

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013394.D
 Acq On : 12 Nov 2019 18:48
 Operator : JC/SP
 Sample : K5799-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-315-SRI4

Quant Time: Nov 13 03:40:03 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	763395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1210887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1092068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	496071	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	432400	47.81	ug/l	0.00
Spiked Amount						
			Recovery	=	95.62%	
35) Dibromofluoromethane	5.49	113	371642	48.93	ug/l	0.00
Spiked Amount						
			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	1449278	50.62	ug/l	0.00
Spiked Amount						
			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	485833	47.02	ug/l	0.00
Spiked Amount						
			Recovery	=	94.04%	

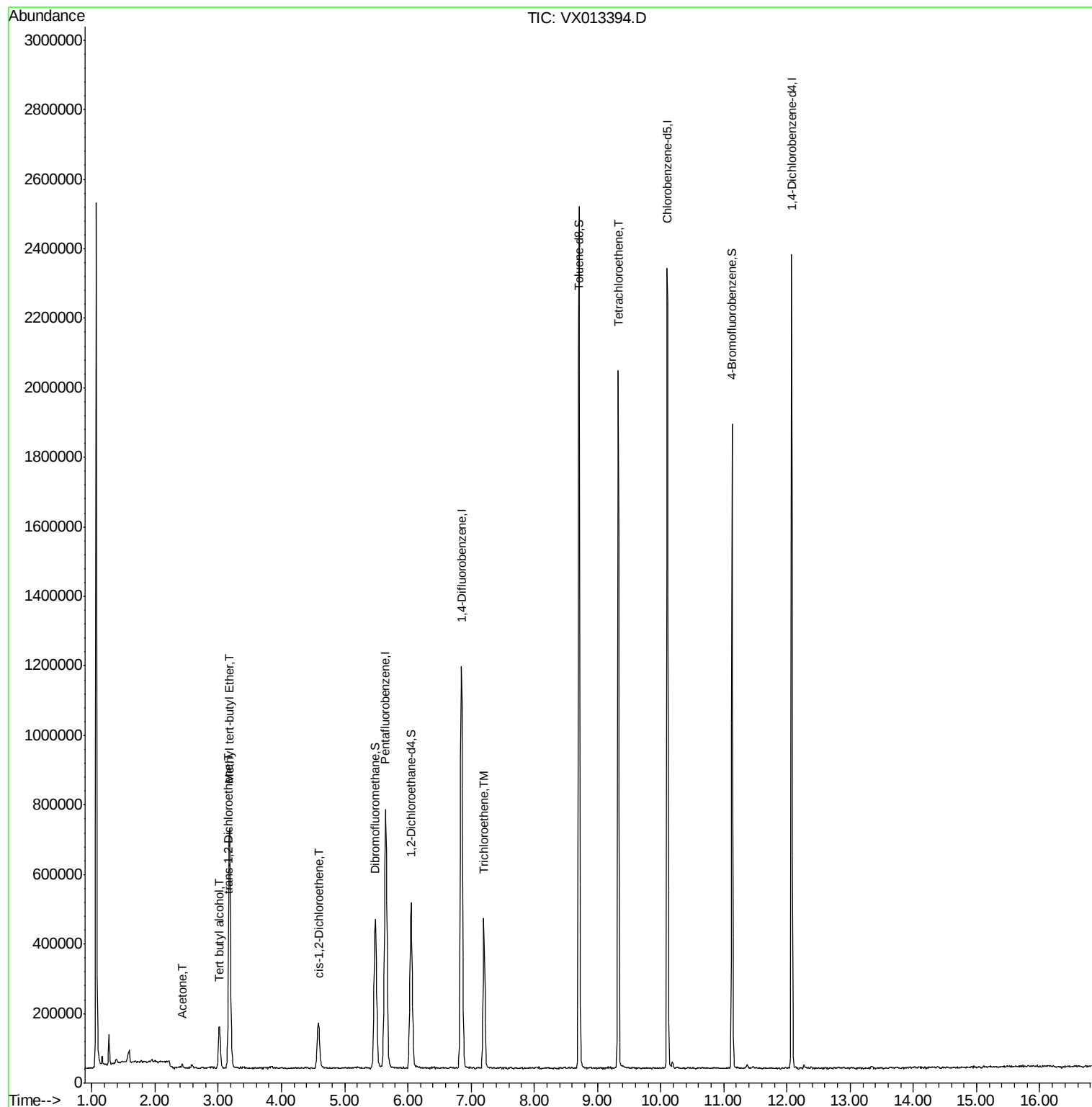
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	146809	61.588	ug/l	99
16) Acetone	2.43	43	11912	2.641	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	761528	32.606	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	19000	2.492	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	84379	9.879	ug/l	90
44) Trichloroethene	7.20	130	172305	19.345	ug/l	97
64) Tetrachloroethene	9.33	164	390567	49.959	ug/l	97

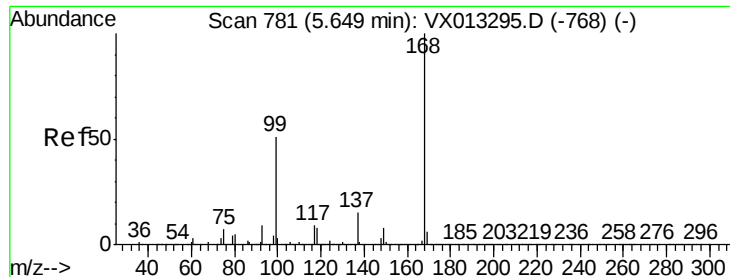
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111219\
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Quant Time: Nov 13 03:40:03 2019
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: VX013394.D

