

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013196.D
 Acq On : 23 Oct 2019 18:55
 Operator : JC/SP
 Sample : K5451-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0542

Quant Time: Oct 24 04:22:42 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

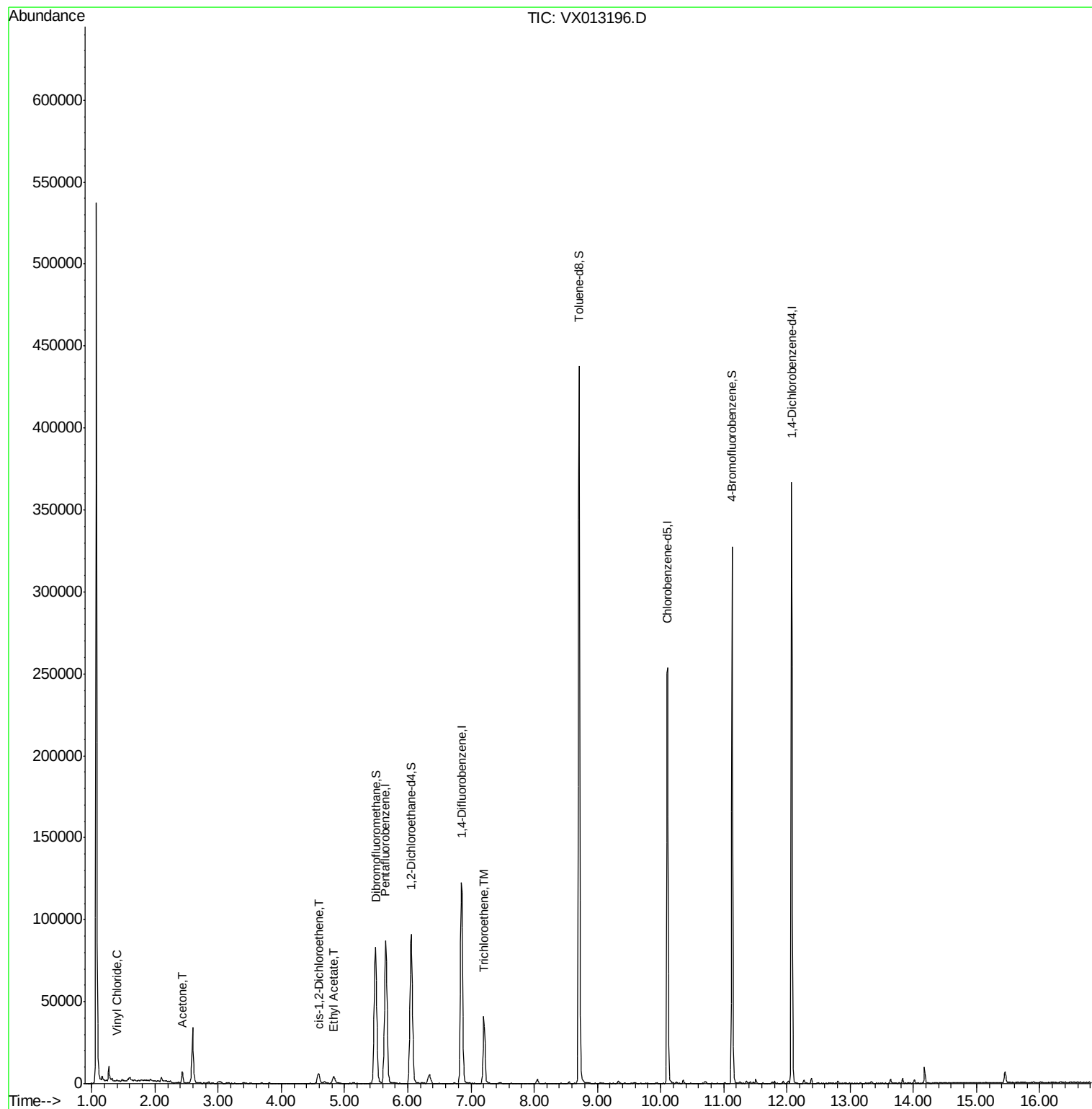
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	83109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	124235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	120485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	74938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93387	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	5.49	113	71068	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
50) Toluene-d8	8.71	98	261834	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.14	95	93334	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	590	0.391	ug/l #	76
16) Acetone	2.44	43	6967	8.507	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	4074	2.350	ug/l	87
37) Ethyl Acetate	4.83	43	7868	3.800	ug/l #	89
44) Trichloroethene	7.20	130	16399	9.259	ug/l	96

