

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013438.D
 Acq On : 15 Nov 2019 11:56
 Operator : JC/SP
 Sample : K5842-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0166

Quant Time: Nov 15 23:43:23 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

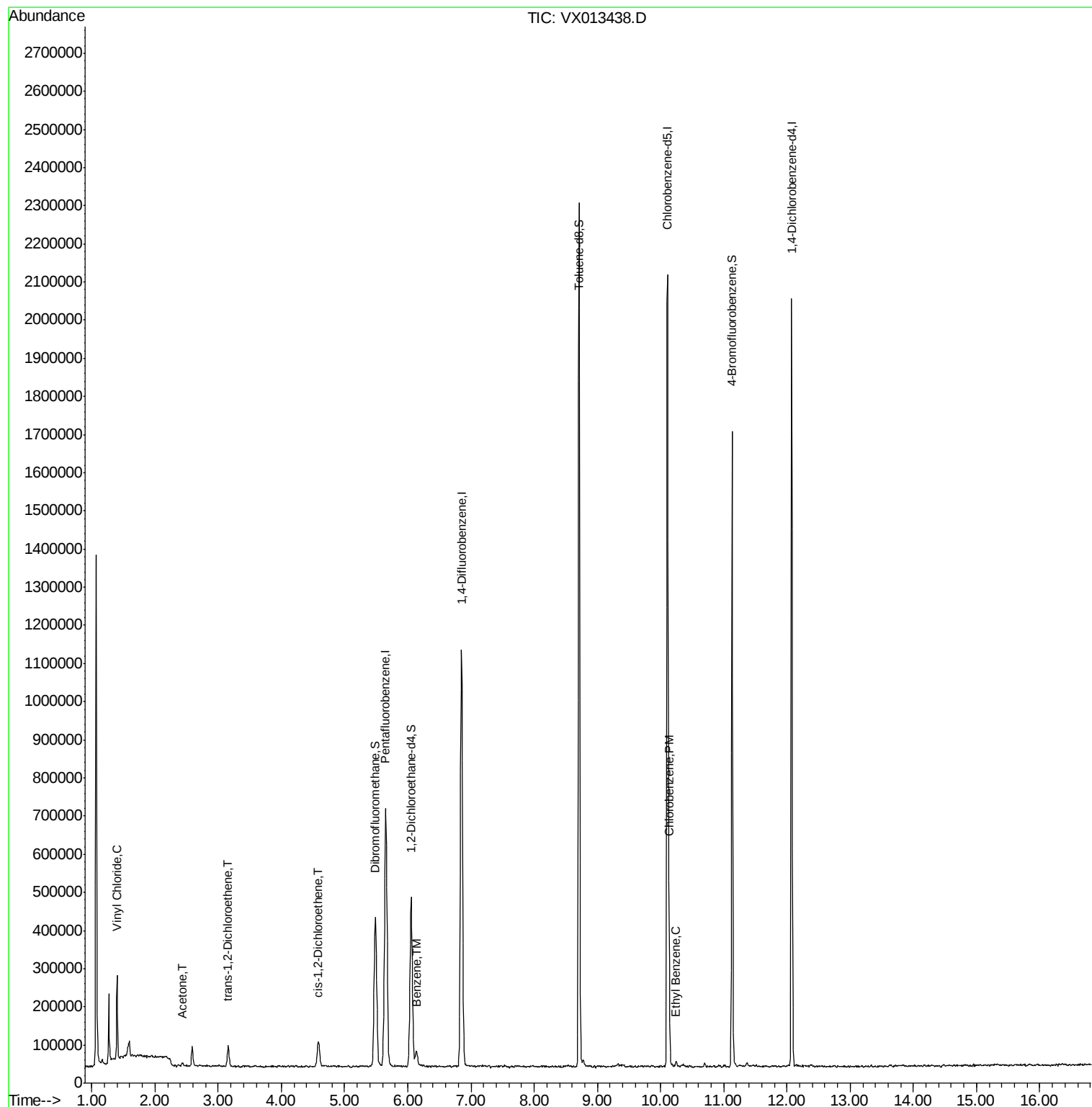
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	701811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1124146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	428794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	410019	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	5.48	113	346331	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	1340896	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	433708	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	135896	13.612	ug/l	99
16) Acetone	2.43	43	12264	2.957	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	26657	3.803	ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	43436	5.532	ug/l	95
40) Benzene	6.14	78	50974	1.697	ug/l	98
65) Chlorobenzene	10.14	112	174769	8.760	ug/l	97
67) Ethyl Benzene	10.25	91	8993	0.261	ug/l	99

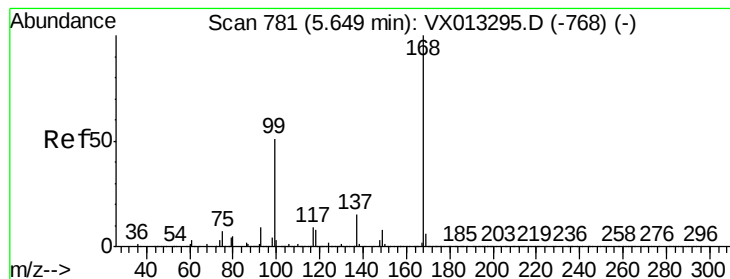
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
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# 781

