

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012366.D
 Acq On : 13 Sep 2019 00:00
 Operator : SY/SP
 Sample : K4757-04
 Misc : 8.15g/5.0mL/MSVOA X/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A-4-8

Quant Time: Sep 13 03:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

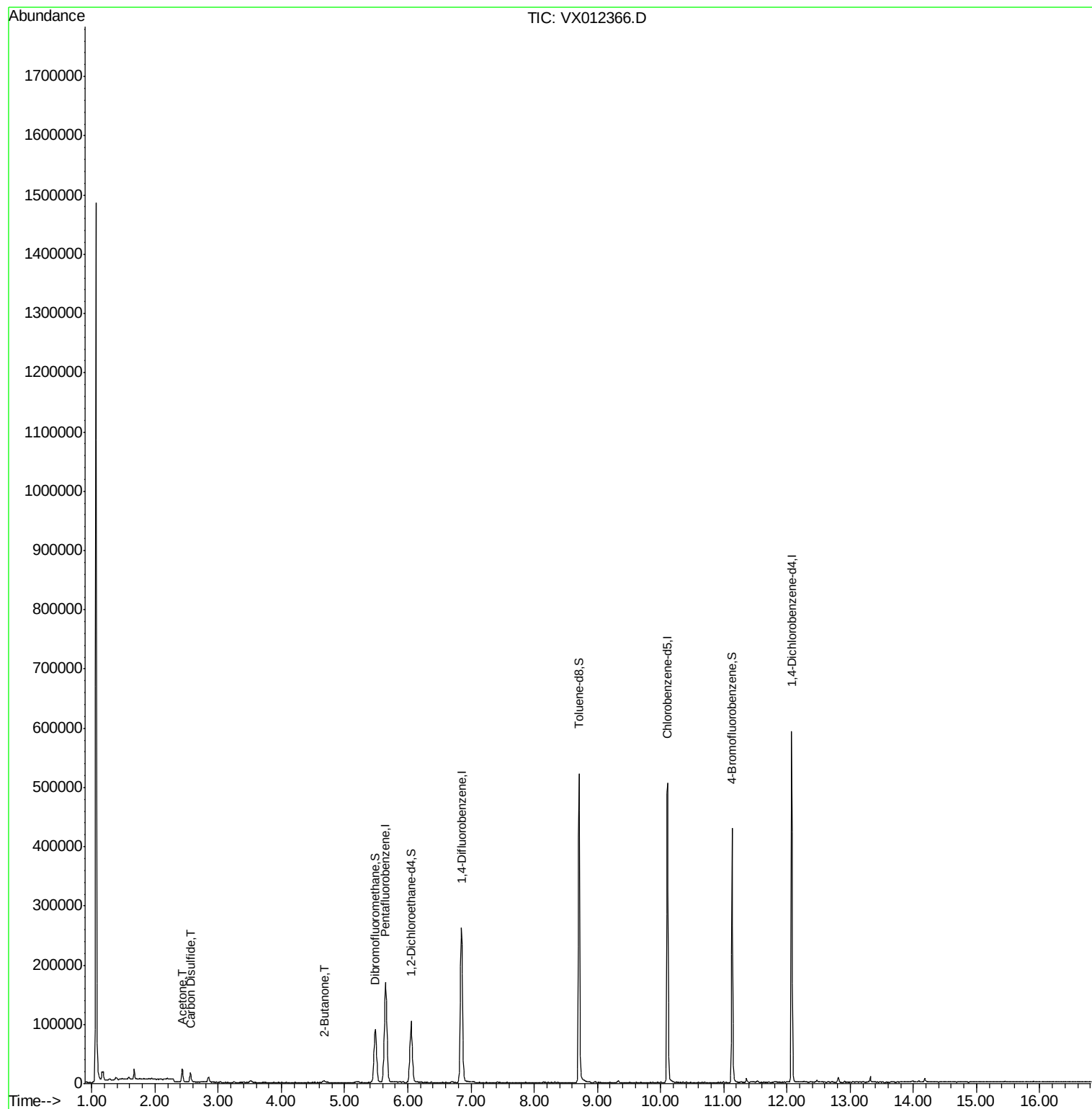
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	248319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102447	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	5.49	113	76394	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	298159	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	11.14	95	121082	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
Target Compounds						
16) Acetone	2.43	43	23994	49.587	ug/l	100
17) Carbon Disulfide	2.56	76	18619	8.105	ug/l	98
25) 2-Butanone	4.67	43	4315	6.976	ug/l	100

