

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013140.D
 Acq On : 18 Oct 2019 20:14
 Operator : JC/SP
 Sample : K5451-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ0340

Quant Time: Oct 19 05:33:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

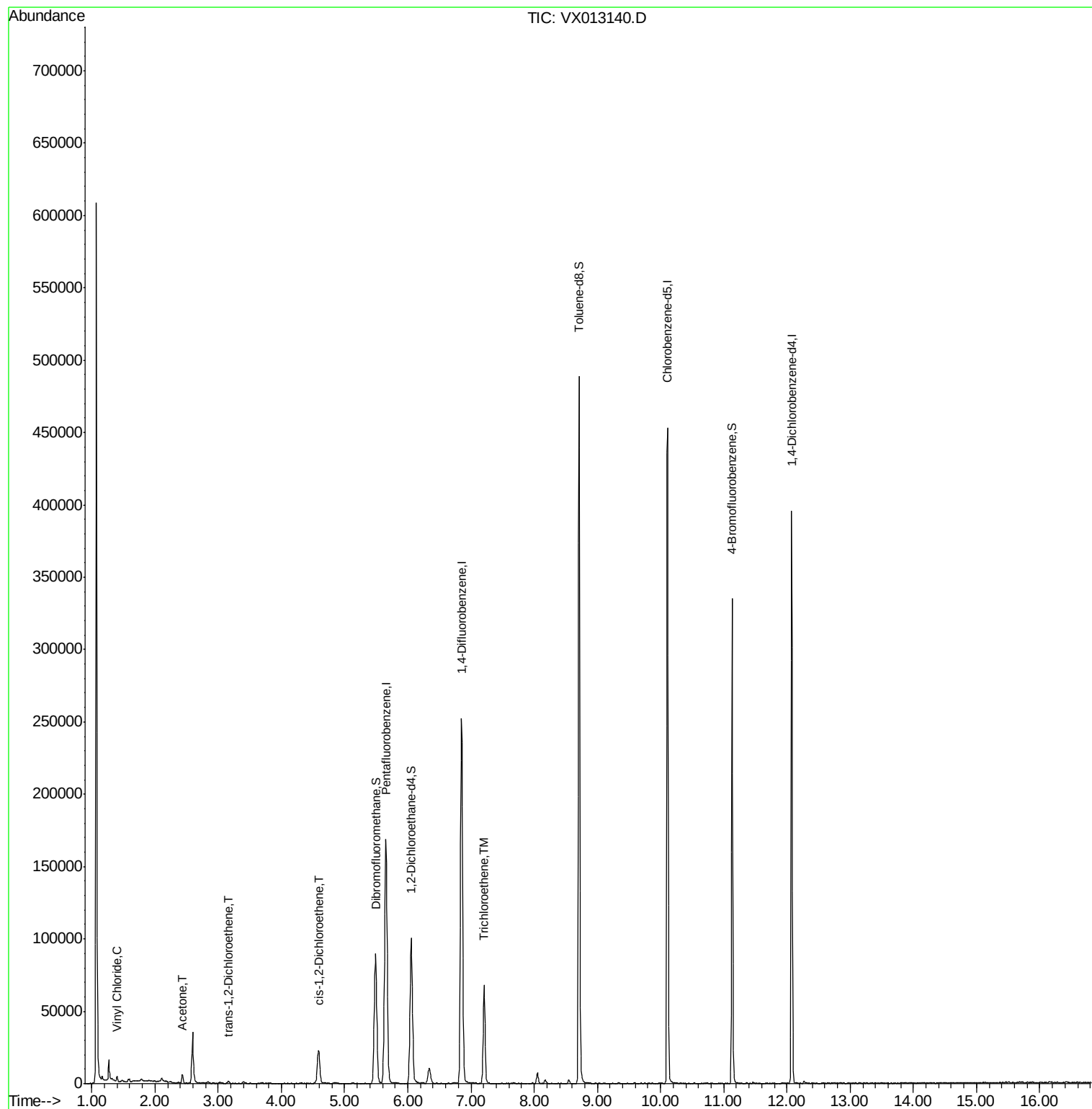
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	254289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	211865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	75639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	98518	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
35) Dibromofluoromethane	5.49	113	76731	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	8.71	98	293208	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	95629	43.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.48%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	1028	0.562	ug/l	93
16) Acetone	2.43	43	6571	6.244	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	677	0.391	ug/l	87
27) cis-1,2-Dichloroethene	4.59	96	14978	7.510	ug/l	89
44) Trichloroethene	7.20	130	27346	14.934	ug/l	99