Acq: 12 Nov 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

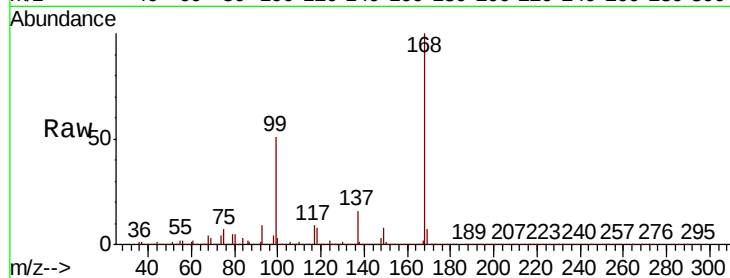
MW-315-SRI4

Tot Ion:168 Resp: 763395

Ion Ratio Lower Upper

168 100

99 51.3 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

300000

250000

200000

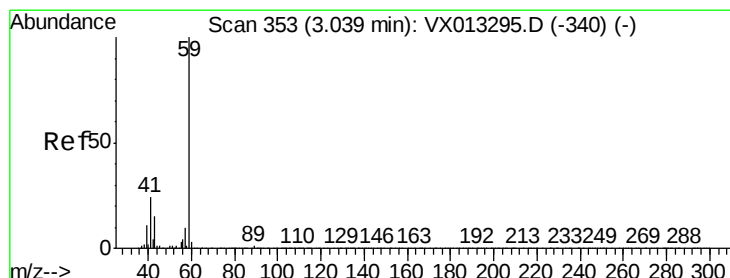
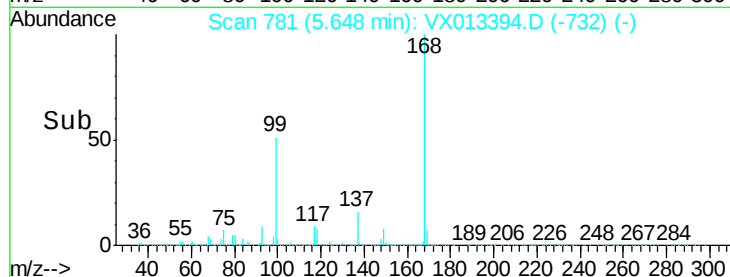
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 61.588 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.02 min

Lab File: VX013394.D

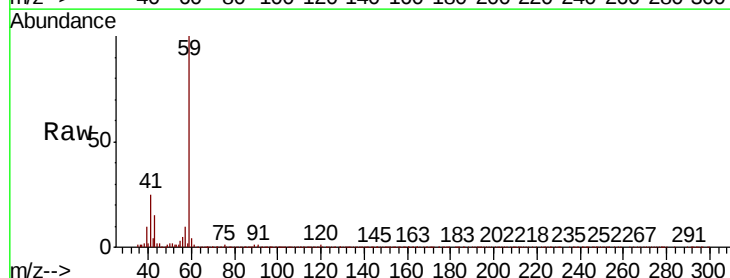
Acq: 12 Nov 2019 18:48

Tgt Ion: 59 Resp: 146809

Ion Ratio Lower Upper

59 100

57 10.3 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

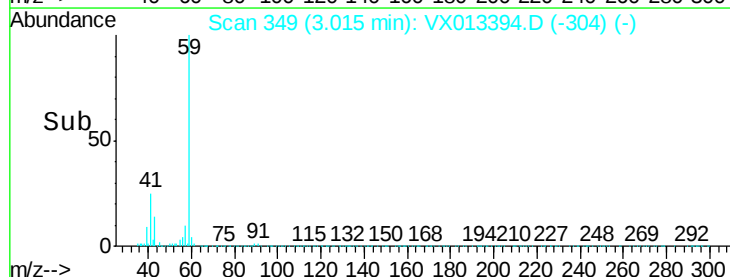
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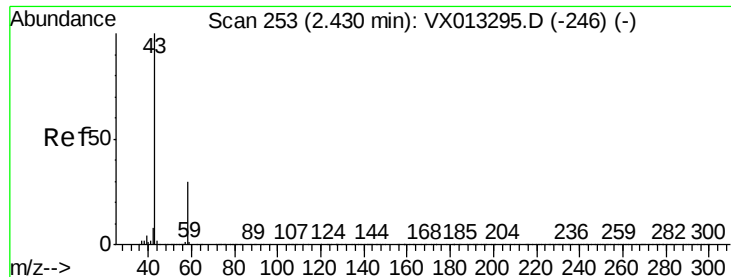
40000

