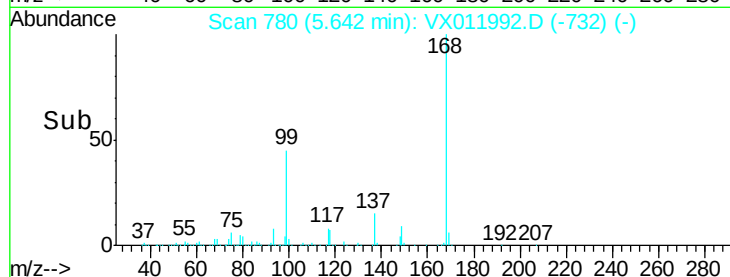
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 7.284 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX011992.D

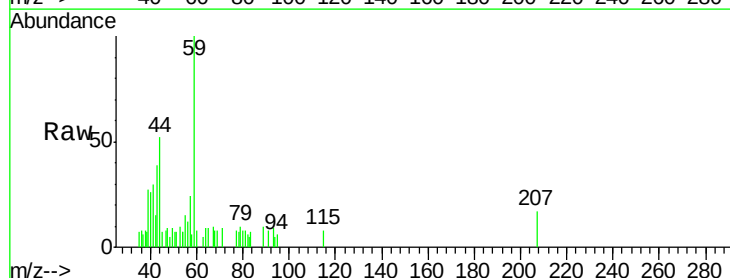
Acq: 01 Sep 2019 15:11

Tgt Ion: 59 Resp: 2944

Ion Ratio Lower Upper

59 100

57 6.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

1200

1000

800

600

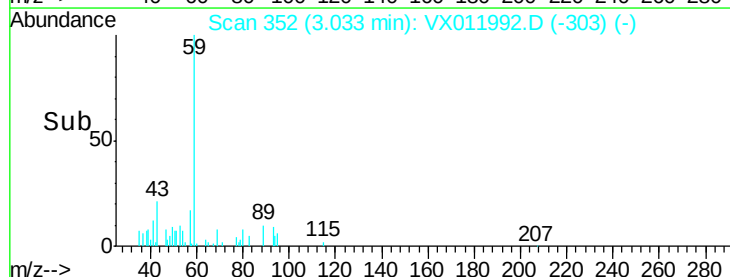
400

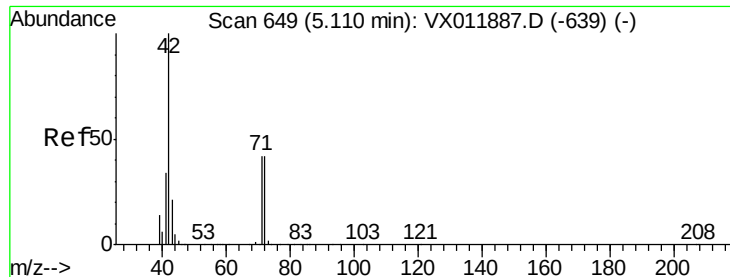
200

0

Time-->

2.90 2.95 3.00 3.05 3.10

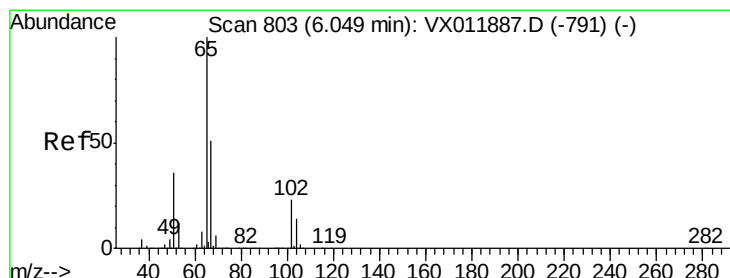
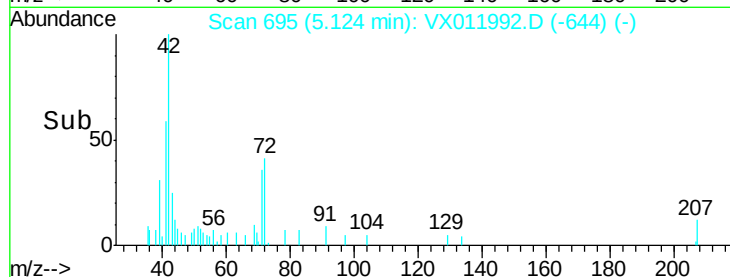
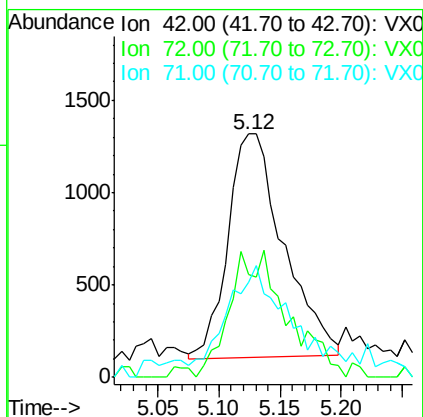
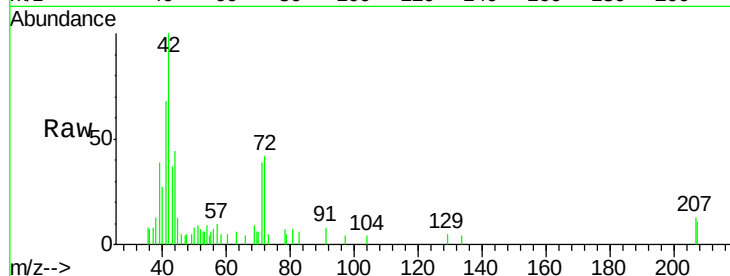




