

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004593.D
 Acq On : 15 Sep 2018 19:07
 Operator : JC/MD
 Sample : J4922-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-22

Quant Time: Sep 17 08:55:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	143038	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
35) Dibromofluoromethane	5.50	113	141340	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
50) Toluene-d8	8.72	98	474988	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
62) 4-Bromofluorobenzene	11.14	95	167890	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	

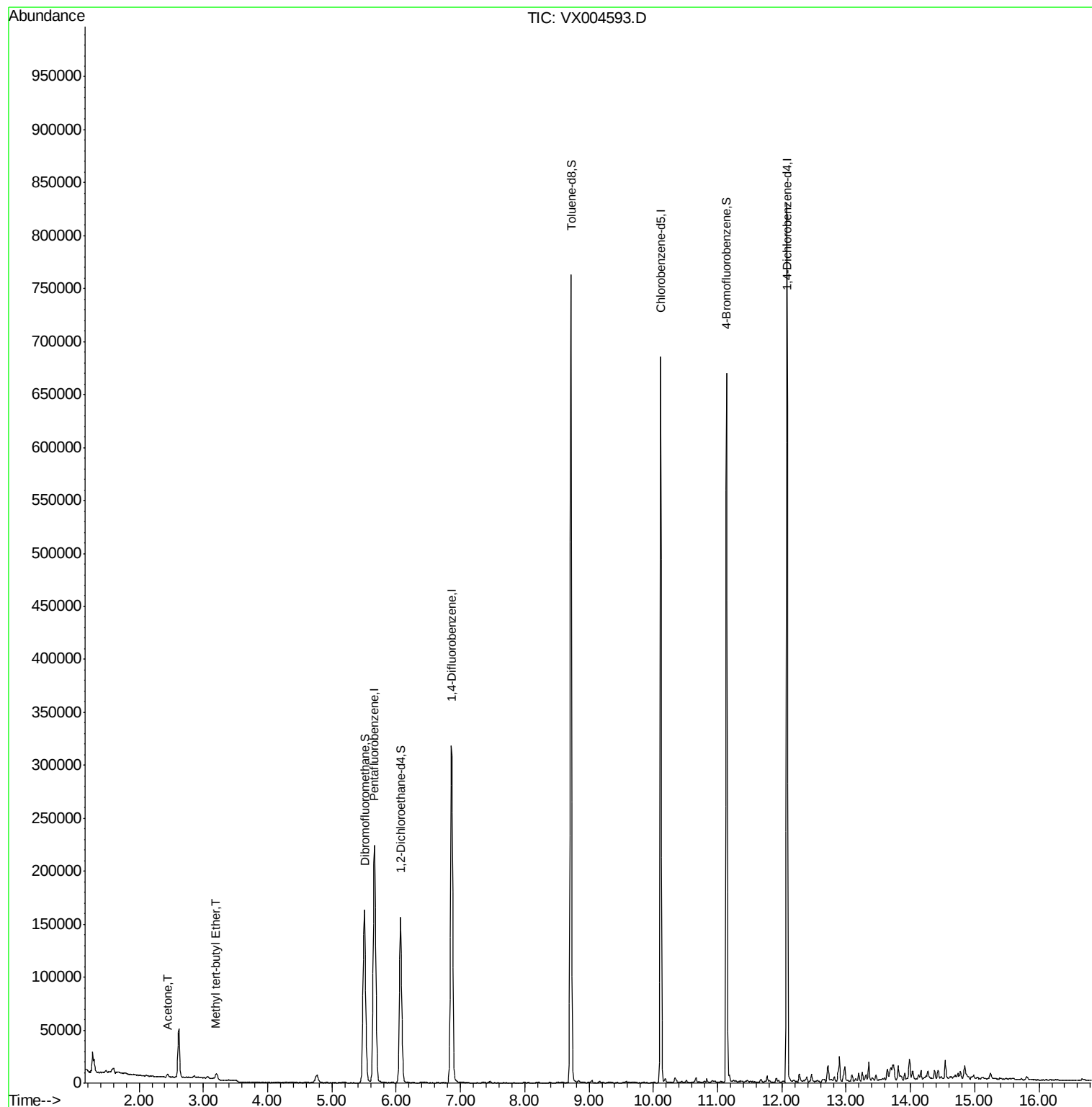
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3897	2.63	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	6598	0.76	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004593.D