20000

0

Time-->

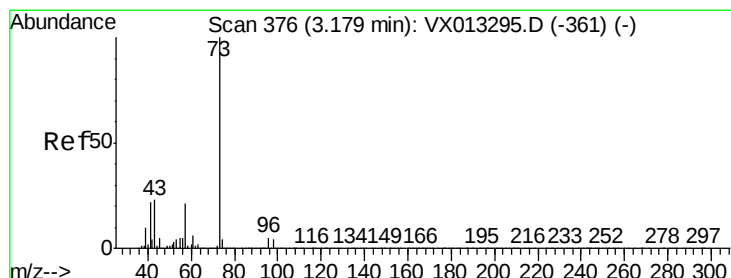
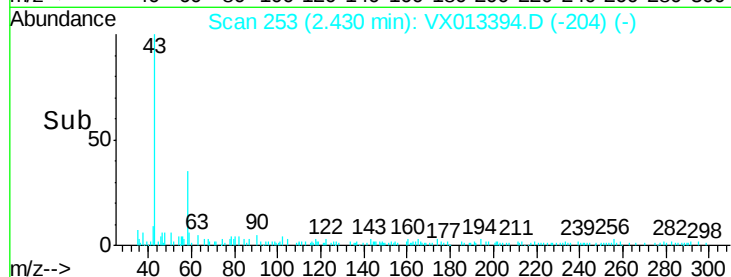
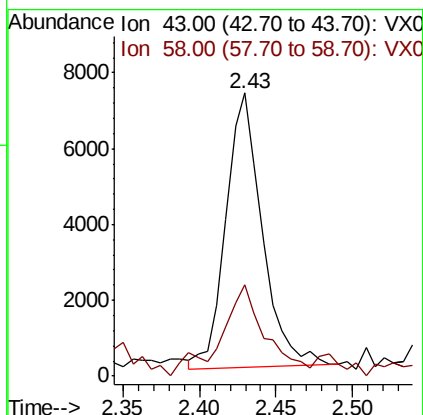
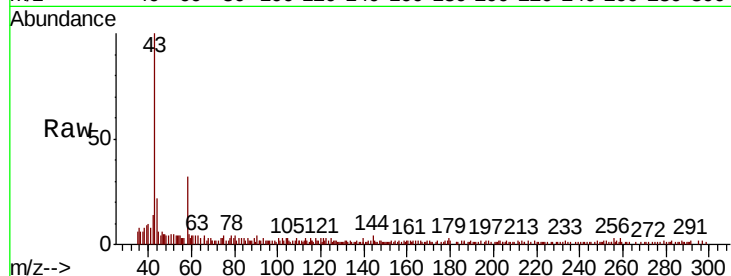




#16
Acetone
Concen: 2.641 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013394.D
Acq: 12 Nov 2019 18:48

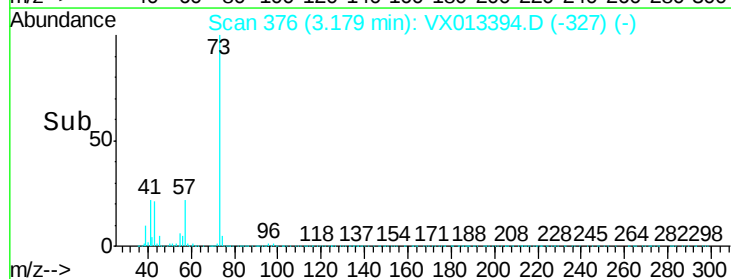
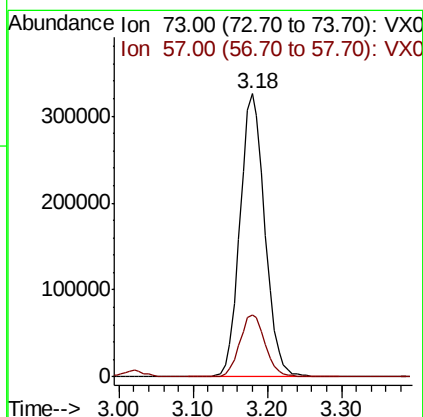
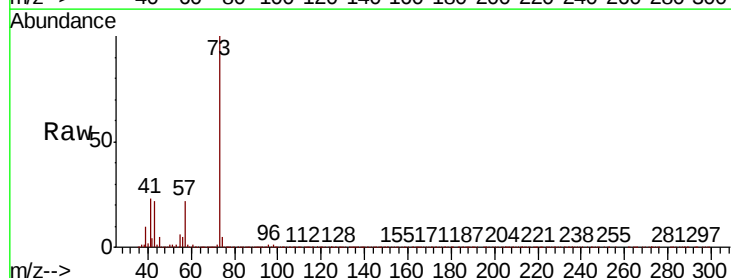
Instrument :
MSVOA_X
ClientSampleId :
MW-315-SRI4

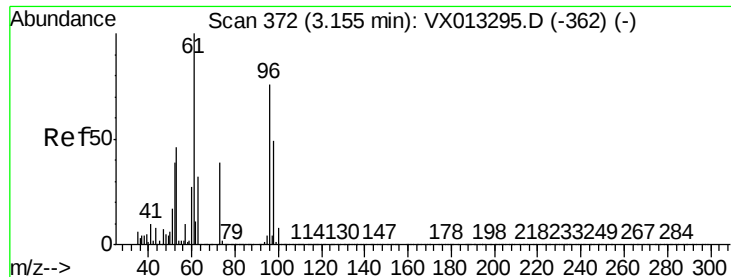
Tot Ion: 43 Resp: 11912
Ion Ratio Lower Upper
43 100
58 29.4 24.3 36.5



#19
Methyl tert-butyl Ether
Concen: 32.606 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013394.D
Acq: 12 Nov 2019 18:48