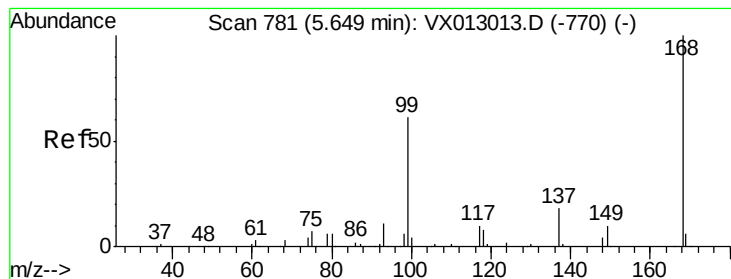
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013140.D

Acq: 18 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

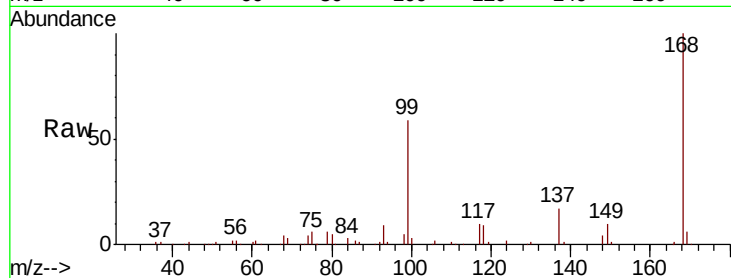
FA19-JPZ0340

Tot Ion:168 Resp: 159734

Ion Ratio Lower Upper

168 100

99 58.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

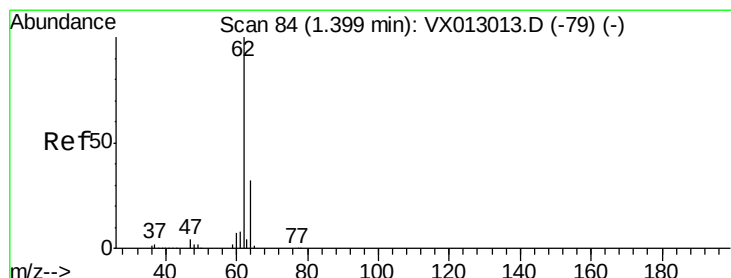
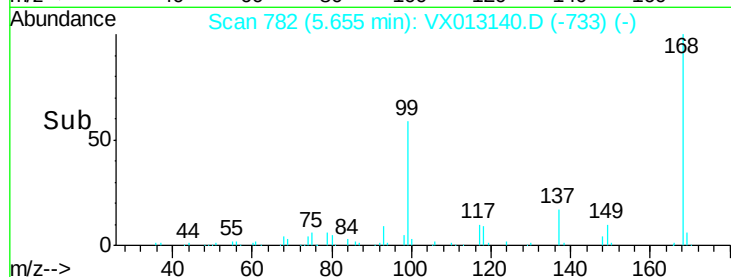
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.562 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013140.D