Acq: 15 Sep 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

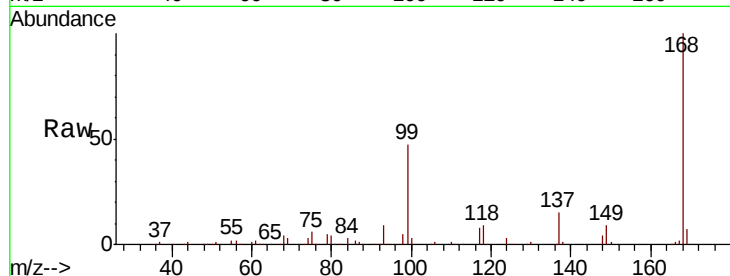
LIP-22

Tot Ion:168 Resp: 235807

Ion Ratio Lower Upper

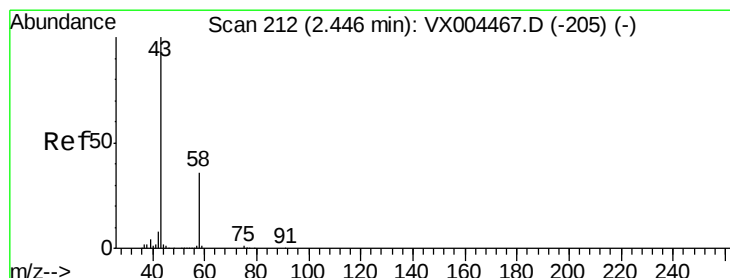
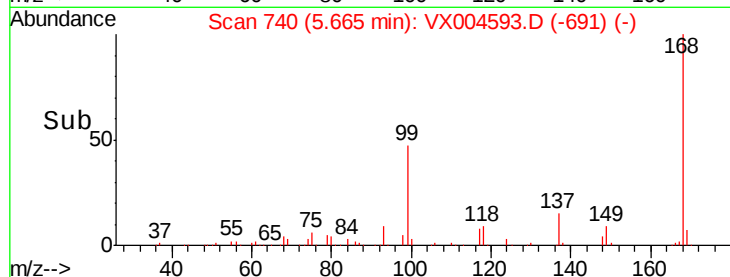
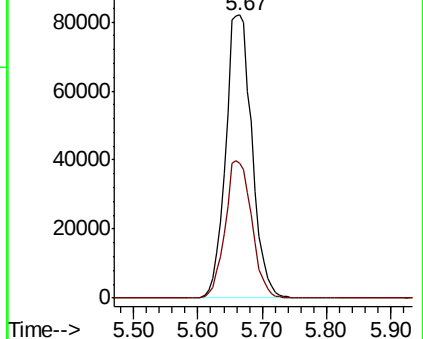
168 100

99 47.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.63 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004593.D

