

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013024.D
 Acq On : 11 Oct 2019 18:17
 Operator : JC/SP
 Sample : K5312-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0560

Quant Time: Oct 12 01:10:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

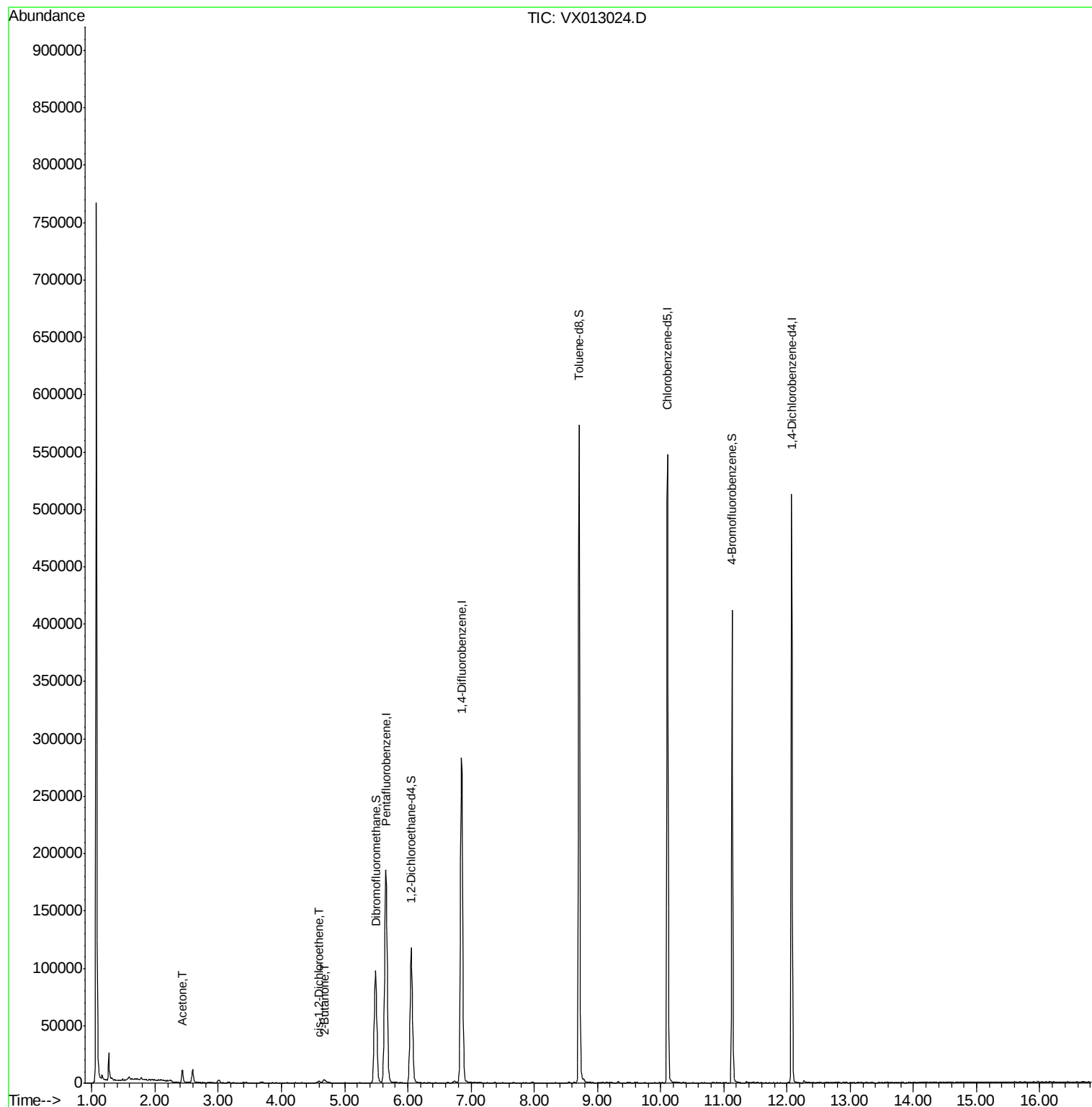
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112546	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	5.49	113	85041	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	8.71	98	338759	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.14	95	117957	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
16) Acetone	2.44	43	11404	9.911	ug/l	99
25) 2-Butanone	4.67	43	2852	1.787	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	868	0.398	ug/l	91

