

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102819\
 Data File : VX013253.D
 Acq On : 28 Oct 2019 17:20
 Operator : JC/SP
 Sample : K5575-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-2

Quant Time: Oct 29 15:08:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

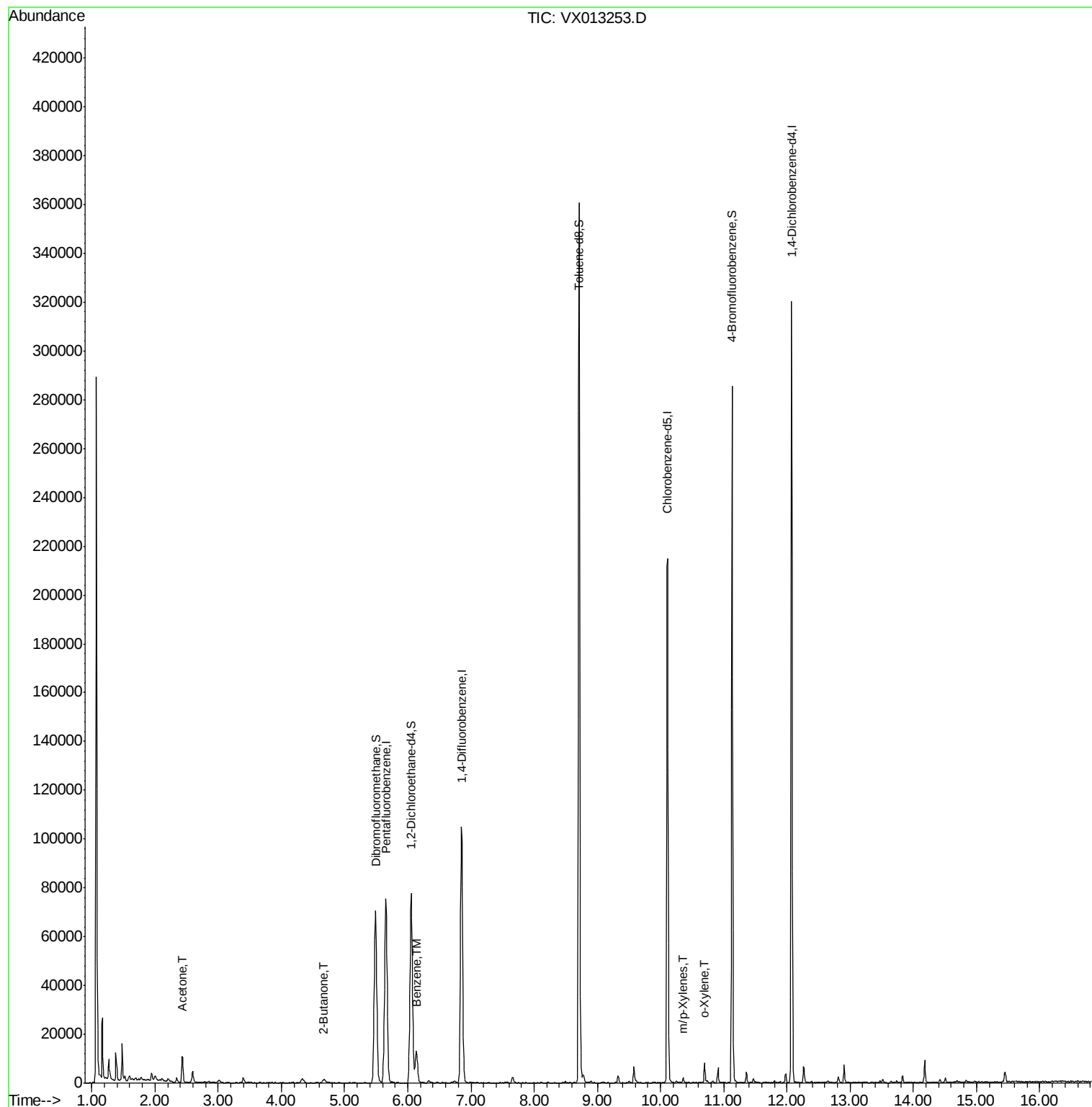
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	71251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	103964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	103491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	64006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	78511	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
35) Dibromofluoromethane	5.49	113	60636	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	8.71	98	212849	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	80372	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
16) Acetone	2.44	43	11023	15.700	ug/l	97
25) 2-Butanone	4.67	43	1911	2.030	ug/l	91
40) Benzene	6.14	78	15335	2.937	ug/l	98
68) m/p-Xylenes	10.36	106	681	0.278	ug/l	84
69) o-Xylene	10.70	106	1906	0.811	ug/l	99