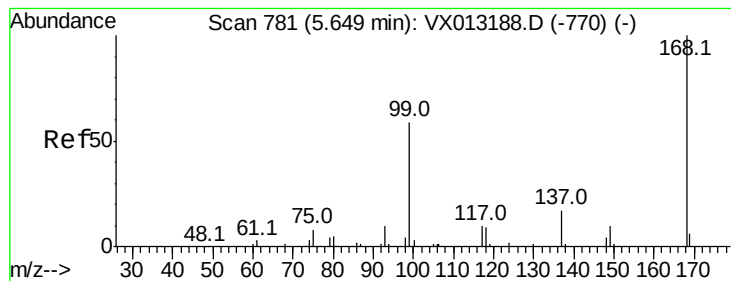
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

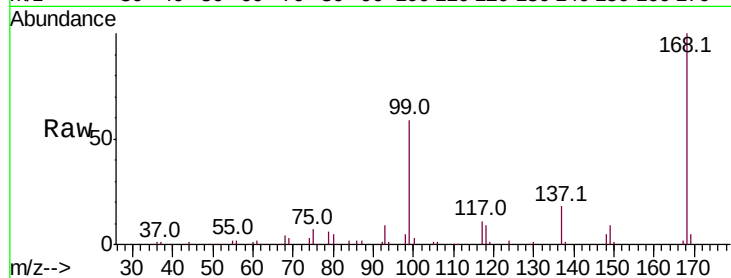
FA19-JMW0542

Tot Ion:168 Resp: 83109

Ion Ratio Lower Upper

168 100

99 58.7 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

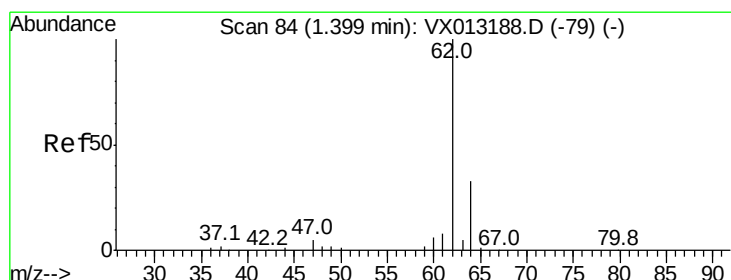
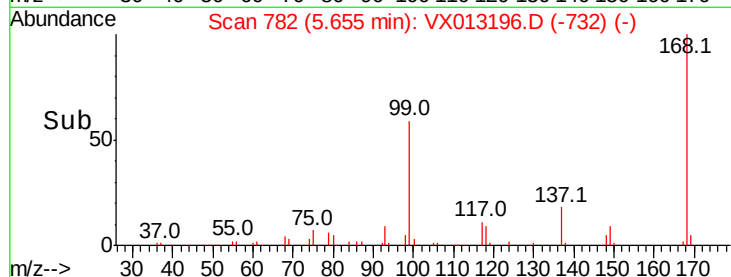
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 0.391 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013196.D