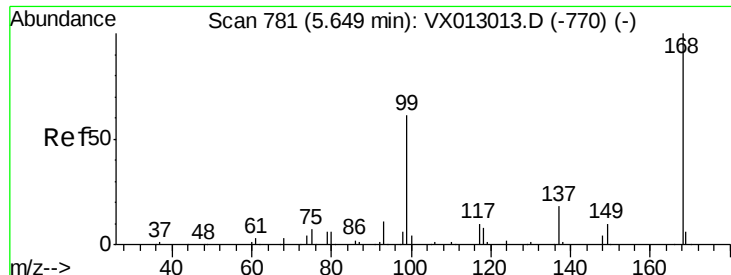
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

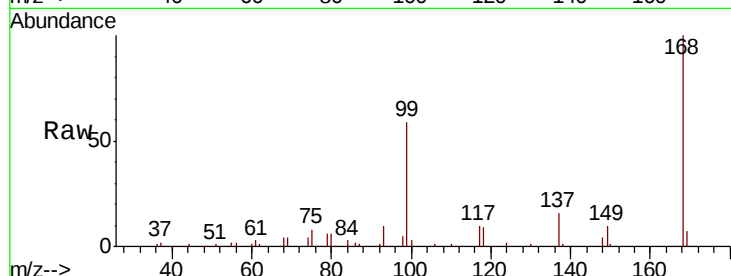
S49-0560

Tot Ion:168 Resp: 174648

Ion Ratio Lower Upper

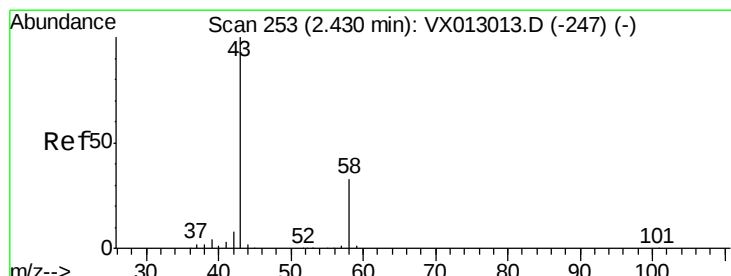
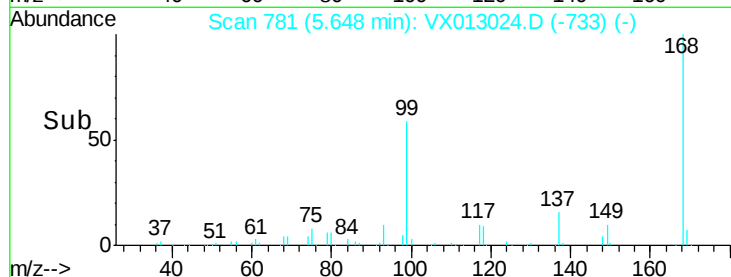
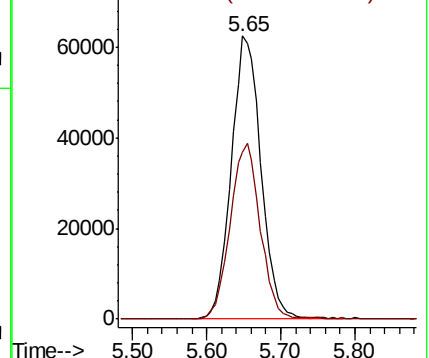
168 100

99 58.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.911 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013024.D