Tgt Ion: 73 Resp: 761528
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7





#21

trans-1,2-Dichloroethene

Concen: 2.492 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013394.D

Acq: 12 Nov 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

MW-315-SRI4

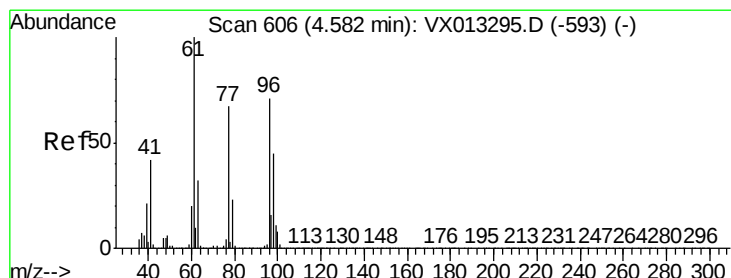
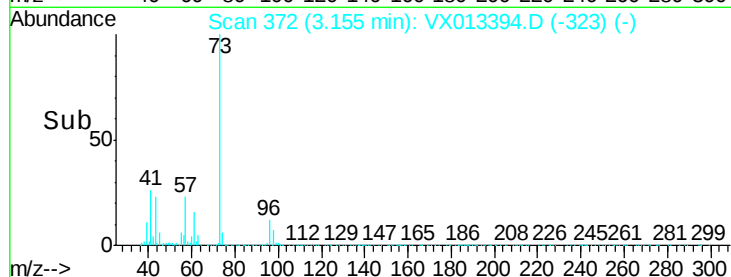
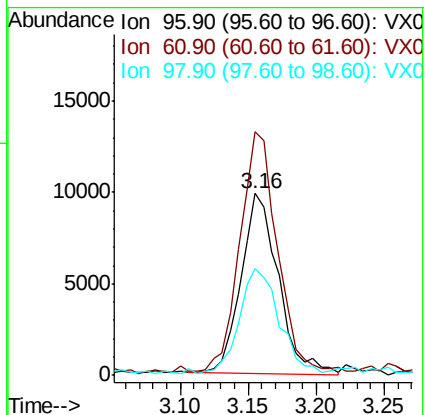
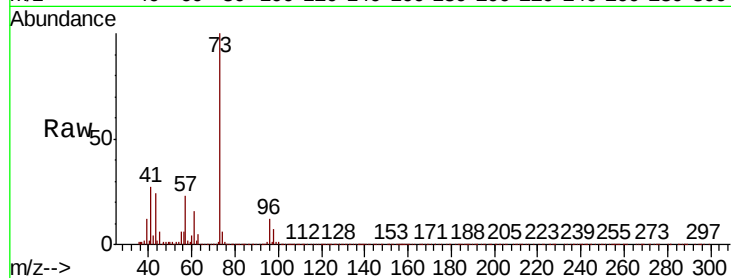
Tot Ion: 96 Resp: 19000

Ion Ratio Lower Upper

96 100

61 133.0 105.8 158.6

98 56.0 51.8 77.6



#27

cis-1,2-Dichloroethene

Concen: 9.879 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013394.D

Acq: 12 Nov 2019 18:48

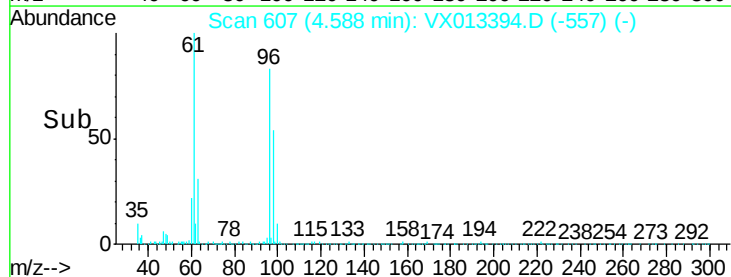
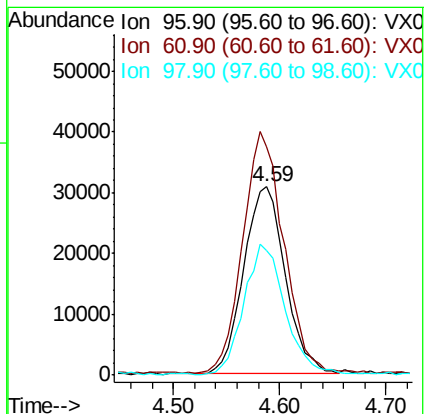
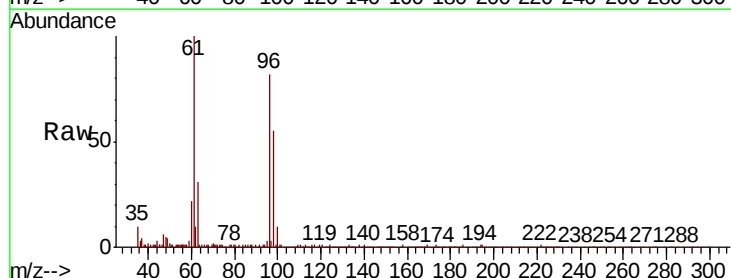
Tgt Ion: 96 Resp: 84379

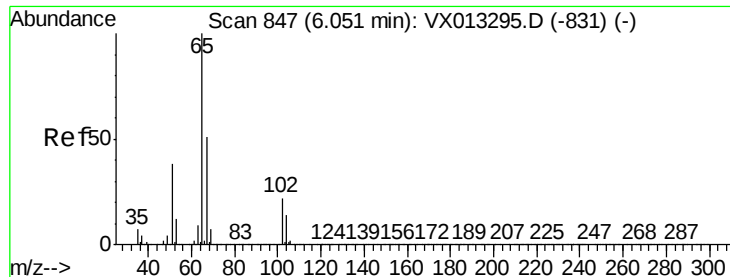
Ion Ratio Lower Upper

96 100

61 128.7 0.0 288.0

98 68.4 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 47.811 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013394.D