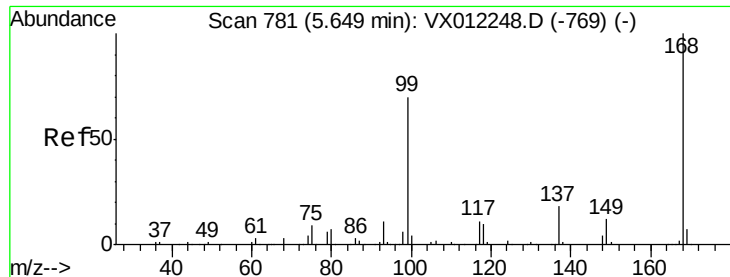
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 12:55:26 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: VX012366.D

Acq: 13 Sep 2019 00:00

Instrument :

MSVOA_X

ClientSampled :

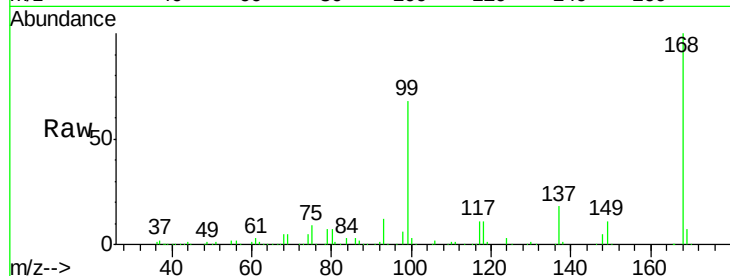
A-4-8

Tot Ion:168 Resp: 144576

Ion Ratio Lower Upper

168 100

99 68.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

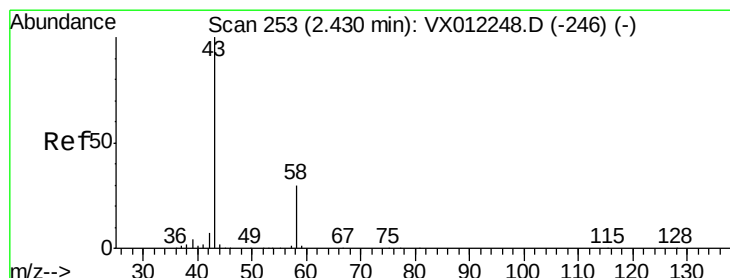
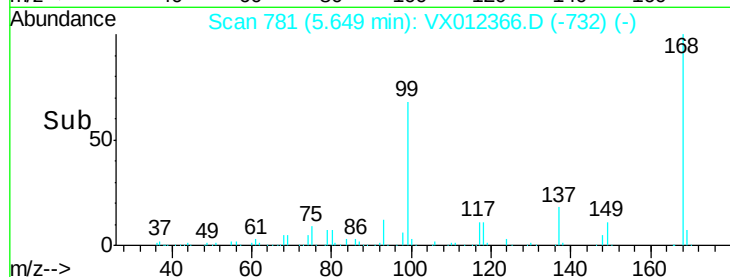
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 49.587 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012366.D