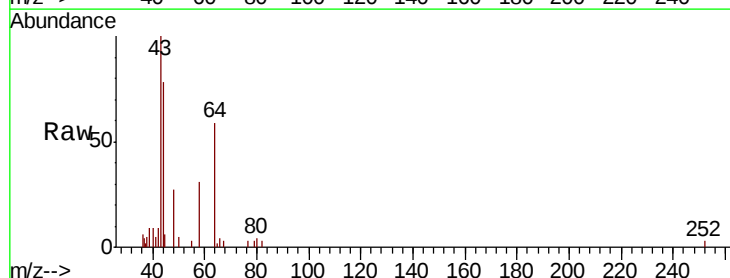
Acq: 15 Sep 2018 19:07

Tgt Ion: 43 Resp: 3897

Ion Ratio Lower Upper

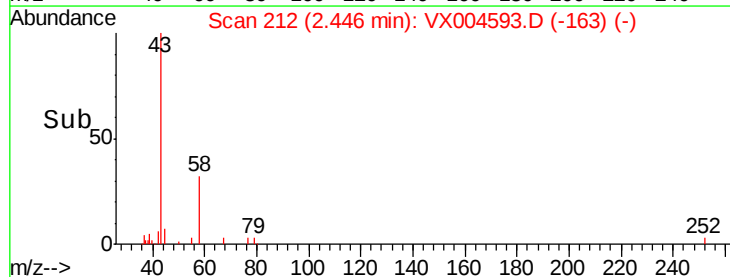
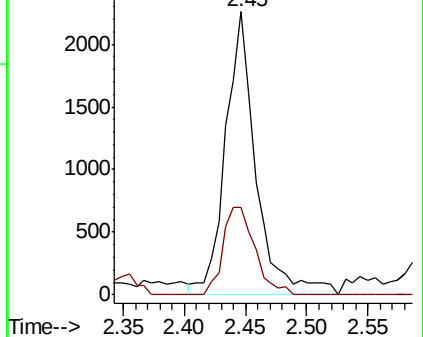
43 100

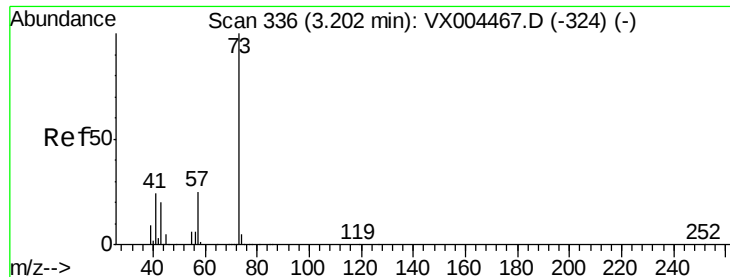
58 31.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#19

Methvl tert-butvl Ether

Concen: 0.76 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004593.D

Acq: 15 Sep 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

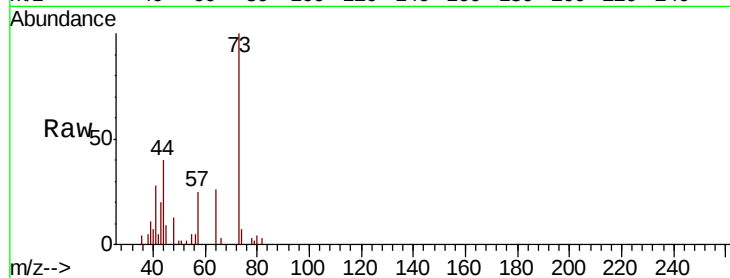
LIP-22

Tot Ion: 73 Resp: 6598

Ion Ratio Lower Upper

73 100

57 25.3 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

2500

2000

1500

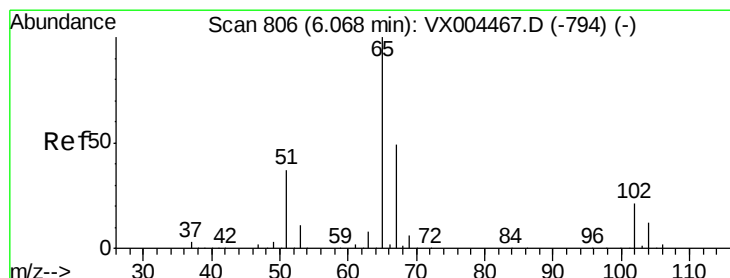
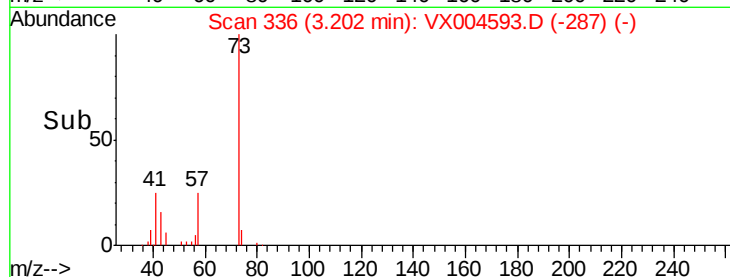
1000

500

0

3.10 3.15 3.20 3.25 3.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.04 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004593.D

