

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013437.D
 Acq On : 15 Nov 2019 11:33
 Operator : JC/SP
 Sample : K5842-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0165

Quant Time: Nov 15 23:33:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

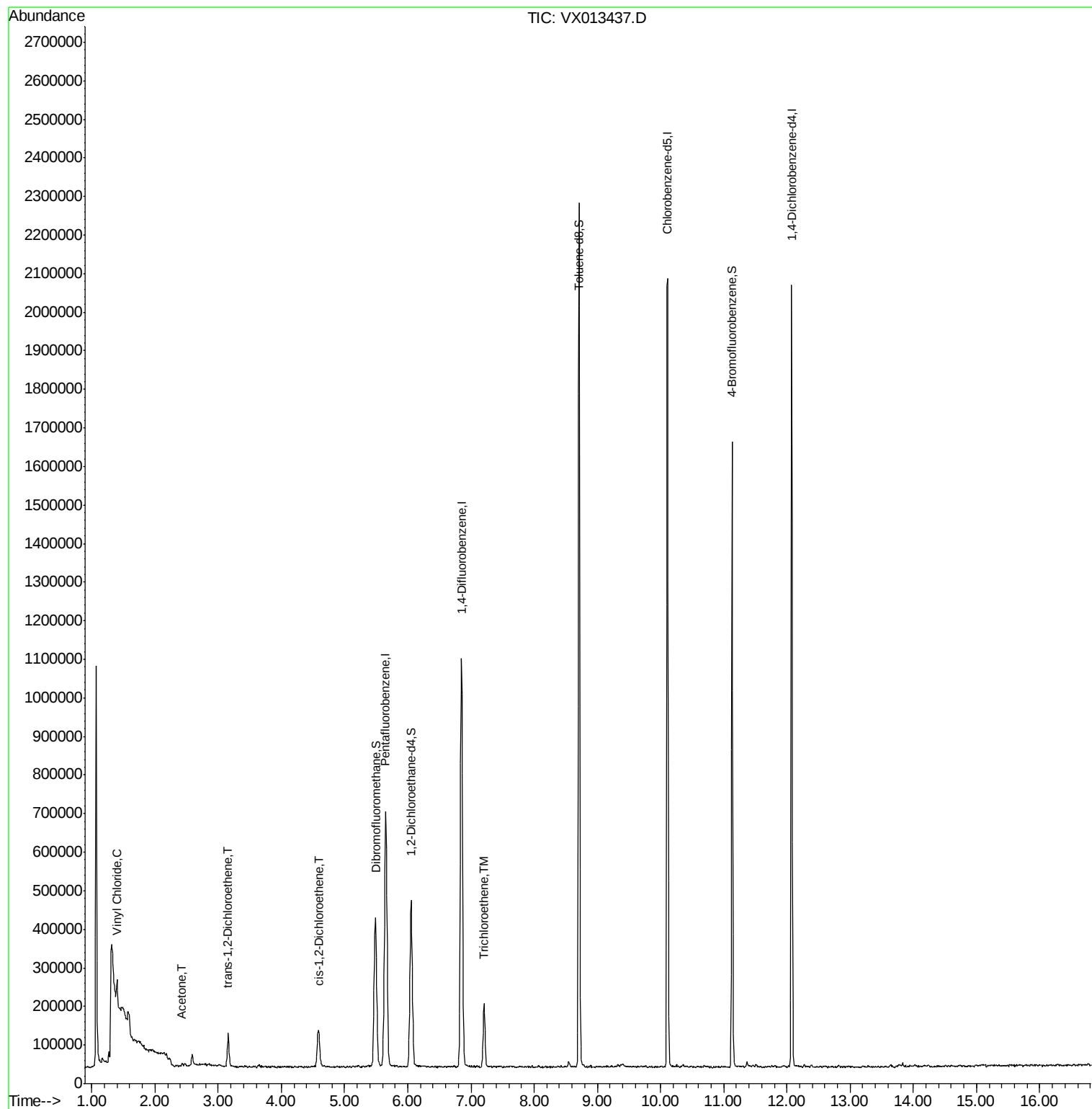
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	694032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1102197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	969465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	423382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	404577	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	5.49	113	337471	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1315229	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	425427	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	39090	3.959	ug/l #	77
16) Acetone	2.43	43	8193	1.998	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	38452	5.547	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	64809	8.346	ug/l	86
44) Trichloroethene	7.21	130	70645	8.713	ug/l	89