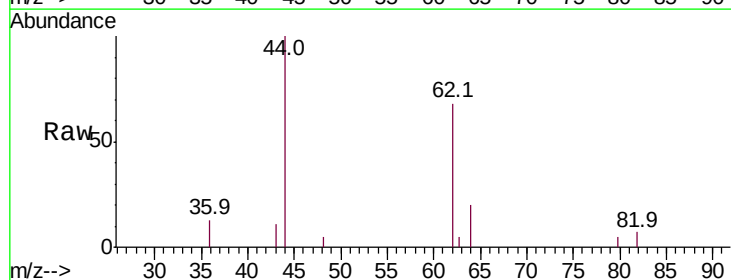
Acq: 23 Oct 2019 18:55

Tgt Ion: 62 Resp: 590

Ion Ratio Lower Upper

62 100

64 19.5 26.4 39.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

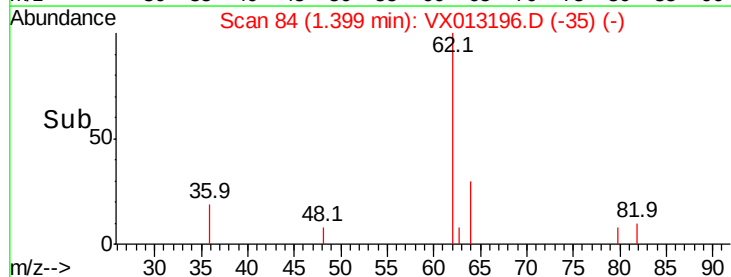
600

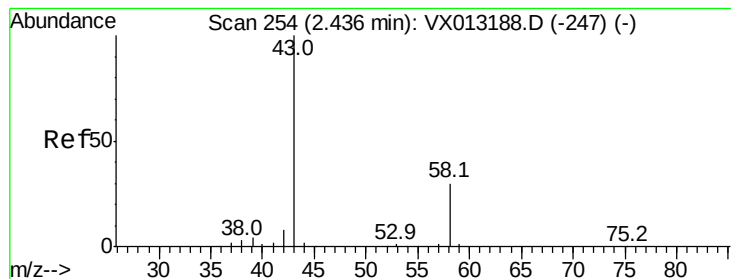
400

200

0

Time-->





#16

Acetone

Concen: 8.507 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

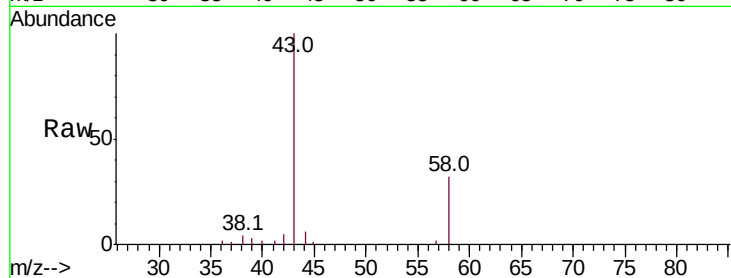
FA19-JMW0542

Tot Ion: 43 Resp: 6967

Ion Ratio Lower Upper

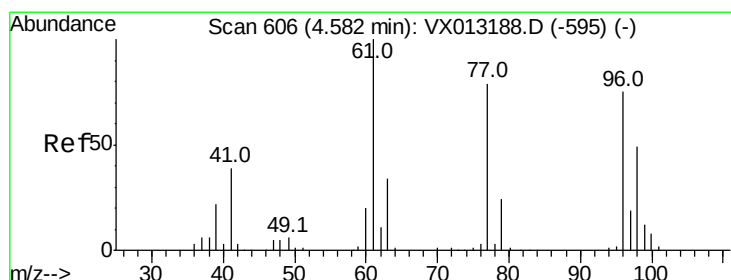
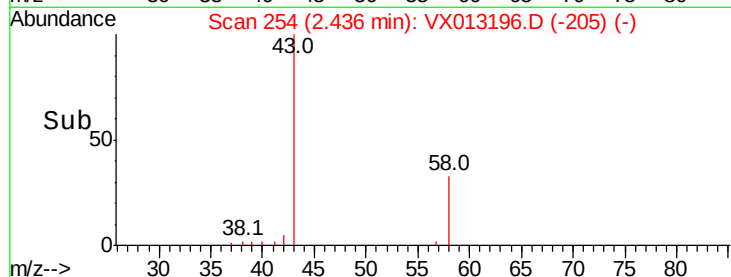
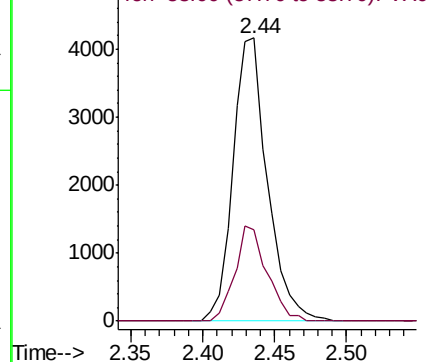
43 100

58 32.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.350 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

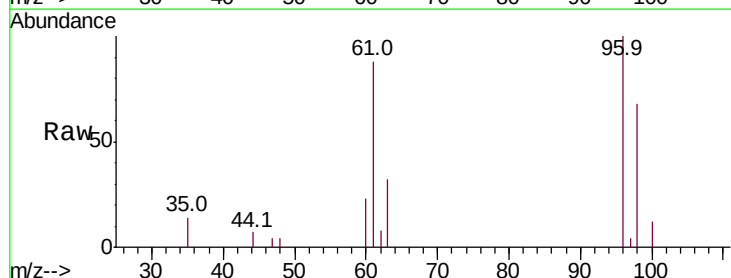
Tgt Ion: 96 Resp: 4074

Ion Ratio Lower Upper

96 100

61 123.5 0.0 290.4

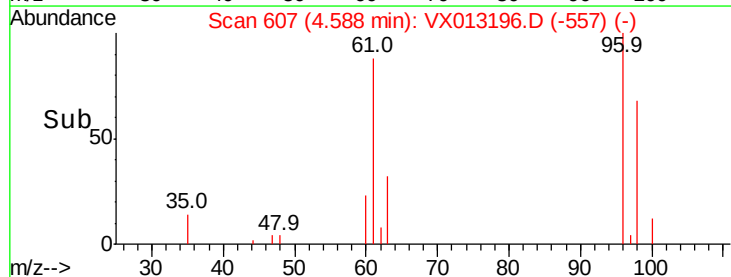
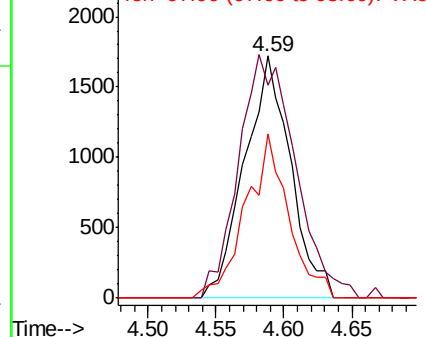
98 63.1 0.0 130.4