#29
Tetrahydrofuran
Concen: 4.627 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011992.D
Acq: 01 Sep 2019 15:11

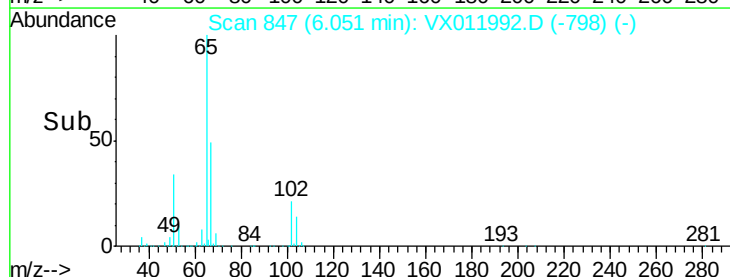
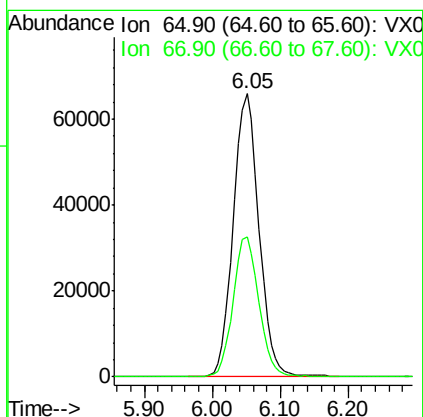
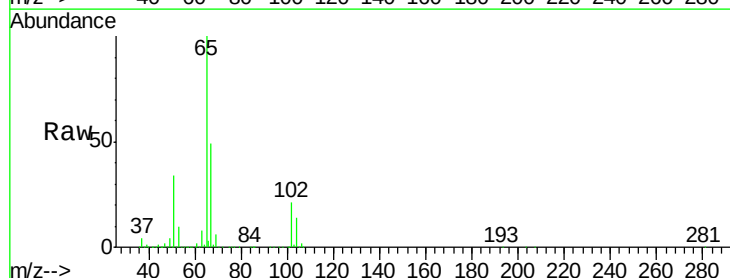
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S1-(1.9)

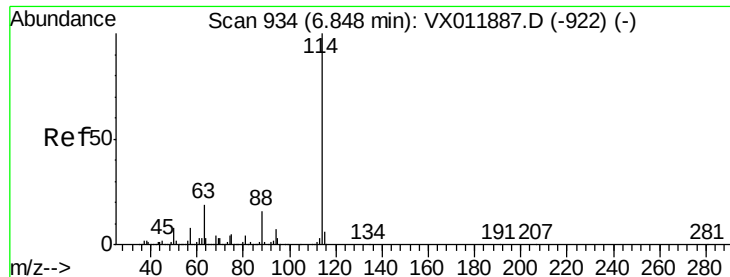
Tot Ion	Ratio	Lower	Upper
42	100		
72	58.1	36.2	54.4#
71	46.7	33.1	49.7



#33
1,2-Dichloroethane-d4
Concen: 41.224 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011992.D
Acq: 01 Sep 2019 15:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.5	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: VX011992.D

Acq: 01 Sep 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-S1-(1.9)