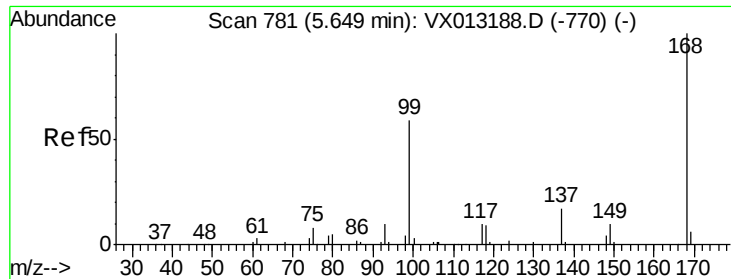
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013253.D

Acq: 28 Oct 2019 17:20

Instrument :

MSVOA_X

ClientSampled :

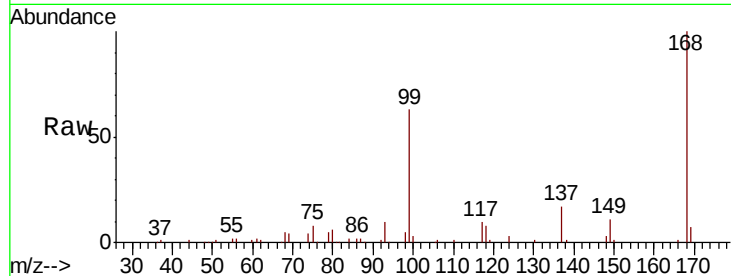
W-2

Tot Ion:168 Resp: 71251

Ion Ratio Lower Upper

168 100

99 62.9 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

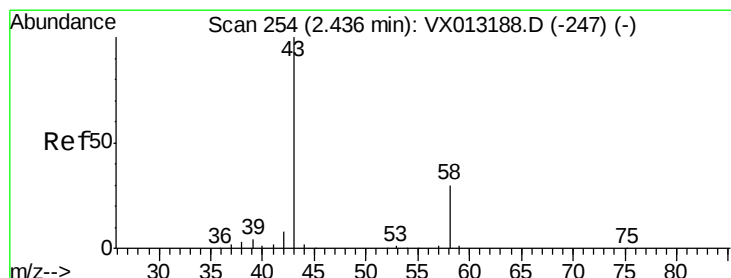
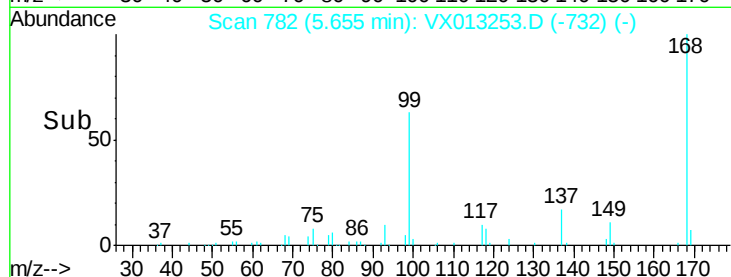
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 15.700 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013253.D