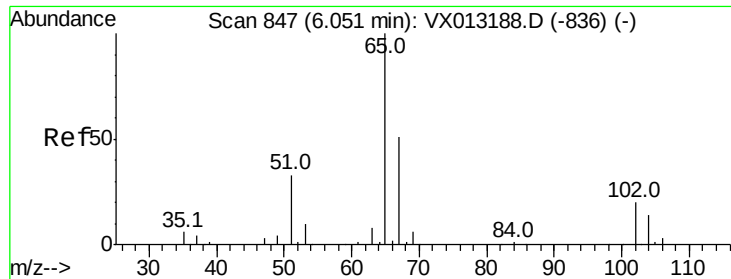


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

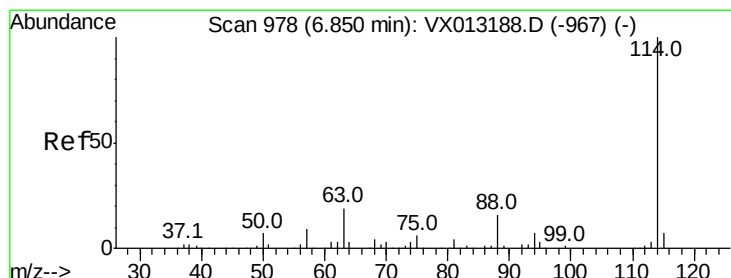
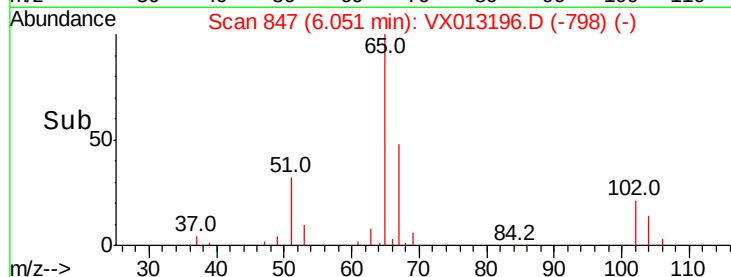
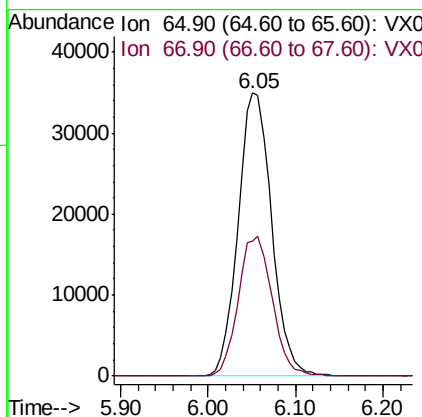
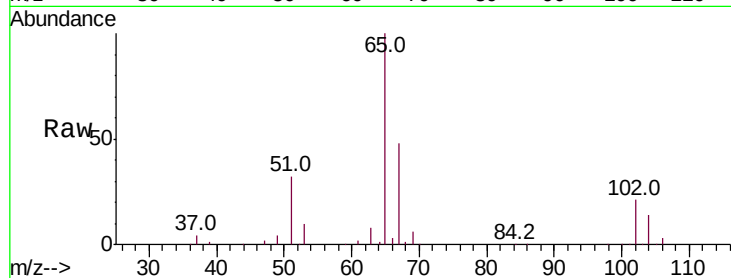




#33
 1,2-Dichloroethane-d4
 Concen: 53.724 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

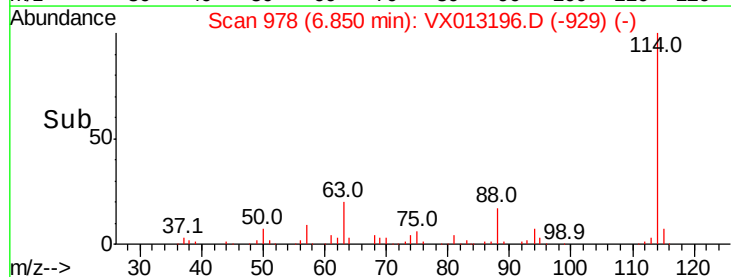
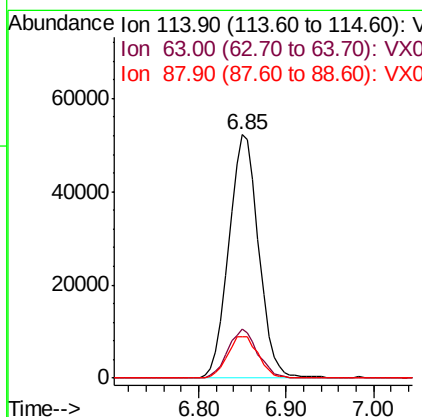
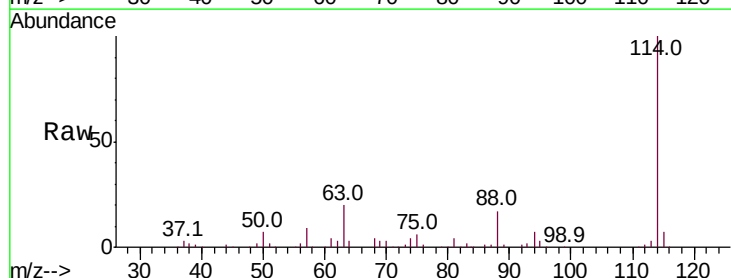
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0542