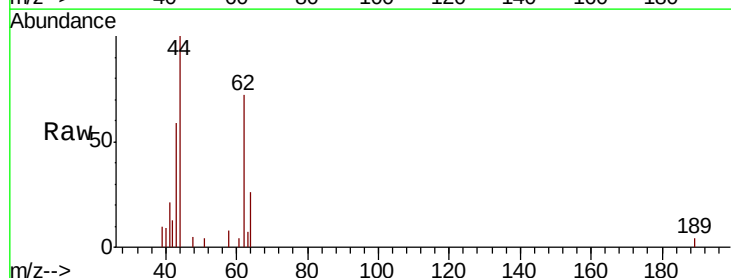
Acq: 18 Oct 2019 20:14

Tgt Ion: 62 Resp: 1028

Ion Ratio Lower Upper

62 100

64 35.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1200

1000

800

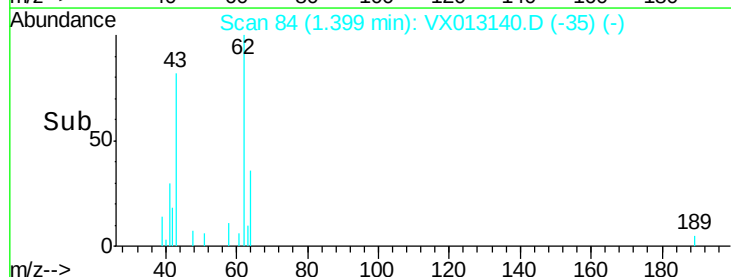
600

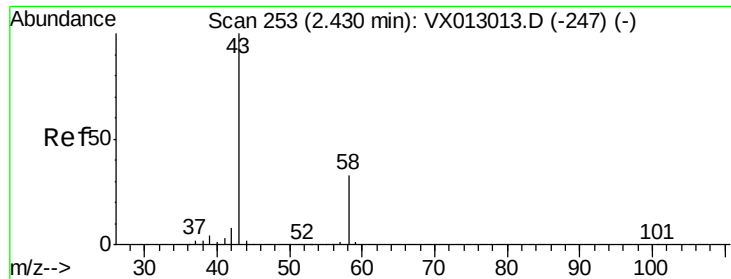
400

200

0

Time--> 1.35 1.40





#16

Acetone

Concen: 6.244 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013140.D

Acq: 18 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

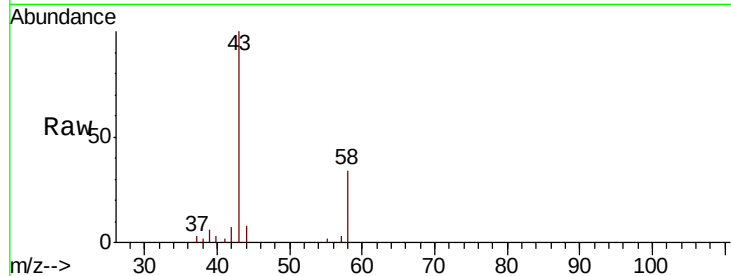
FA19-JPZ0340

Tot Ion: 43 Resp: 6571

Ion Ratio Lower Upper

43 100

58 33.9 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

3000

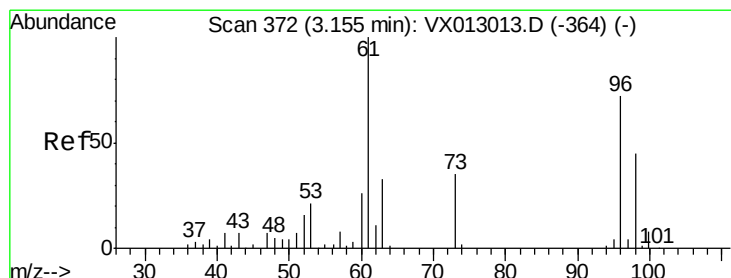
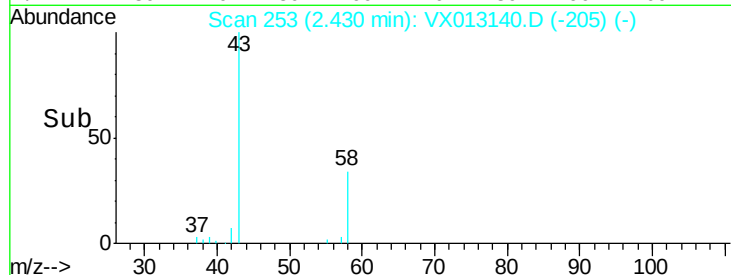
2000