Delta R.T. 0.00 min

Lab File: VX013438.D

Acq: 15 Nov 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

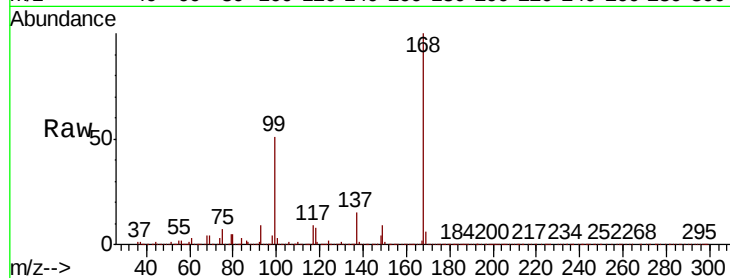
S36-0166

Tot Ion:168 Resp: 701811

Ion Ratio Lower Upper

168 100

99 50.5 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

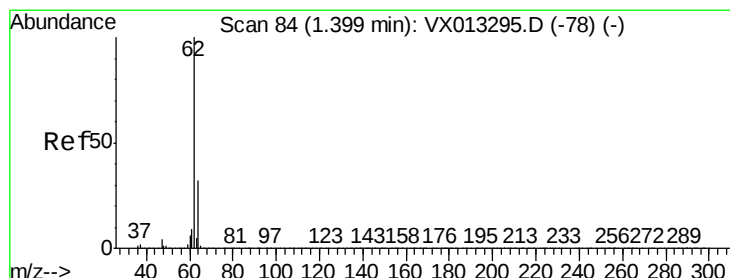
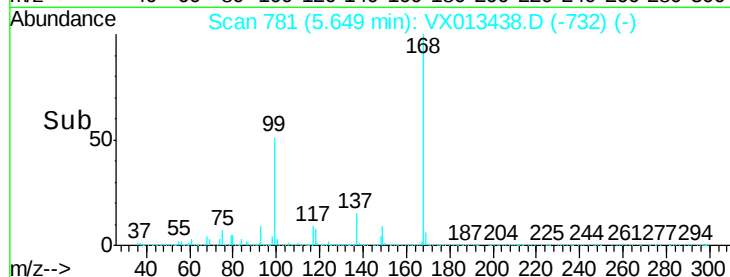
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 13.612 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013438.D