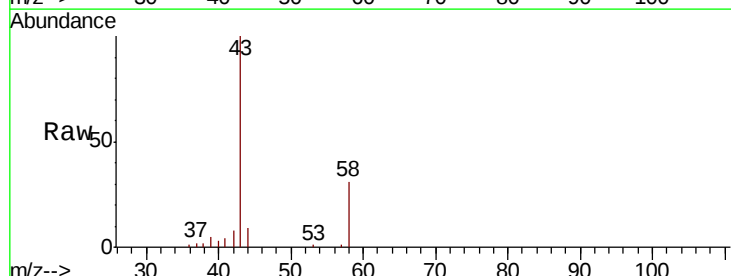
Acq: 11 Oct 2019 18:17

Tgt Ion: 43 Resp: 11404

Ion Ratio Lower Upper

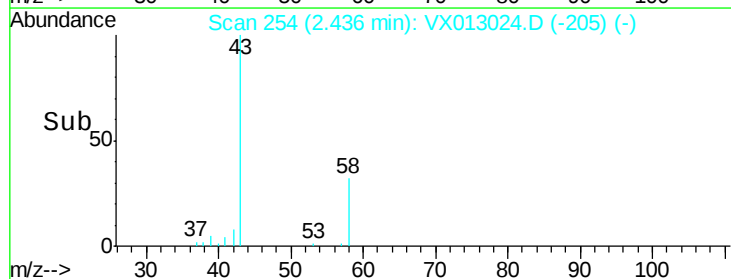
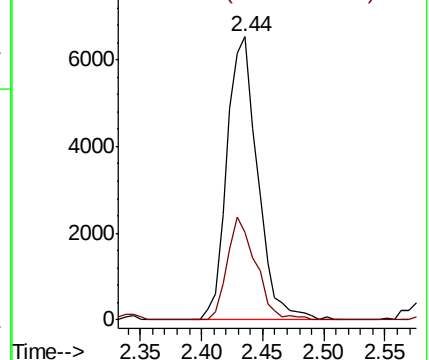
43 100

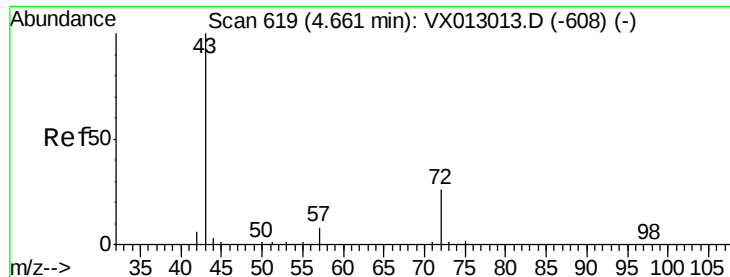
58 31.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 1.787 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

Instrument :

MSVOA_X

ClientSampled :