1000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#21

trans-1,2-Dichloroethene

Concen: 0.391 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013140.D

Acq: 18 Oct 2019 20:14

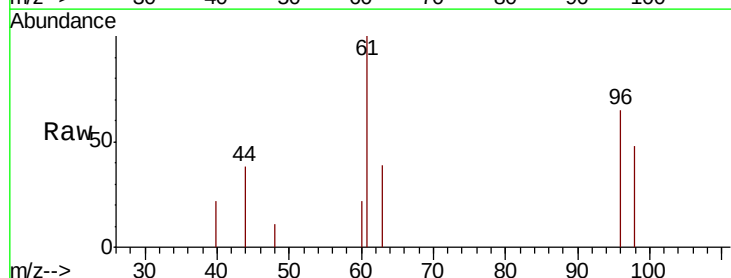
Tgt Ion: 96 Resp: 677

Ion Ratio Lower Upper

96 100

61 154.7 110.4 165.6

98 74.4 51.5 77.3



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

600

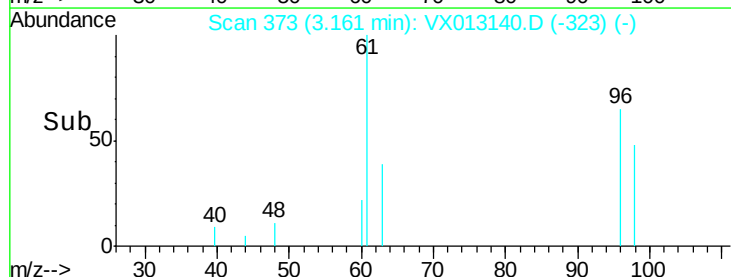
400

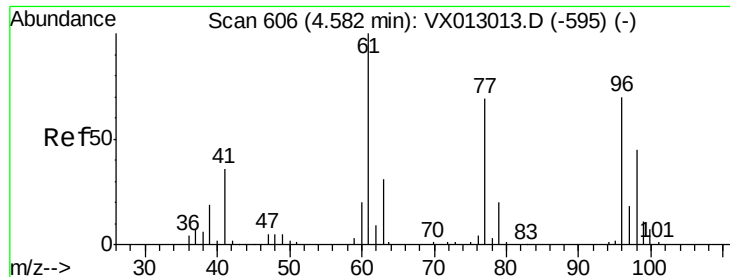
200

0

Time-->

3.10 3.15 3.20



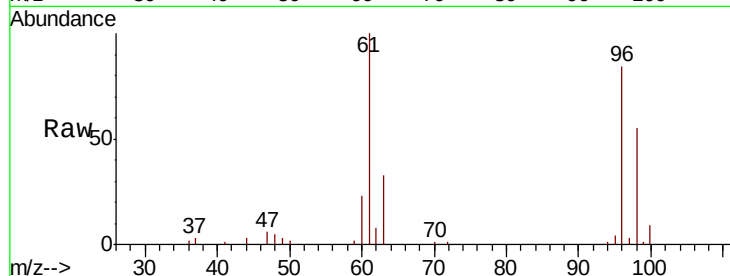


#27

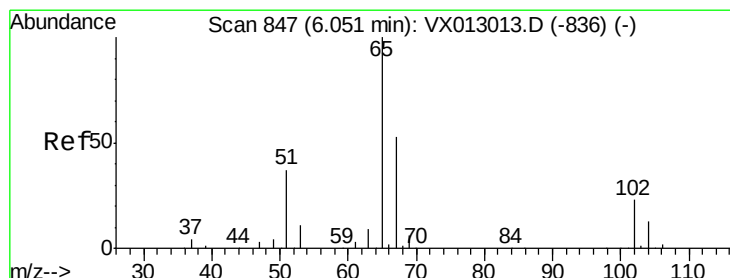
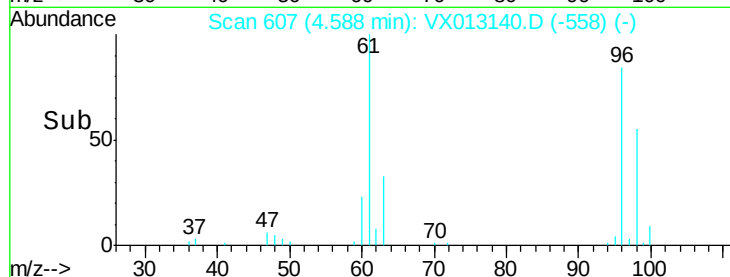
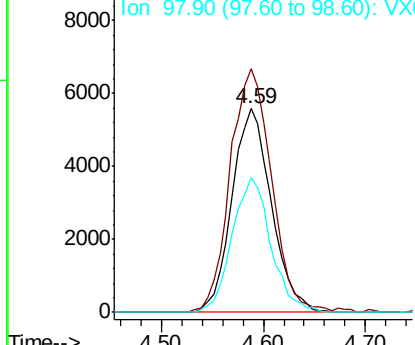
cis-1,2-Dichloroethene
 Concen: 7.510 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX013140.D
 Acq: 18 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ0340

Tot Ion: 96 Resp: 14978
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 290.6
 98 64.9 0.0 128.8



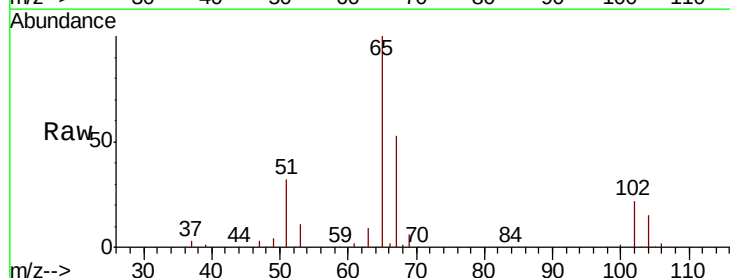
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



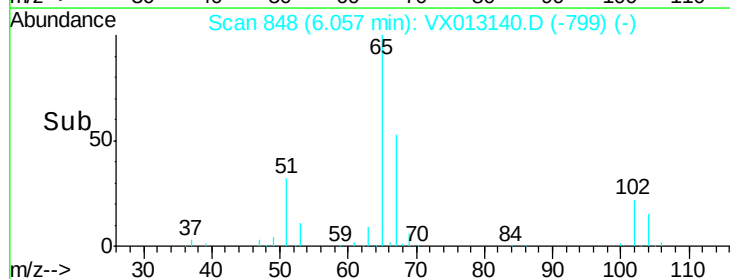
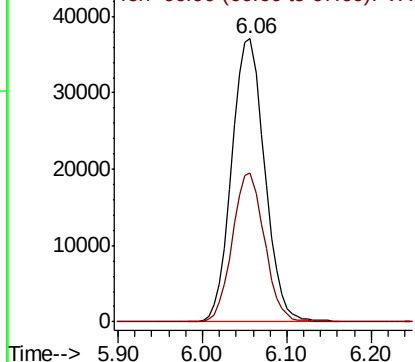
#33