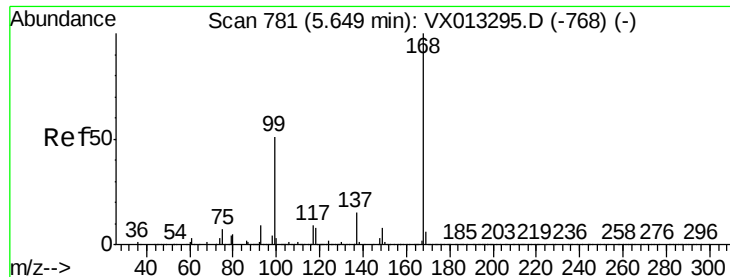
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 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: VX013437.D

Acq: 15 Nov 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

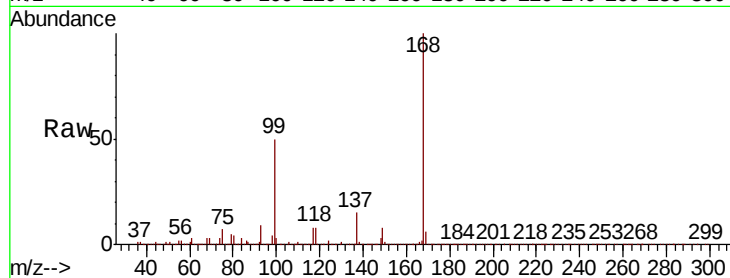
S36-0165

Tot Ion:168 Resp: 694032

Ion Ratio Lower Upper

168 100

99 49.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

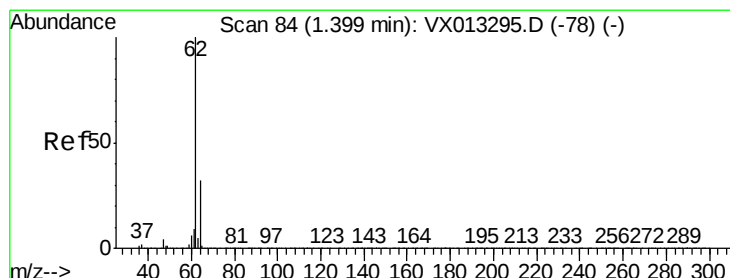
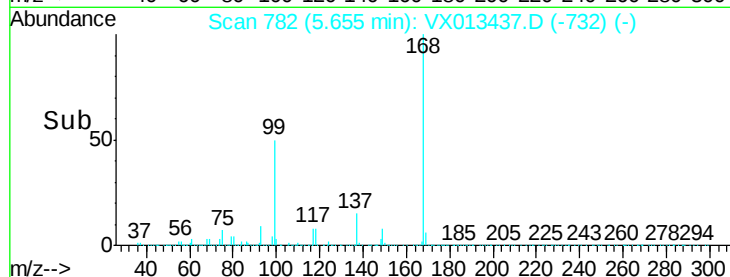
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 3.959 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013437.D