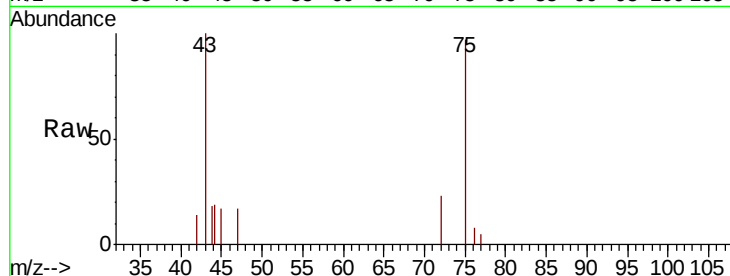
S49-0560

Tot Ion: 43 Resp: 2852

Ion Ratio Lower Upper

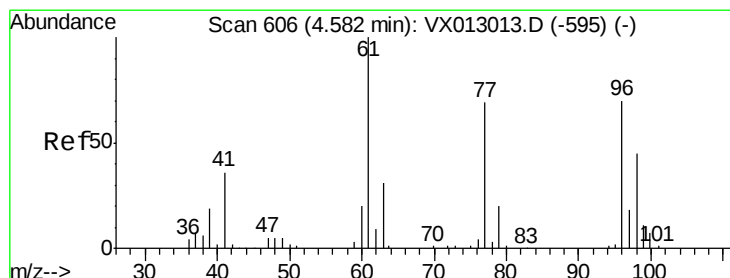
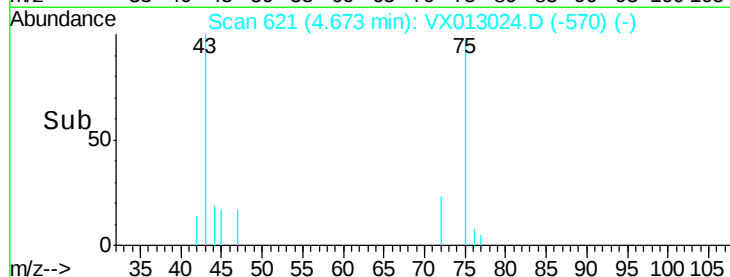
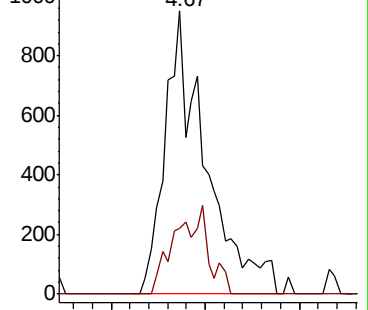
43 100

72 23.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.398 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

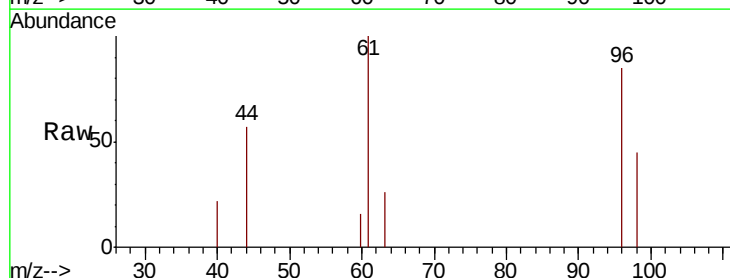
Tgt Ion: 96 Resp: 868

Ion Ratio Lower Upper

96 100

61 161.5 0.0 290.6

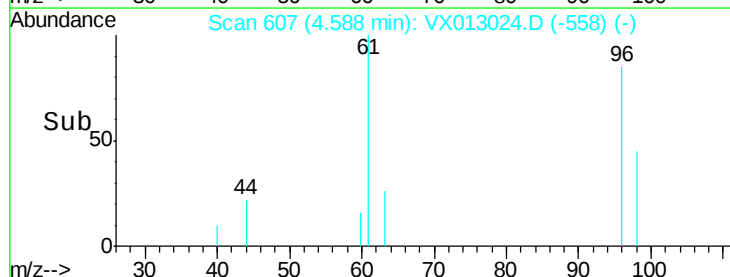
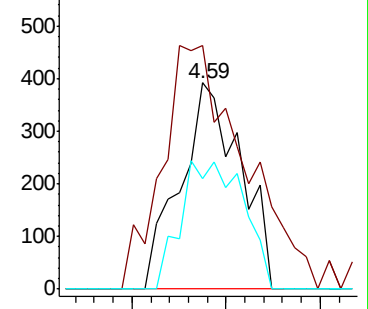
98 64.6 0.0 128.8

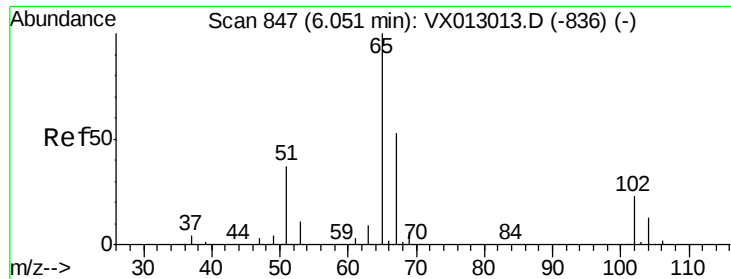


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.559 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