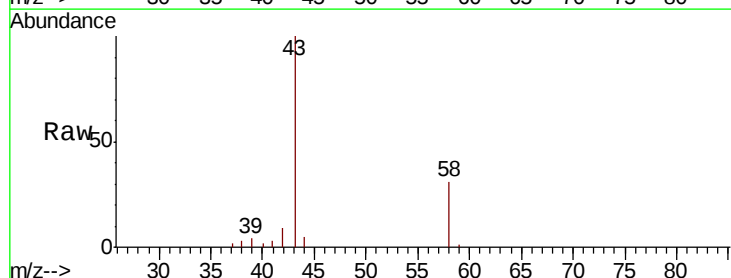
Acq: 28 Oct 2019 17:20

Tgt Ion: 43 Resp: 11023

Ion Ratio Lower Upper

43 100

58 31.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

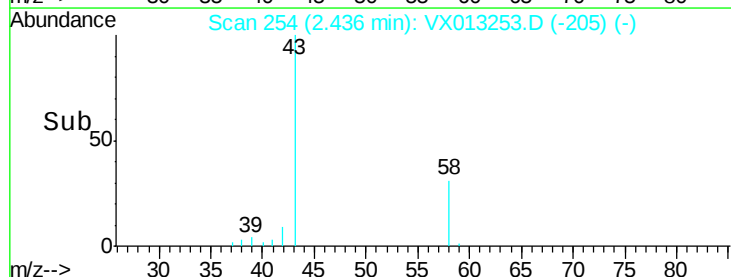
6000

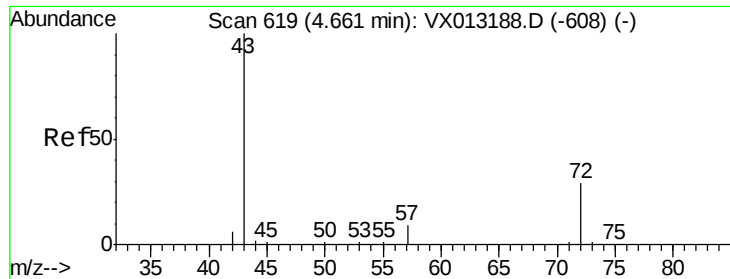
4000

2000

0

Time-->





#25

2-Butanone

Concen: 2.030 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX013253.D

Acq: 28 Oct 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

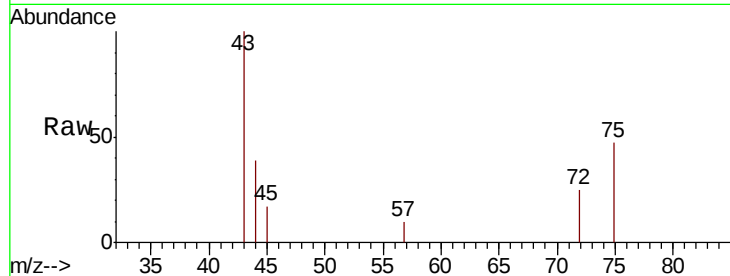
W-2

Tot Ion: 43 Resp: 1911

Ion Ratio Lower Upper

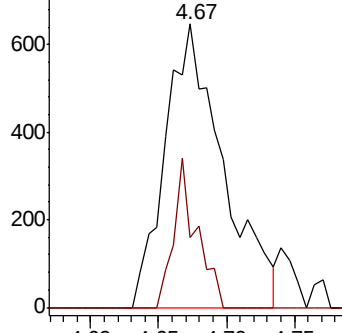
43 100

72 24.7 23.4 35.2

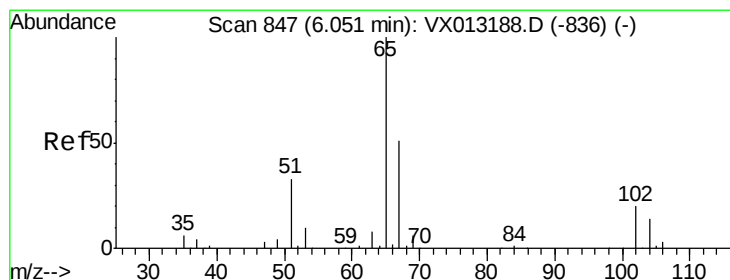
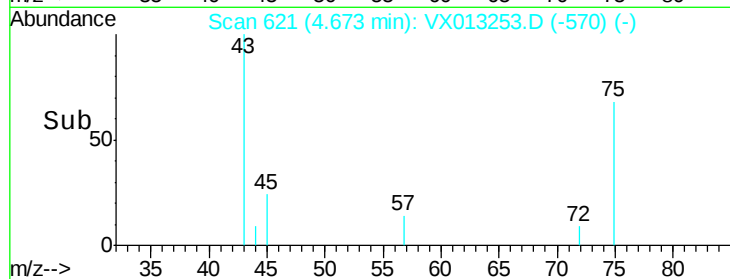


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.683 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013253.D