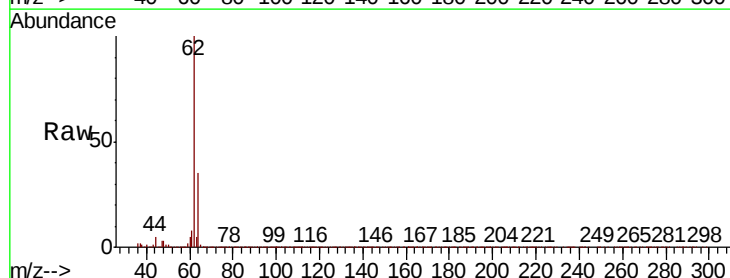
Acq: 15 Nov 2019 11:56

Tgt Ion: 62 Resp: 135896

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

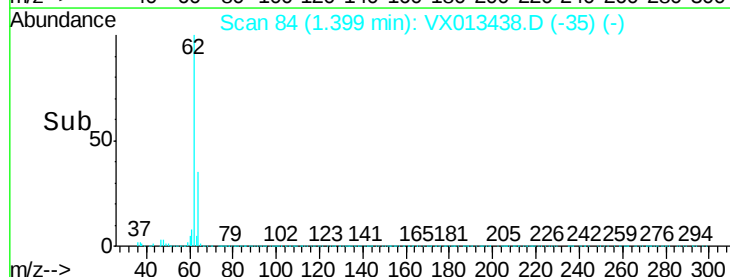
150000

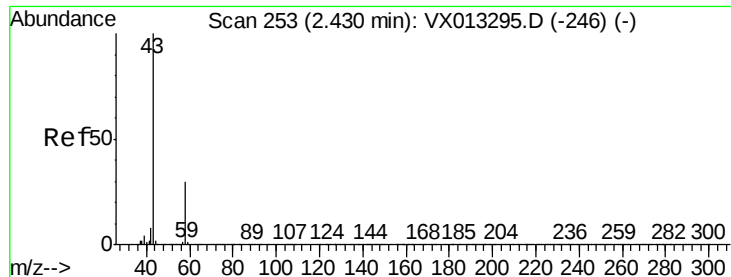
100000

50000

0

Time-->

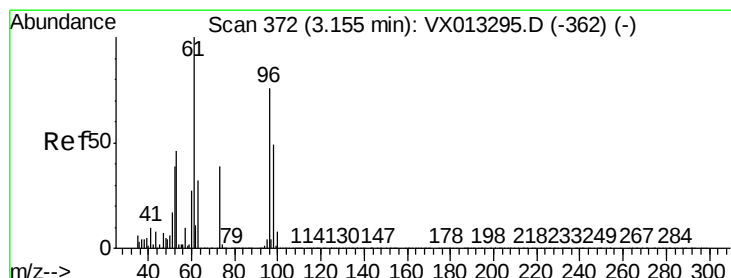
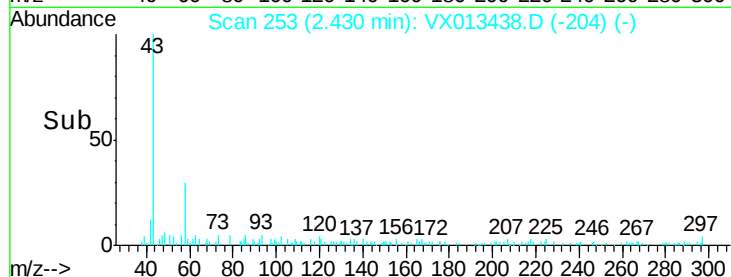
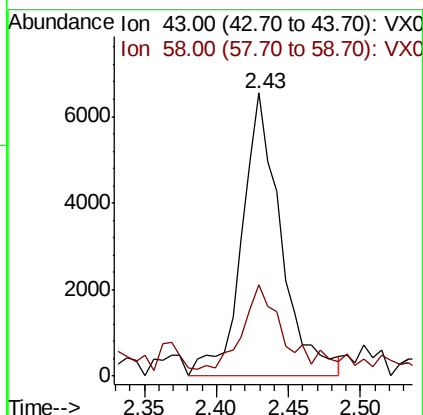
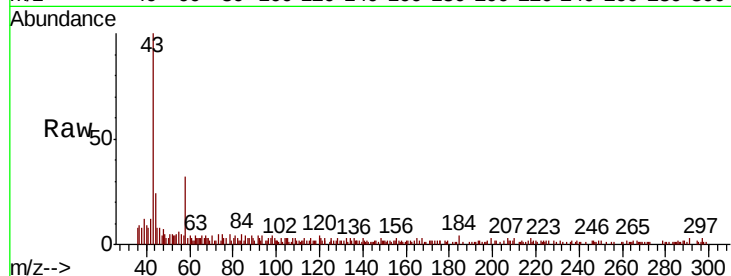




#16
Acetone
Concen: 2.957 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013438.D
Acq: 15 Nov 2019 11:56

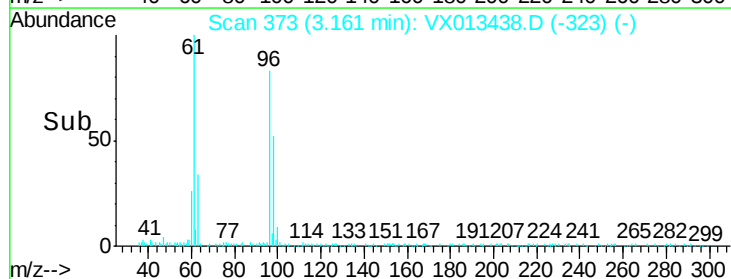
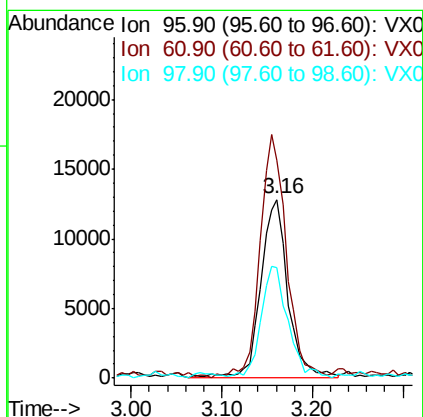
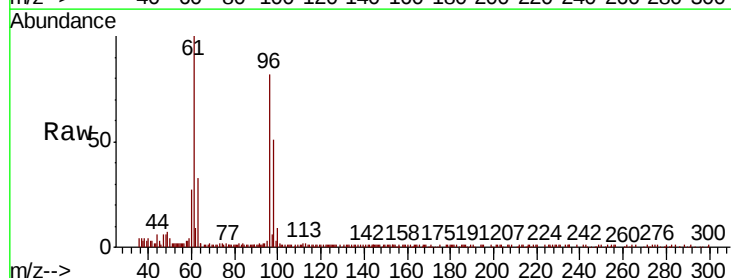
Instrument :
MSVOA_X
ClientSampleId :
S36-0166

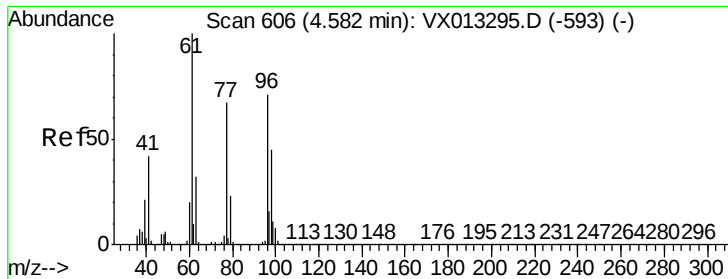
Tot Ion: 43 Resp: 12264
Ion Ratio Lower Upper
43 100
58 29.1 24.3 36.5



#21
trans-1,2-Dichloroethene
Concen: 3.803 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013438.D
Acq: 15 Nov 2019 11:56

Tgt Ion: 96 Resp: 26657
Ion Ratio Lower Upper
96 100
61 121.3 105.8 158.6
98 63.0 51.8 77.6