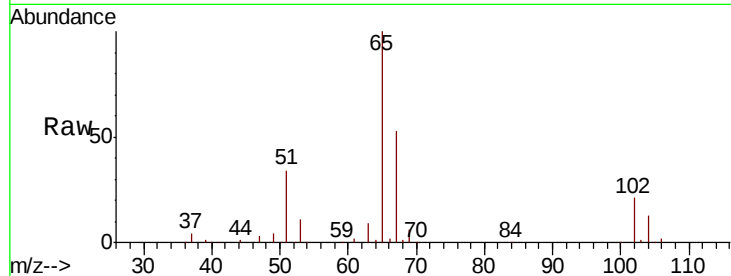
S49-0560

Tot Ion: 65 Resp: 112546

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

20000

10000

0

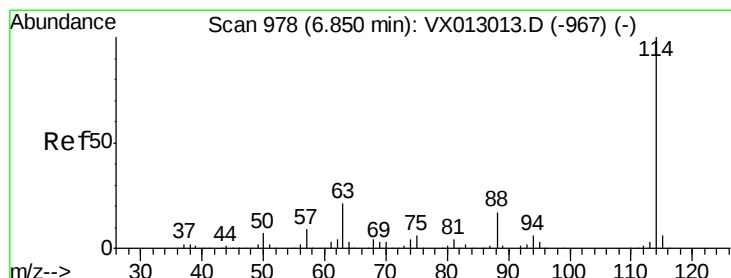
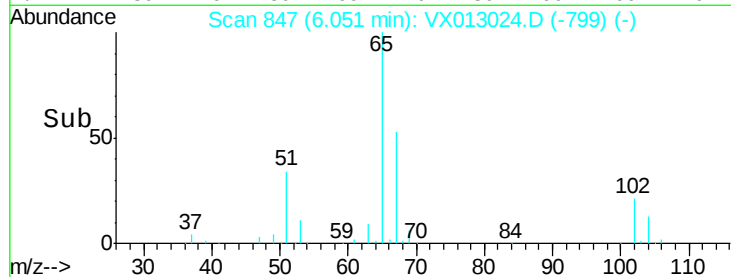
Time-->