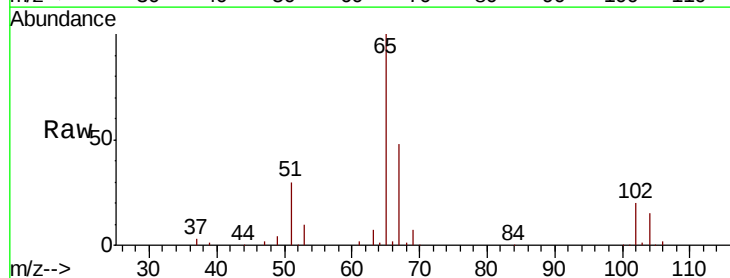
Acq: 28 Oct 2019 17:20

Tgt Ion: 65 Resp: 78511

Ion Ratio Lower Upper

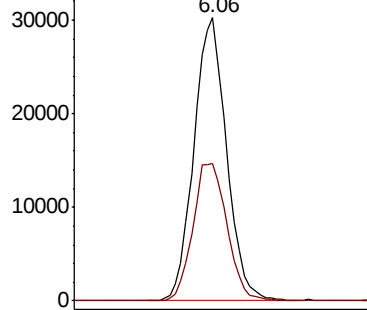
65 100

67 50.9 0.0 102.6

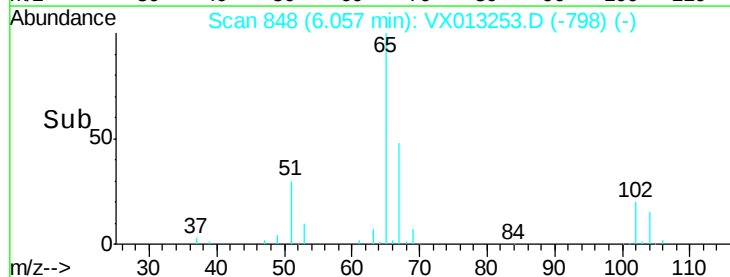


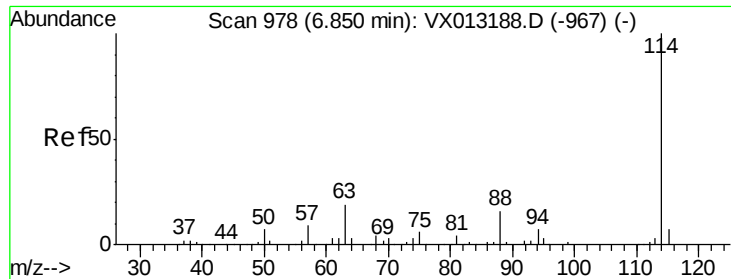
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->

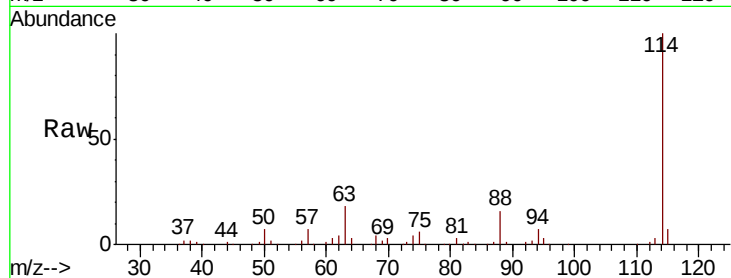




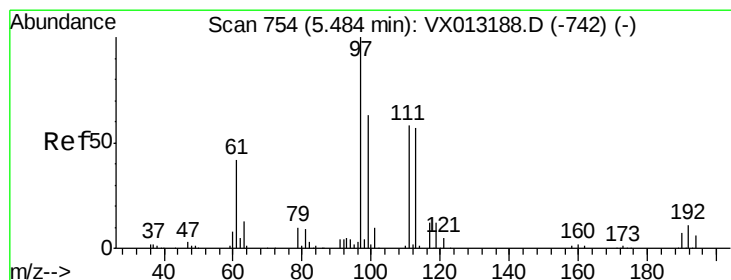
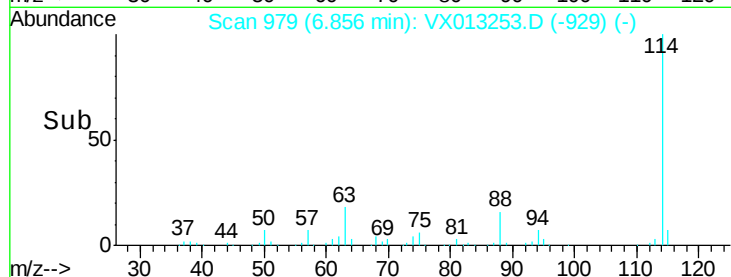
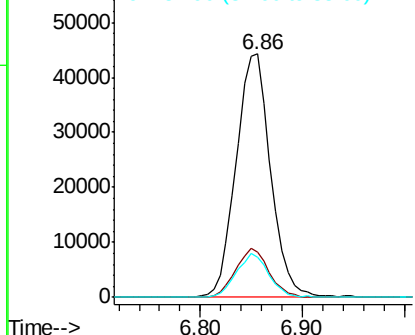
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013253.D
 Acq: 28 Oct 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 W-2

Tot Ion:114 Resp: 103964
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.0
 88 16.5 0.0 32.0

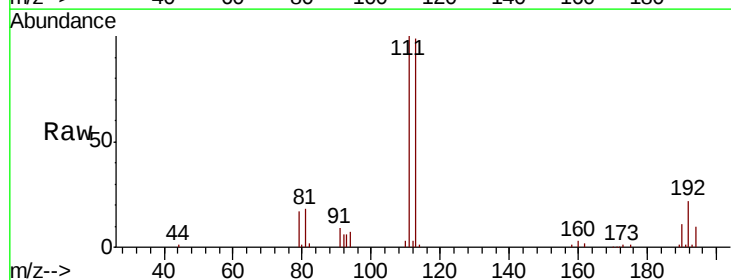


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

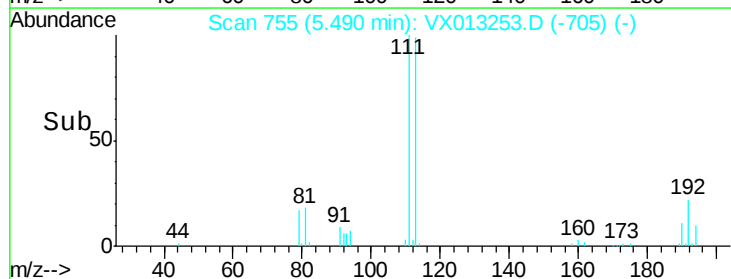
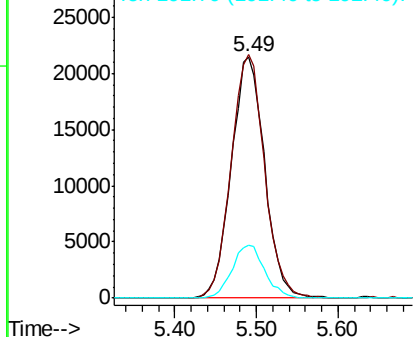