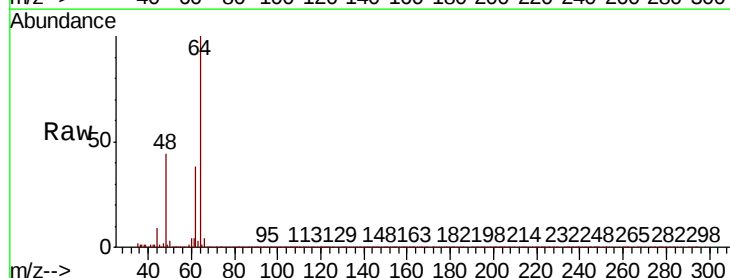
Acq: 15 Nov 2019 11:33

Tgt Ion: 62 Resp: 39090

Ion Ratio Lower Upper

62 100

64 44.9 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

200000

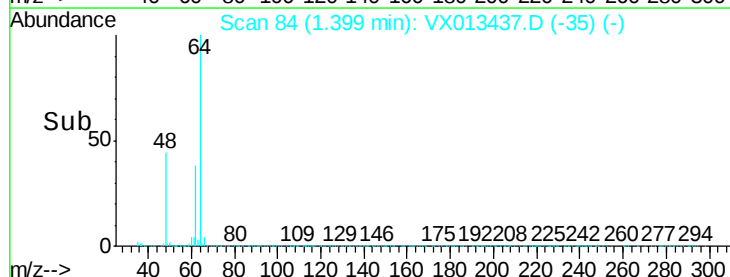
150000

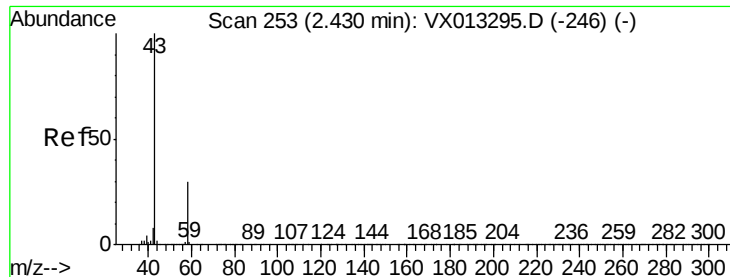
100000

50000

0

Time-->





#16

Acetone

Concen: 1.998 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013437.D

Acq: 15 Nov 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

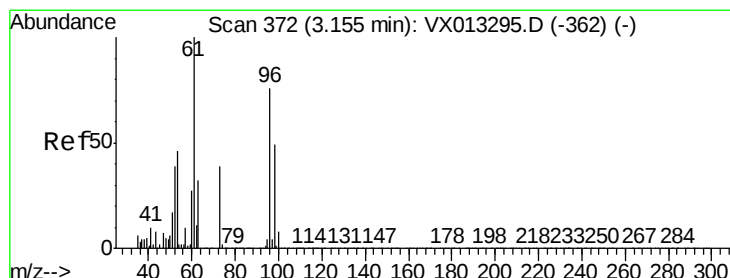
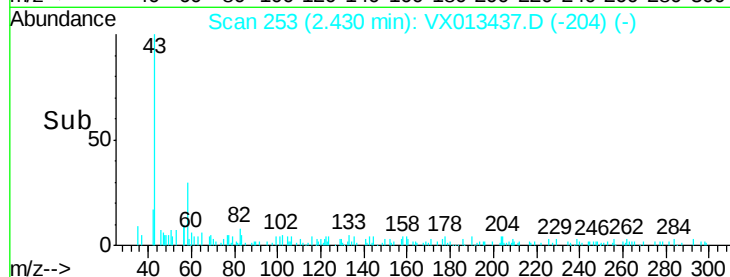
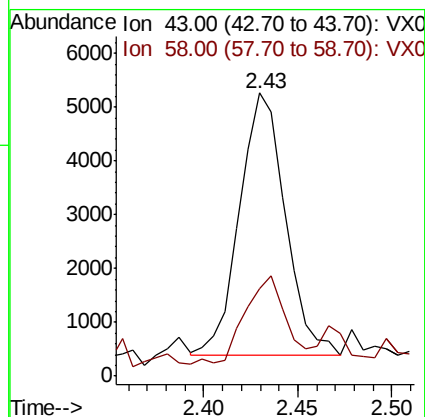
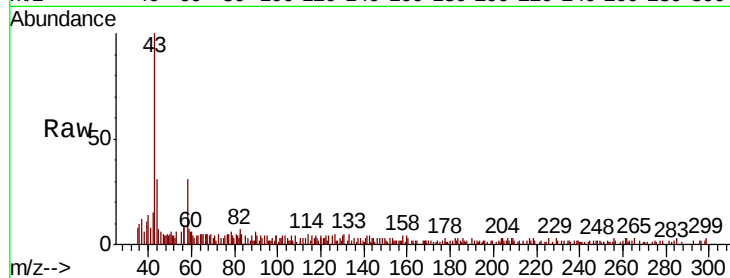
S36-0165

Tot Ion: 43 Resp: 8193

Ion Ratio Lower Upper

43 100

58 28.8 24.3 36.5



#21

trans-1,2-Dichloroethene

Concen: 5.547 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013437.D

Acq: 15 Nov 2019 11:33

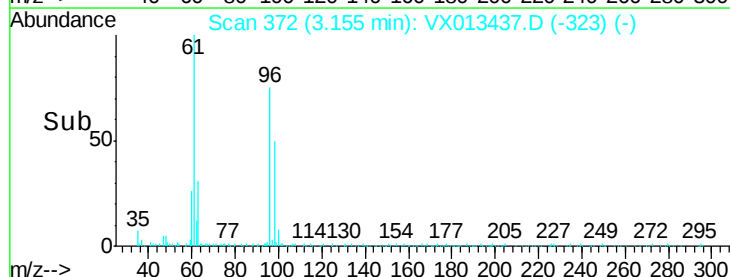
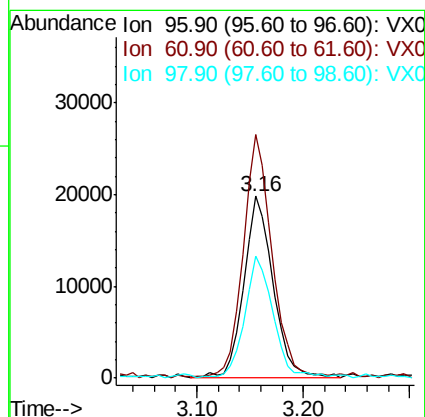
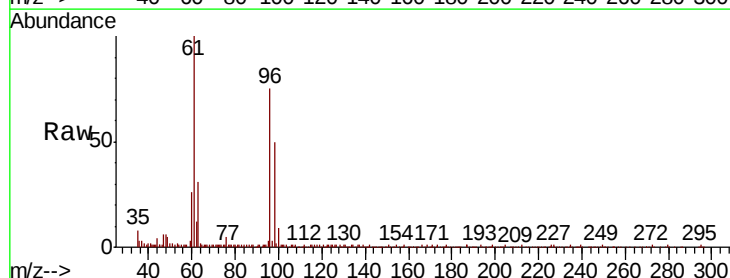
Tgt Ion: 96 Resp: 38452