5.90

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

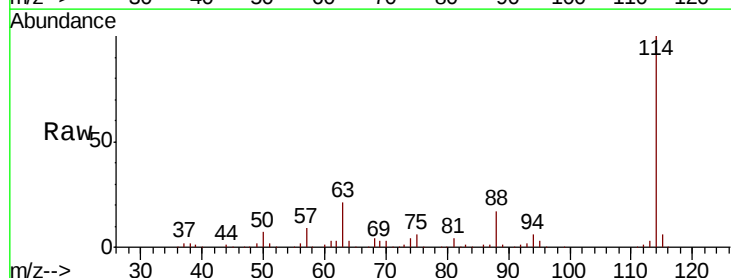
Tgt Ion: 114 Resp: 289986

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.9 0.0 33.8



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

6.85

150000

100000

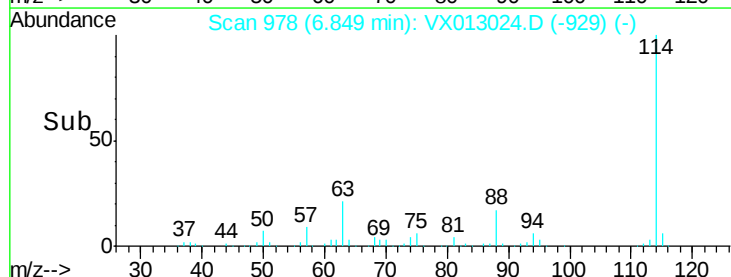
50000

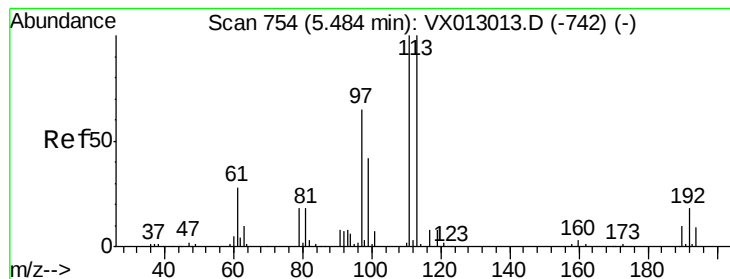
0

Time-->

6.80

6.90





#35

Dibromofluoromethane

Concen: 51.095 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

S49-0560

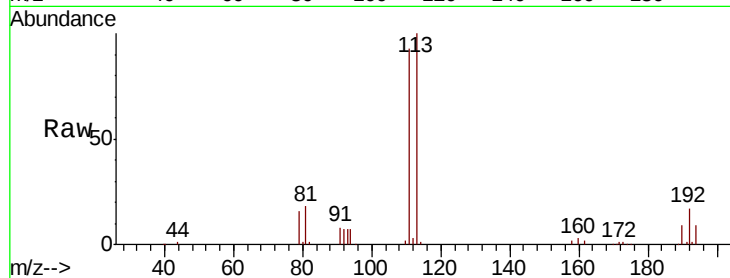
Tot Ion:113 Resp: 85041

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

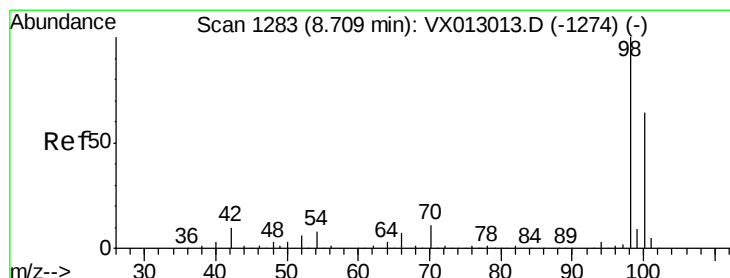
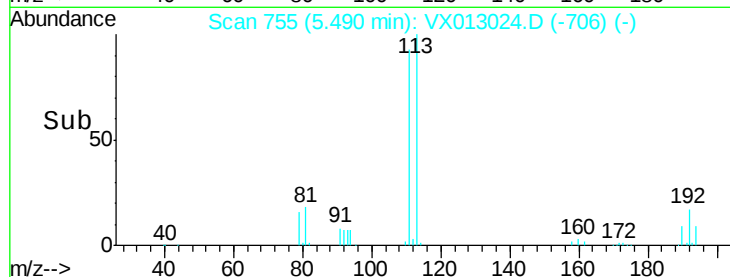
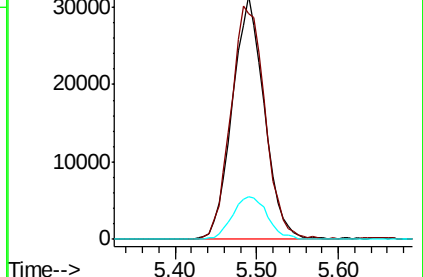
192 19.2 15.4 23.2



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: 52.186 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013024.D