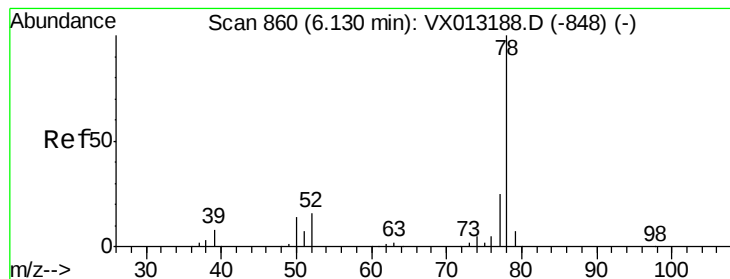
#35
 Dibromofluoromethane
 Concen: 52.302 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013253.D
 Acq: 28 Oct 2019 17:20

Tgt Ion:113 Resp: 60636
 Ion Ratio Lower Upper
 113 100
 111 101.0 80.3 120.5
 192 21.4 15.9 23.9



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





#40

Benzene

Concen: 2.937 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013253.D

Acq: 28 Oct 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

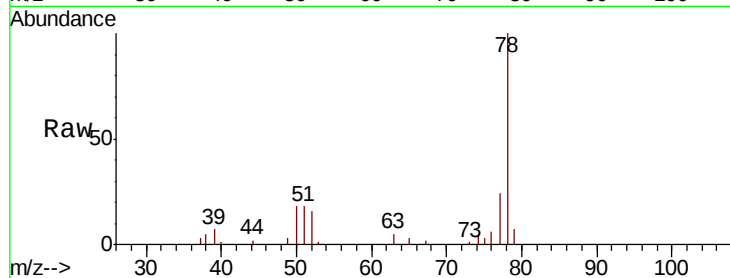
W-2

Tot Ion: 78 Resp: 15335

Ion Ratio Lower Upper

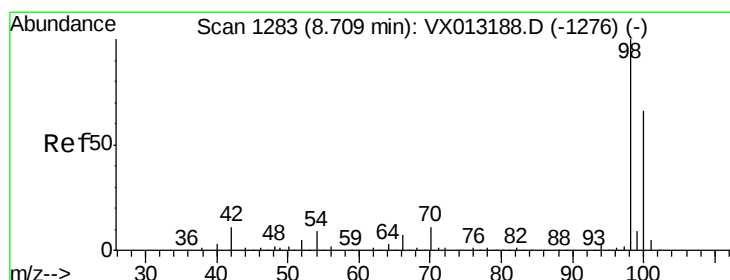
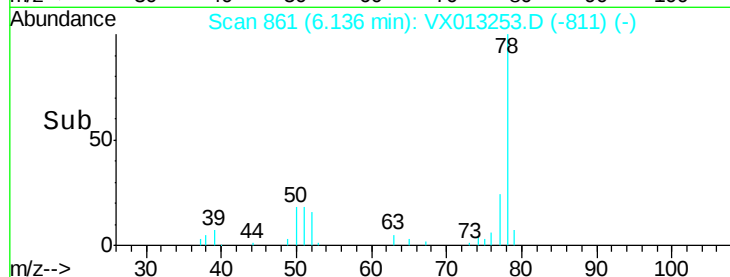
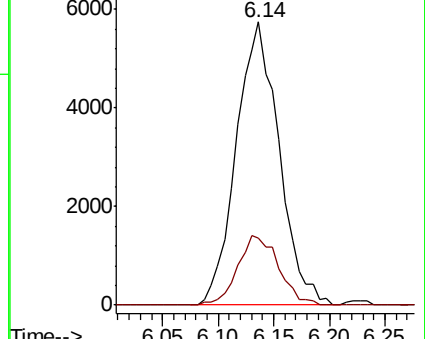
78 100

77 23.6 19.6 29.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.541 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013253.D

