

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013230.D
 Acq On : 25 Oct 2019 14:54
 Operator : JC/SP
 Sample : K5546-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-102419

Quant Time: Oct 26 00:22:26 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

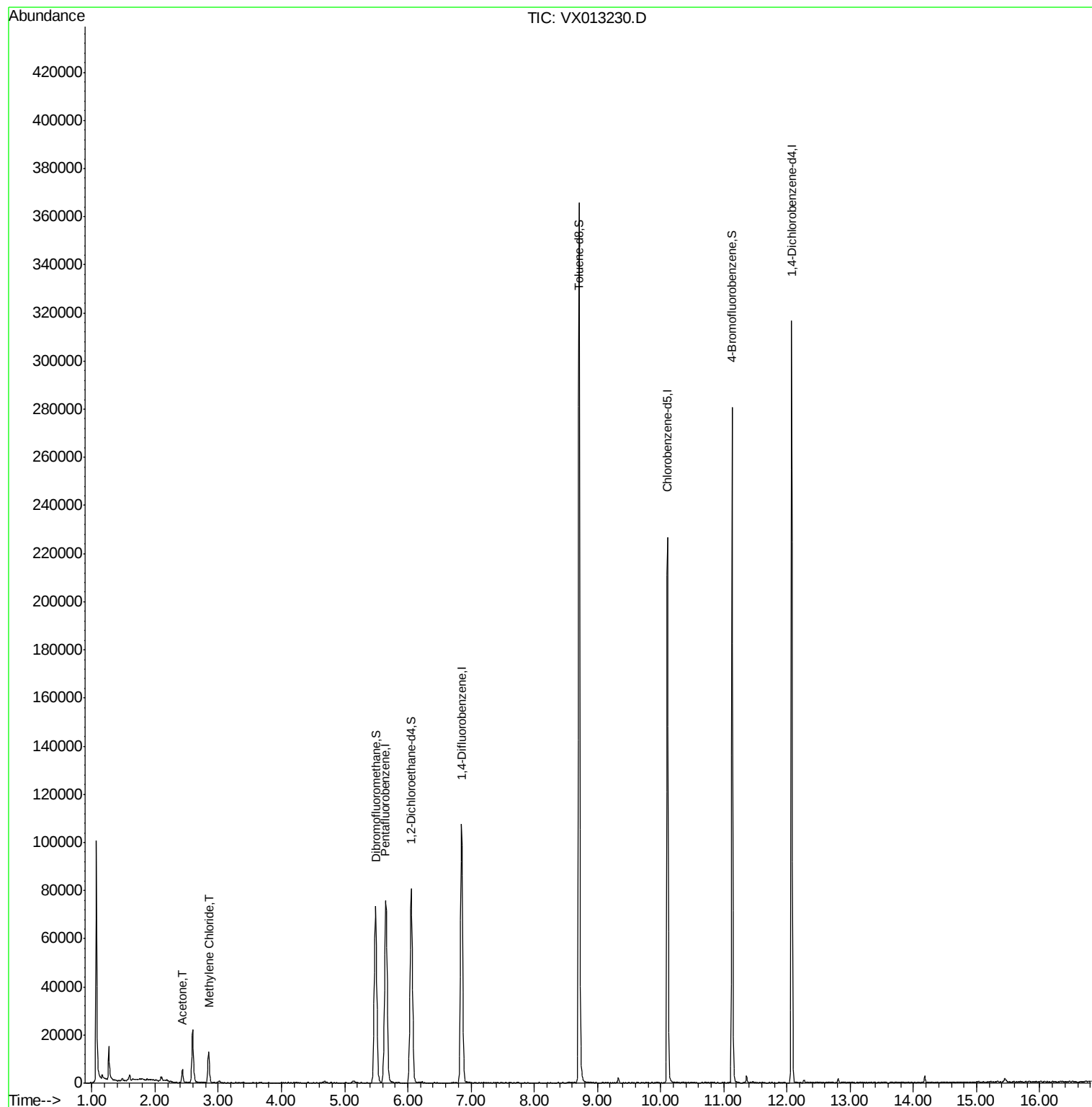
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	107671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	104111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	62310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	81817	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
35) Dibromofluoromethane	5.49	113	61874	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	8.71	98	220446	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	76924	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
Target Compounds						
16) Acetone	2.44	43	5229	7.501	ug/l	90
20) Methylene Chloride	2.84	84	6323	5.111	ug/l	94