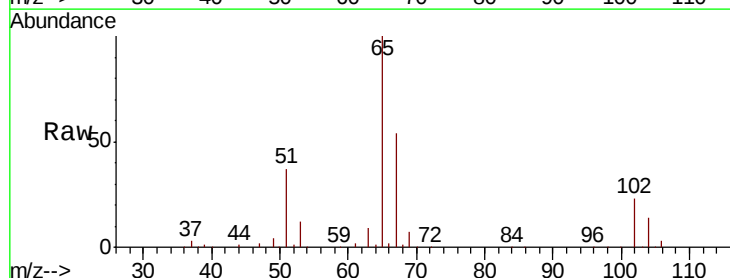
Acq: 15 Sep 2018 19:07

Tgt Ion: 65 Resp: 143038

Ion Ratio Lower Upper

65 100

67 55.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

30000

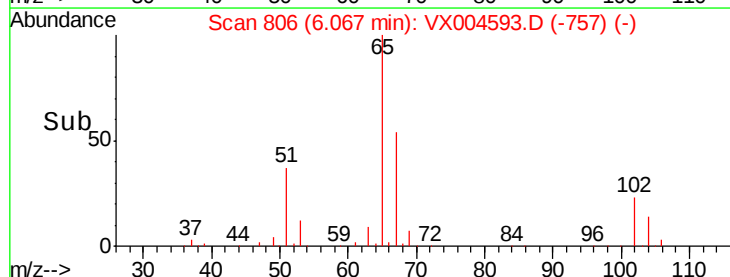
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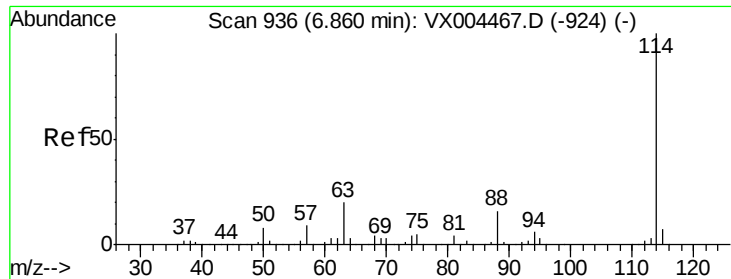
10000

0

5.90 6.00 6.10 6.20 6.30

Time-->

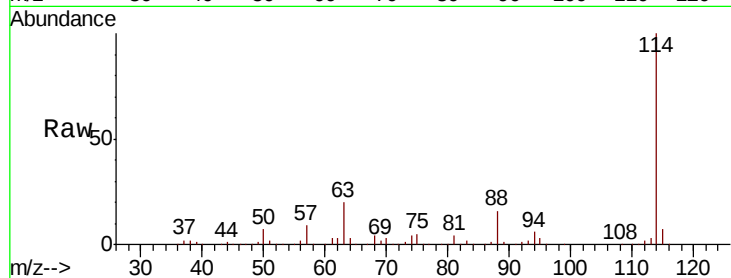




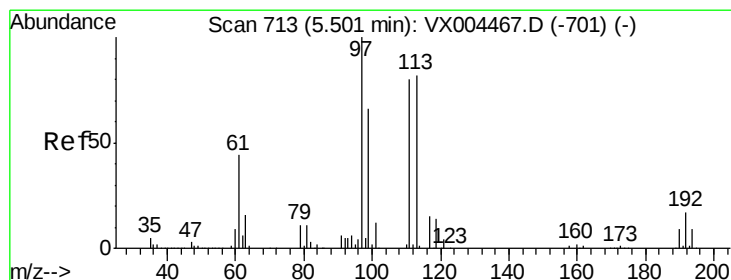
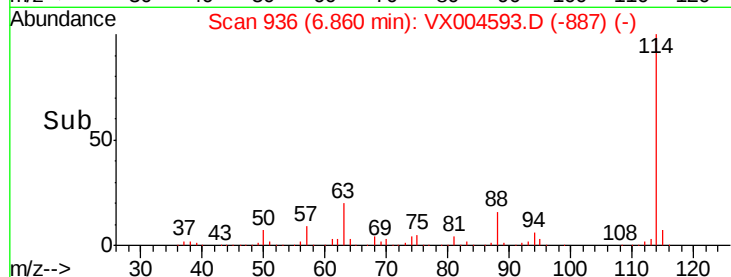
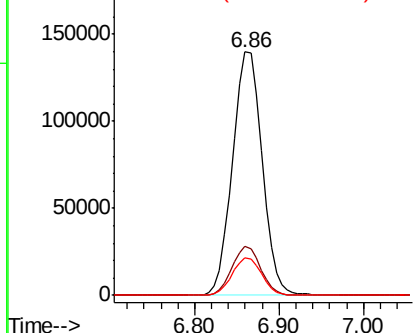
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004593.D
 Acq: 15 Sep 2018 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-22