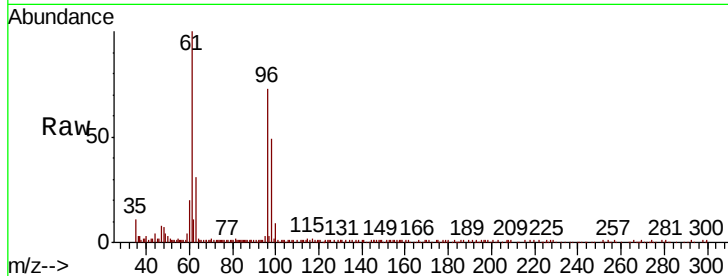


#27

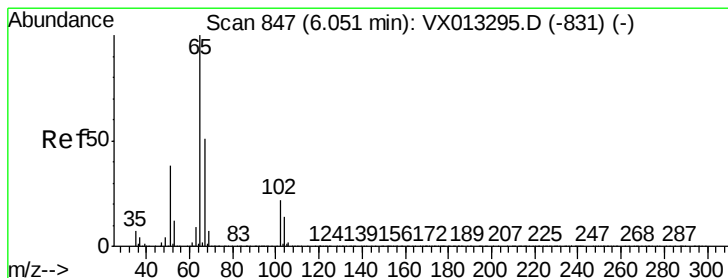
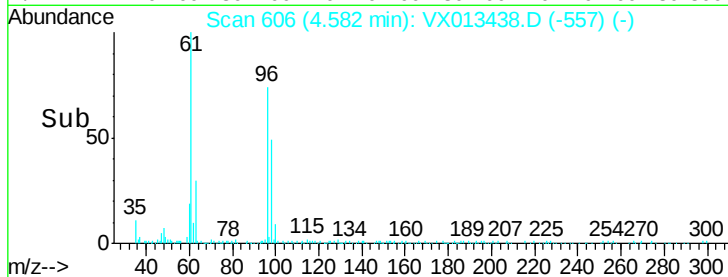
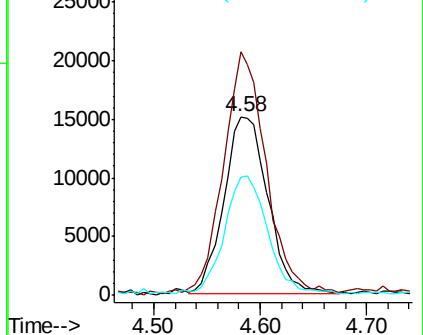
cis-1,2-Dichloroethene
Concen: 5.532 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013438.D
Acq: 15 Nov 2019 11:56

Instrument :
MSVOA_X
ClientSampled :
S36-0166

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	288.0
98	66.3	0.0	129.6



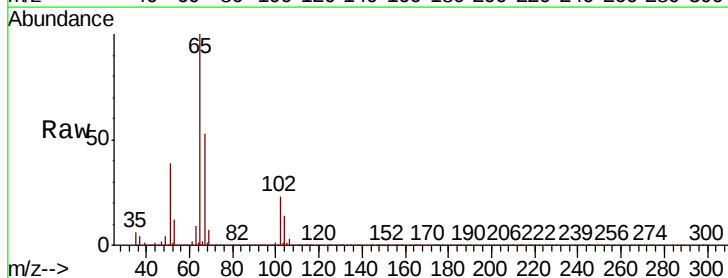
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



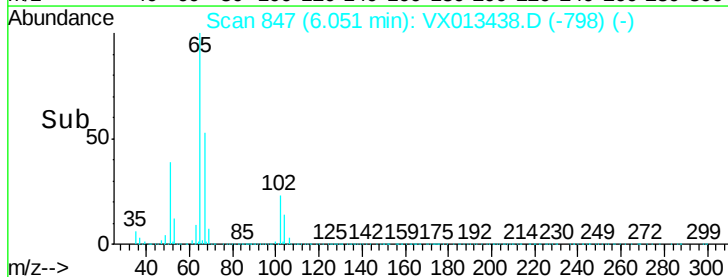
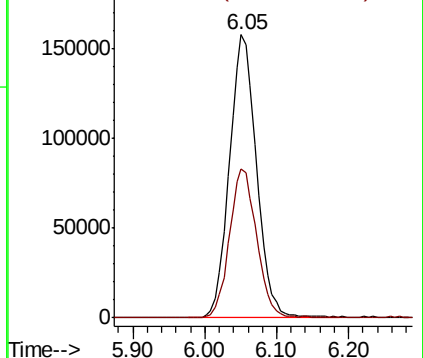
#33

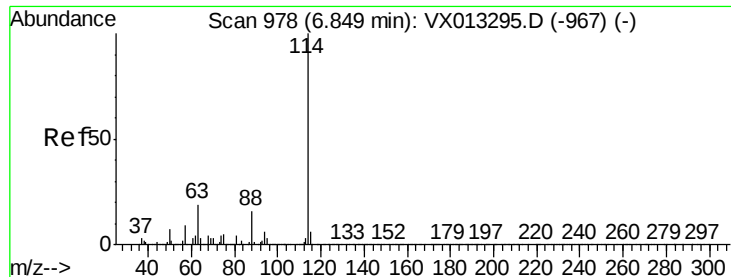
1,2-Dichloroethane-d4
Concen: 49.314 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013438.D
Acq: 15 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.2



