

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013363.D
 Acq On : 08 Nov 2019 17:25
 Operator : JC/SP
 Sample : K5769-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-311-SRI4

Quant Time: Nov 11 03:58:04 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	810254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1265308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1137702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	533987	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	460414	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
35) Dibromofluoromethane	5.48	113	380371	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	8.71	98	1516592	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	516818	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	

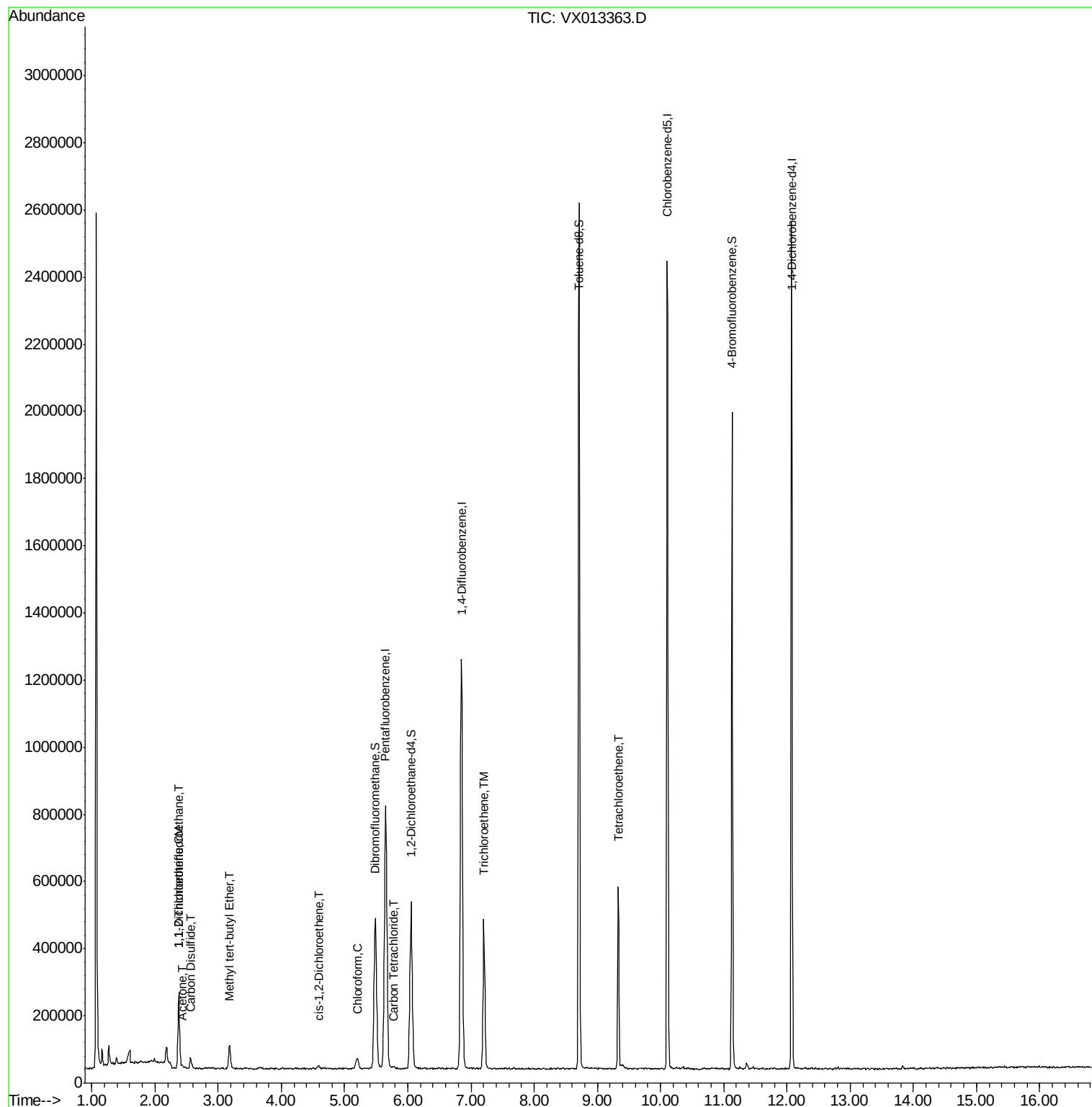
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88588	11.672	ug/l	99
12) 1,1-Dichloroethene	2.37	96	4691	0.631	ug/l	82
16) Acetone	2.43	43	7149	1.493	ug/l	99
17) Carbon Disulfide	2.56	76	44825	2.253	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	75568	3.048	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	5974	0.659	ug/l	91
30) Chloroform	5.20	83	39352	2.733	ug/l	92
38) Carbon Tetrachloride	5.78	117	6198	0.584	ug/l #	91
44) Trichloroethene	7.20	130	180718	19.417	ug/l	97
64) Tetrachloroethene	9.33	164	108987	13.382	ug/l	97

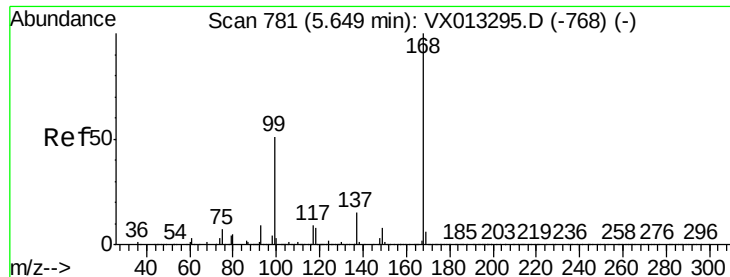
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013363.D