Tot Ion:114 Resp: 332555
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.6 0.0 30.4

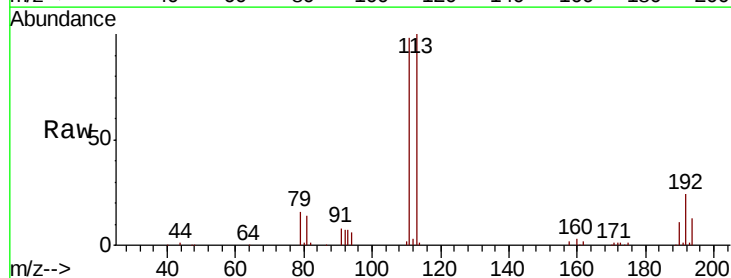


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

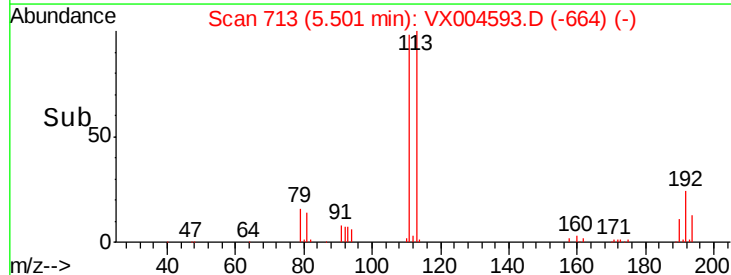
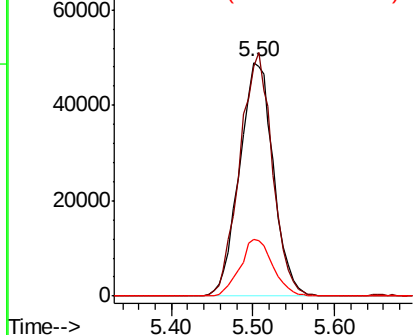


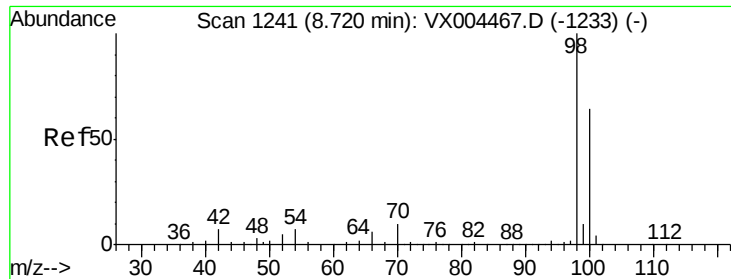
#35
 Dibromofluoromethane
 Concen: 46.44 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004593.D
 Acq: 15 Sep 2018 19:07

Tgt Ion:113 Resp: 141340
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.4 123.6
 192 23.6 19.4 29.2