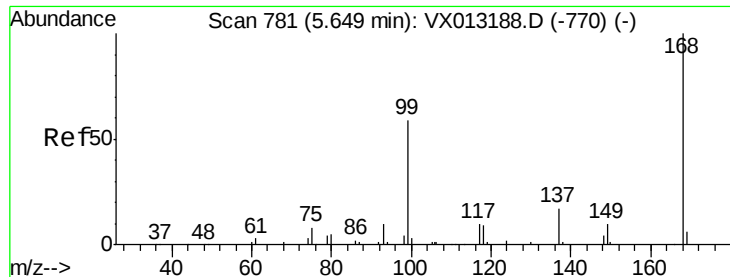
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. -0.00 min

Lab File: VX013230.D

Acq: 25 Oct 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

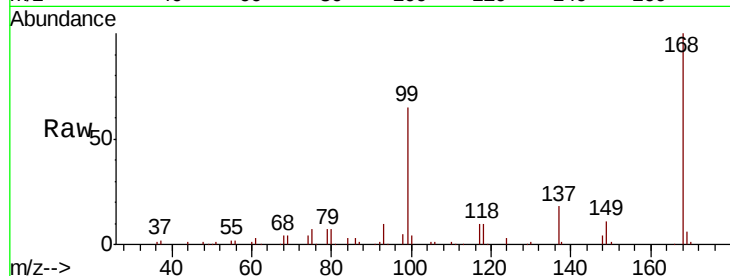
EB-01-102419

Tot Ion:168 Resp: 70743

Ion Ratio Lower Upper

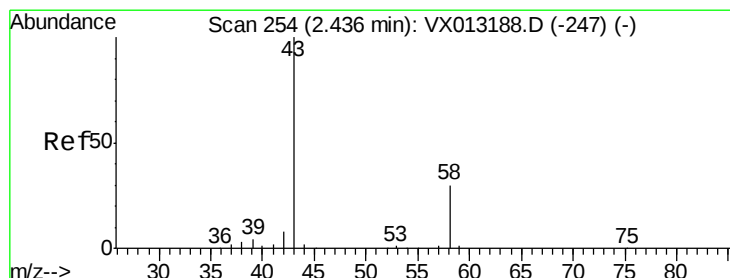
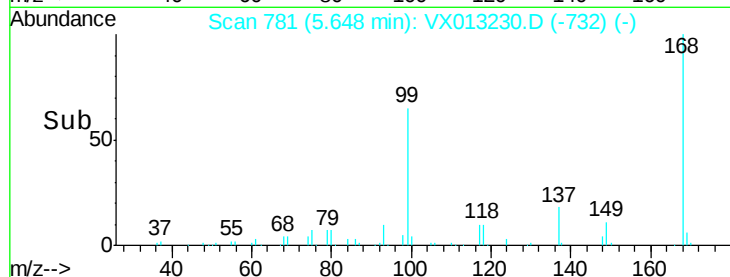
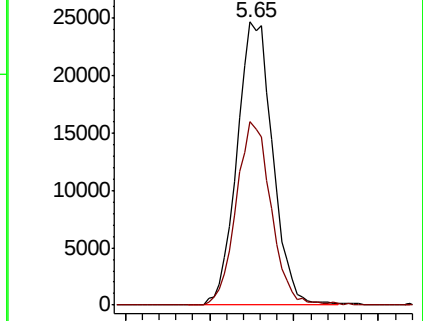
168 100

99 64.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.501 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013230.D