Acq: 08 Nov 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

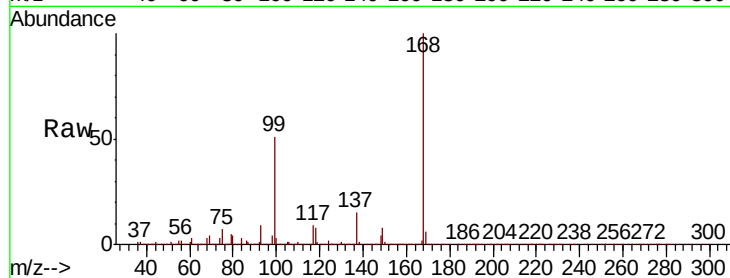
MW-311-SRI4

Tot Ion:168 Resp: 810254

Ion Ratio Lower Upper

168 100

99 51.4 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

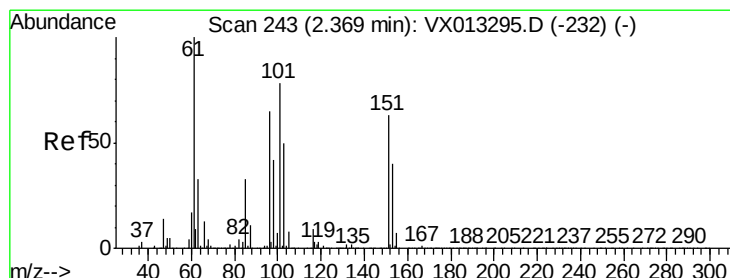
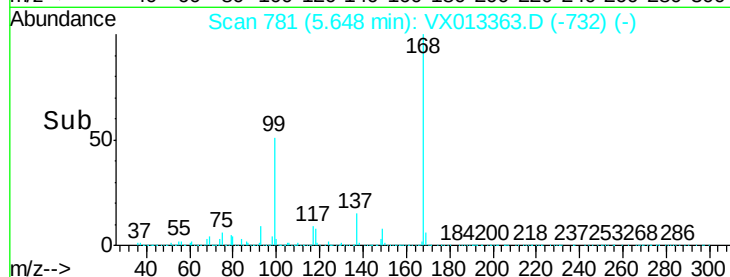
300000

200000

100000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.672 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

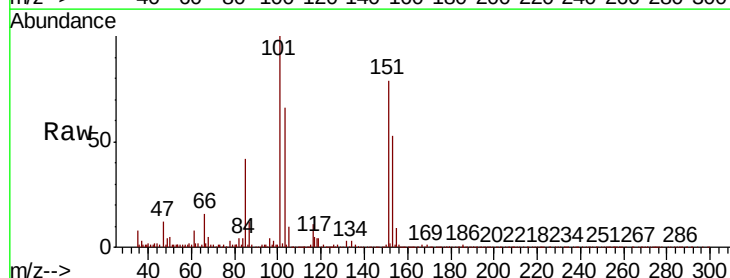
Tgt Ion:101 Resp: 88588

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

151 81.9 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

60000

50000

40000

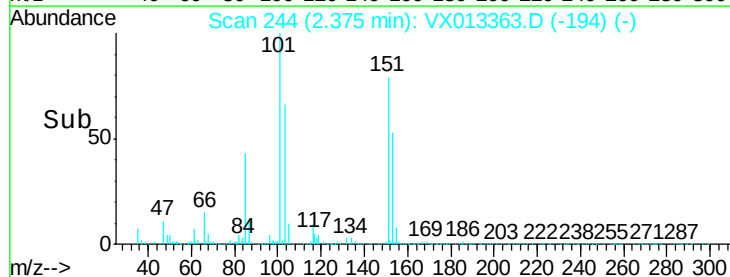
30000

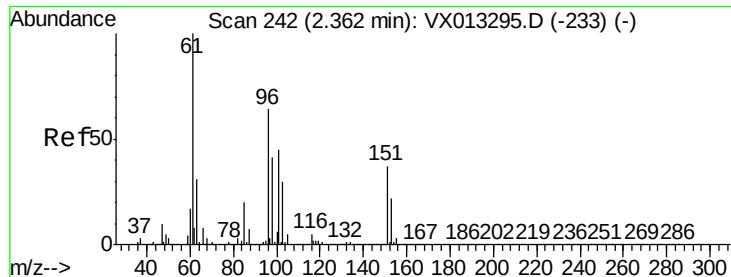
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.631 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-311-SRI4

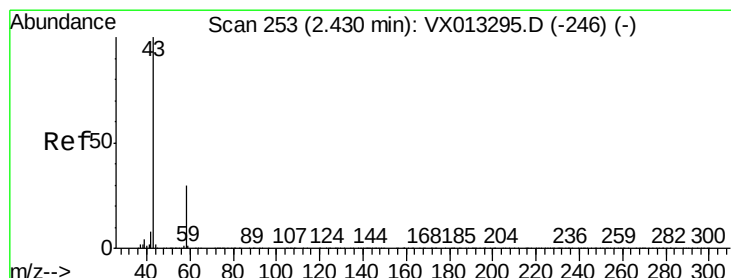
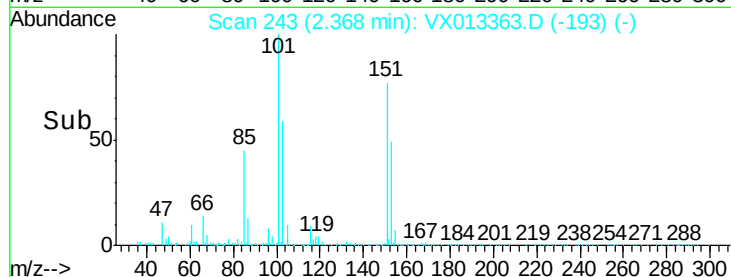
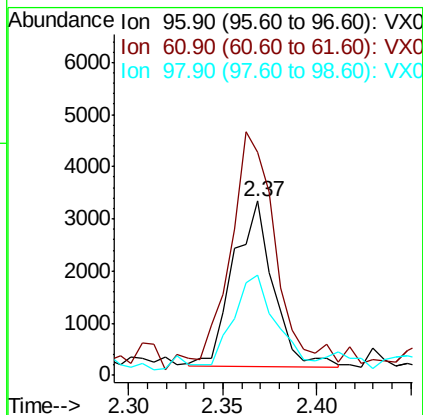
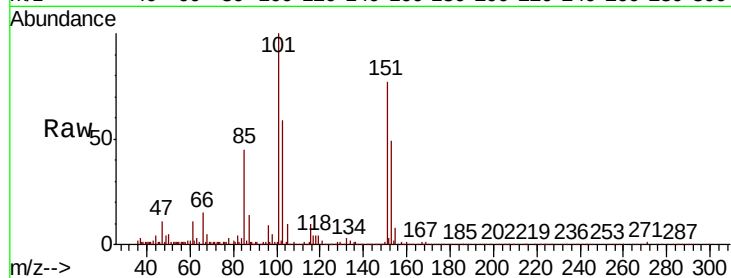
Tot Ion: 96 Resp: 4691