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

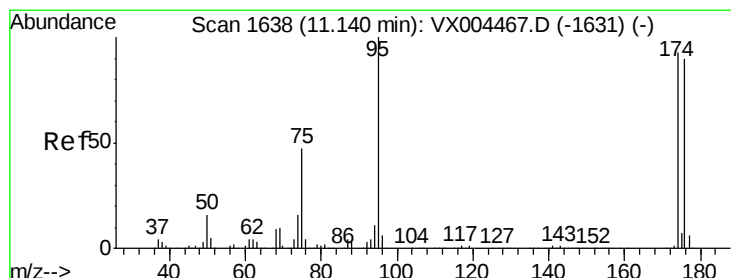
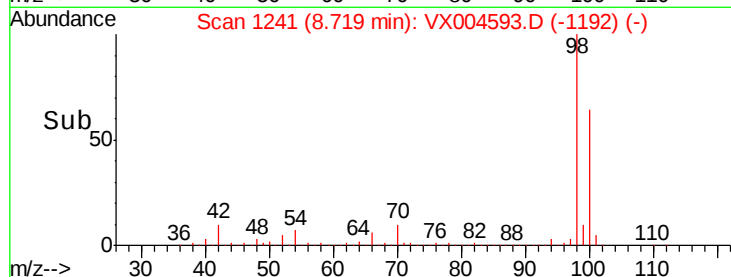
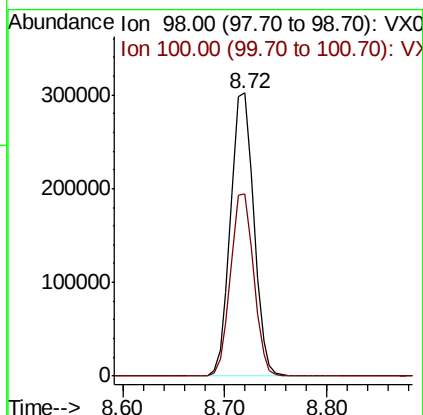
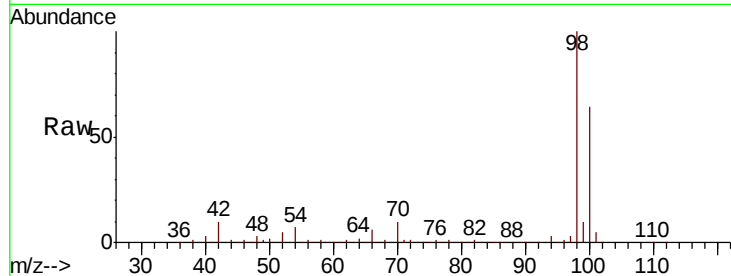




#50
Toluene-d8
Concen: 46.54 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004593.D
Acq: 15 Sep 2018 19:07

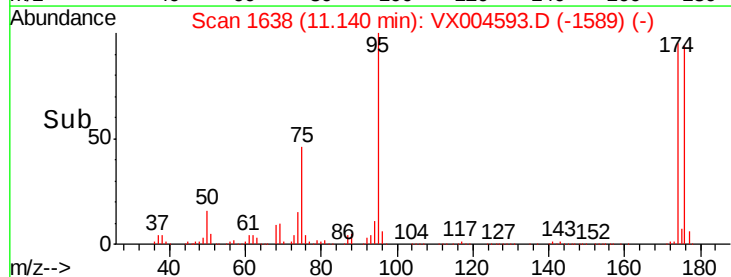
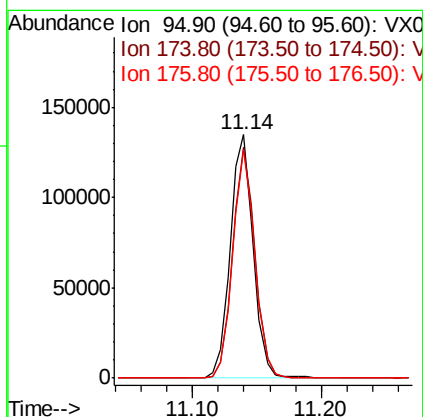
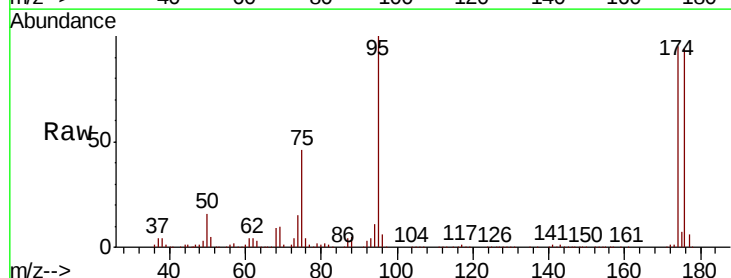
Instrument :
MSVOA_X
ClientSampleId :
LIP-22