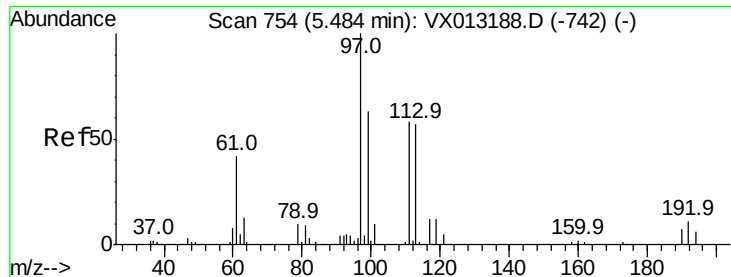
Tot Ion: 65 Resp: 93387
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

Tgt Ion: 114 Resp: 124235
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 17.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.298 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

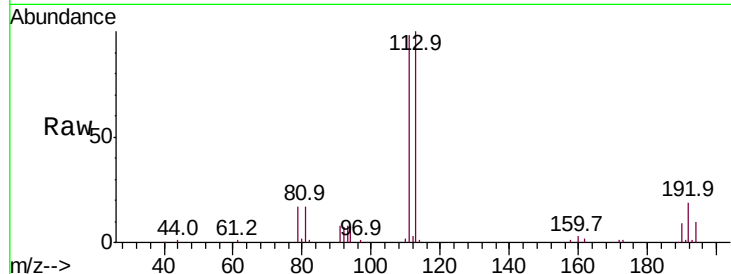
Tot Ion:113 Resp: 71068

Ion Ratio Lower Upper

113 100

111 104.2 80.3 120.5

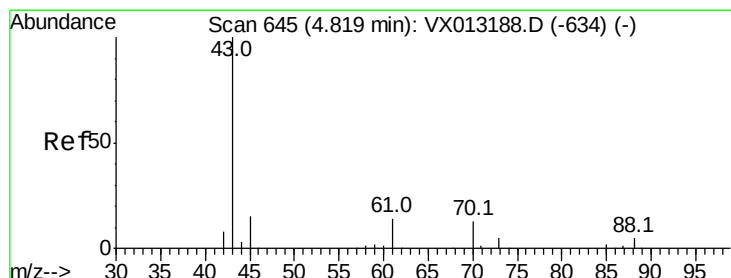
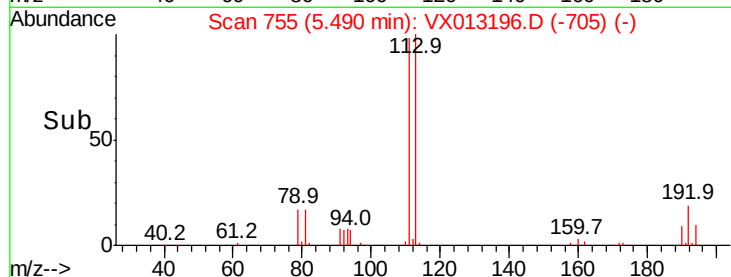
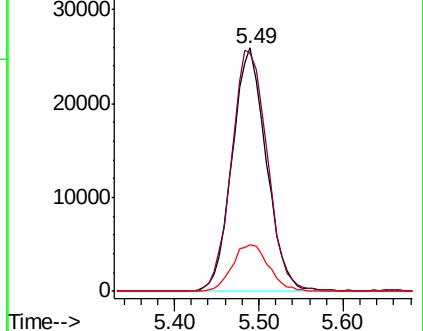
192 20.5 15.9 23.9