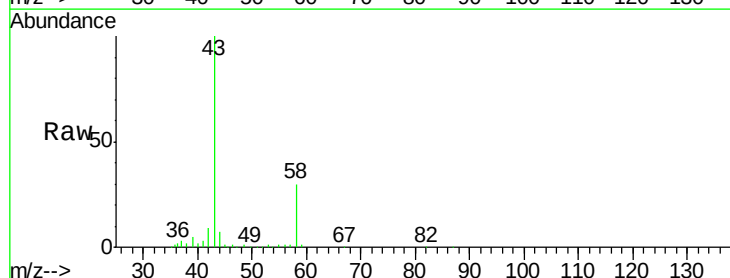
Acq: 13 Sep 2019 00:00

Tgt Ion: 43 Resp: 23994

Ion Ratio Lower Upper

43 100

58 29.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

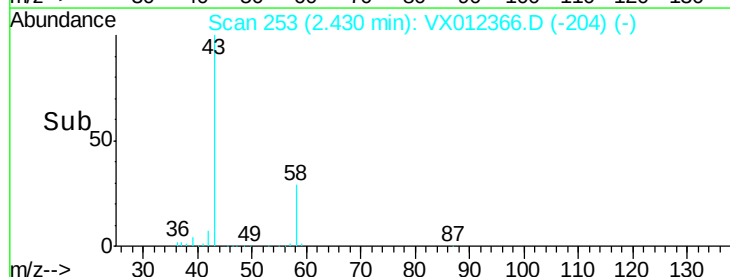
15000

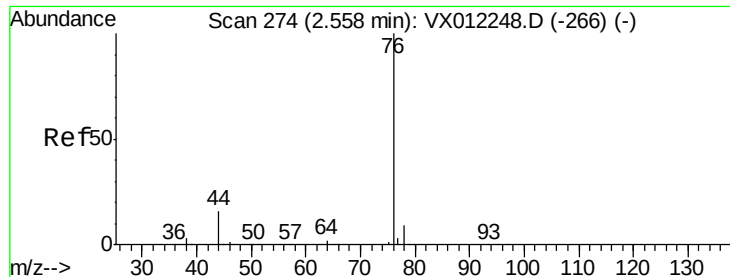
10000

5000

0

Time--> 2.40 2.50





#17

Carbon Disulfide

Concen: 8.105 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012366.D

Acq: 13 Sep 2019 00:00

Instrument :

MSVOA_X

ClientSampleId :

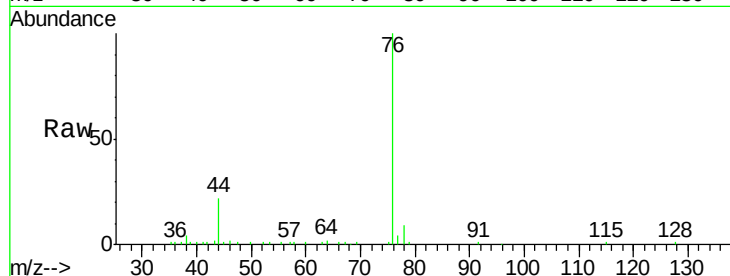
A-4-8

Tot Ion: 76 Resp: 18619

Ion Ratio Lower Upper

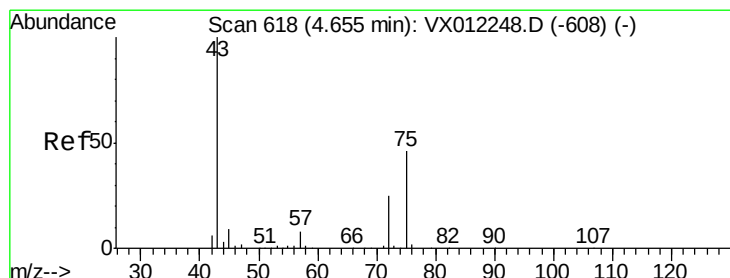
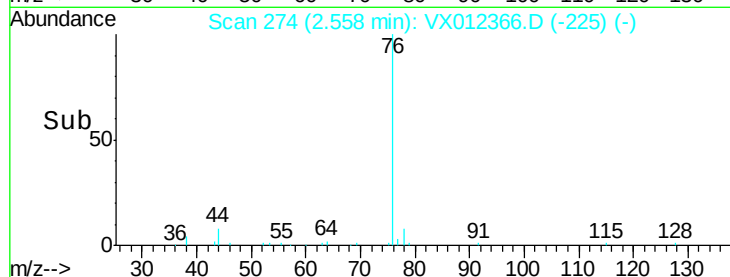
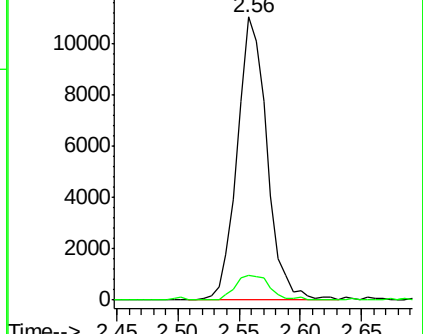
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 6.976 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX012366.D