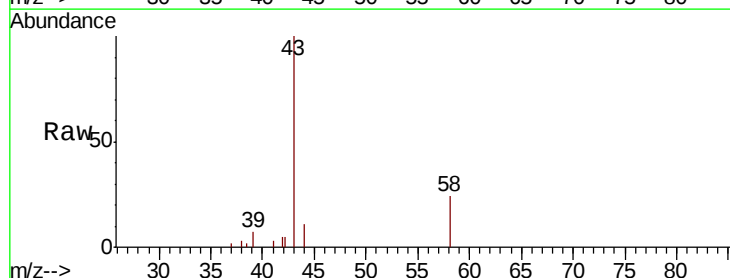
Acq: 25 Oct 2019 14:54

Tgt Ion: 43 Resp: 5229

Ion Ratio Lower Upper

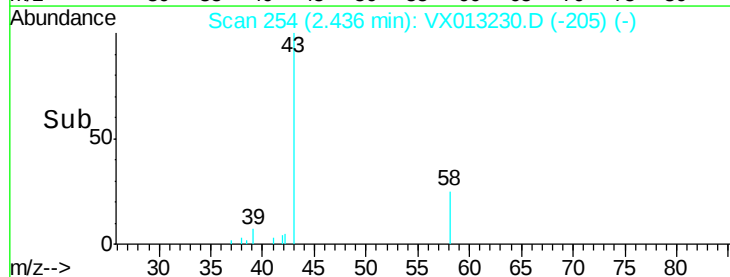
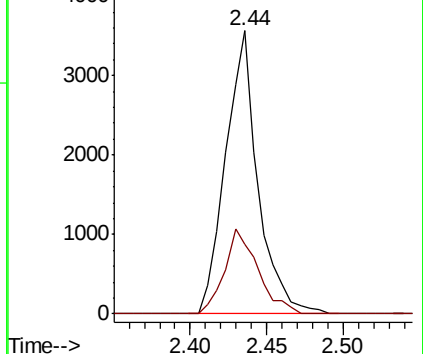
43 100

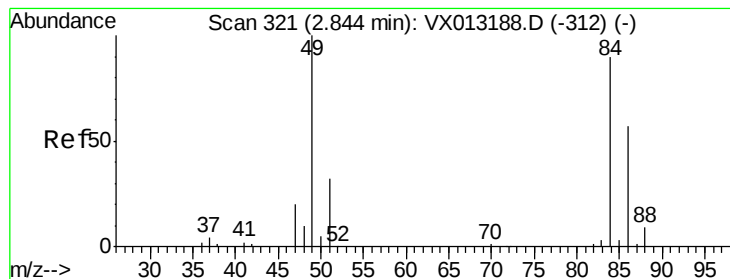
58 24.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 5.111 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX013230.D

Acq: 25 Oct 2019 14:54

Instrument :

MSVOA_X

ClientSampled :

EB-01-102419

Tot Ion: 84 Resp: 6323

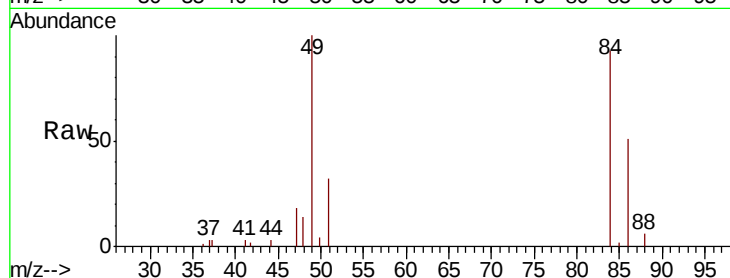
Ion Ratio Lower Upper

84 100

49 107.1 89.2 133.8

51 34.5 28.8 43.2

86 54.9 51.2 76.8

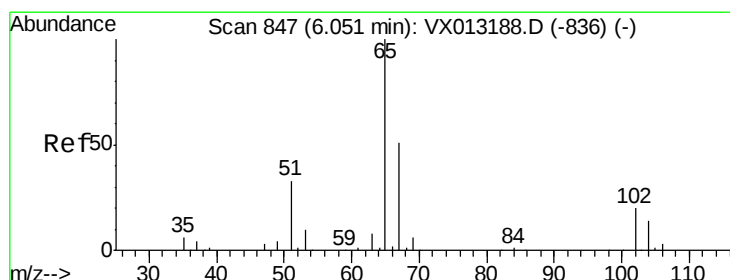
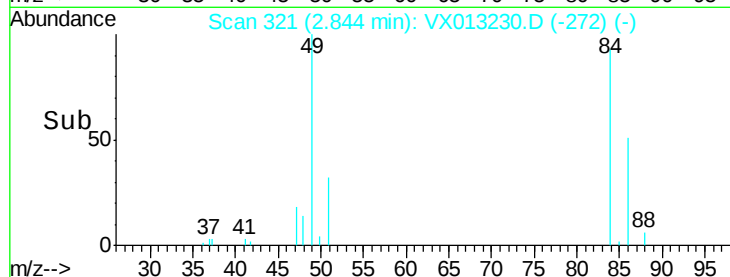
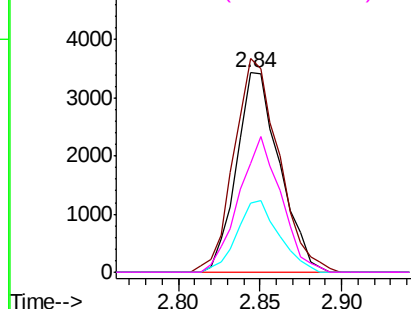