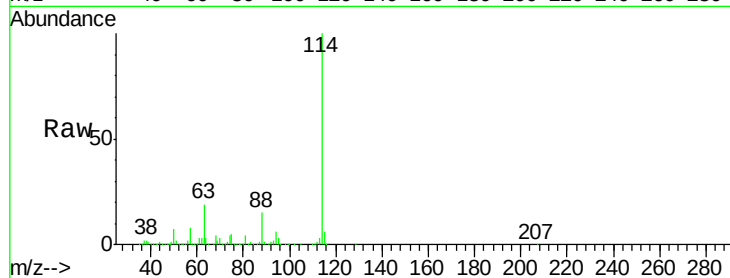
Tot Ion:114 Resp: 554044

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 14.7 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

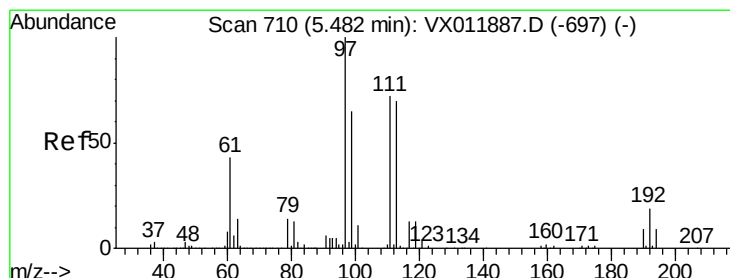
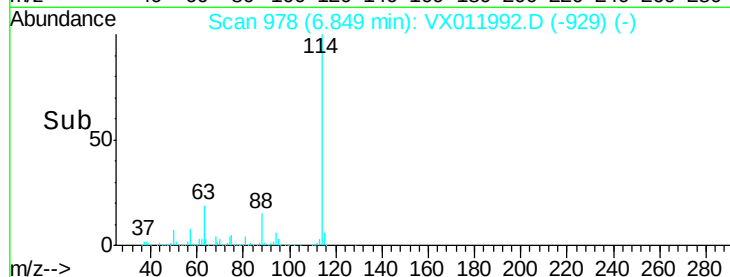
0

6.85

6.80

7.00

Time-->



#35

Dibromofluoromethane

Concen: 45.590 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011992.D

Acq: 01 Sep 2019 15:11

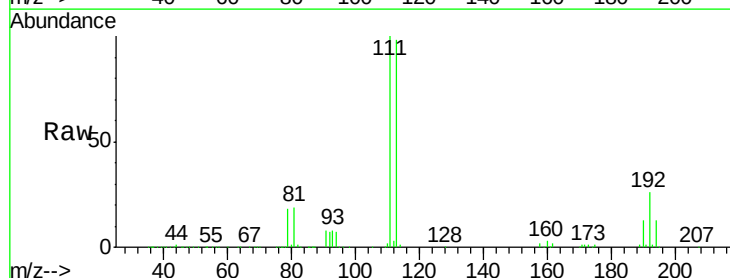
Tgt Ion:113 Resp: 161969

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 27.9 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