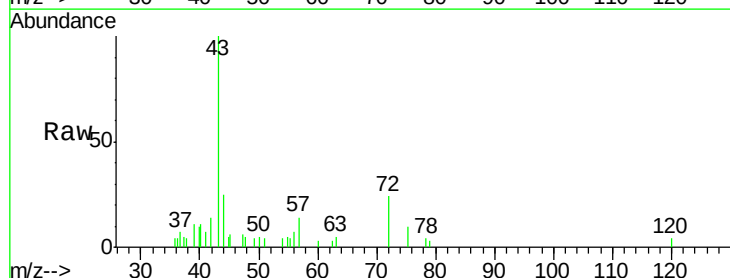
Acq: 13 Sep 2019 00:00

Tgt Ion: 43 Resp: 4315

Ion Ratio Lower Upper

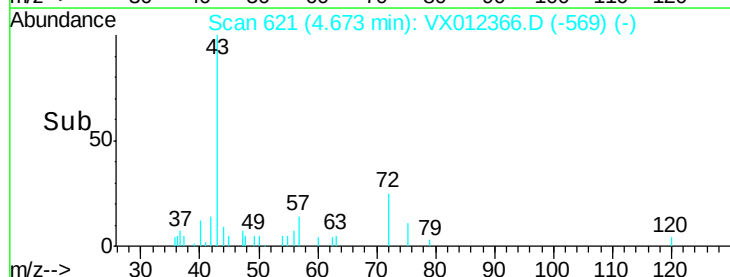
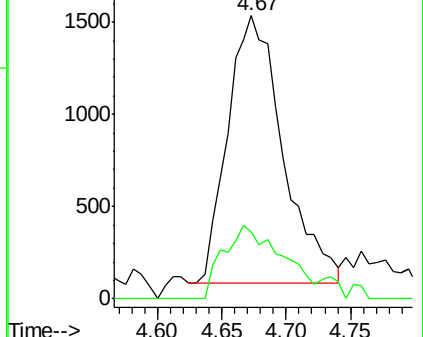
43 100

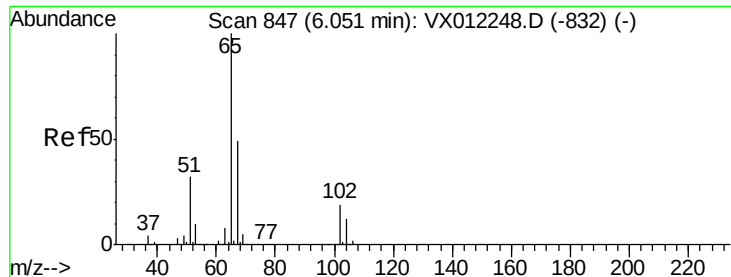
72 25.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

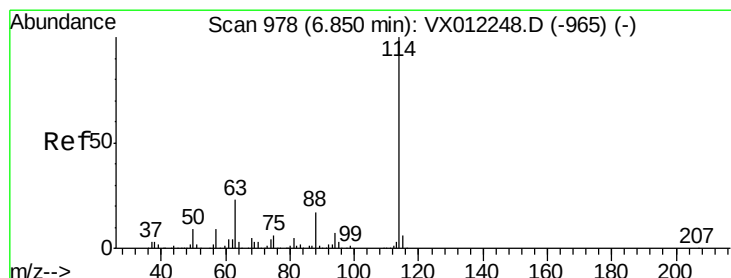
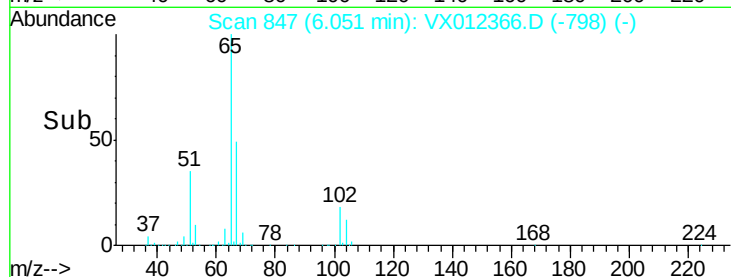
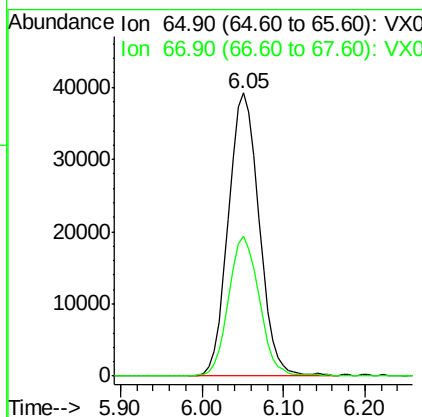
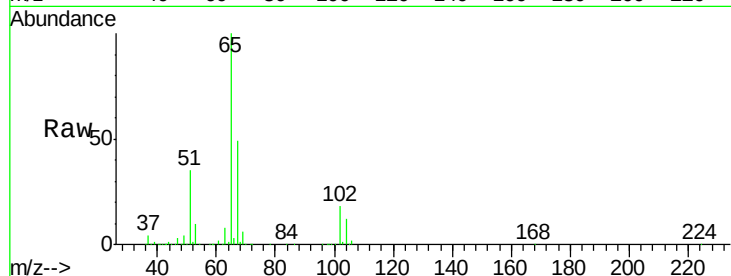