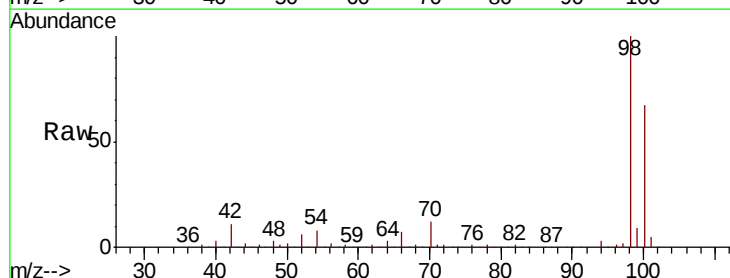
Acq: 11 Oct 2019 18:17

Tgt Ion: 98 Resp: 338759

Ion Ratio Lower Upper

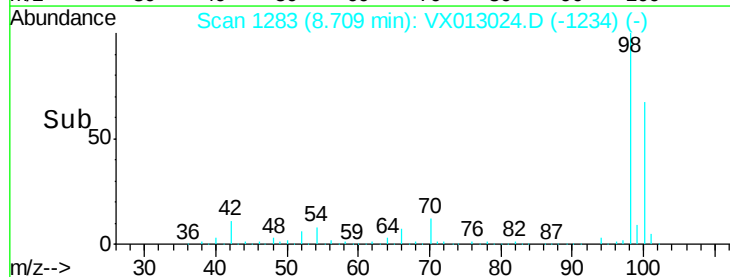
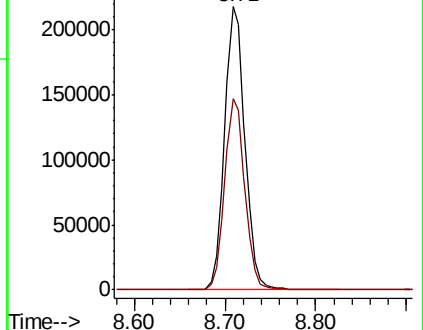
98 100

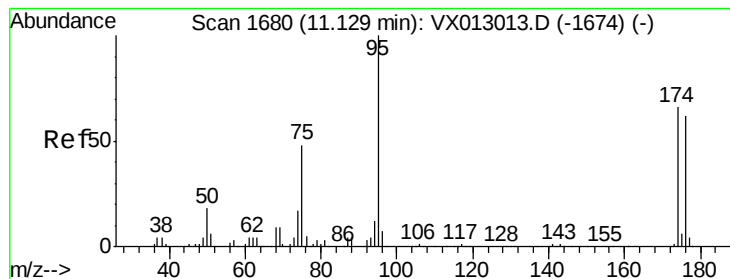
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.766 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

S49-0560

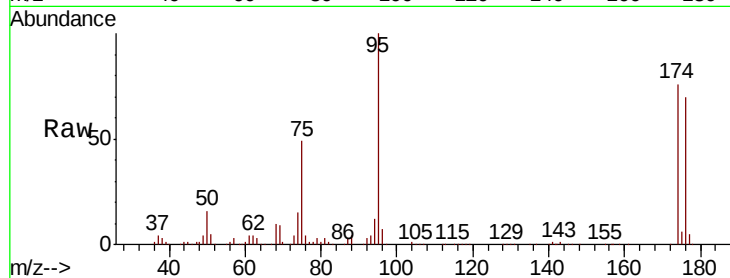
Tot Ion: 95 Resp: 117957

Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

176 69.0 0.0 136.0

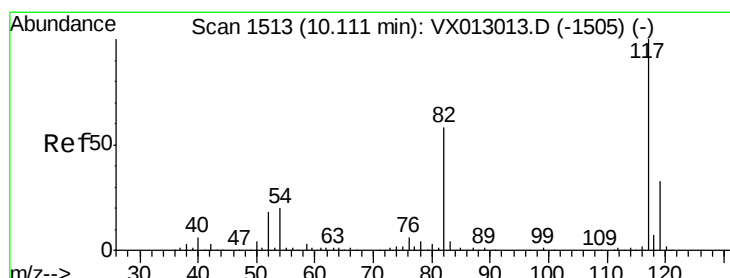
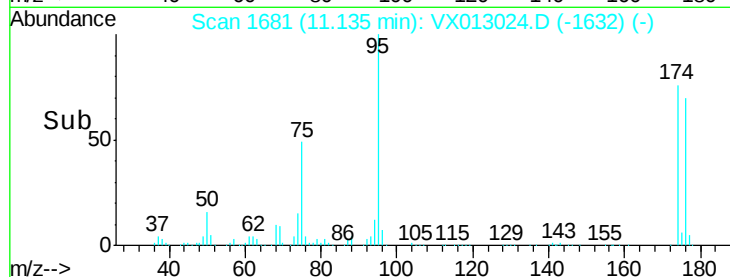