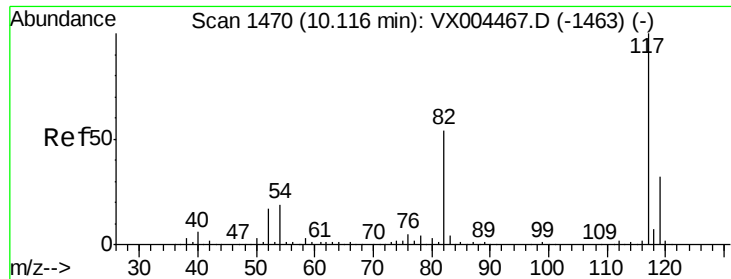
Tot Ion: 98 Resp: 474988
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.09 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004593.D
Acq: 15 Sep 2018 19:07

Tgt Ion: 95 Resp: 167890
Ion Ratio Lower Upper
95 100
174 92.5 0.0 185.2
176 90.4 0.0 178.6

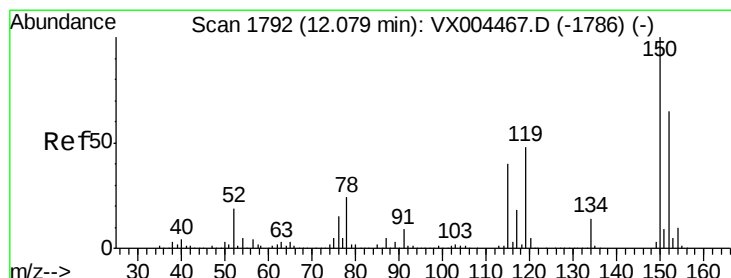
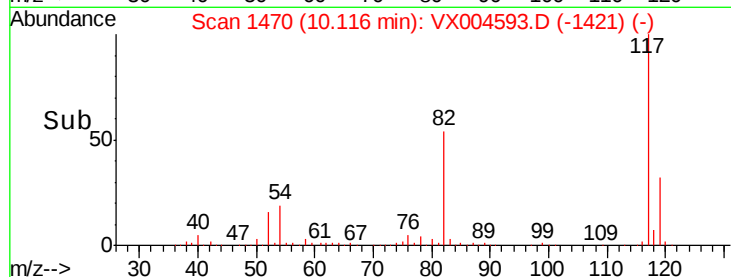
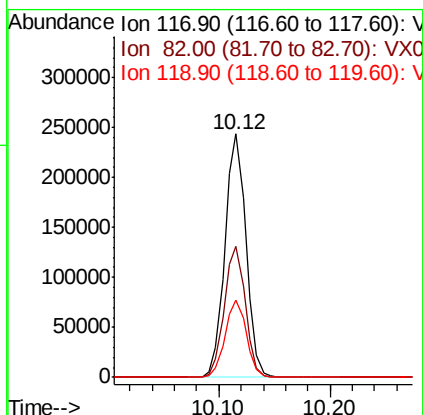
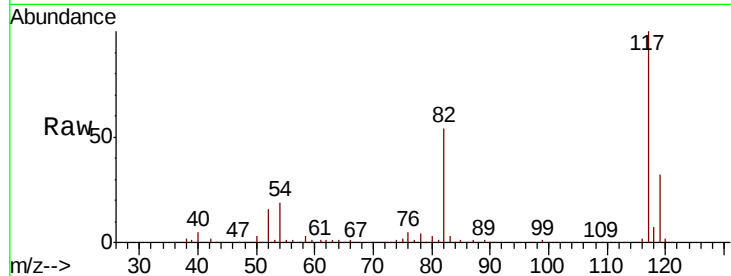




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004593.D
Acq: 15 Sep 2018 19:07

Instrument :
MSVOA_X
ClientSampleId :
LIP-22

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	47.8	71.6
119	31.7	29.3	43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004593.D
Acq: 15 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.0	117.0
150	157.7	0.0	351.0