#33
 1,2-Dichloroethane-d4
 Concen: 50.120 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012366.D
 Acq: 13 Sep 2019 00:00

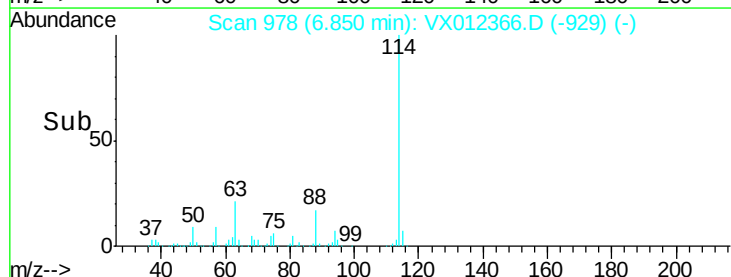
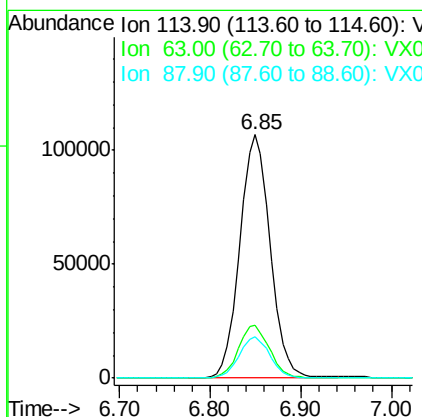
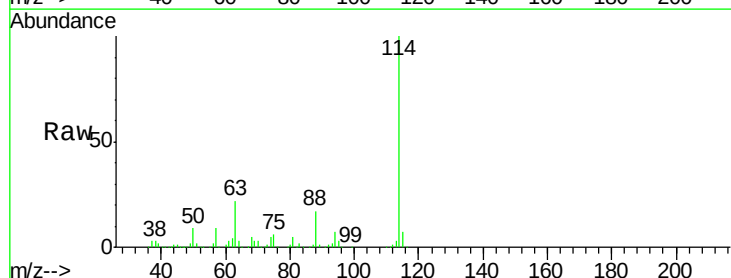
Instrument :
 MSVOA_X
 ClientSampleId :
 A-4-8

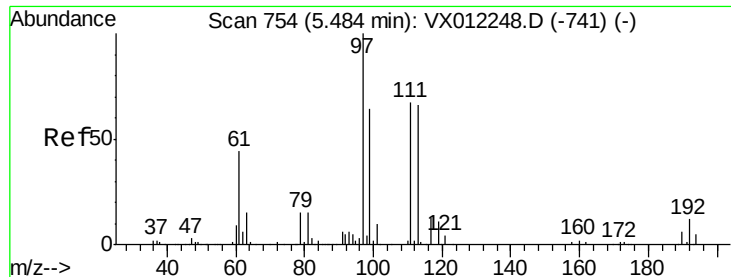
Tot Ion: 65 Resp: 102447
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012366.D
 Acq: 13 Sep 2019 00:00

Tgt Ion: 114 Resp: 248319
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.2
 88 17.2 0.0 34.8