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: VX013438.D

Acq: 15 Nov 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

S36-0166

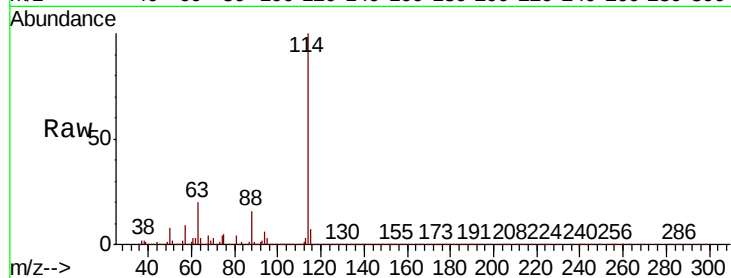
Tot Ion:114 Resp: 1124146

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

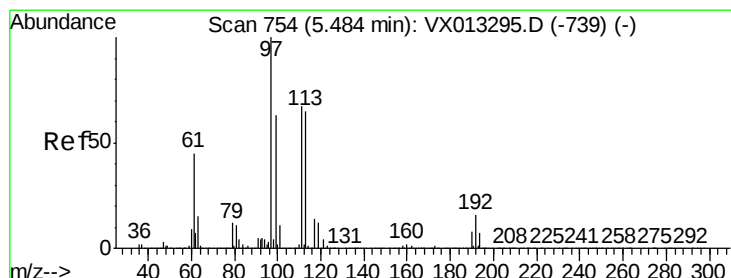
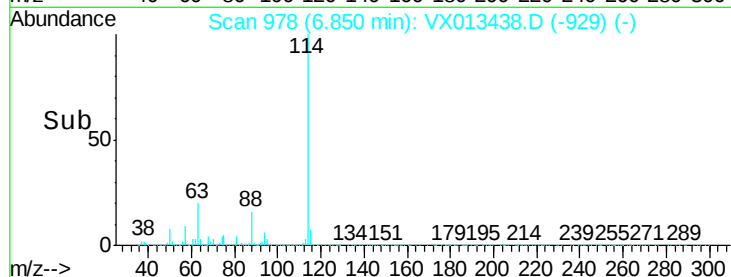
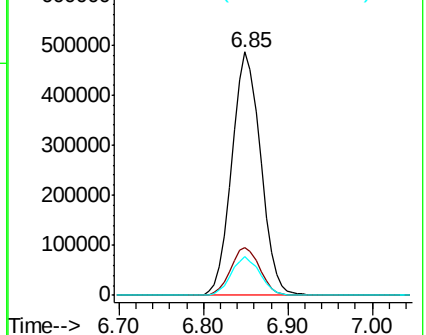
88 15.9 0.0 32.2



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: 49.119 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013438.D

Acq: 15 Nov 2019 11:56

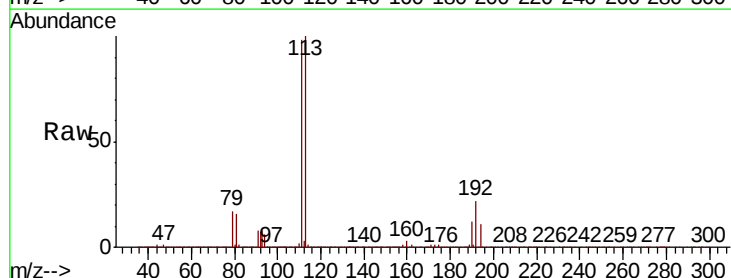
Tgt Ion:113 Resp: 346331

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

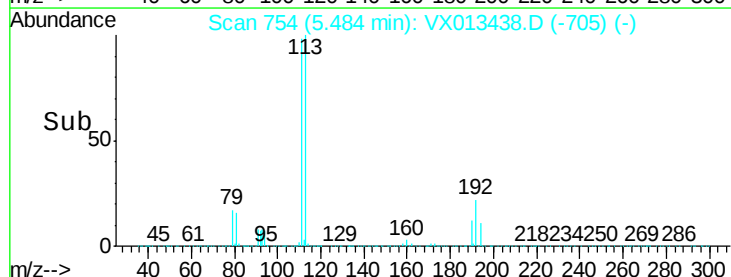
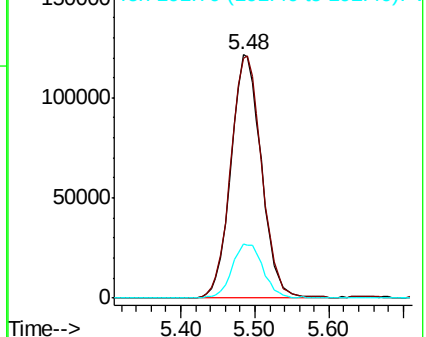
192 23.1 19.1 28.7

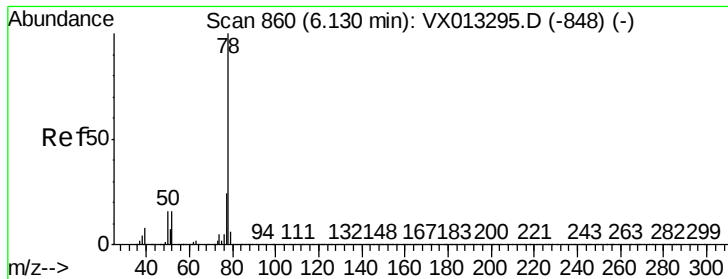


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.697 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013438.D