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.296 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013230.D

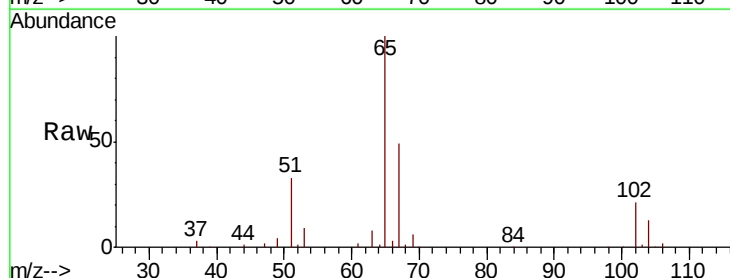
Acq: 25 Oct 2019 14:54

Tgt Ion: 65 Resp: 81817

Ion Ratio Lower Upper

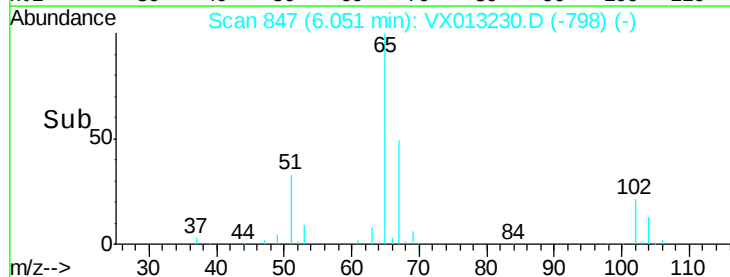
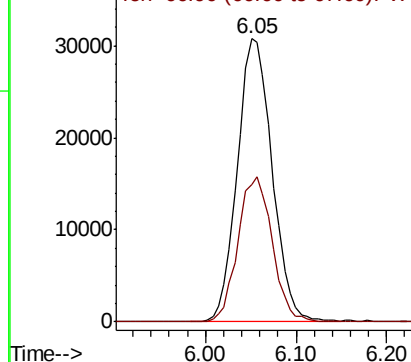
65 100

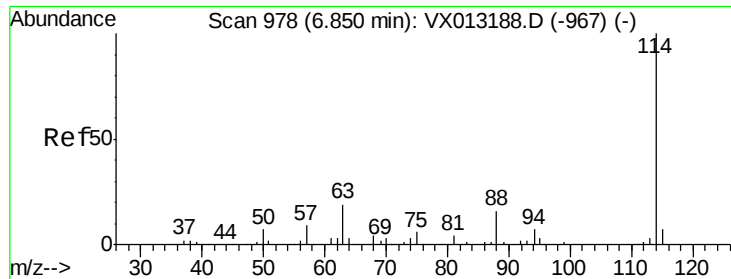
67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