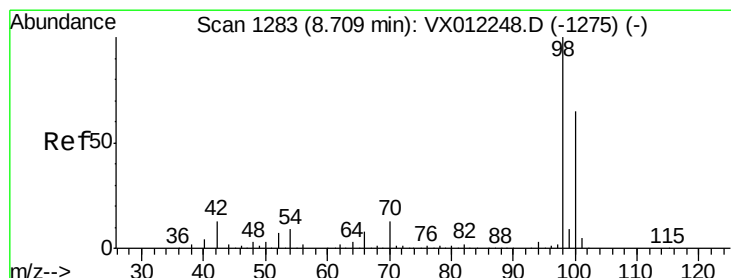
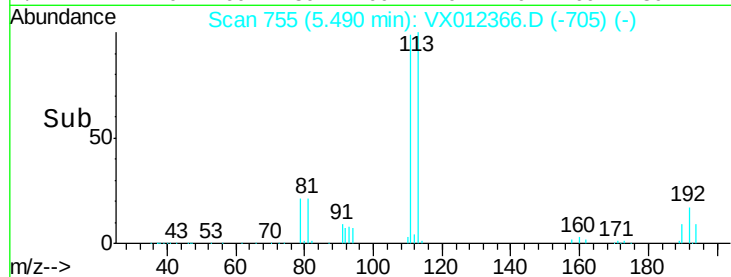
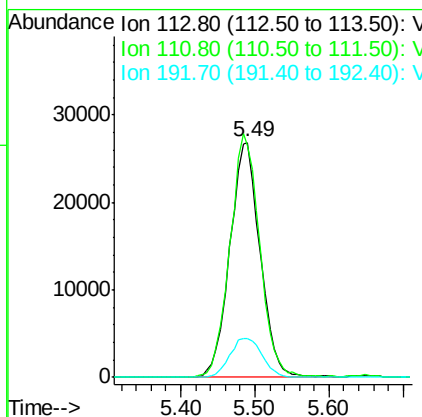
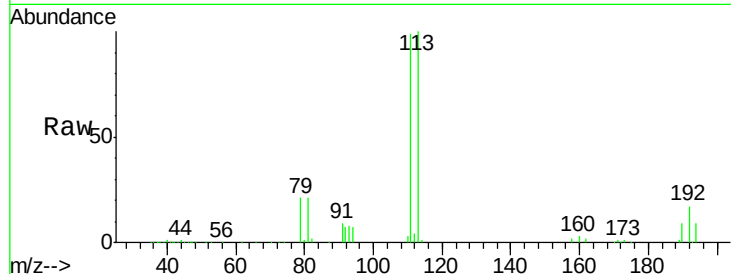




#35
 Dibromofluoromethane
 Concen: 47.991 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX012366.D
 Acq: 13 Sep 2019 00:00

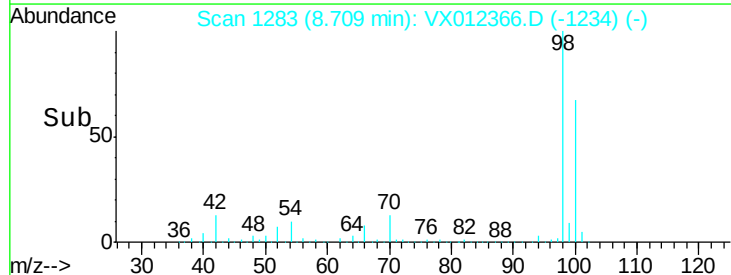
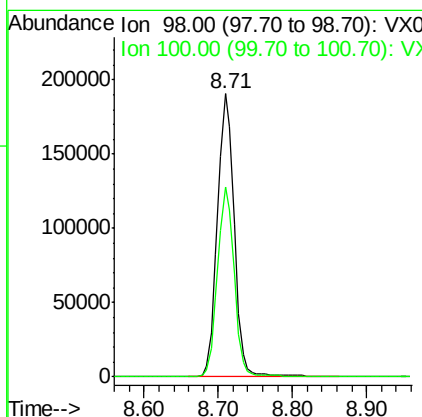
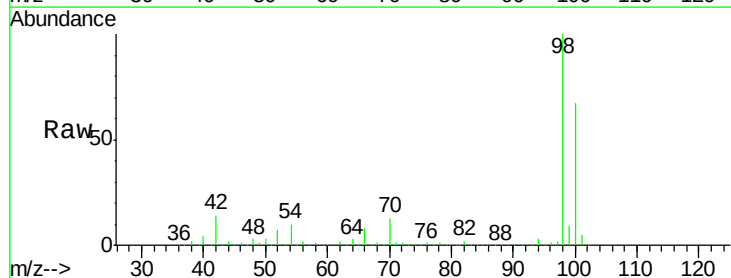
Instrument :
 MSVOA_X
 ClientSampleId :
 A-4-8