Acq: 15 Nov 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

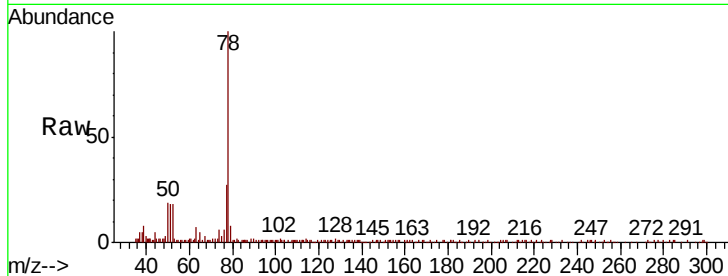
S36-0166

Tot Ion: 78 Resp: 50974

Ion Ratio Lower Upper

78 100

77 25.3 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

20000

15000

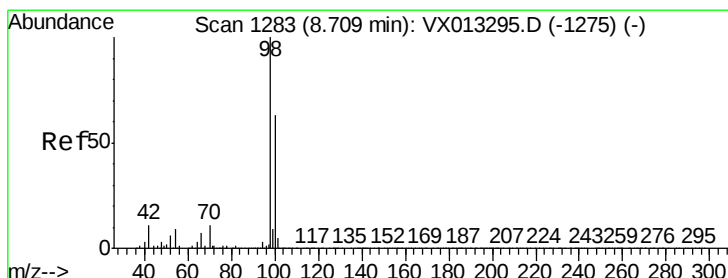
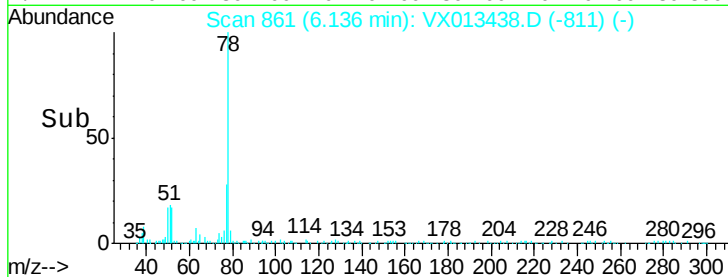
10000

5000

0

6.05 6.10 6.15 6.20

Time-->



#50

Toluene-d8

Concen: 50.446 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013438.D

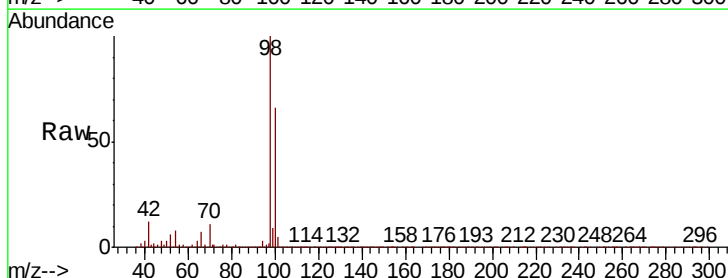
Acq: 15 Nov 2019 11:56

Tgt Ion: 98 Resp: 1340896

Ion Ratio Lower Upper

98 100

100 65.6 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

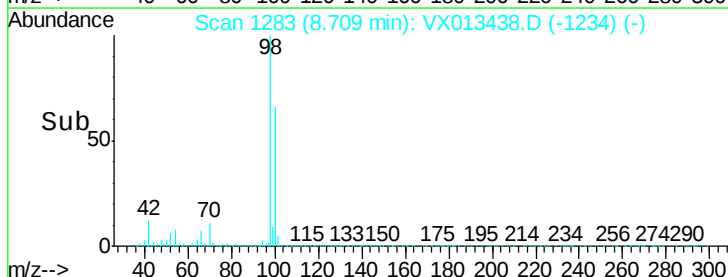
400000

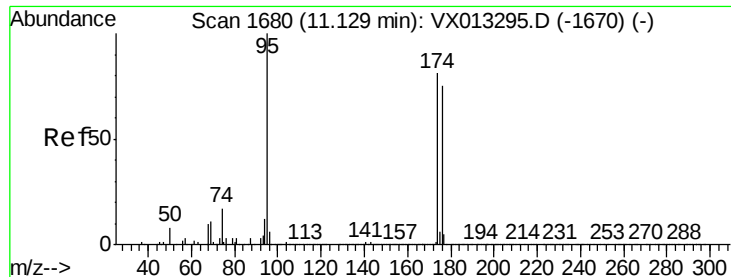
200000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 45.210 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013438.D