Ion Ratio Lower Upper

96 100

61 129.5 125.0 187.6

98 54.6 50.7 76.1



#16

Acetone

Concen: 1.493 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013363.D

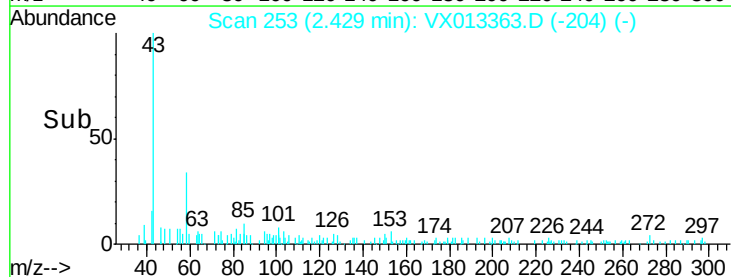
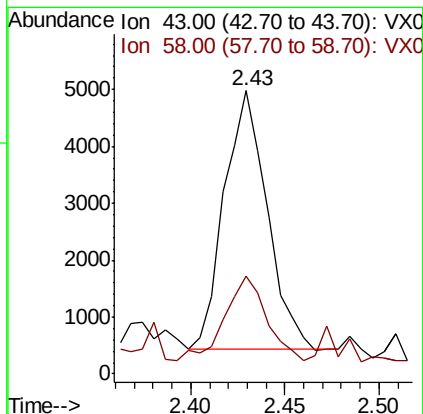
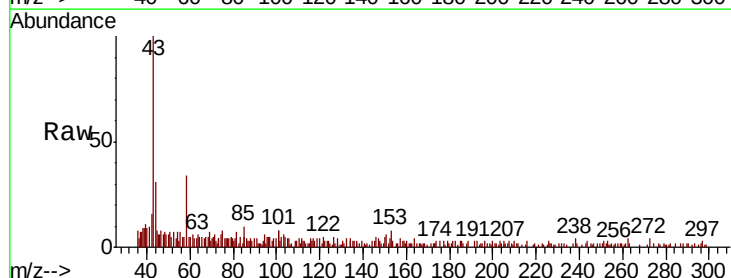
Acq: 08 Nov 2019 17:25

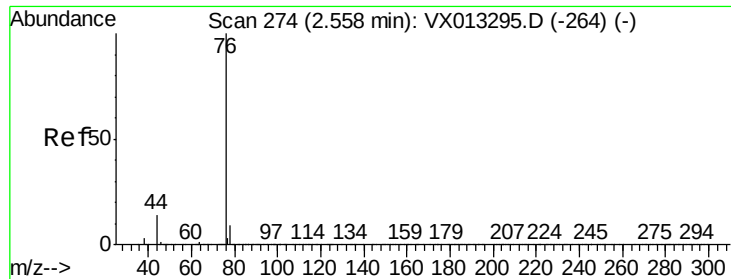
Tgt Ion: 43 Resp: 7149

Ion Ratio Lower Upper

43 100

58 30.8 24.3 36.5





#17

Carbon Disulfide

Concen: 2.253 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

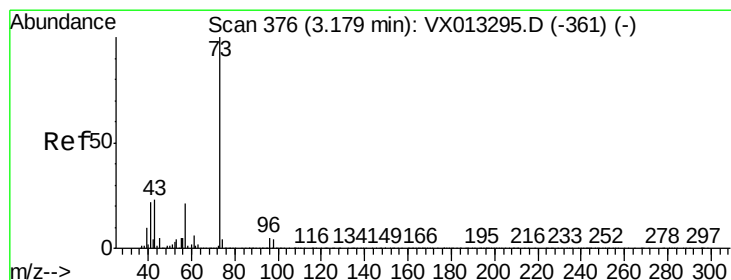
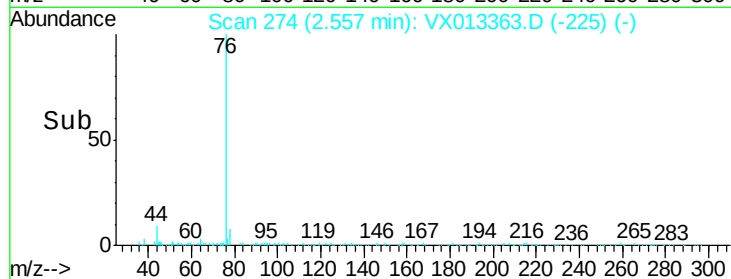
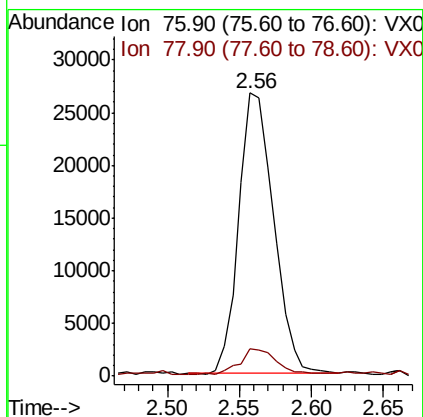
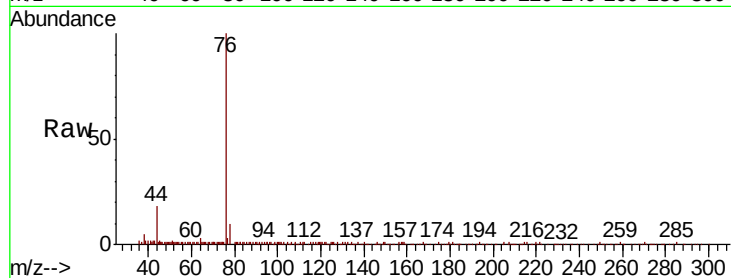
MW-311-SRI4

Tot Ion: 76 Resp: 44825

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#19

Methyl tert-butyl Ether

Concen: 3.048 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX013363.D

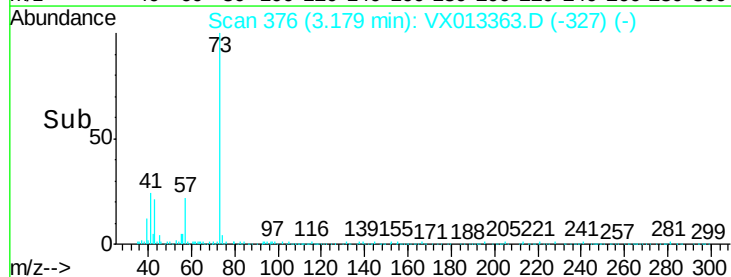
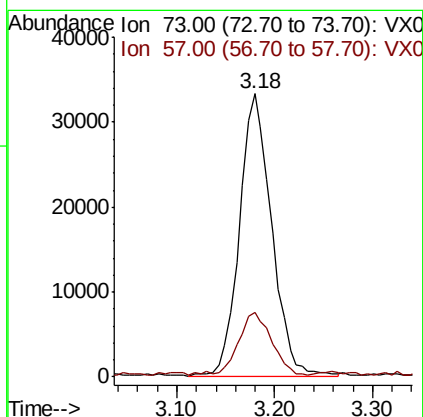
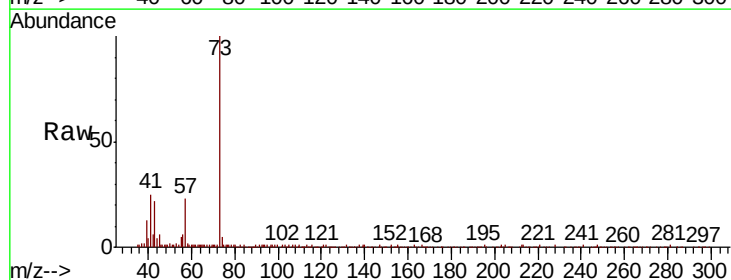
Acq: 08 Nov 2019 17:25