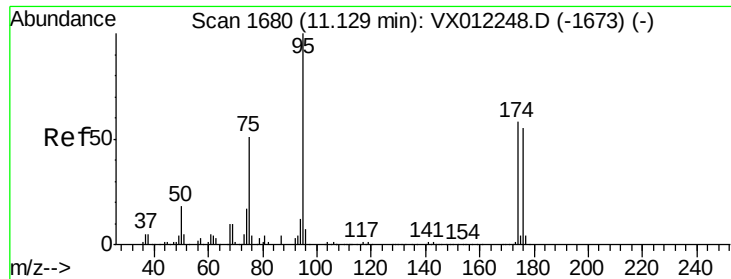
Tot Ion:113 Resp: 76394
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.6
 192 17.9 14.3 21.5



#50
 Toluene-d8
 Concen: 53.404 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012366.D
 Acq: 13 Sep 2019 00:00

Tgt Ion: 98 Resp: 298159
 Ion Ratio Lower Upper
 98 100
 100 66.4 54.1 81.1

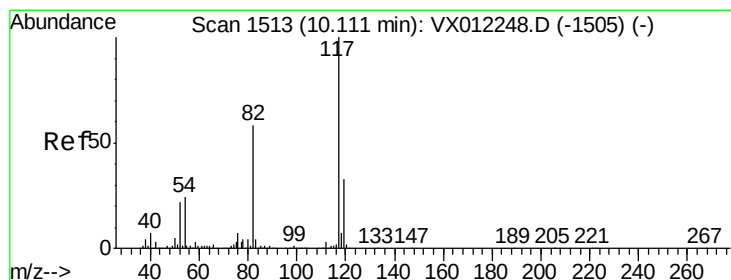
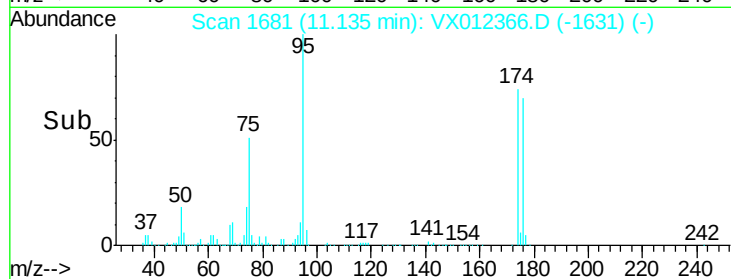
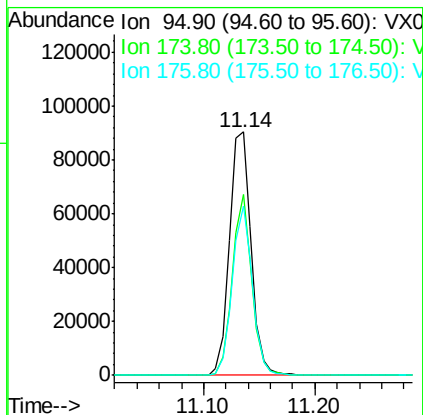
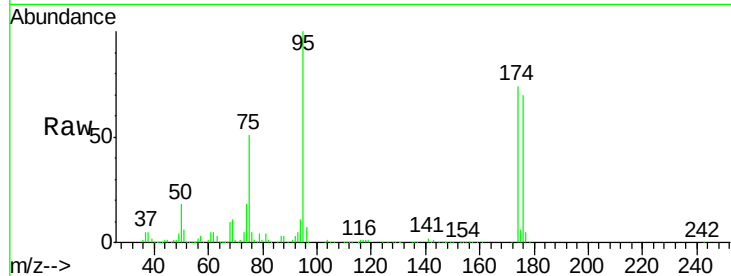