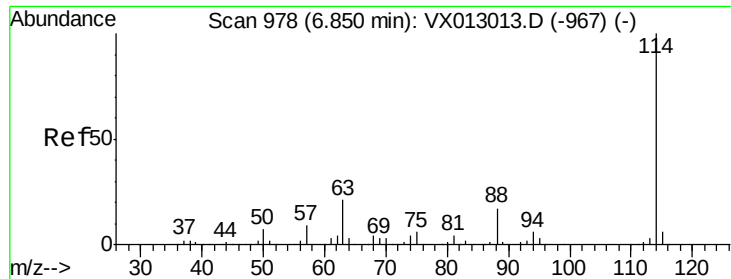
1,2-Dichloroethane-d4
 Concen: 49.346 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX013140.D
 Acq: 18 Oct 2019 20:14

Tgt Ion: 65 Resp: 98518
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

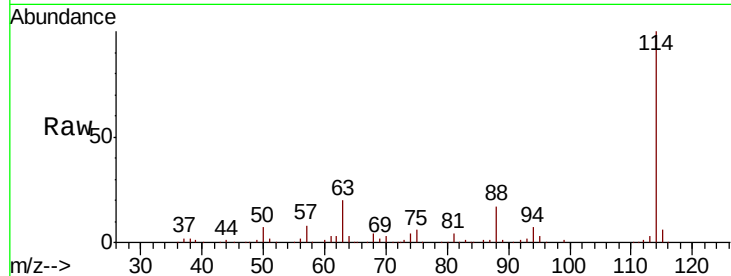




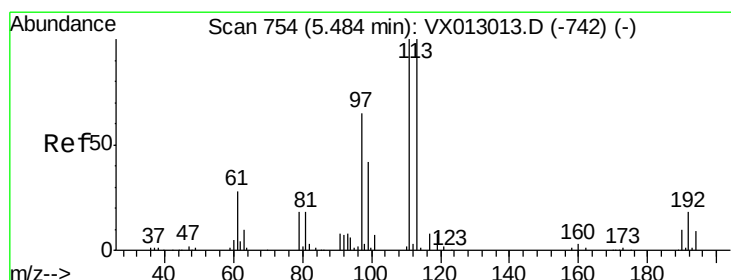
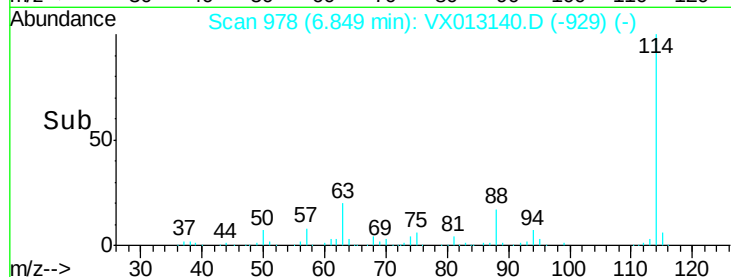
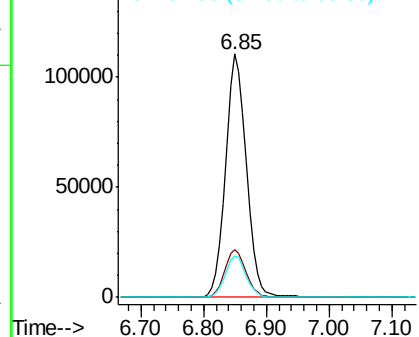
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013140.D
 Acq: 18 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ0340

Tot Ion:114 Resp: 254289
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 17.1 0.0 33.8

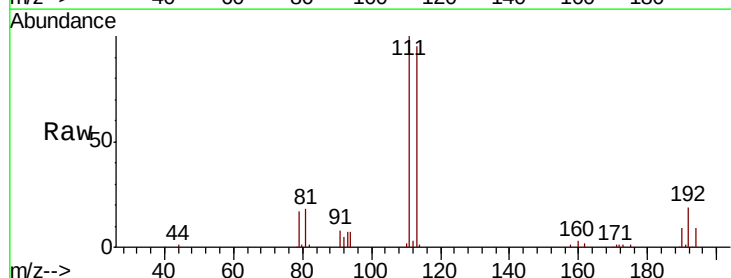


Abundance Ion 113.90 (113.60 to 114.60): V
 150000 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