Acq: 12 Nov 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

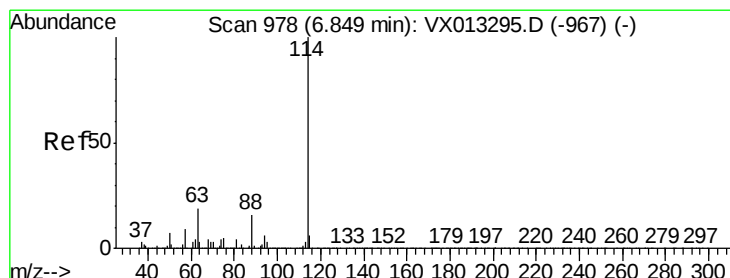
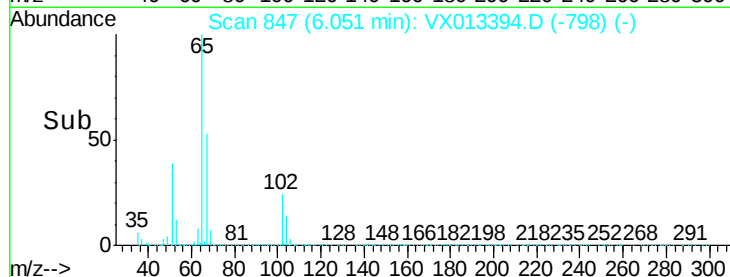
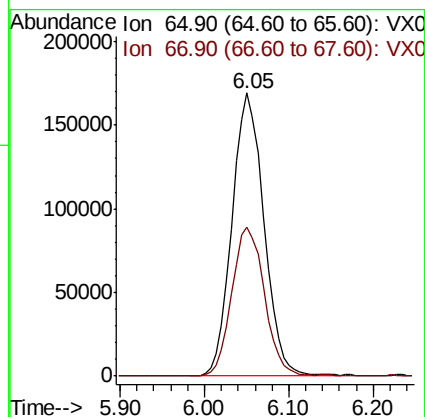
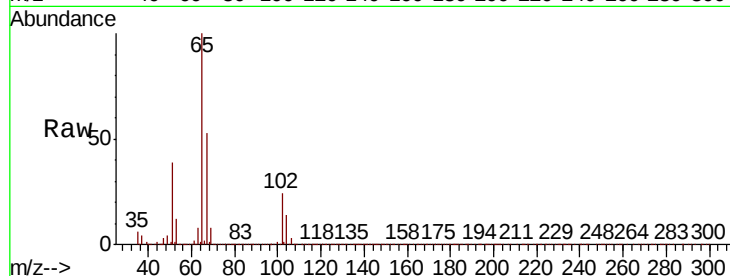
MW-315-SRI4

Tot Ion: 65 Resp: 432400

Ion Ratio Lower Upper

65 100

67 53.8 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: VX013394.D

Acq: 12 Nov 2019 18:48

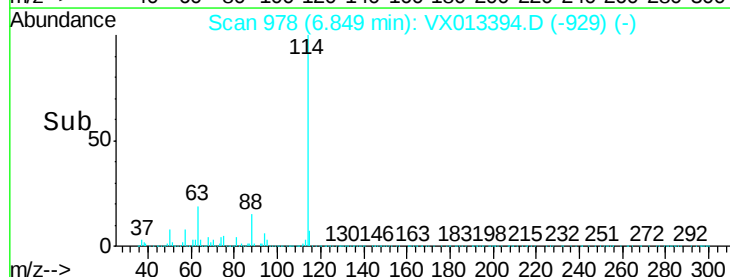
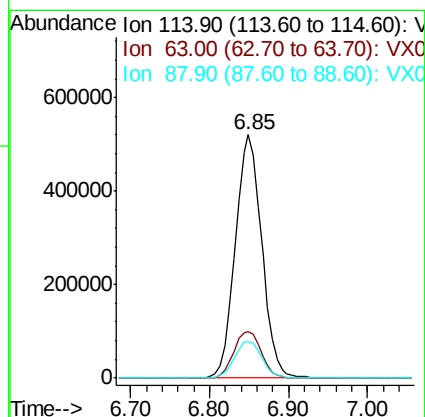
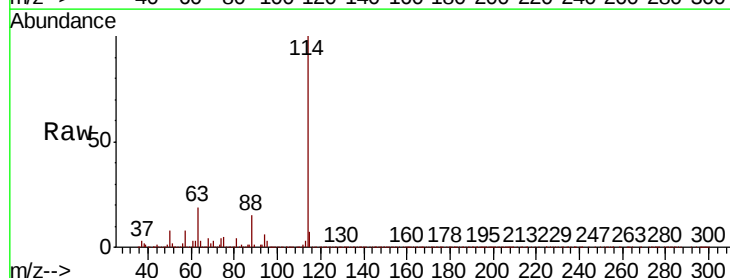
Tgt Ion: 114 Resp: 1210887

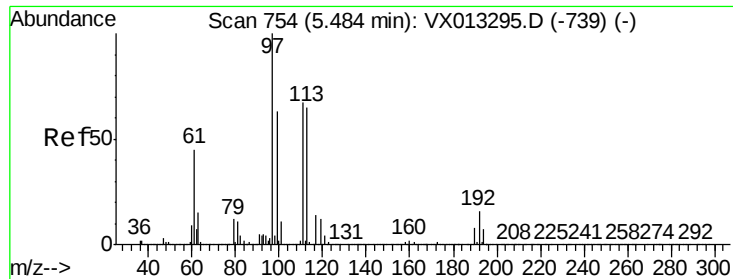
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.0 0.0 32.2