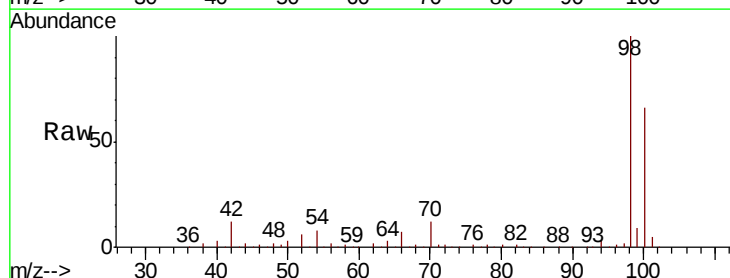
Acq: 28 Oct 2019 17:20

Tgt Ion: 98 Resp: 212849

Ion Ratio Lower Upper

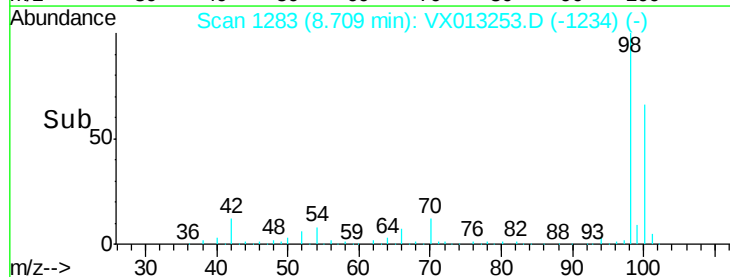
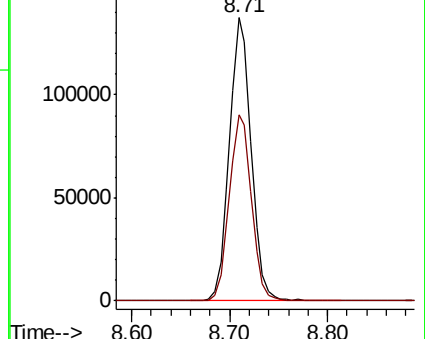
98 100

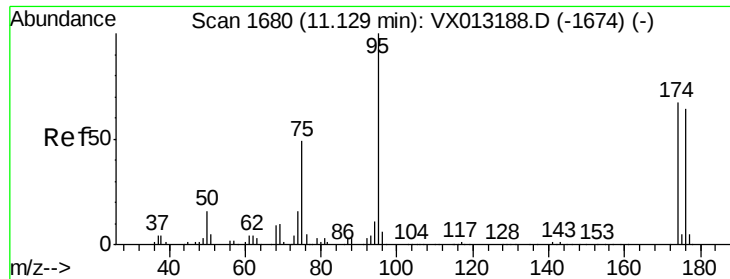
100 67.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

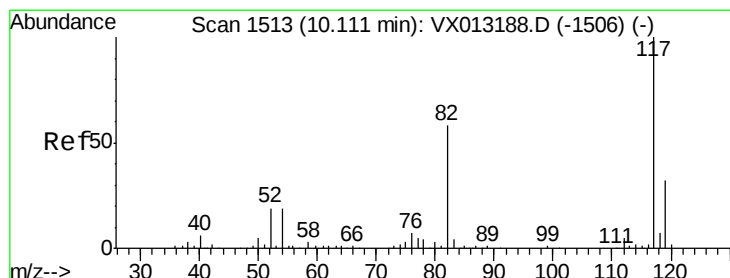
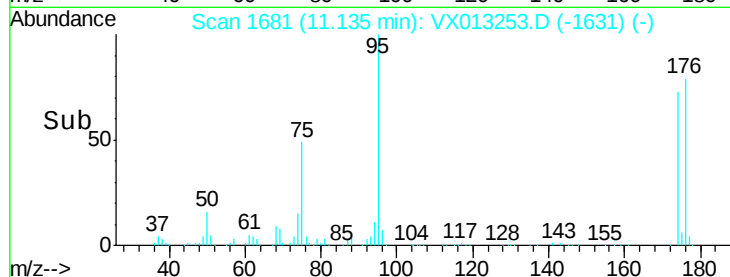
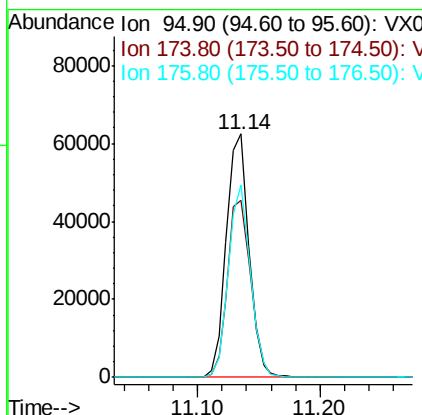
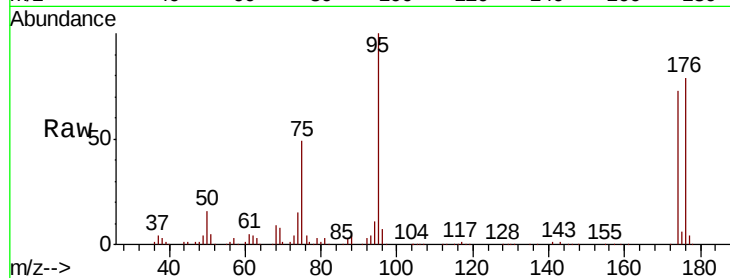