Acq: 15 Nov 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

S36-0166

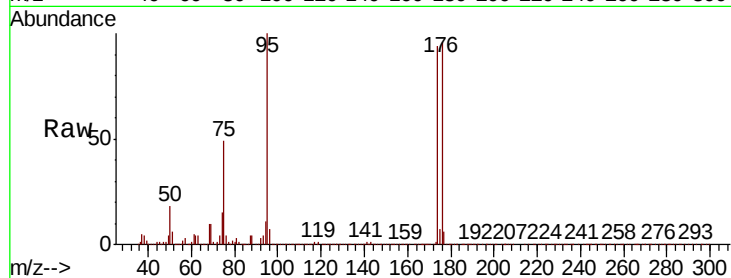
Tot Ion: 95 Resp: 433708

Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.8

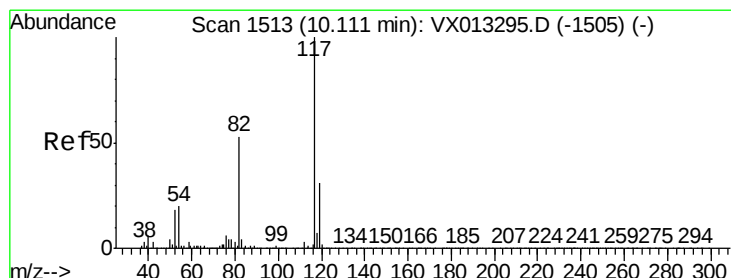
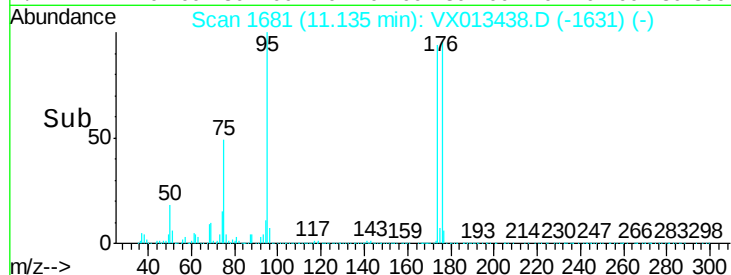
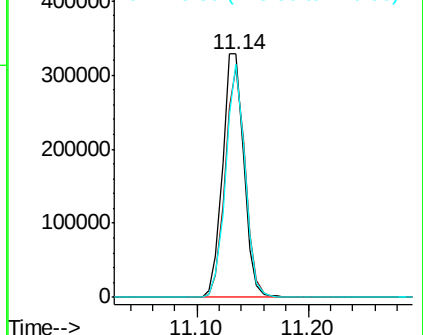
176 86.9 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX013295.D (-1670) (-)

Ion 173.80 (173.50 to 174.50): VX013295.D (-1670) (-)

Ion 175.80 (175.50 to 176.50): VX013295.D (-1670) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013438.D

Acq: 15 Nov 2019 11:56

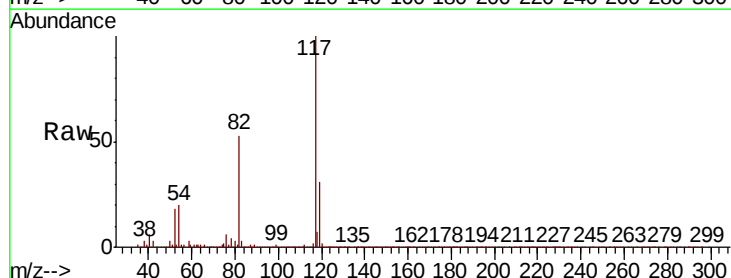
Tgt Ion: 117 Resp: 985496

Ion Ratio Lower Upper

117 100

82 52.7 42.6 64.0

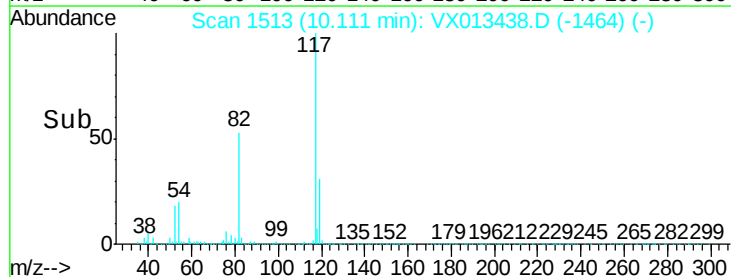
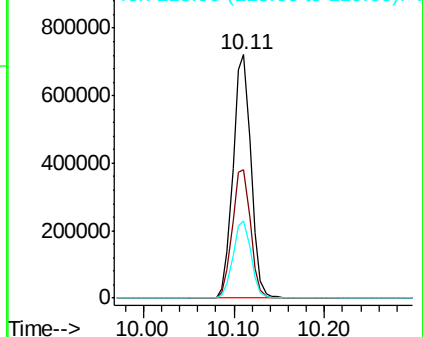
119 31.4 24.8 37.2

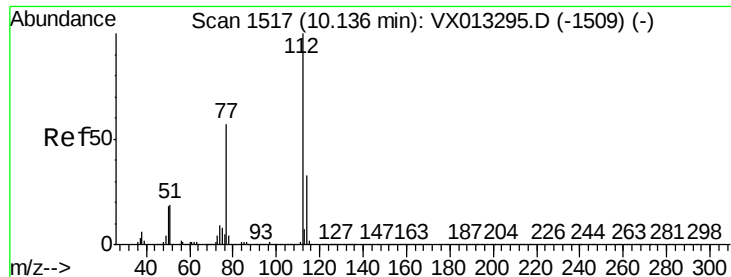


Abundance Ion 116.90 (116.60 to 117.60): VX013295.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013295.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013295.D (-1505) (-)