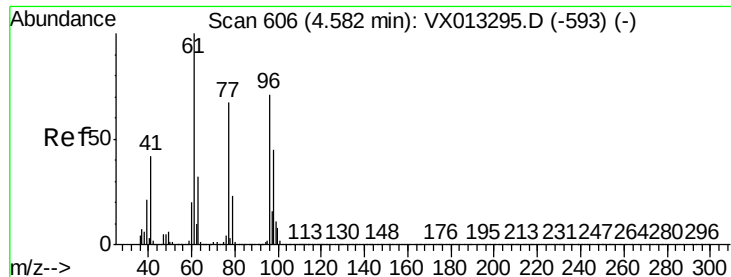
Tgt Ion: 73 Resp: 75568

Ion Ratio Lower Upper

73 100

57 22.2 17.1 25.7



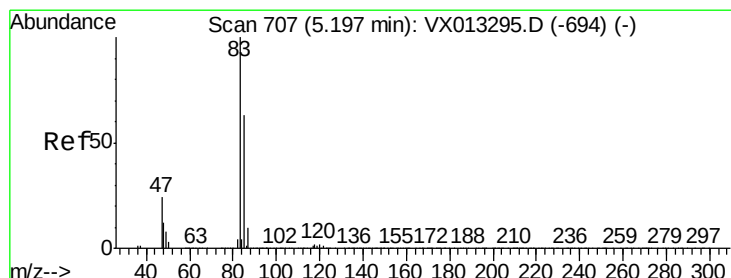
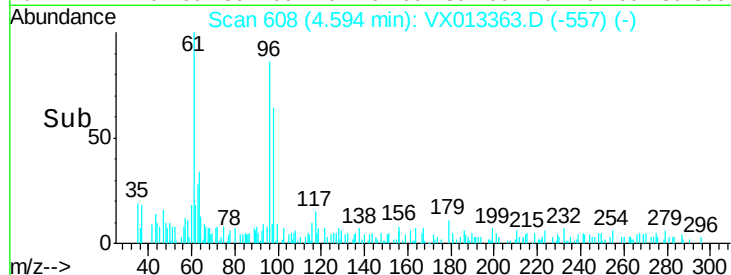
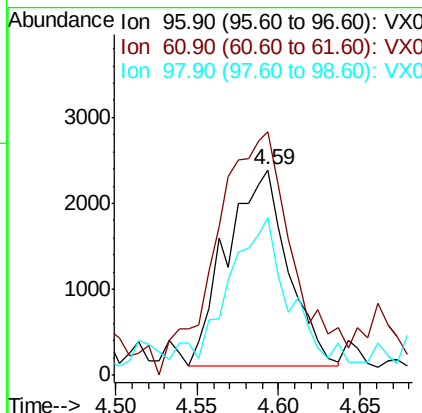
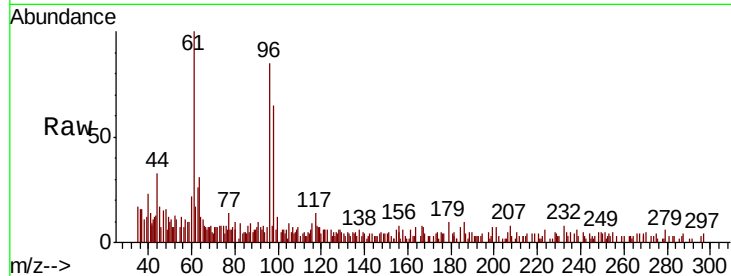


#27

cis-1,2-Dichloroethene
Concen: 0.659 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013363.D
Acq: 08 Nov 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
MW-311-SRI4

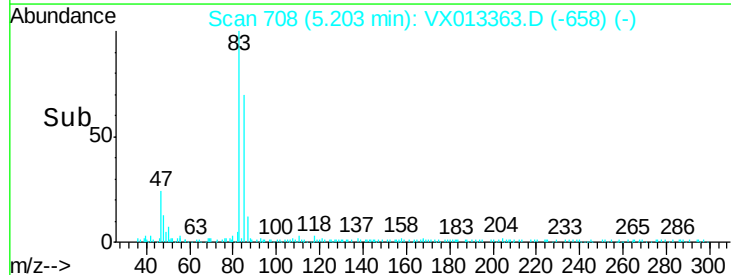
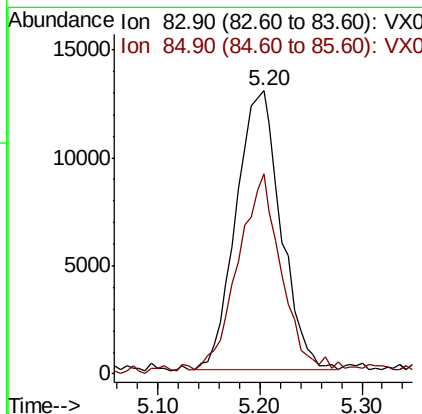
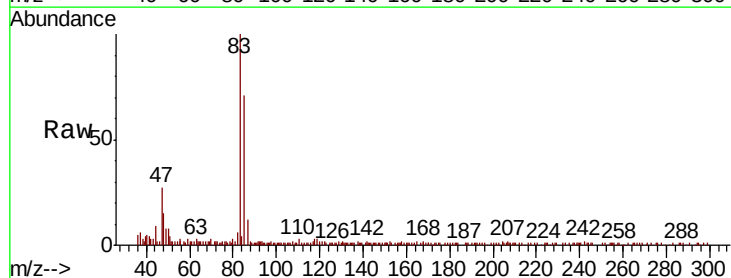
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	288.0
98	70.9	0.0	129.6