#62
4-Bromofluorobenzene
Concen: 47.263 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013253.D
Acq: 28 Oct 2019 17:20

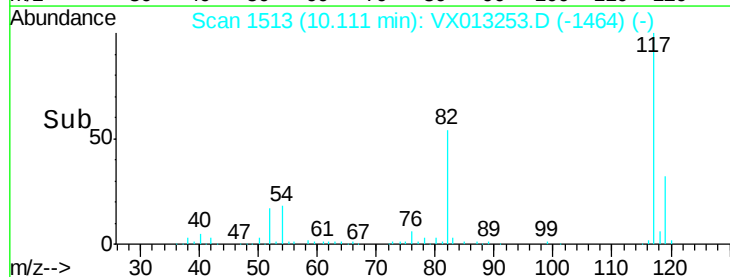
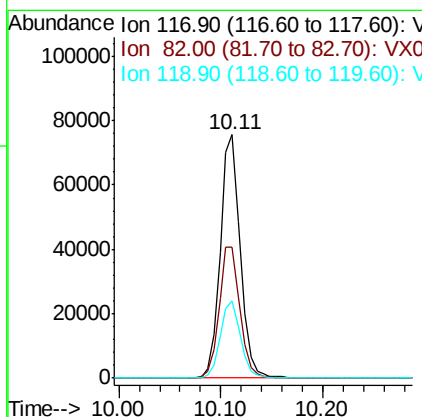
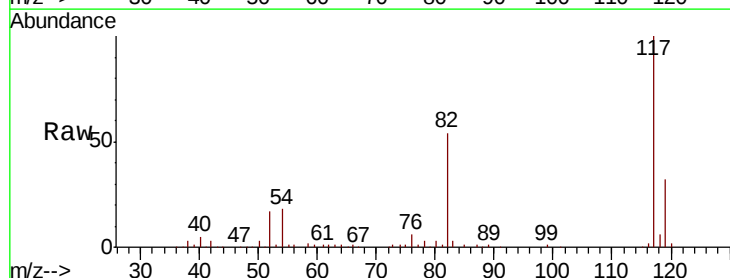
Instrument :
MSVOA_X
ClientSampleId :
W-2

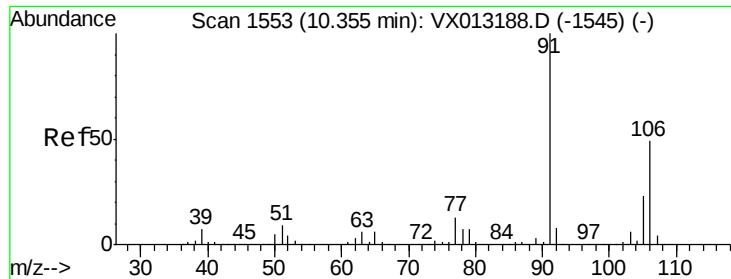
Tot Ion: 95 Resp: 80372
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.4
176 75.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013253.D
Acq: 28 Oct 2019 17:20

Tgt Ion: 117 Resp: 103491
Ion Ratio Lower Upper
117 100
82 53.9 46.5 69.7
119 31.8 25.2 37.8