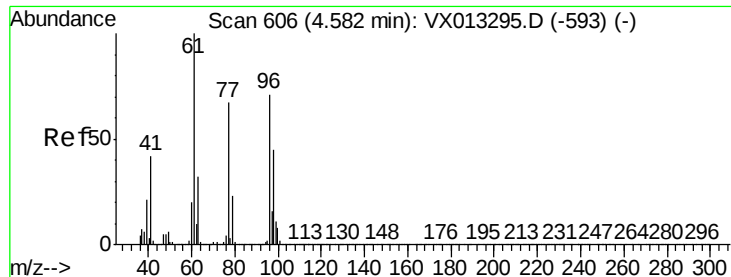
Ion Ratio Lower Upper

96 100

61 132.9 105.8 158.6

98 65.4 51.8 77.6



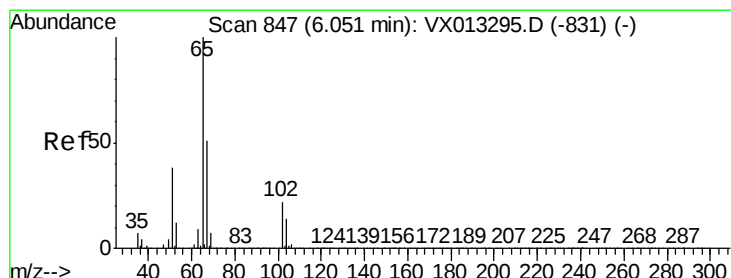
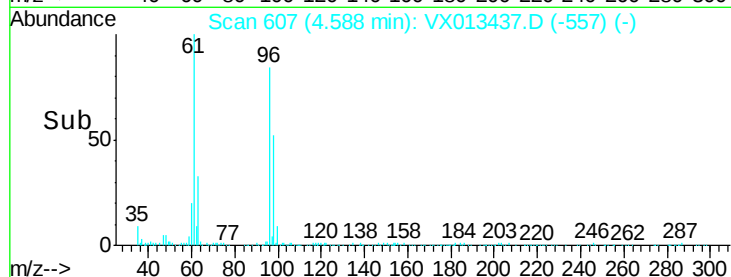
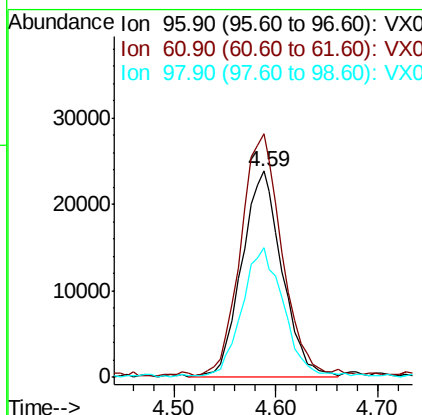
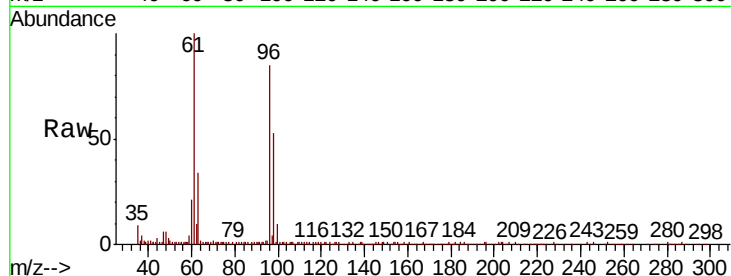


#27

cis-1,2-Dichloroethene
 Concen: 8.346 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013437.D
 Acq: 15 Nov 2019 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0165