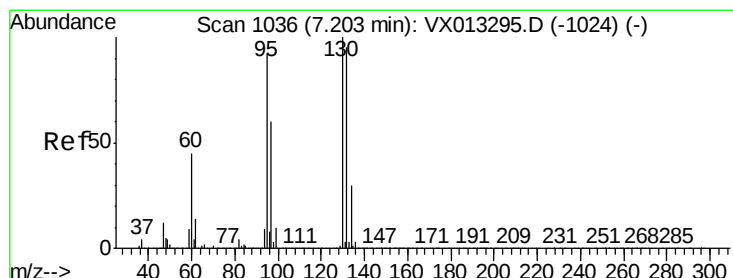
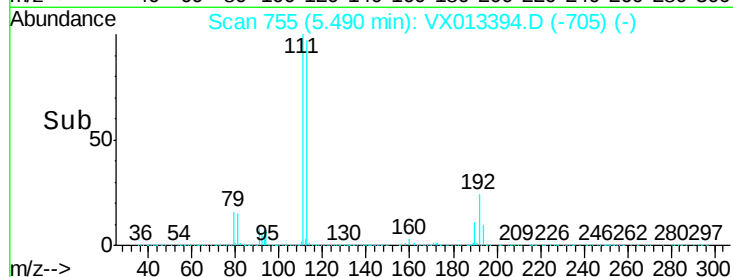
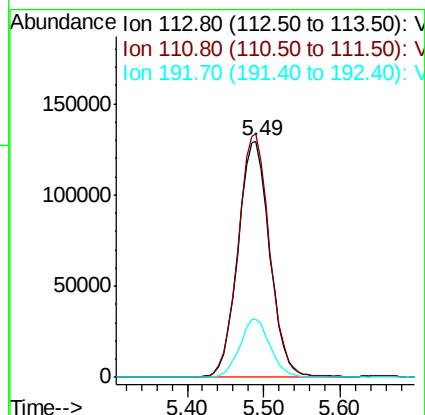
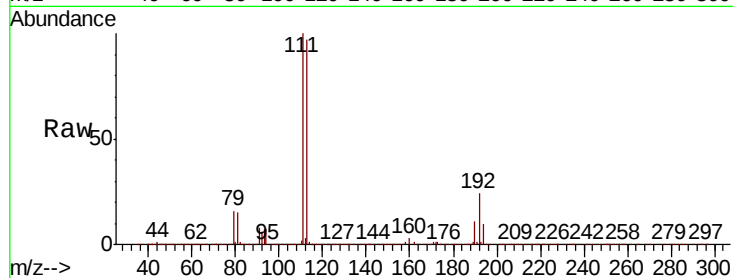




#35
Dibromofluoromethane
Concen: 48.934 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013394.D
Acq: 12 Nov 2019 18:48

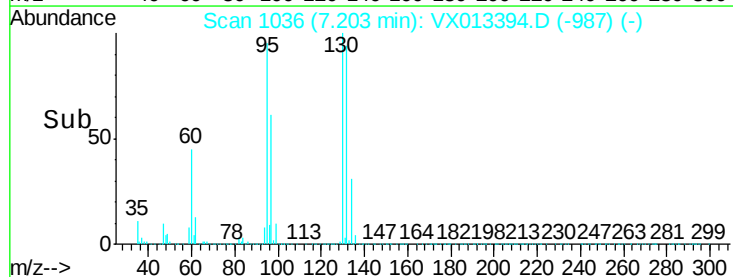
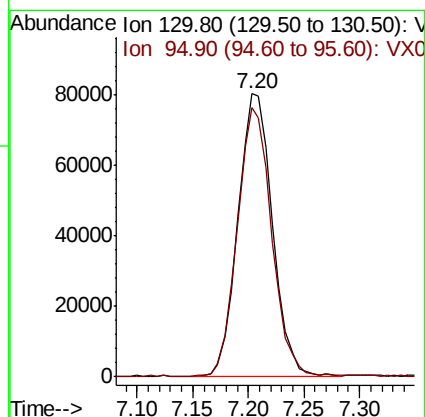
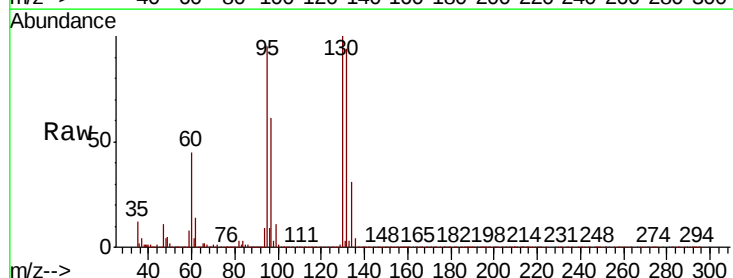
Instrument :
MSVOA_X
ClientSampleId :
MW-315-SRI4

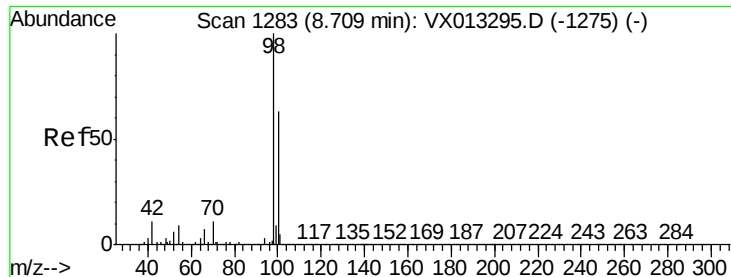
Tot Ion:113 Resp: 371642
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 24.1 19.1 28.7



#44
Trichloroethene
Concen: 19.345 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013394.D
Acq: 12 Nov 2019 18:48

Tgt Ion:130 Resp: 172305
Ion Ratio Lower Upper
130 100
95 95.0 0.0 184.8





#50

Toluene-d8

Concen: 50.618 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013394.D

Acq: 12 Nov 2019 18:48

Instrument :

MSVOA_X

ClientSampled :