#68

m/p-Xylenes

Concen: 0.278 ug/l

RT: 10.36 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VX013253.D

Acq: 28 Oct 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

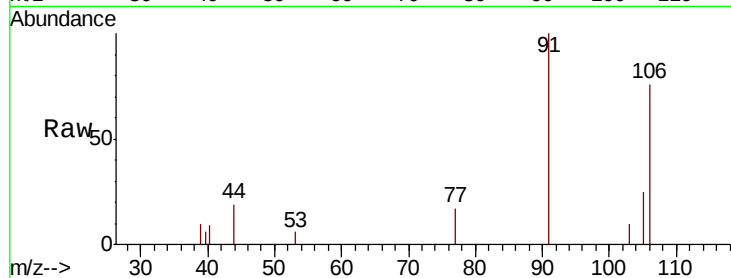
W-2

Tot Ion:106 Resp: 681

Ion Ratio Lower Upper

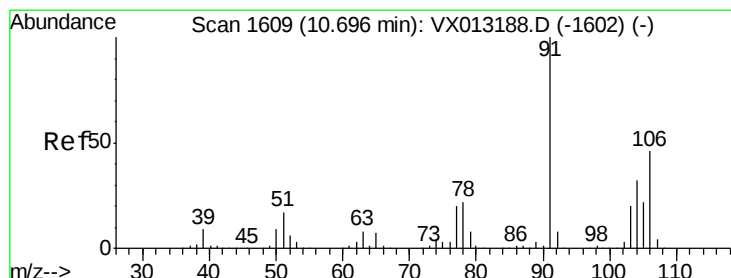
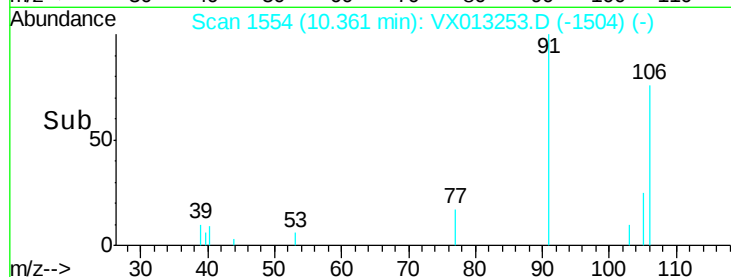
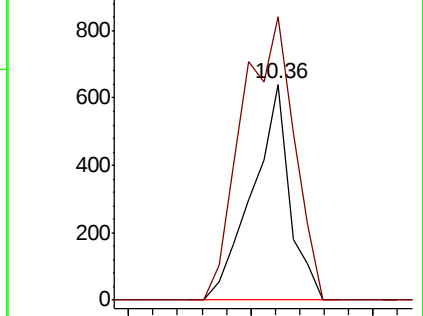
106 100

91 183.7 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.811 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013253.D

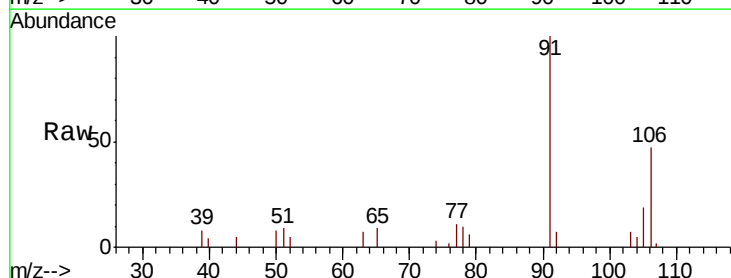
Acq: 28 Oct 2019 17:20

Tgt Ion:106 Resp: 1906

Ion Ratio Lower Upper

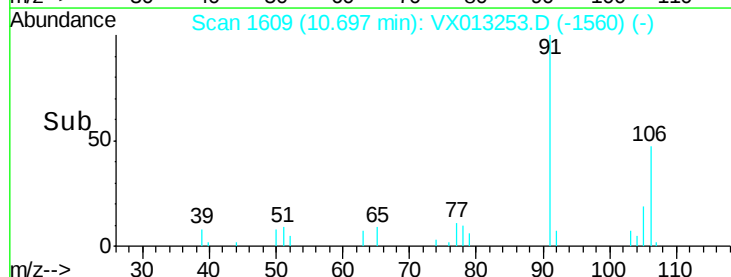
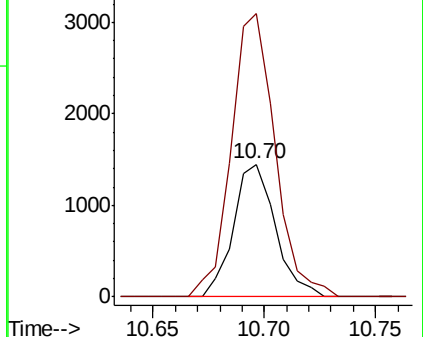
106 100

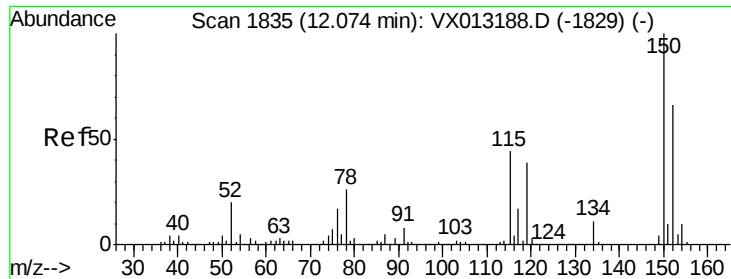
91 222.5 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013253.D

Acq: 28 Oct 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

W-2

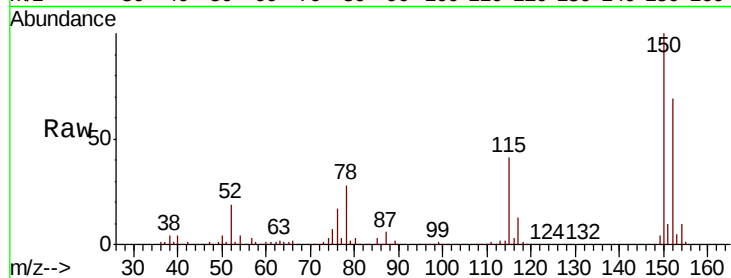
Tot Ion:152 Resp: 64006

Ion Ratio Lower Upper

152 100

115 64.2 46.6 139.8

150 161.5 0.0 354.0



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