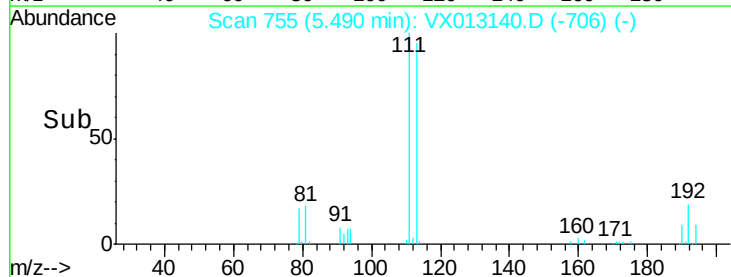
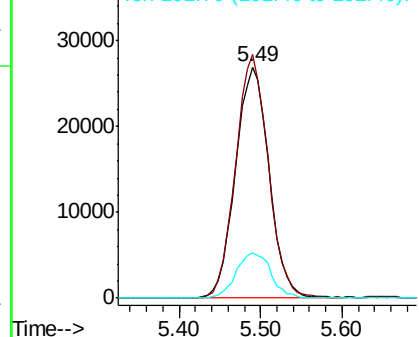


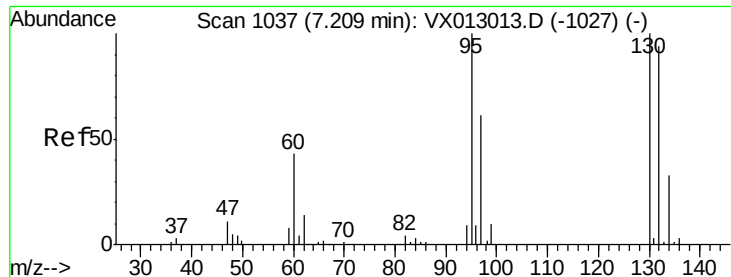
#35
 Dibromofluoromethane
 Concen: 52.574 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013140.D
 Acq: 18 Oct 2019 20:14

Tgt Ion:113 Resp: 76731
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.2 124.8
 192 20.3 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

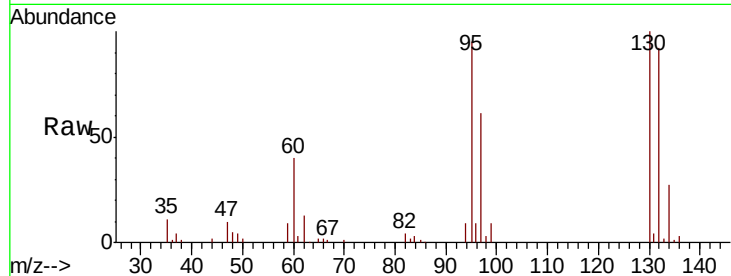




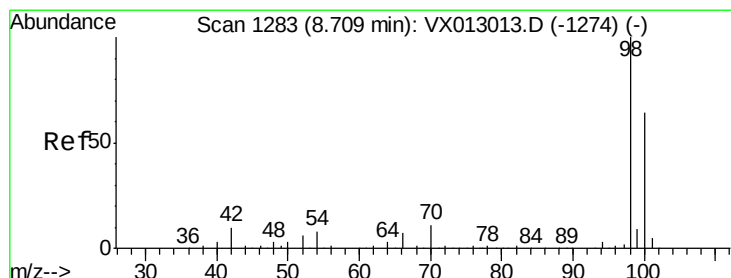
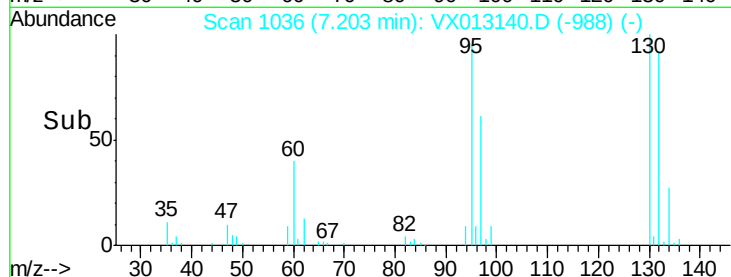
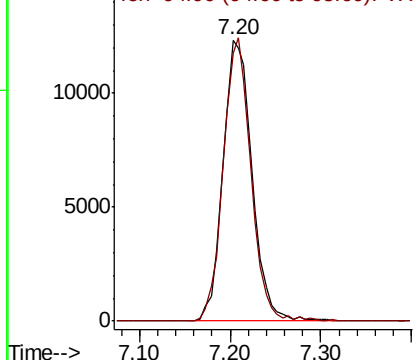
#44
 Trichloroethene
 Concen: 14.934 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013140.D
 Acq: 18 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampled :
 FA19-JPZ0340