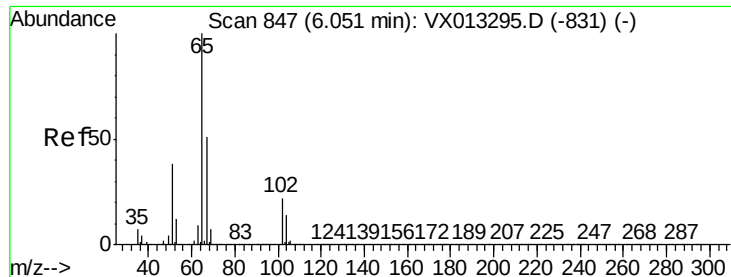


#30

Chloroform
Concen: 2.733 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013363.D
Acq: 08 Nov 2019 17:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.2	75.4

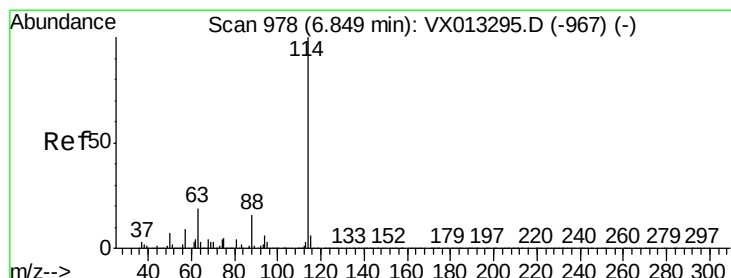
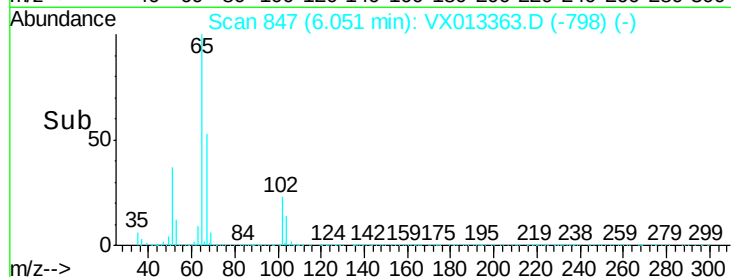
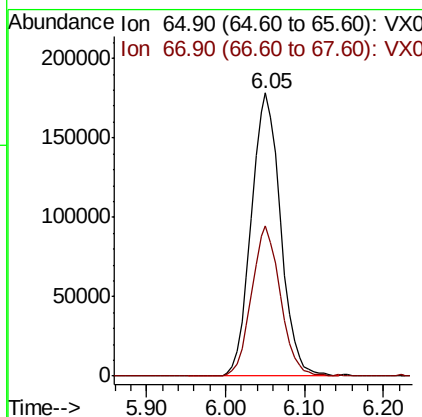
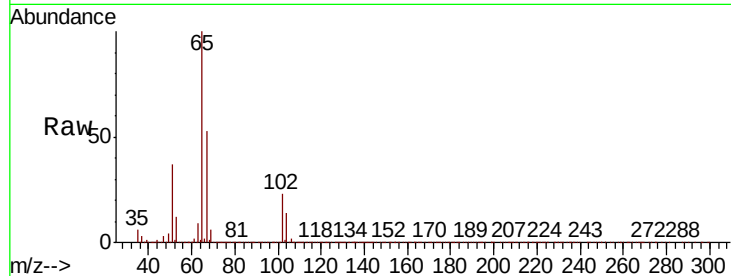




#33
 1,2-Dichloroethane-d4
 Concen: 47.964 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013363.D
 Acq: 08 Nov 2019 17:25

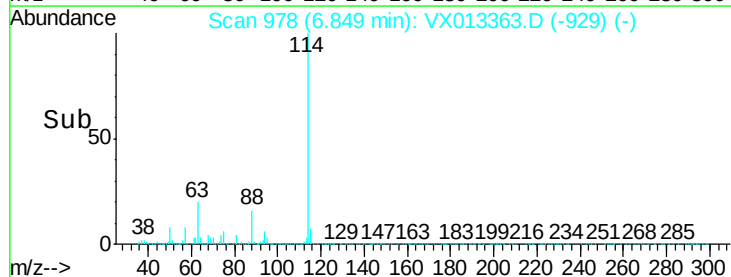
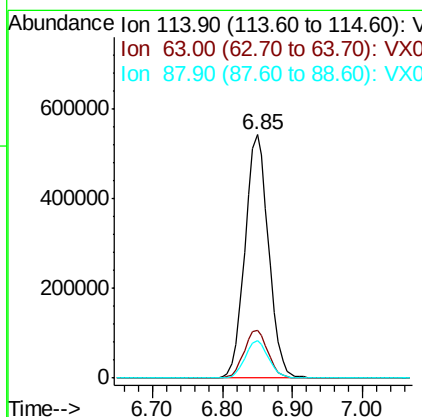
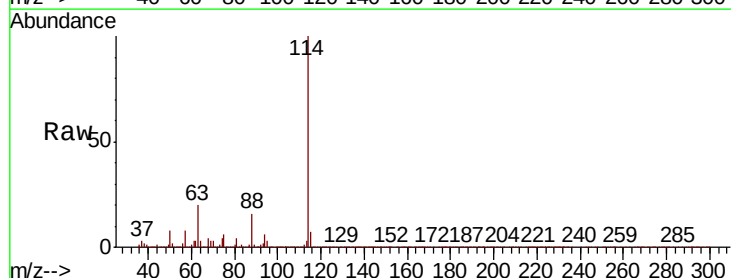
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-311-SRI4

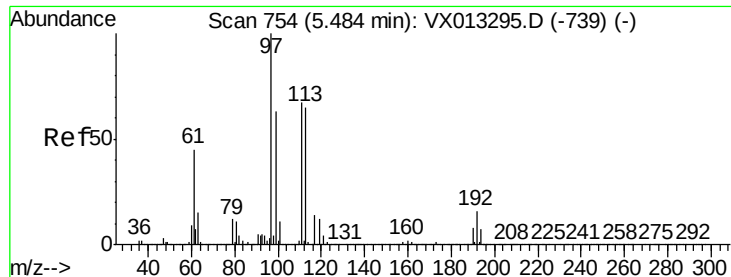
Tot Ion: 65 Resp: 460414
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013363.D
 Acq: 08 Nov 2019 17:25

Tgt Ion: 114 Resp: 1265308
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.5 0.0 32.2