80000

60000

40000

20000

0

5.48

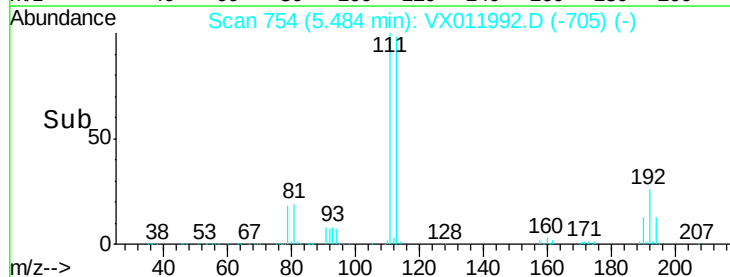
5.30

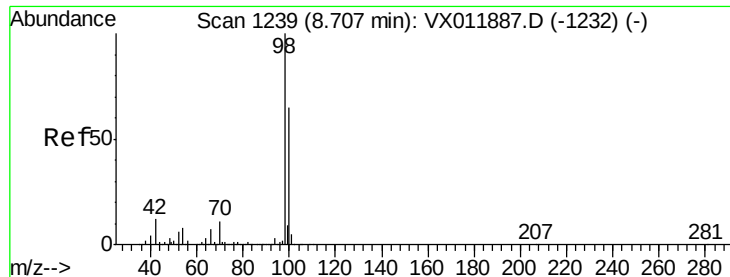
5.40

5.50

5.60

Time-->

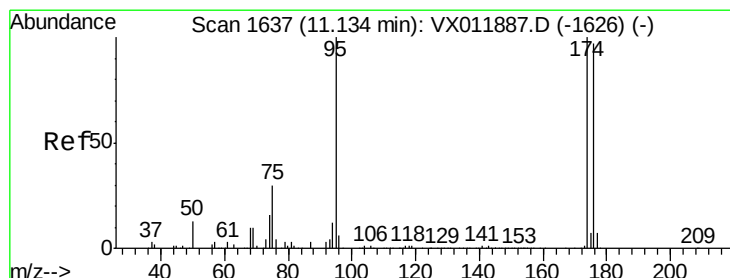
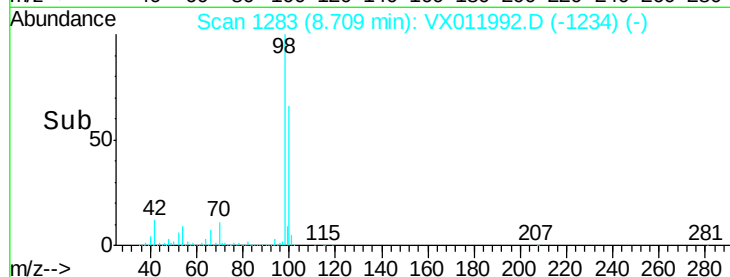
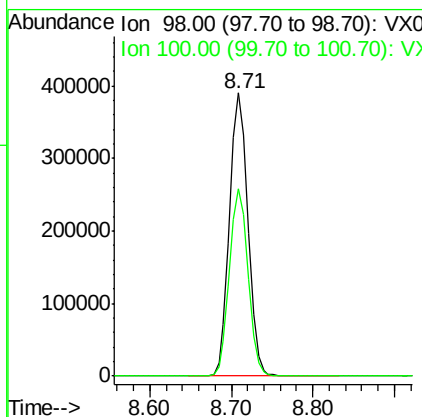
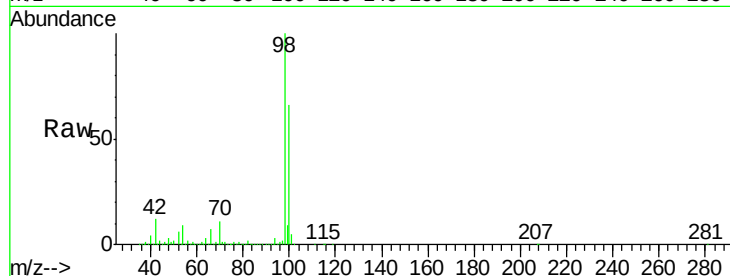




#50
Toluene-d8
Concen: 47.813 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011992.D
Acq: 01 Sep 2019 15:11

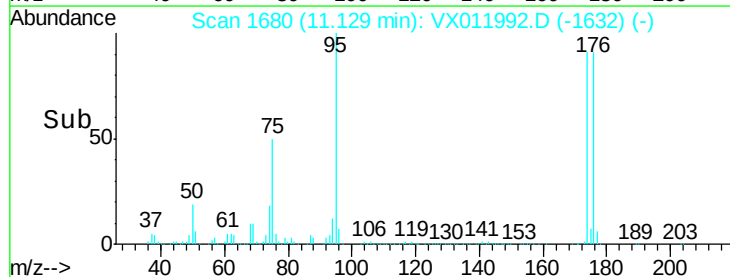
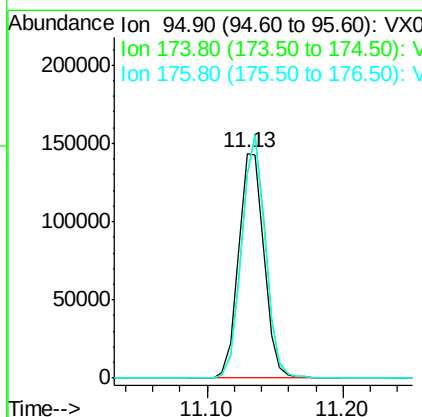
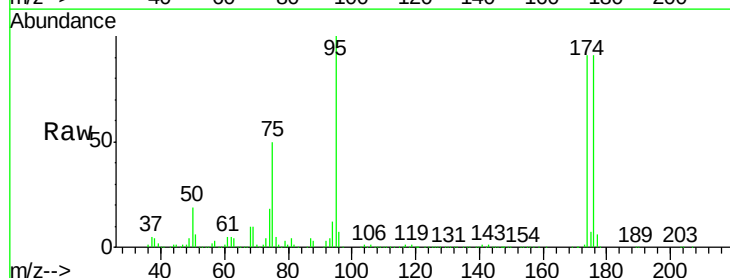
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MSVOA_X
ClientSampleId :
T9-12-13-S1-(1.9)