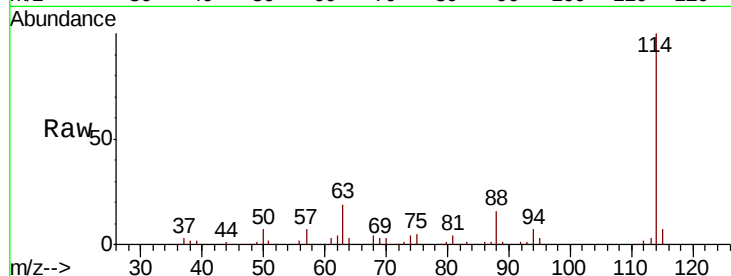




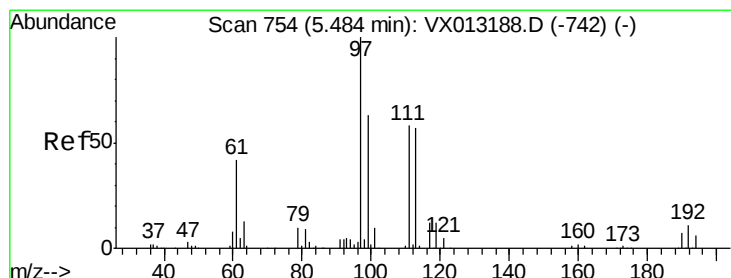
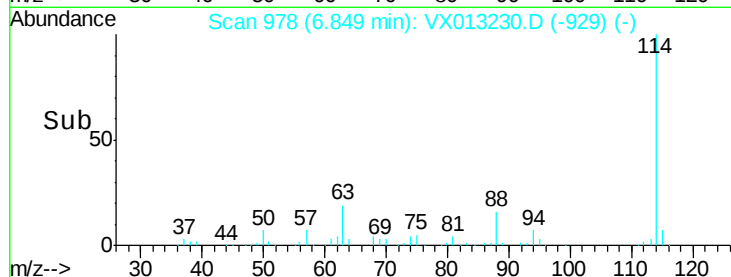
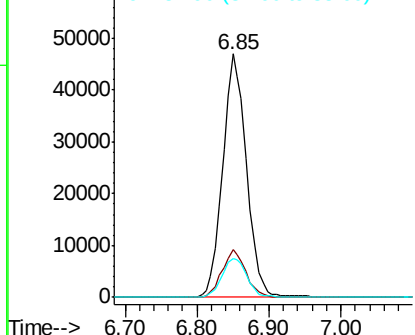
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013230.D
 Acq: 25 Oct 2019 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-102419

Tot Ion:114 Resp: 107671
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 16.1 0.0 32.0

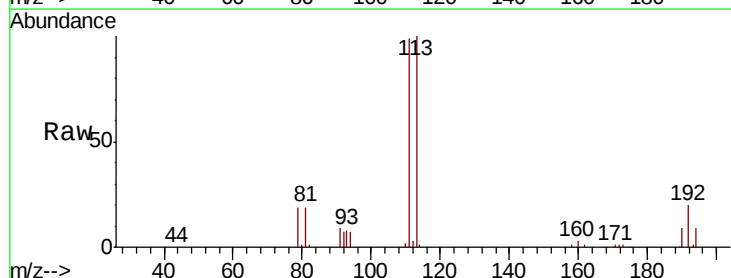


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

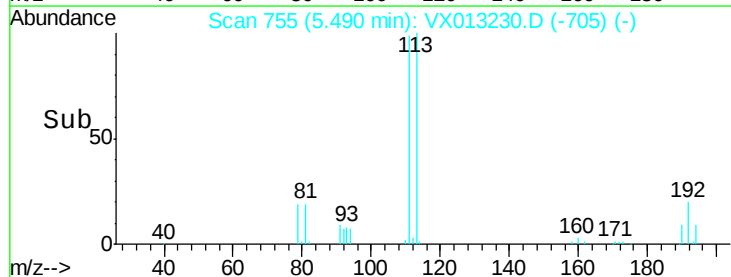
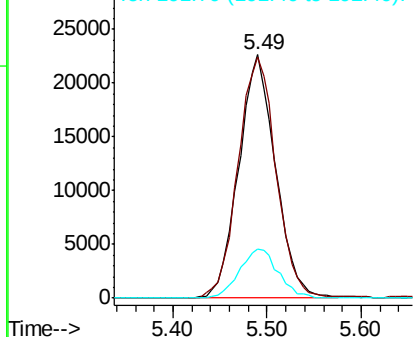


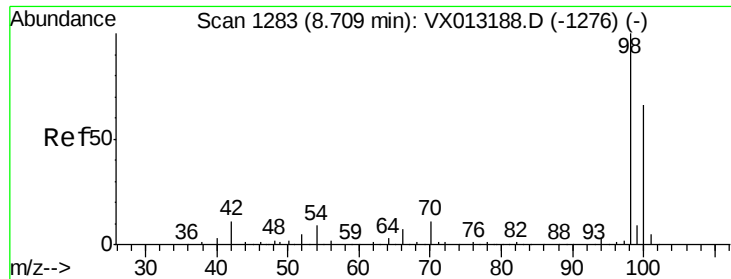
#35
 Dibromofluoromethane
 Concen: 51.532 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013230.D
 Acq: 25 Oct 2019 14:54