Tot Ion:130 Resp: 27346
 Ion Ratio Lower Upper
 130 100
 95 95.2 0.0 189.2

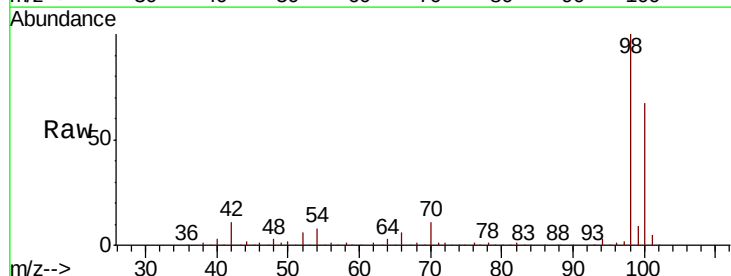


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

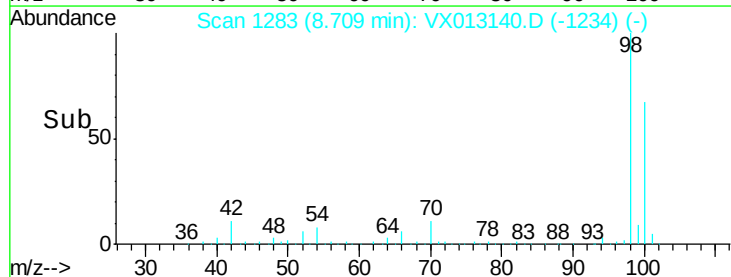
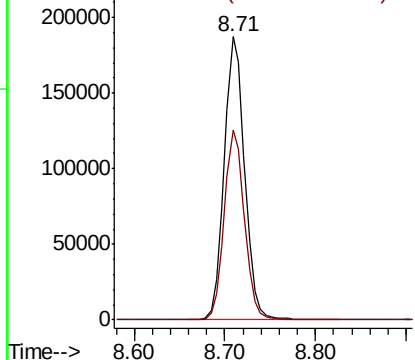


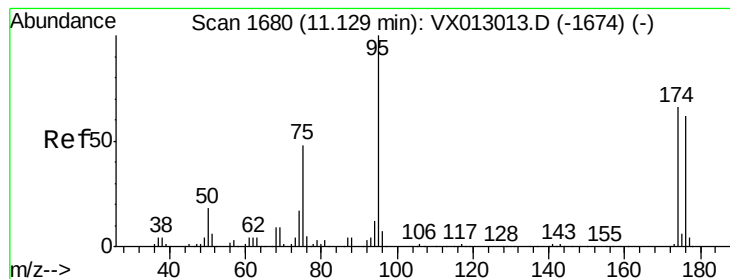
#50
 Toluene-d8
 Concen: 51.509 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013140.D
 Acq: 18 Oct 2019 20:14

Tgt Ion: 98 Resp: 293208
 Ion Ratio Lower Upper
 98 100
 100 66.6 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: 43.236 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013140.D

Acq: 18 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0340

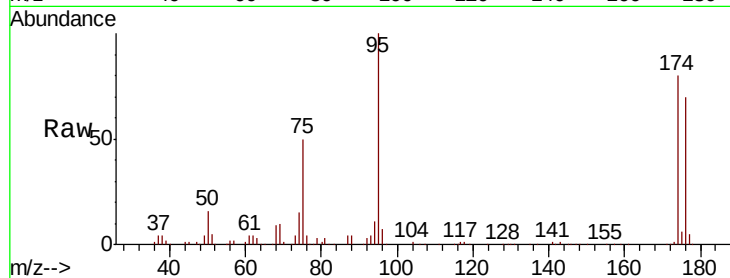
Tot Ion: 95 Resp: 95629

Ion Ratio Lower Upper

95 100

174 75.3 0.0 143.4

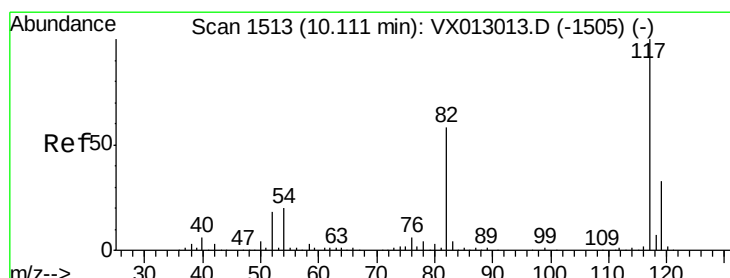
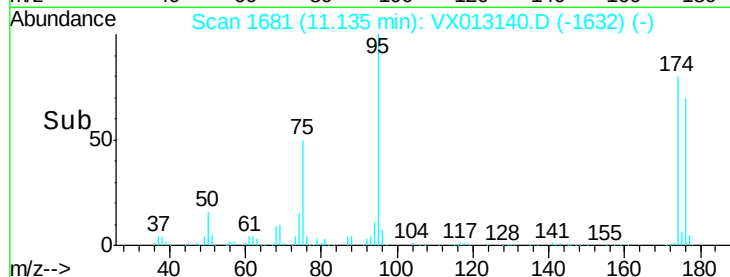
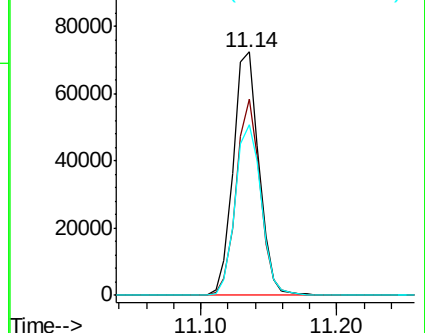
176 71.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013140.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013140.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013140.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013140.D