Abundance Ion 94.90 (94.60 to 95.60): VX013013.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013013.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013013.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

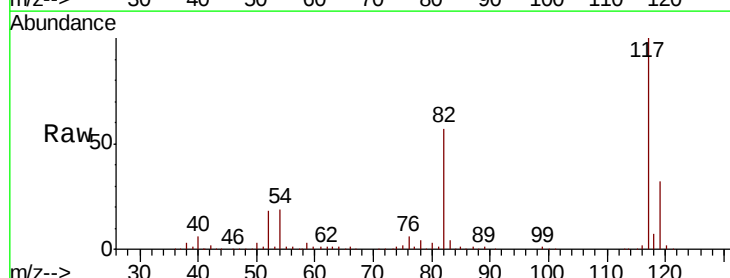
Tgt Ion: 117 Resp: 249717

Ion Ratio Lower Upper

117 100

82 57.3 44.1 66.1

119 31.8 25.8 38.8

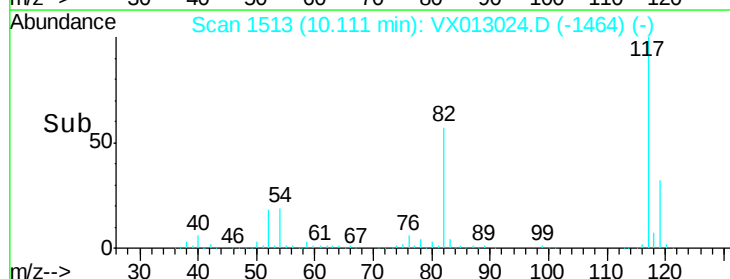


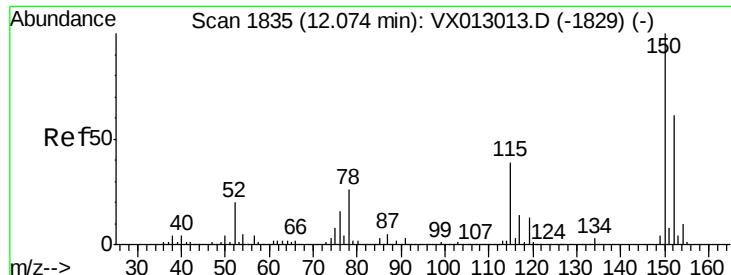
Abundance Ion 116.90 (116.60 to 117.60): VX013013.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013013.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013013.D (-1505) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013024.D

Acq: 11 Oct 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

S49-0560

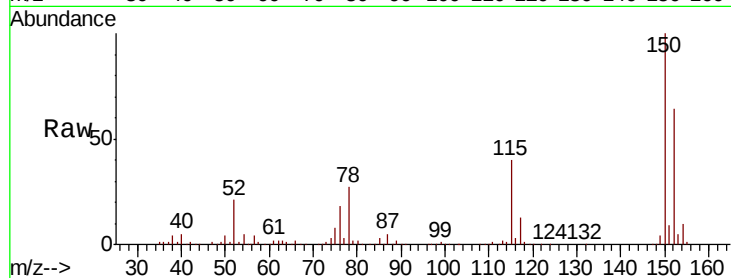
Tot Ion:152 Resp: 101844

Ion Ratio Lower Upper

152 100

115 63.3 44.5 133.5

150 154.8 0.0 353.4



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