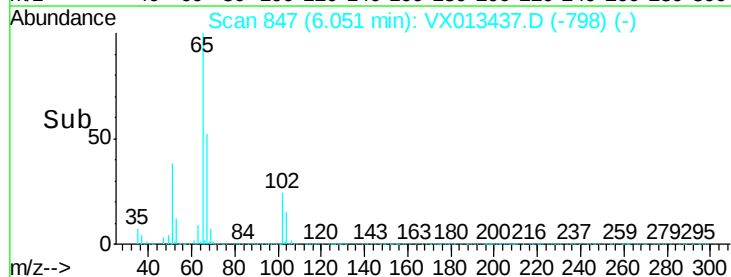
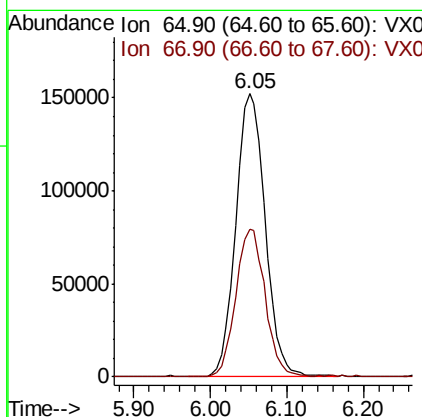
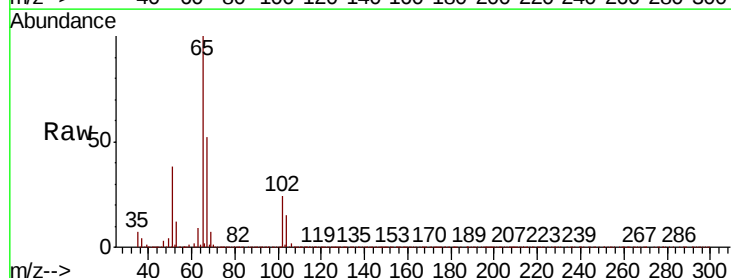
Tot Ion	Ratio	Lower	Upper
96	100		
61	120.2	0.0	288.0
98	63.7	0.0	129.6

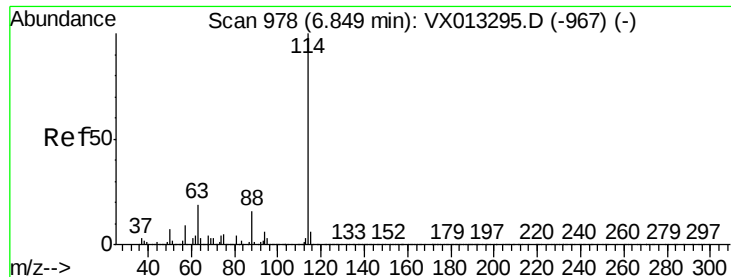


#33

1,2-Dichloroethane-d4
 Concen: 49.205 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013437.D
 Acq: 15 Nov 2019 11:33

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013437.D

Acq: 15 Nov 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

S36-0165

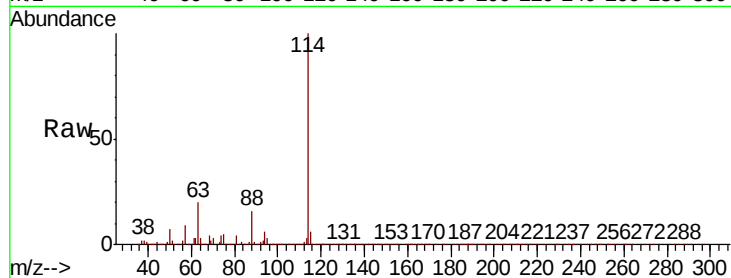
Tot Ion:114 Resp: 1102197

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

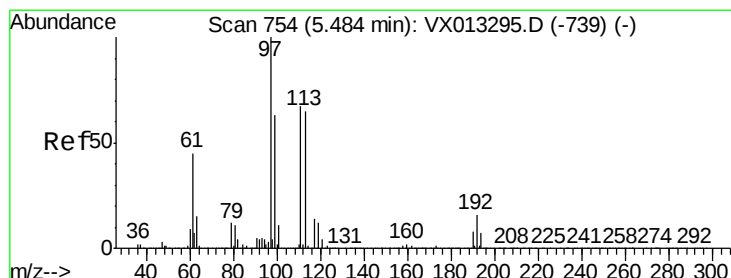
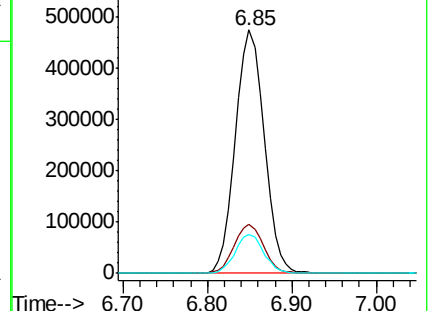
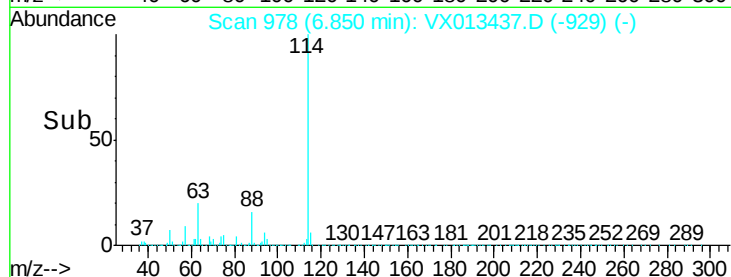
88 15.9 0.0 32.2