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



#37

Ethyl Acetate

Concen: 3.800 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

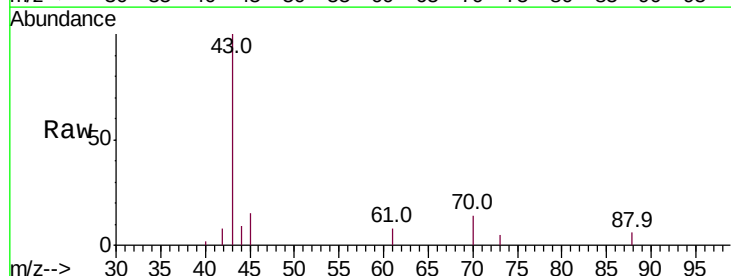
Tgt Ion: 43 Resp: 7868

Ion Ratio Lower Upper

43 100

61 7.4 12.1 18.1#

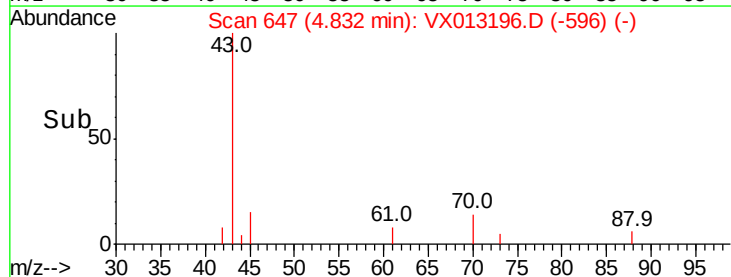
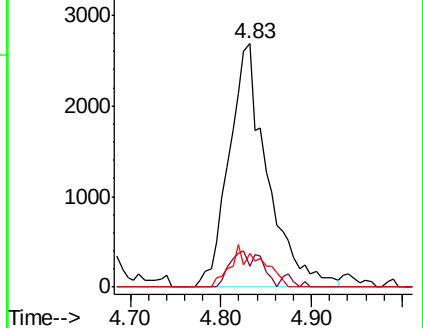
70 14.1 10.4 15.6

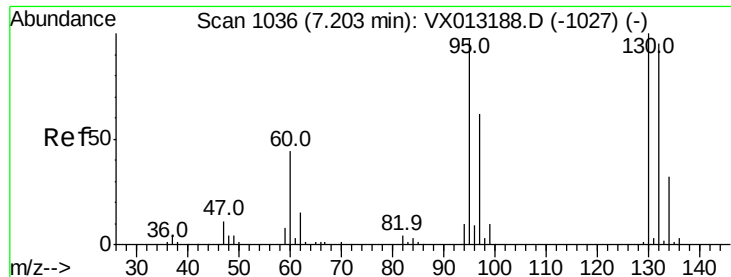


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#44

Trichloroethene

Concen: 9.259 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

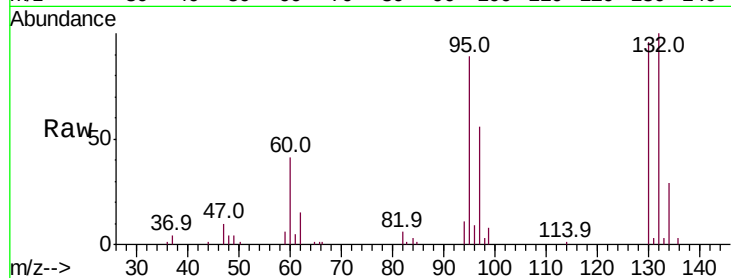
FA19-JMW0542

Tot Ion:130 Resp: 16399

Ion Ratio Lower Upper

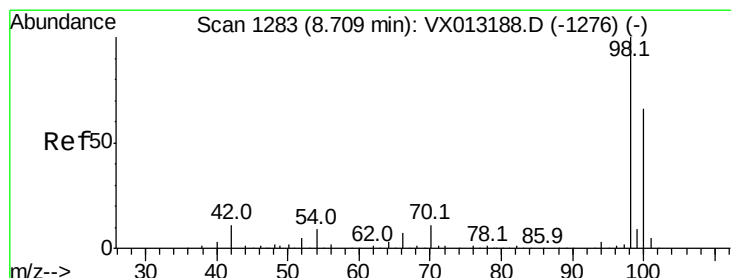
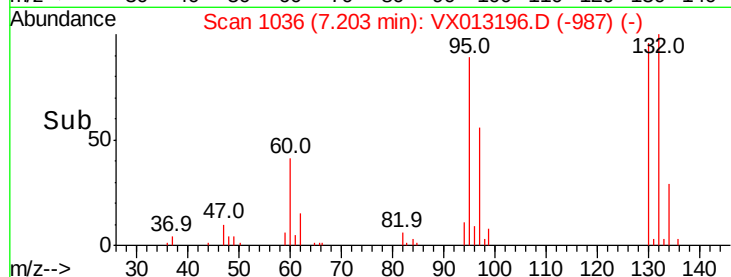
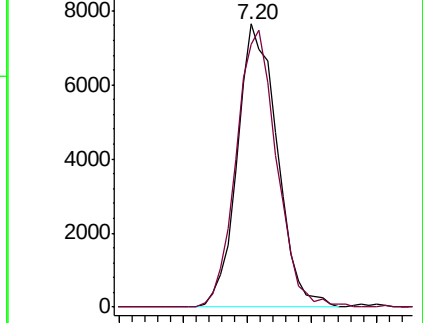
130 100