Tgt Ion:113 Resp: 61874
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.3 120.5
 192 21.1 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





#50

Toluene-d8

Concen: 49.543 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013230.D

Acq: 25 Oct 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

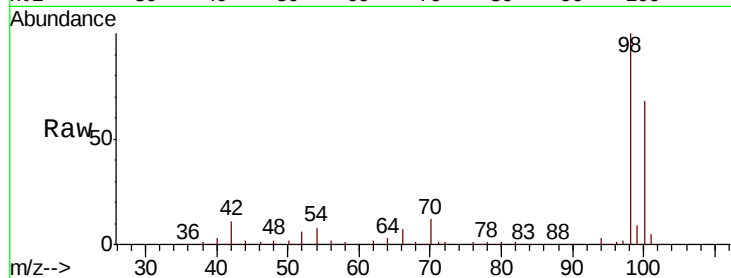
EB-01-102419

Tot Ion: 98 Resp: 220446

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

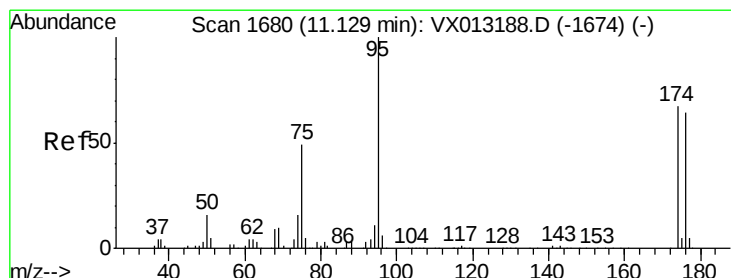
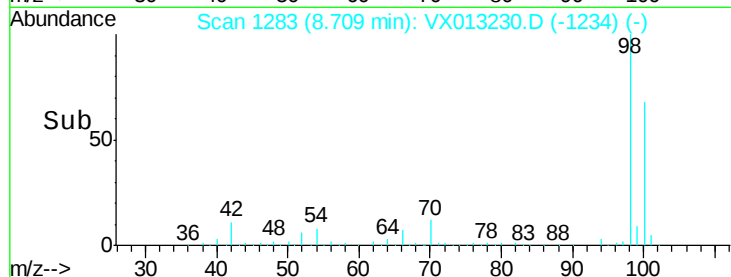
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.678 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013230.D