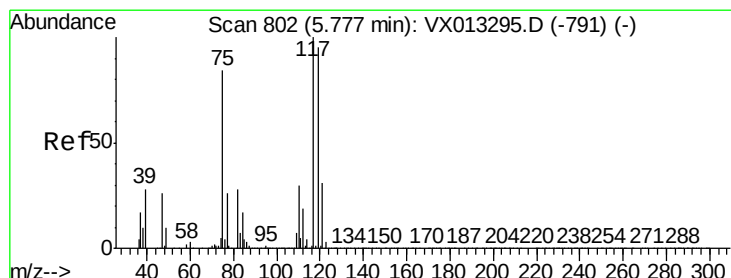
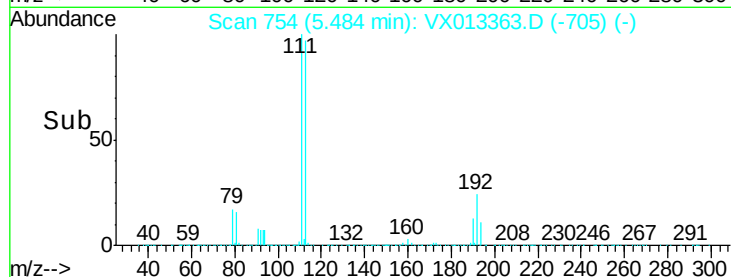
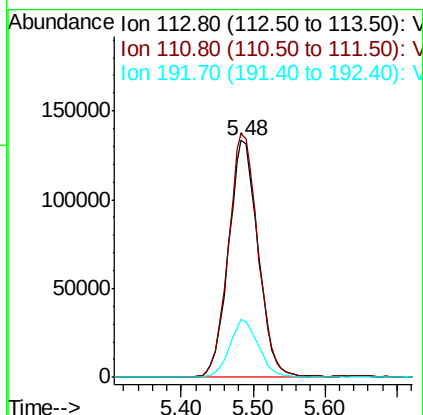
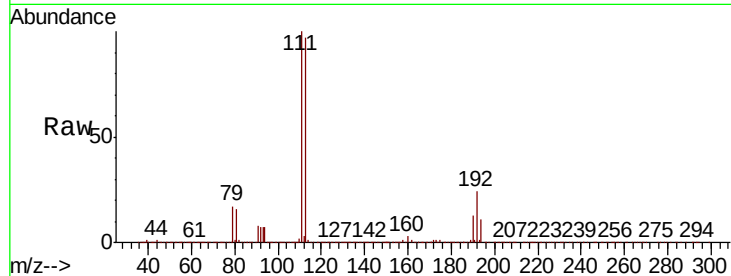




#35
Dibromofluoromethane
Concen: 47.929 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013363.D
Acq: 08 Nov 2019 17:25

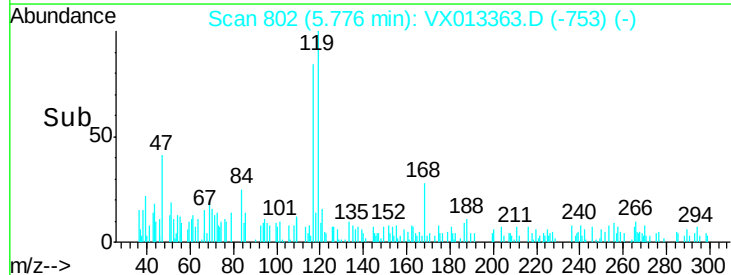
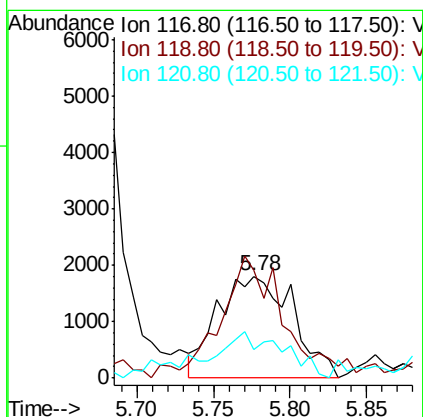
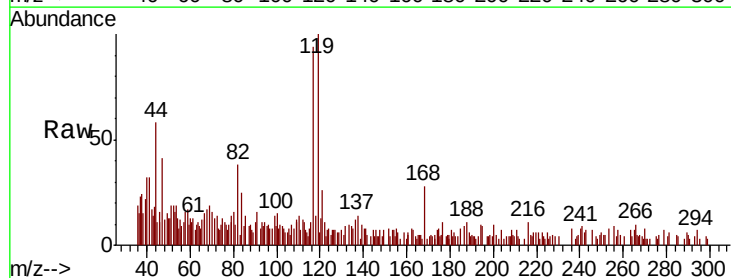
Instrument :
MSVOA_X
ClientSampleId :
MW-311-SRI4

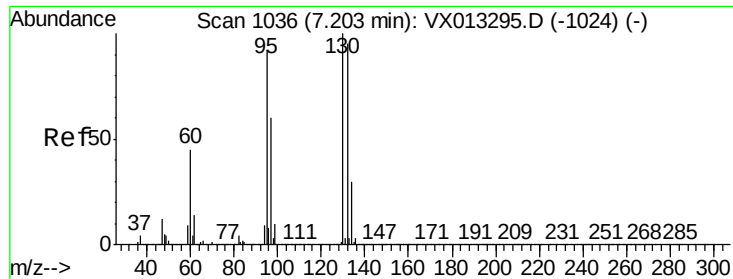
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.0	19.1	28.7



#38
Carbon Tetrachloride
Concen: 0.584 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013363.D
Acq: 08 Nov 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	9.9	24.6	37.0#