95 92.9 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.999 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013196.D

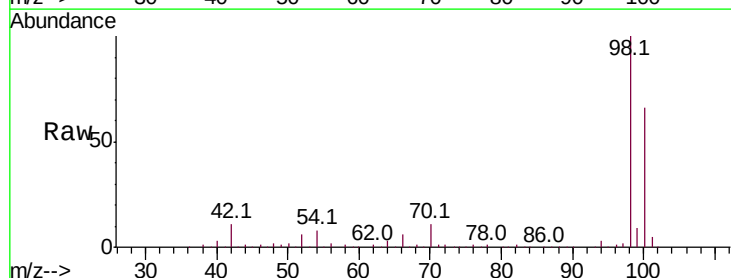
Acq: 23 Oct 2019 18:55

Tgt Ion: 98 Resp: 261834

Ion Ratio Lower Upper

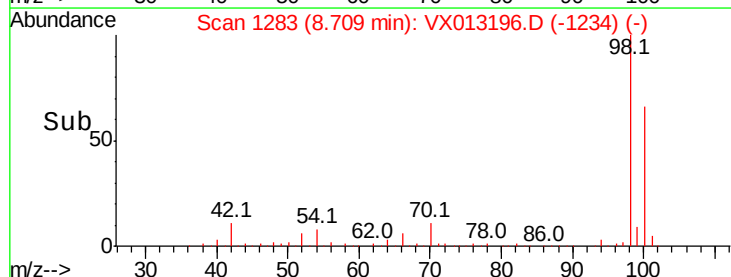
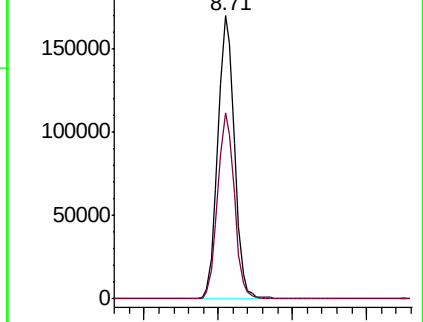
98 100

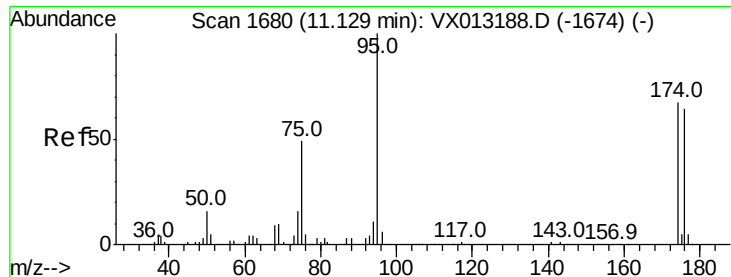
100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.930 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