#65

Chlorobenzene

Concen: 8.760 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013438.D

Acq: 15 Nov 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

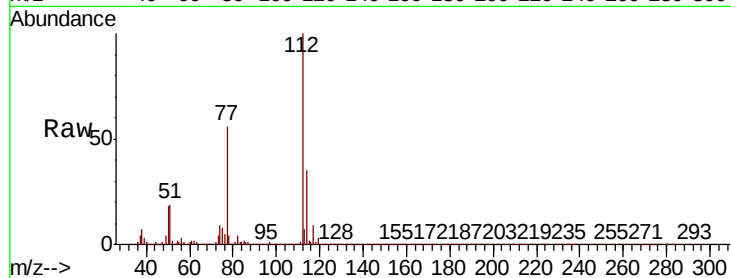
S36-0166

Tot Ion:112 Resp: 174769

Ion Ratio Lower Upper

112 100

114 34.4 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

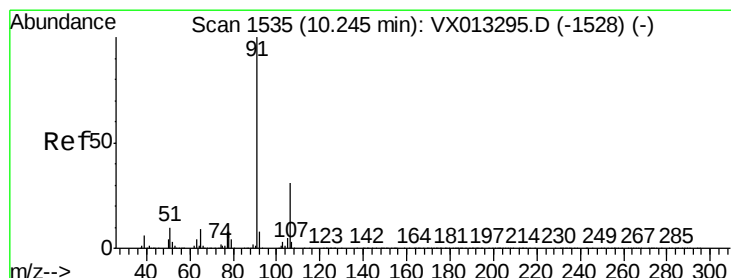
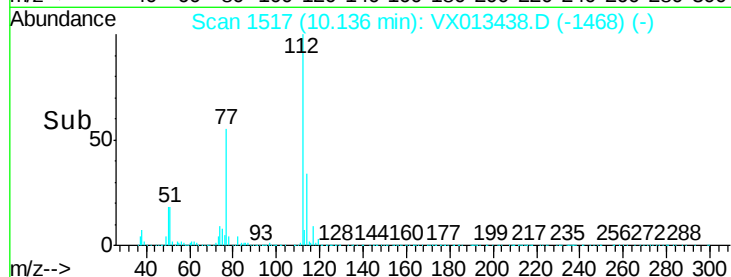
150000

100000

50000

0

Time-->



#67

Ethyl Benzene

Concen: 0.261 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013438.D

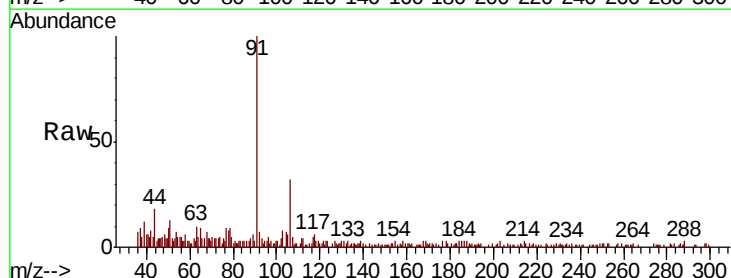
Acq: 15 Nov 2019 11:56

Tgt Ion: 91 Resp: 8993

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

10.25

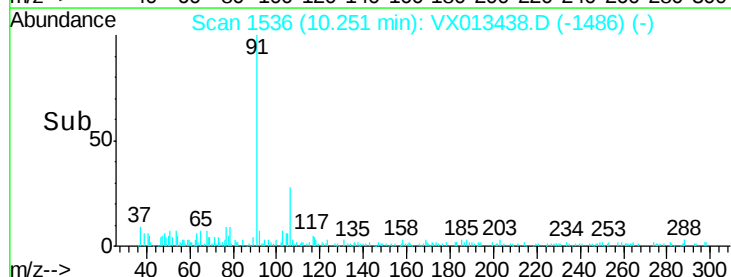
6000

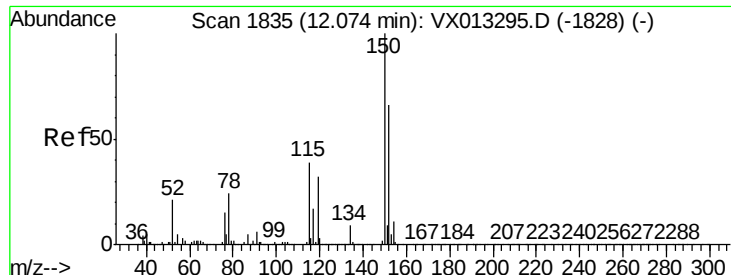
4000

2000

0

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: VX013438.D

Acq: 15 Nov 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

S36-0166

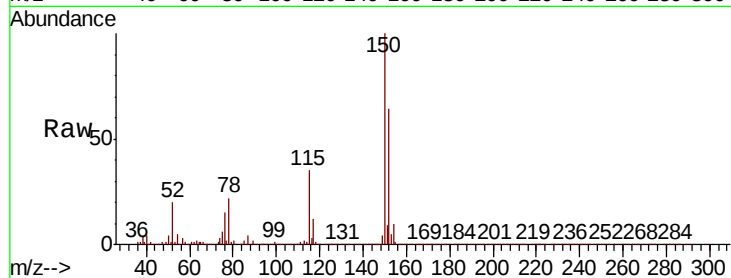
Tot Ion:152 Resp: 428794

Ion Ratio Lower Upper

152 100

115 55.5 39.5 118.3

150 155.8 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