#62
 4-Bromofluorobenzene
 Concen: 46.780 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012366.D
 Acq: 13 Sep 2019 00:00

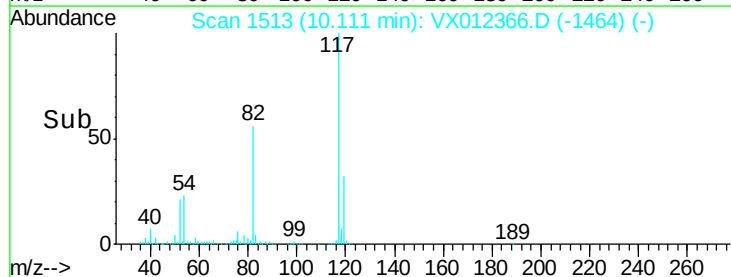
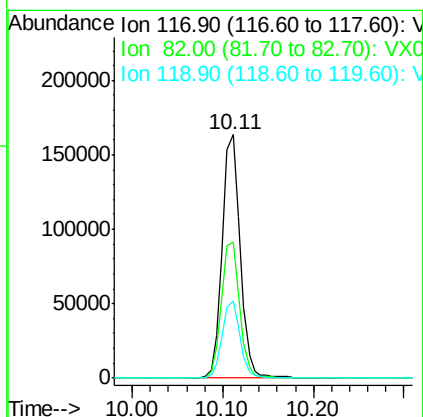
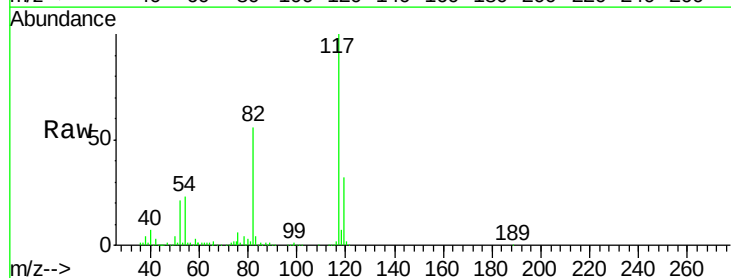
Instrument :
 MSVOA_X
 ClientSampleId :
 A-4-8

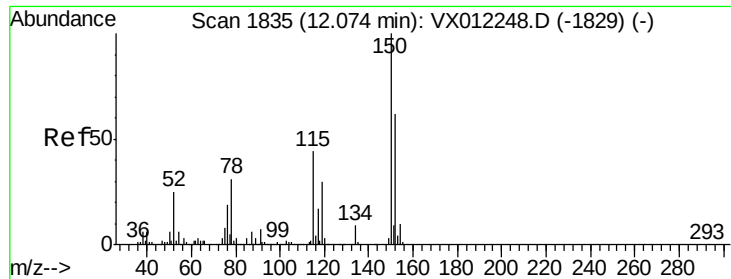
Tot Ion: 95 Resp: 121082
 Ion Ratio Lower Upper
 95 100
 174 66.7 0.0 127.0
 176 64.9 0.0 125.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VX012366.D
 Acq: 13 Sep 2019 00:00

Tgt Ion: 117 Resp: 227674
 Ion Ratio Lower Upper
 117 100
 82 55.9 46.4 69.6
 119 32.0 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012366.D

Acq: 13 Sep 2019 00:00

Instrument :

MSVOA_X

ClientSampleId :

A-4-8

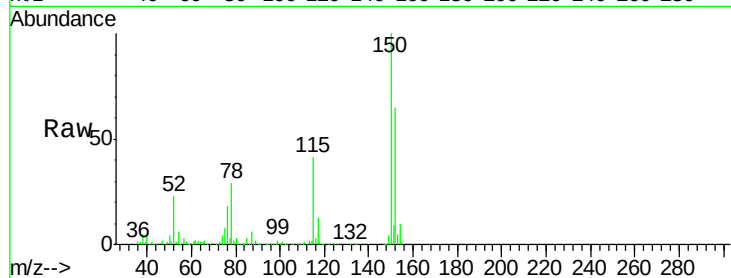
Tot Ion:152 Resp: 108003

Ion Ratio Lower Upper

152 100

115 64.9 45.5 136.4

150 158.9 0.0 346.4



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