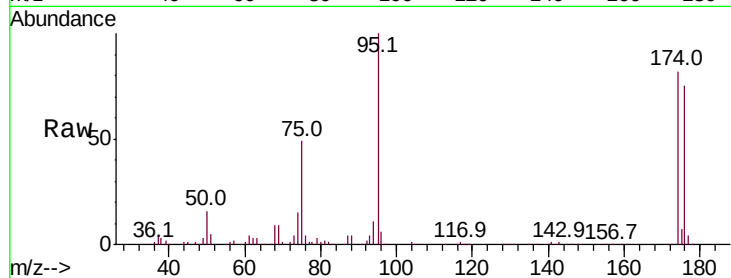
Tot Ion: 95 Resp: 93334

Ion Ratio Lower Upper

95 100

174 75.0 0.0 152.4

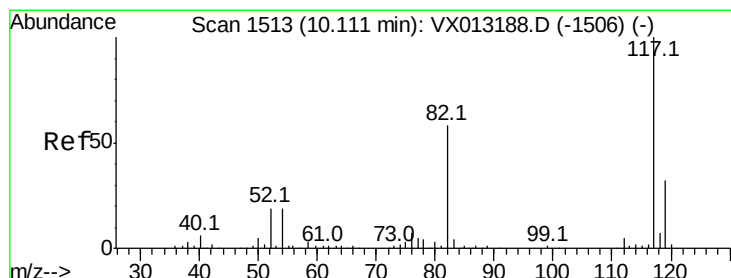
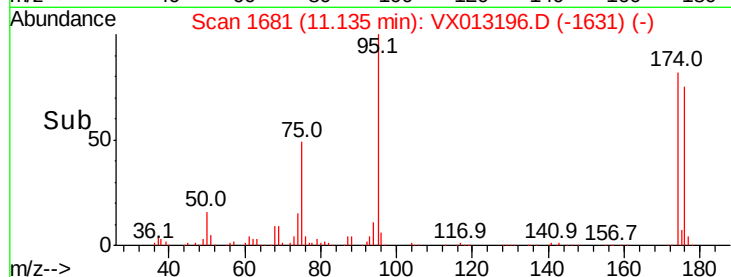
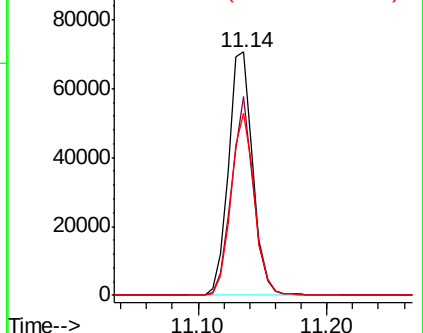
176 72.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VX013188.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013188.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013188.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

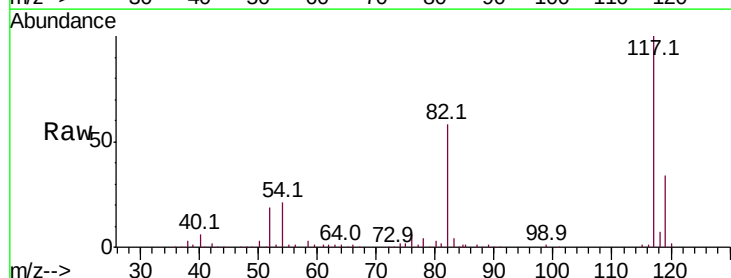
Tgt Ion: 117 Resp: 120485

Ion Ratio Lower Upper

117 100

82 57.9 46.5 69.7

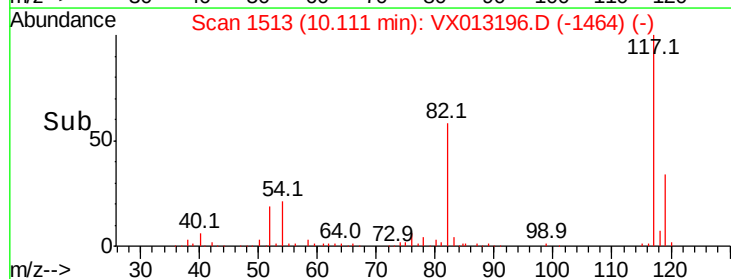
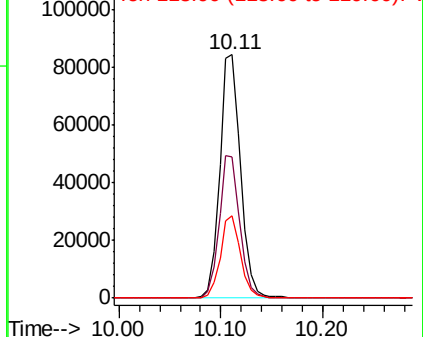
119 33.6 25.2 37.8

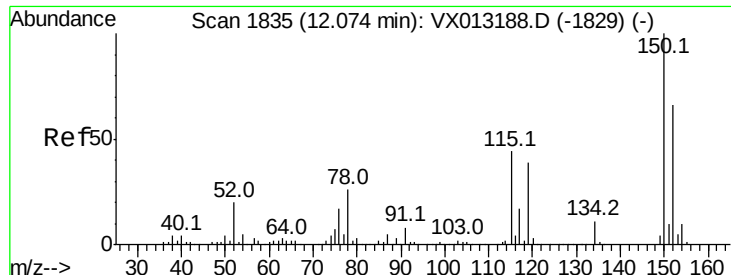


Abundance Ion 116.90 (116.60 to 117.60): VX013188.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX013188.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX013188.D (-1506) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

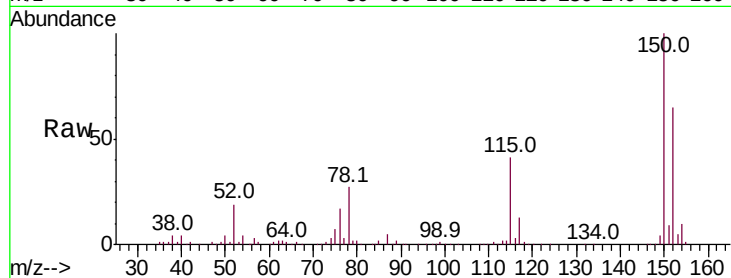
Tot Ion:152 Resp: 74938

Ion Ratio Lower Upper

152 100

115 62.1 46.6 139.8

150 154.7 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