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: 48.816 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013437.D

Acq: 15 Nov 2019 11:33

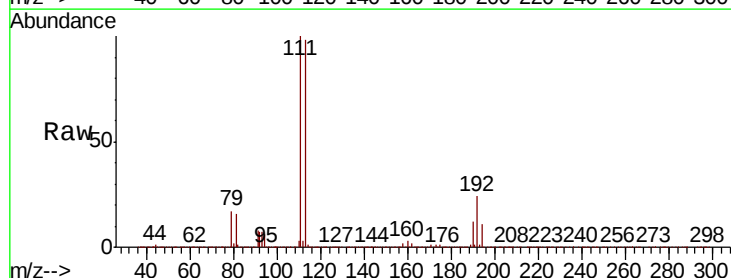
Tgt Ion:113 Resp: 337471

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

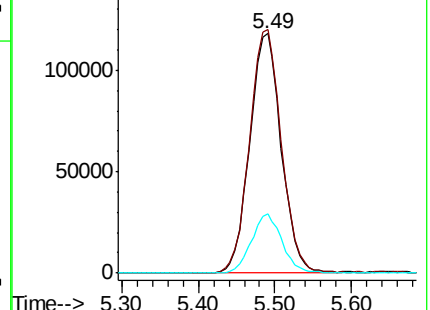
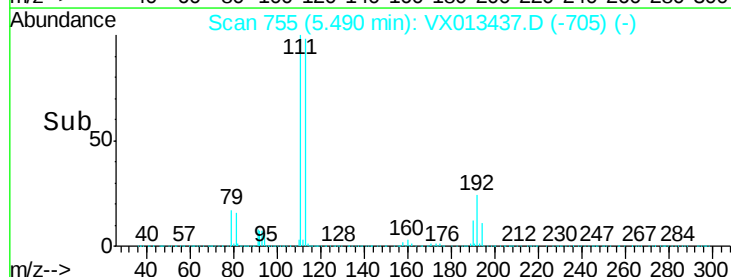
192 24.0 19.1 28.7

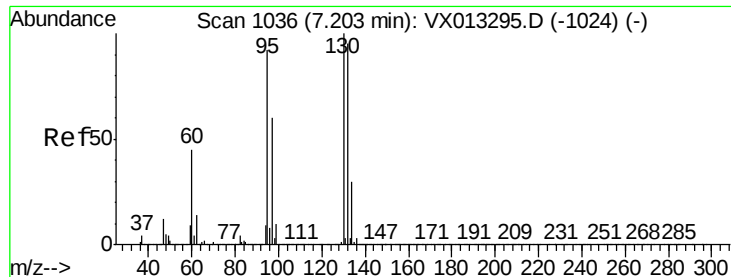


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.713 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013437.D

Acq: 15 Nov 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

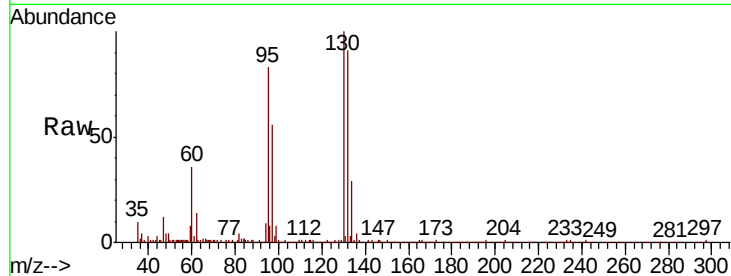
S36-0165

Tot Ion:130 Resp: 70645

Ion Ratio Lower Upper

130 100

95 82.3 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

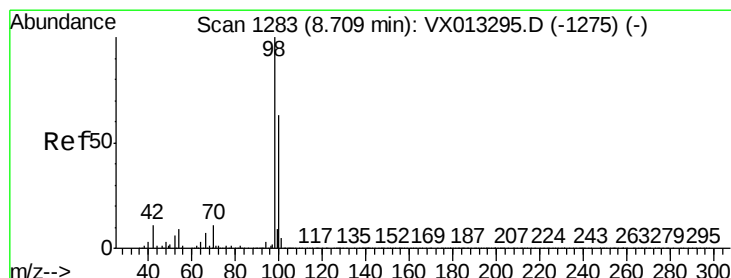
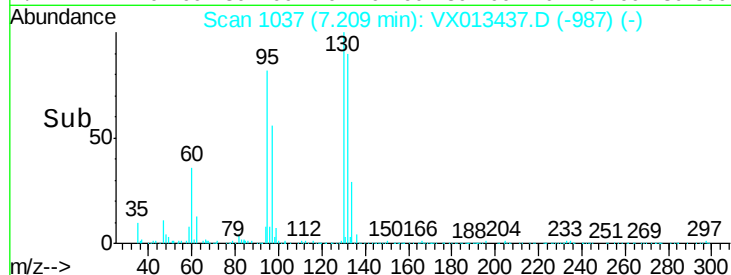
30000