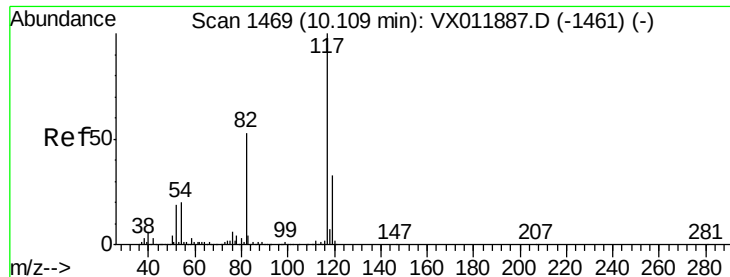
Tot Ion: 98 Resp: 607227
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 33.451 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011992.D
Acq: 01 Sep 2019 15:11

Tgt Ion: 95 Resp: 186355
Ion Ratio Lower Upper
95 100
174 102.0 0.0 196.0
176 100.5 0.0 191.4

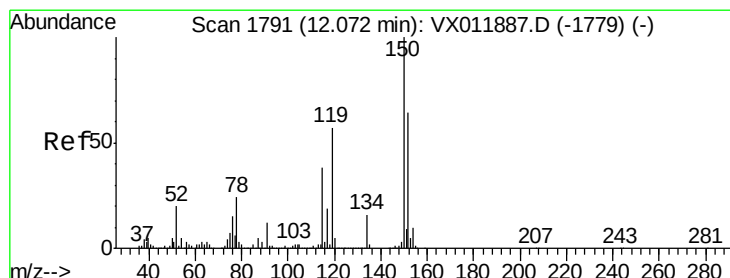
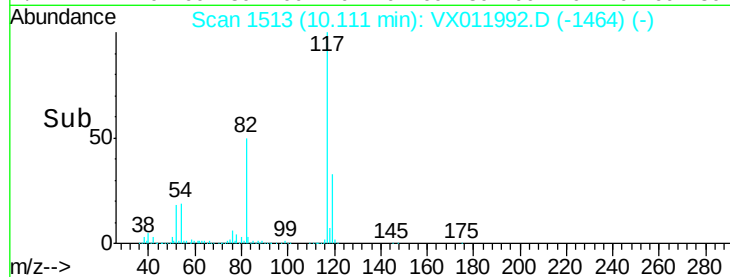
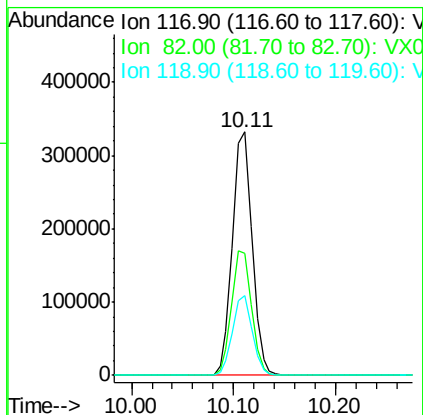
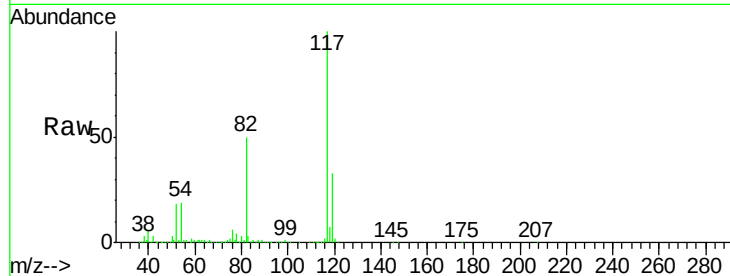




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011992.D
Acq: 01 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S1-(1.9)

Tot Ion:117 Resp: 445019
Ion Ratio Lower Upper
117 100
82 49.9 42.0 63.0
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011992.D
Acq: 01 Sep 2019 15:11

Tgt Ion:152 Resp: 170053
Ion Ratio Lower Upper
152 100
115 53.2 37.1 111.3
150 158.5 0.0 339.6