#44

Trichloroethene

Concen: 19.417 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

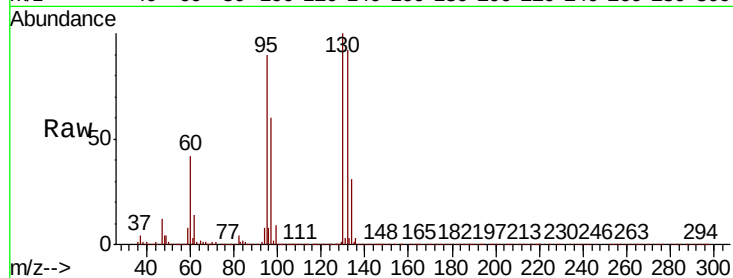
MW-311-SRI4

Tot Ion:130 Resp: 180718

Ion Ratio Lower Upper

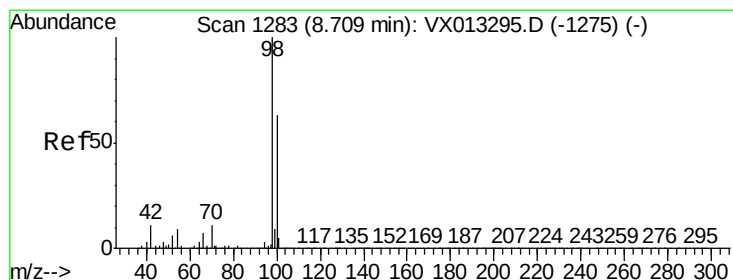
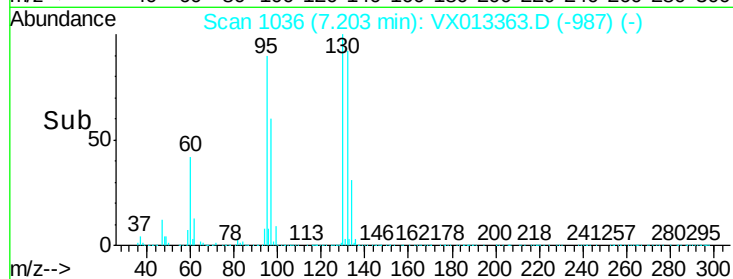
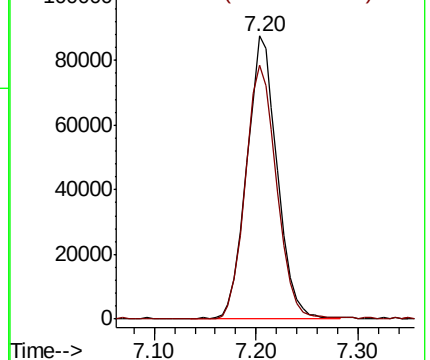
130 100

95 89.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.691 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013363.D

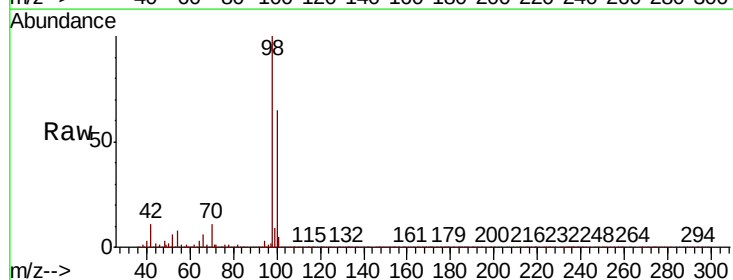
Acq: 08 Nov 2019 17:25

Tgt Ion: 98 Resp: 1516592

Ion Ratio Lower Upper

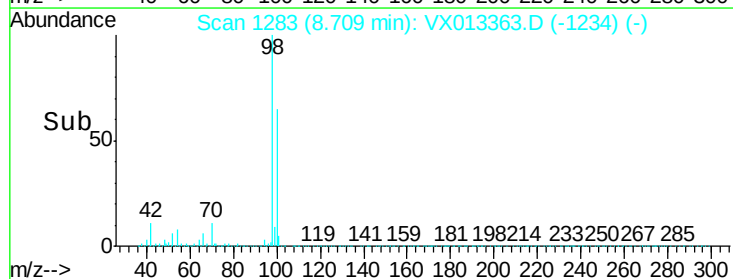
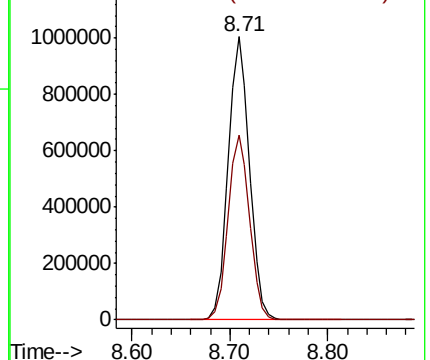
98 100

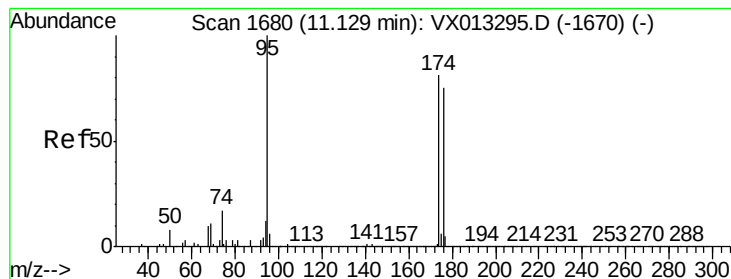
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.863 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-311-SRI4

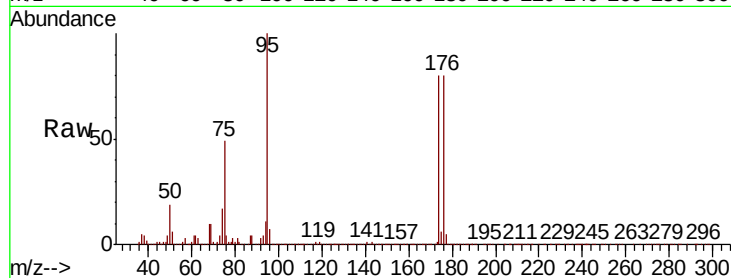
Tot Ion: 95 Resp: 516818

Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.8

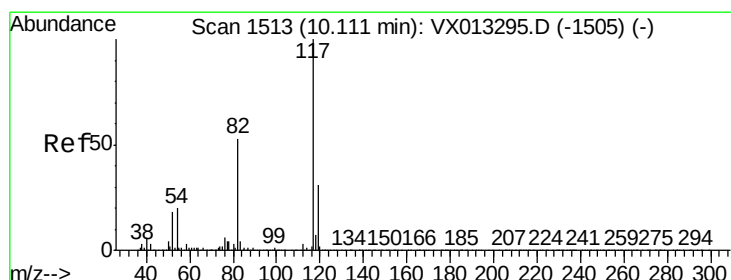
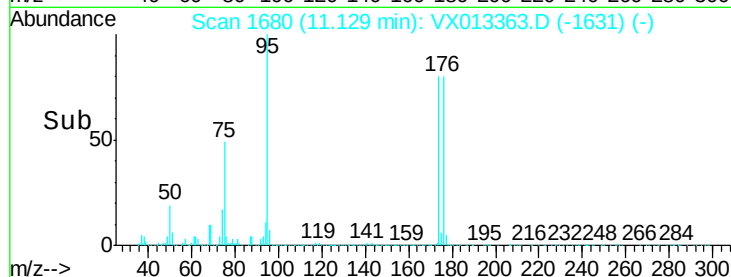
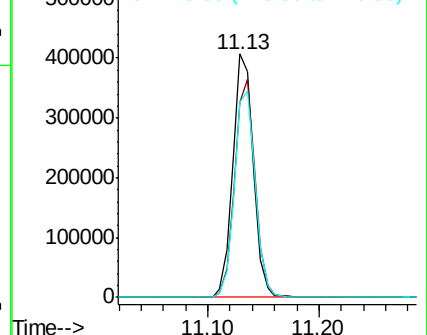
176 86.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