Acq: 25 Oct 2019 14:54

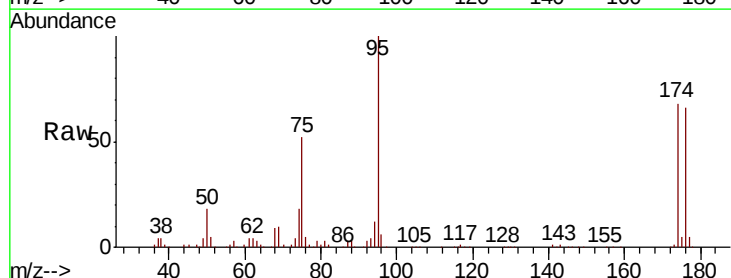
Tgt Ion: 95 Resp: 76924

Ion Ratio Lower Upper

95 100

174 81.8 0.0 152.4

176 75.2 0.0 146.0



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

80000

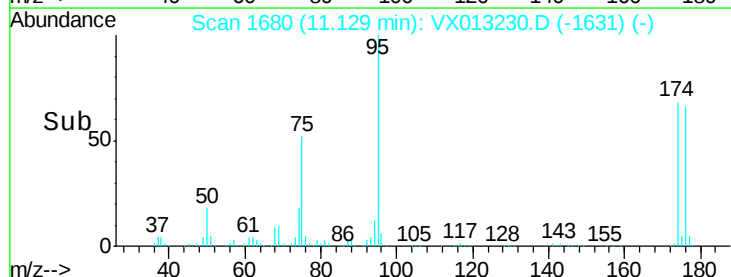
60000

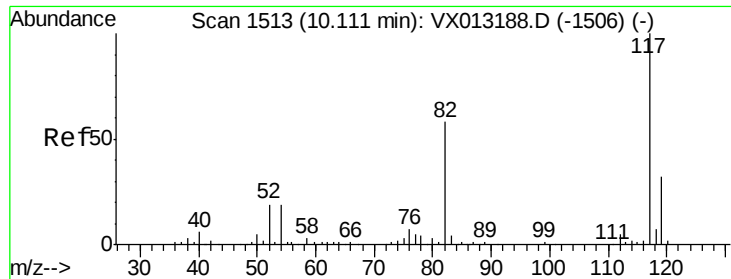
40000

20000

0

Time--> 11.10 11.20

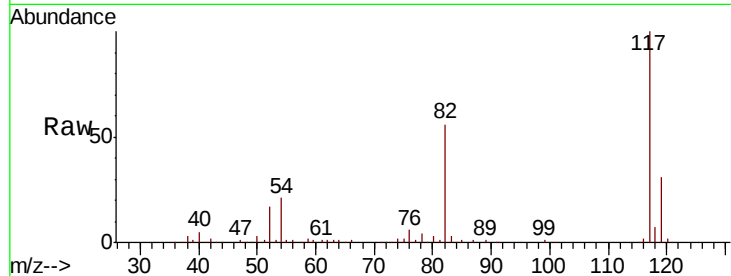




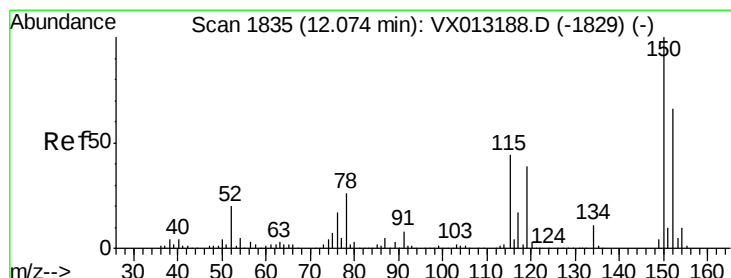
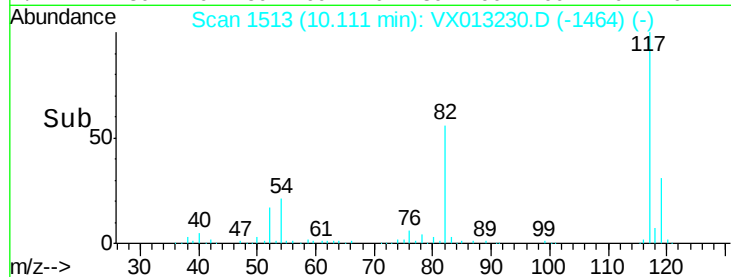
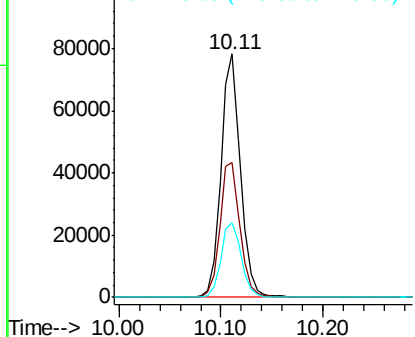
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013230.D
Acq: 25 Oct 2019 14:54

Instrument :
MSVOA_X
ClientSampled :
EB-01-102419

Tot Ion:117 Resp: 104111
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 30.9 25.2 37.8

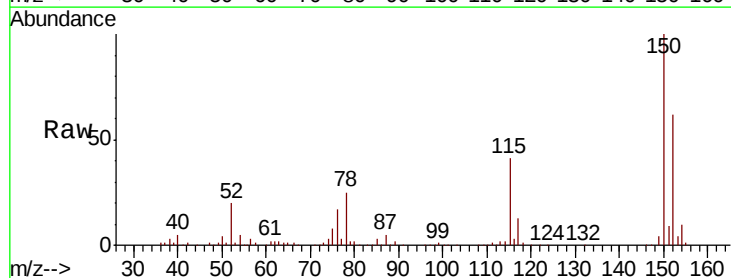


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013230.D
Acq: 25 Oct 2019 14:54

Tgt Ion:152 Resp: 62310
Ion Ratio Lower Upper
152 100
115 65.6 46.6 139.8
150 162.6 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