20000

10000

0

Time-->



#50

Toluene-d8

Concen: 50.466 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013437.D

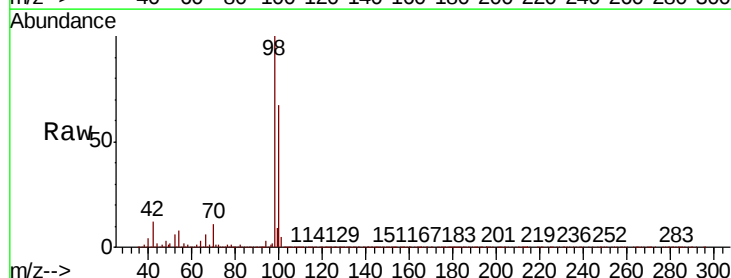
Acq: 15 Nov 2019 11:33

Tgt Ion: 98 Resp: 1315229

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

1000000

800000

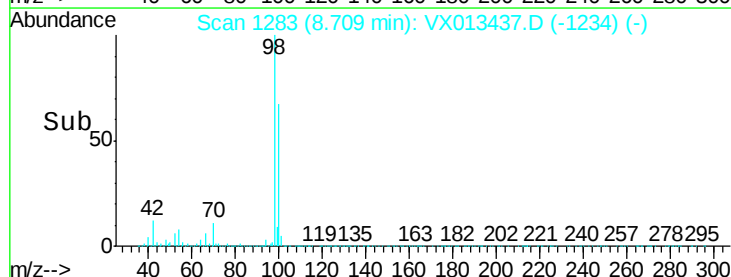
600000

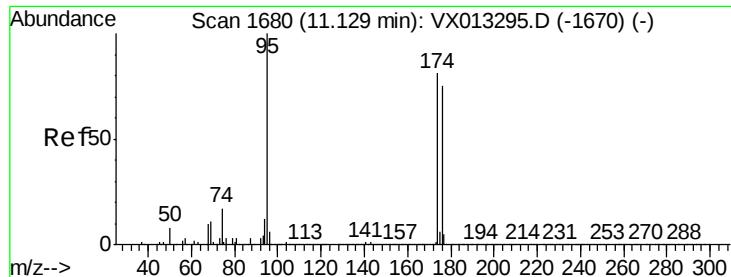
400000

200000

0

Time-->

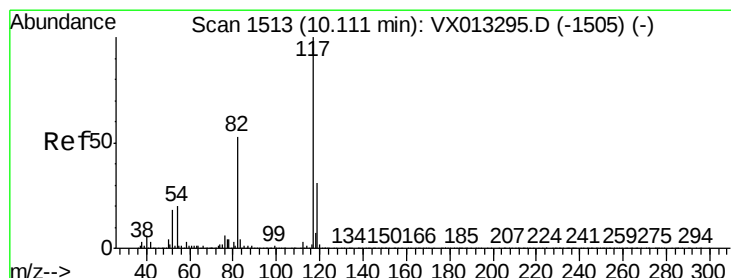
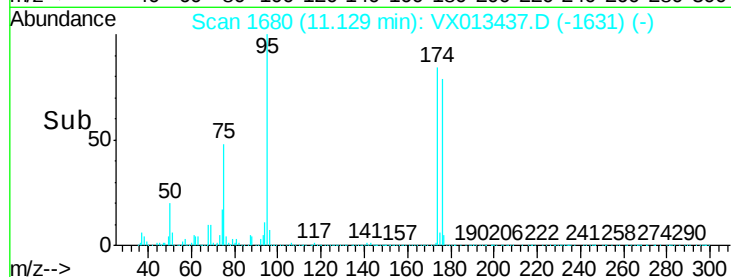
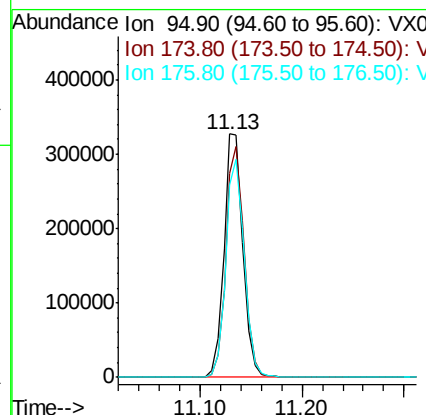
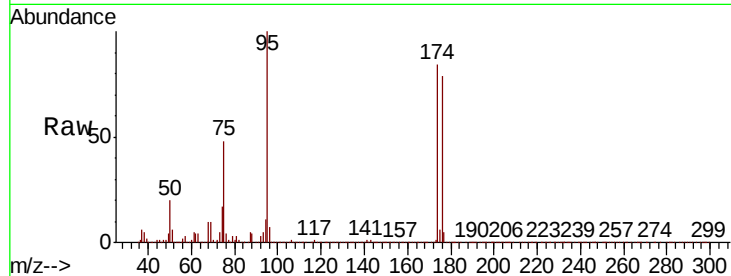