Acq: 18 Oct 2019 20:14

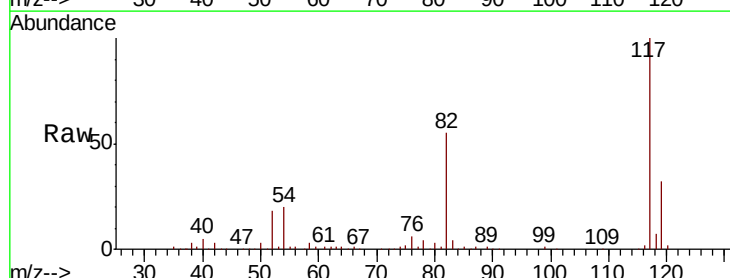
Tgt Ion: 117 Resp: 211865

Ion Ratio Lower Upper

117 100

82 55.3 44.1 66.1

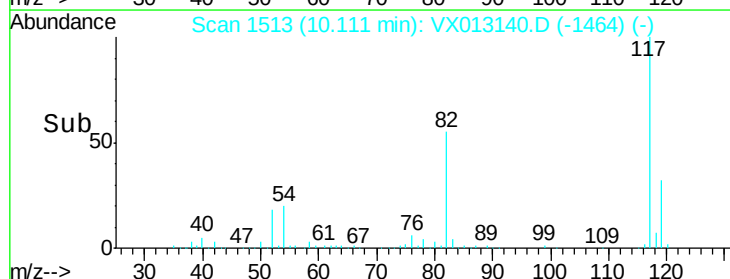
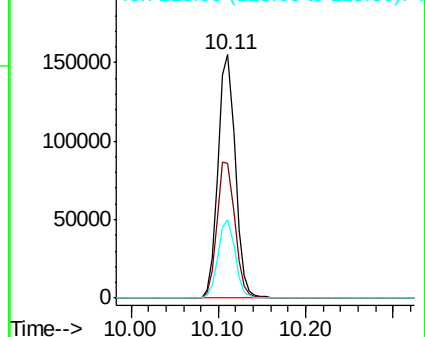
119 32.2 25.8 38.8

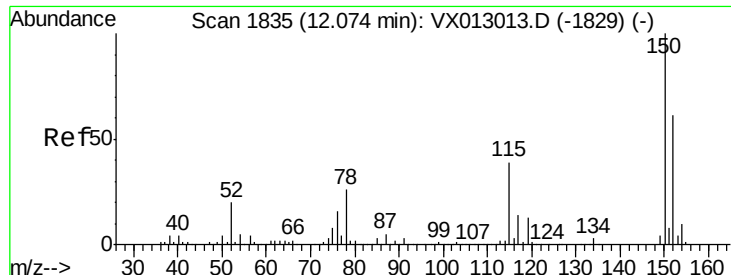


Abundance Ion 116.90 (116.60 to 117.60): VX013140.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013140.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013140.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013140.D

Acq: 18 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0340

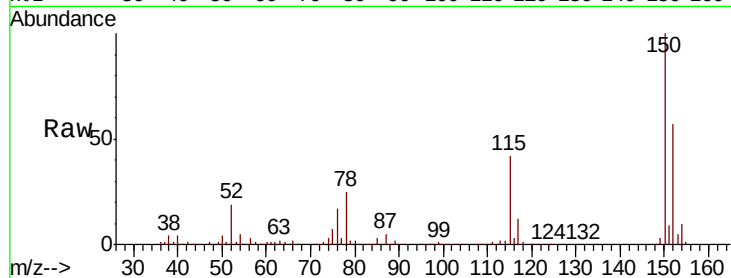
Tot Ion:152 Resp: 75639

Ion Ratio Lower Upper

152 100

115 68.1 44.5 133.5

150 167.4 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