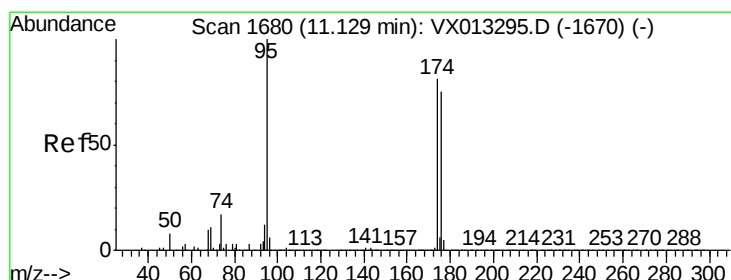
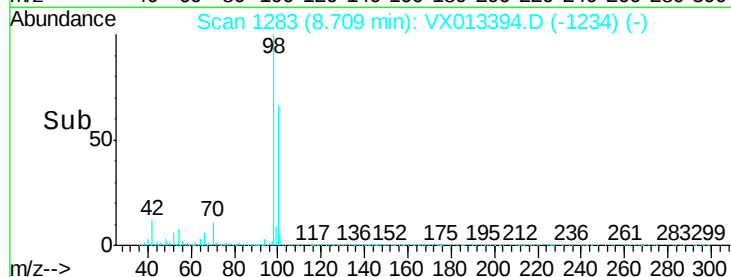
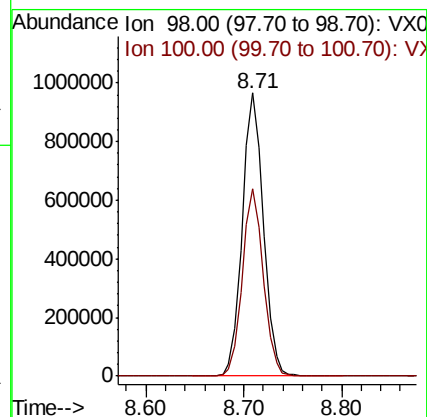
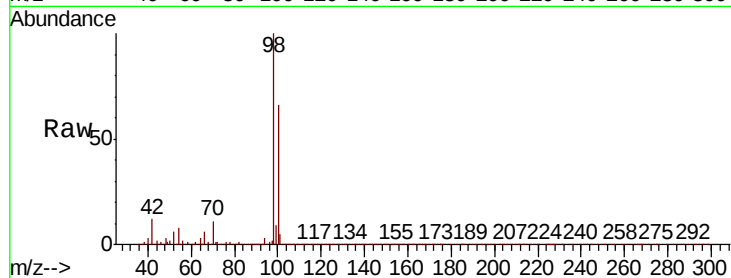
MW-315-SRI4

Tot Ion: 98 Resp: 1449278

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.016 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013394.D

Acq: 12 Nov 2019 18:48

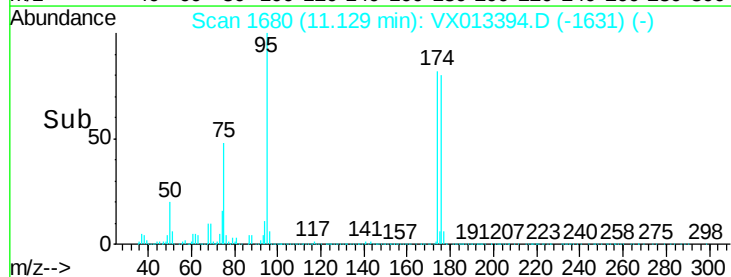
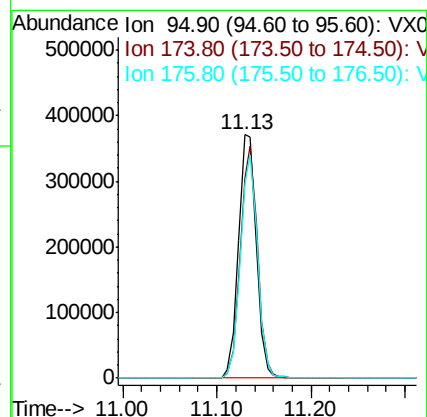
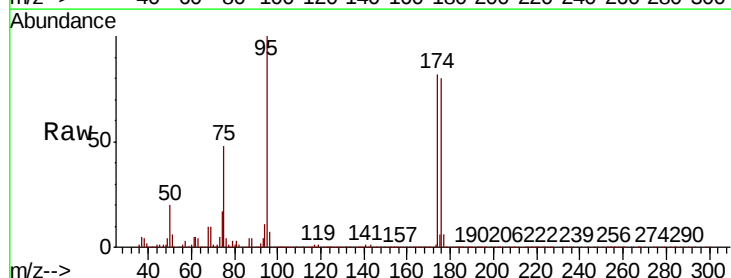
Tgt Ion: 95 Resp: 485833