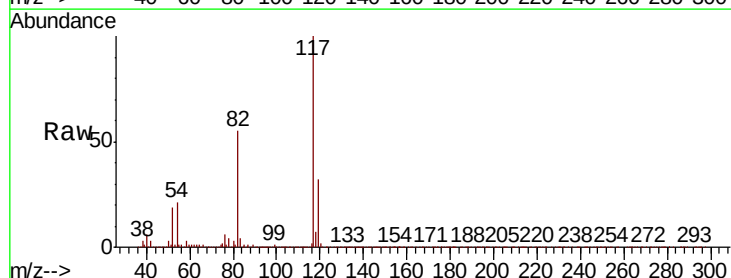
Tgt Ion: 117 Resp: 1137702

Ion Ratio Lower Upper

117 100

82 54.8 42.6 64.0

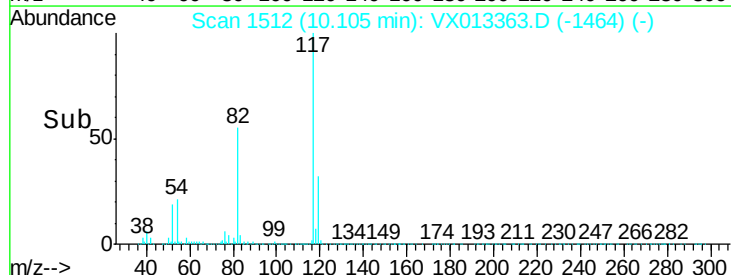
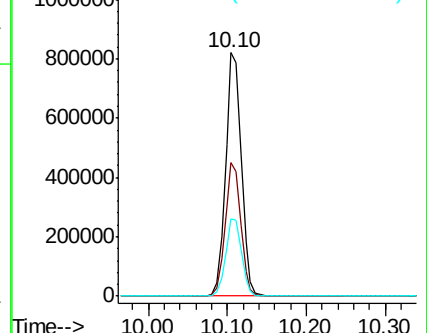
119 31.6 24.8 37.2

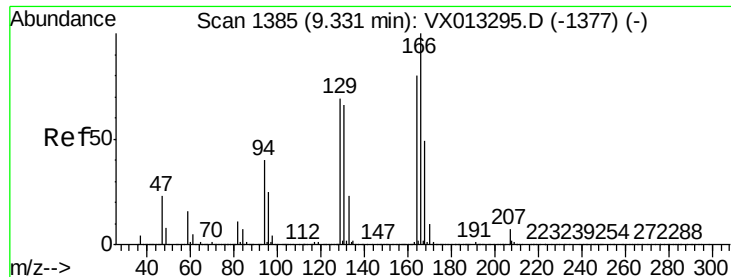


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 13.382 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-311-SRI4

Tot Ion:164 Resp: 108987

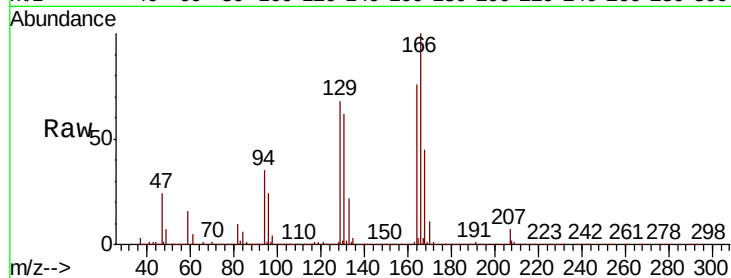
Ion Ratio Lower Upper

164 100

166 130.7 100.4 150.6

129 88.3 69.4 104.2

131 81.0 66.6 100.0

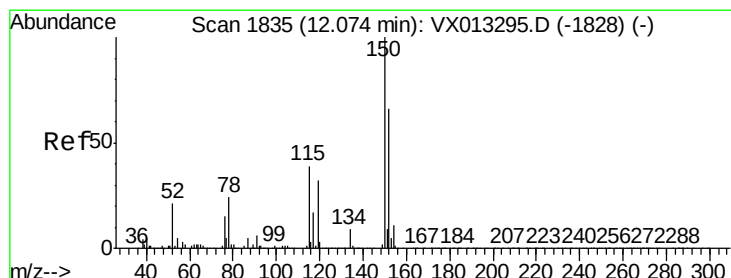
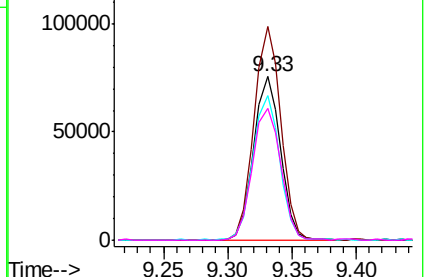
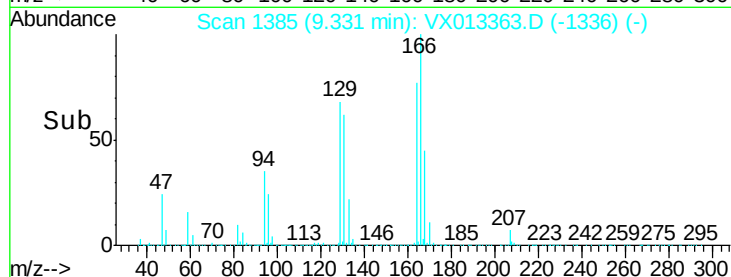


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013363.D

Acq: 08 Nov 2019 17:25

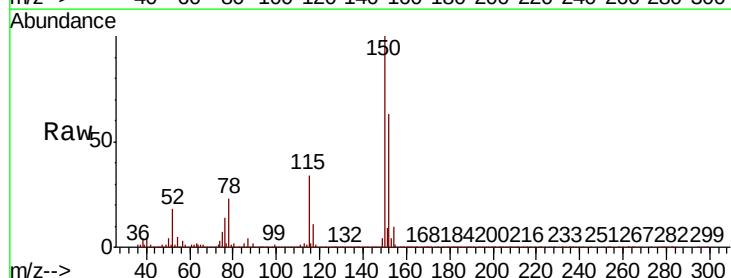
Tgt Ion:152 Resp: 533987

Ion Ratio Lower Upper

152 100

115 55.6 39.5 118.3

150 157.7 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