#62
4-Bromofluorobenzene
Concen: 45.230 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

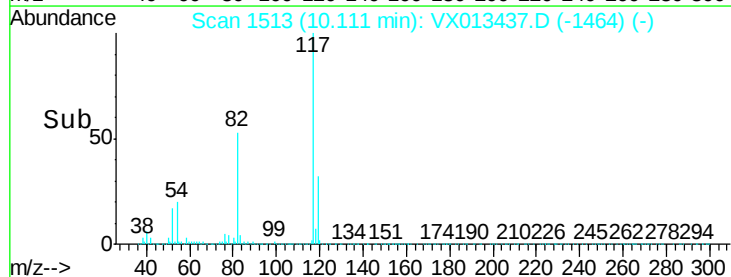
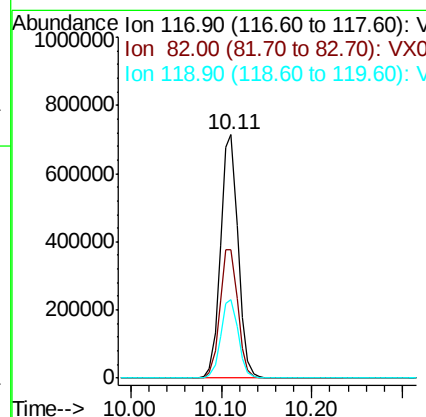
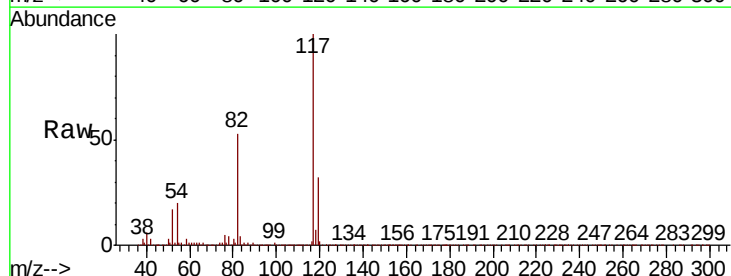
Instrument :
MSVOA_X
ClientSampled :
S36-0165

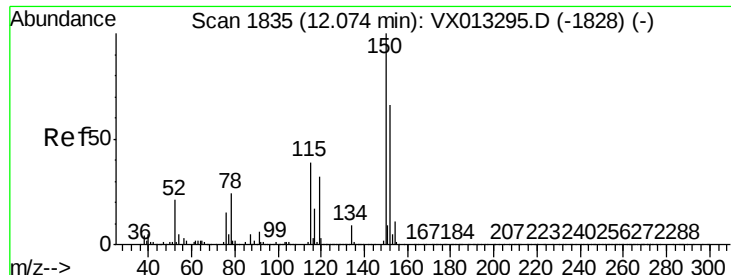
Tot Ion: 95 Resp: 425427
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.8
176 87.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 117 Resp: 969465
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.4 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013437.D

Acq: 15 Nov 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

S36-0165

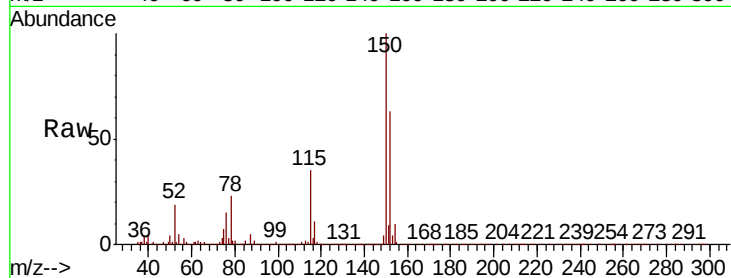
Tot Ion:152 Resp: 423382

Ion Ratio Lower Upper

152 100

115 55.4 39.5 118.3

150 157.2 0.0 344.4



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