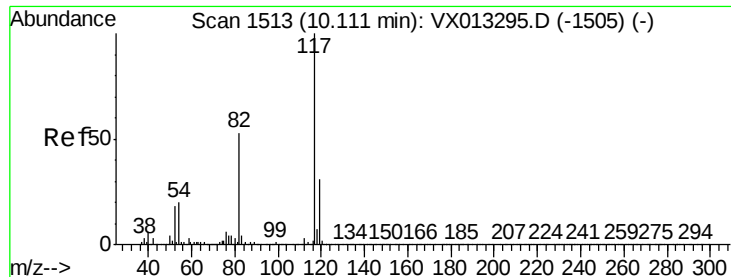
Ion Ratio Lower Upper

95 100

174 91.8 0.0 179.8

176 88.4 0.0 173.0

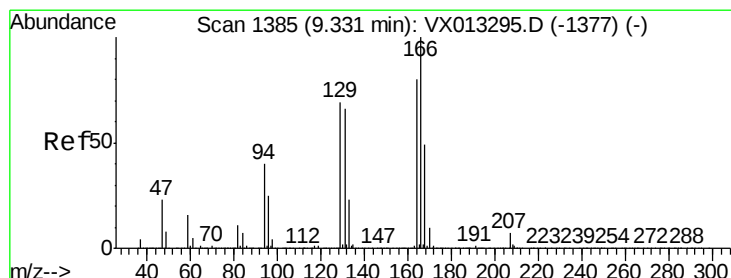
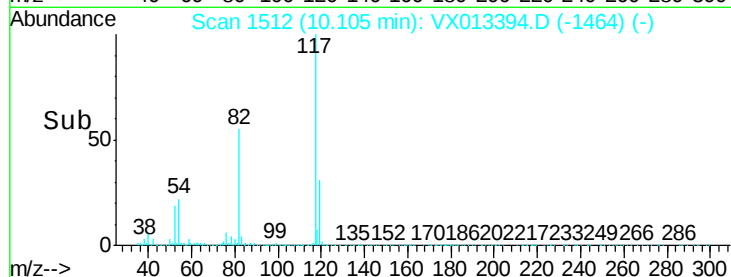
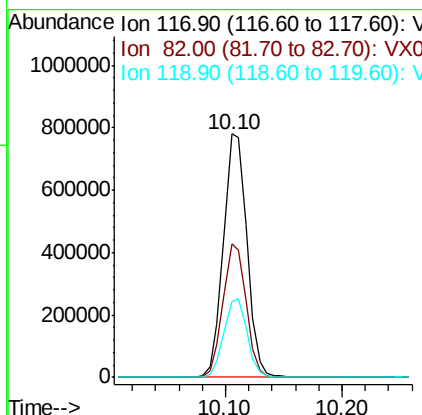
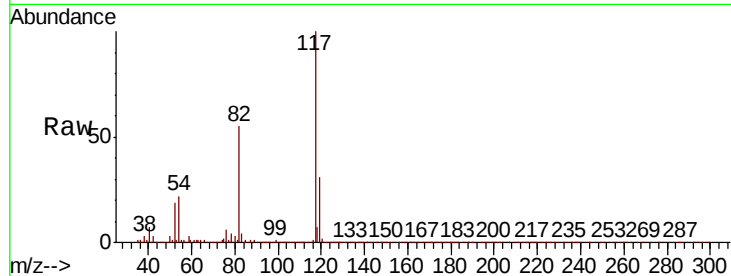




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013394.D
Acq: 12 Nov 2019 18:48

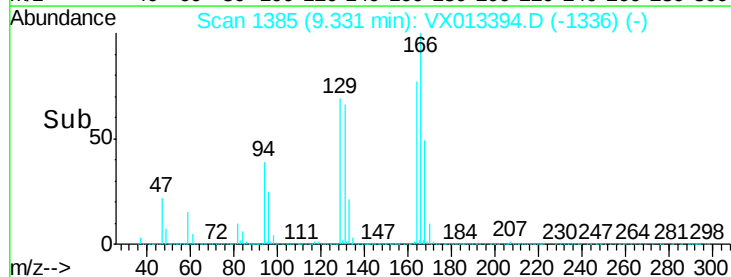
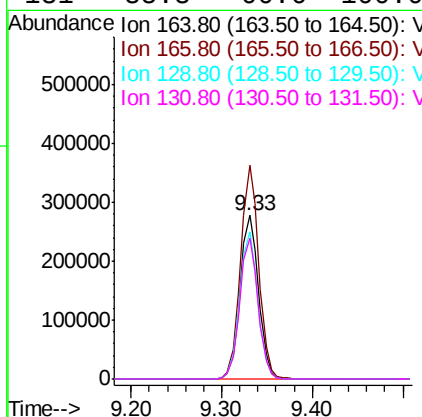
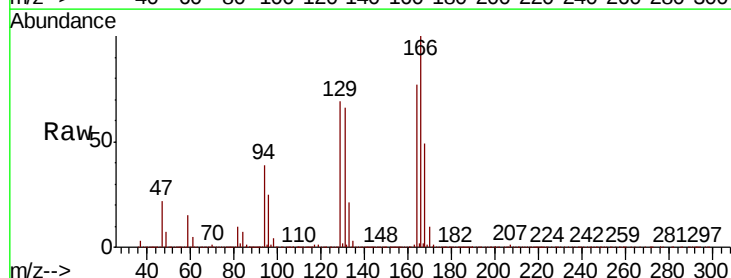
Instrument :
MSVOA_X
ClientSampleId :
MW-315-SRI4

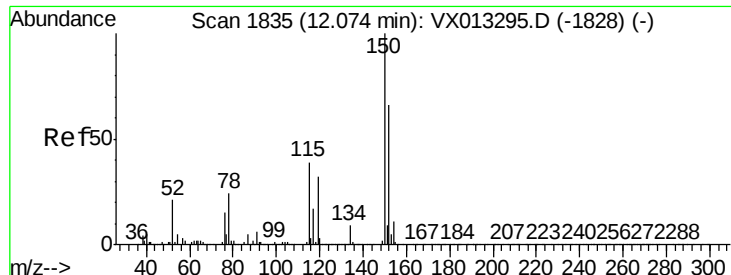
Tot Ion:117 Resp: 1092068
Ion Ratio Lower Upper
117 100
82 54.9 42.6 64.0
119 31.4 24.8 37.2



#64
Tetrachloroethene
Concen: 49.959 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013394.D
Acq: 12 Nov 2019 18:48

Tgt Ion:164 Resp: 390567
Ion Ratio Lower Upper
164 100
166 130.3 100.4 150.6
129 89.5 69.4 104.2
131 85.8 66.6 100.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013394.D

Acq: 12 Nov 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

MW-315-SRI4

Tot Ion:152 Resp: 496071

Ion Ratio Lower Upper

152 100

115 55.2 39.5 118.3

150 155.0 0.0 344.4

