

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013909.D
 Acq On : 10 Dec 2019 19:30
 Operator : JC/SP
 Sample : K6196-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-3

Quant Time: Dec 11 03:57:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

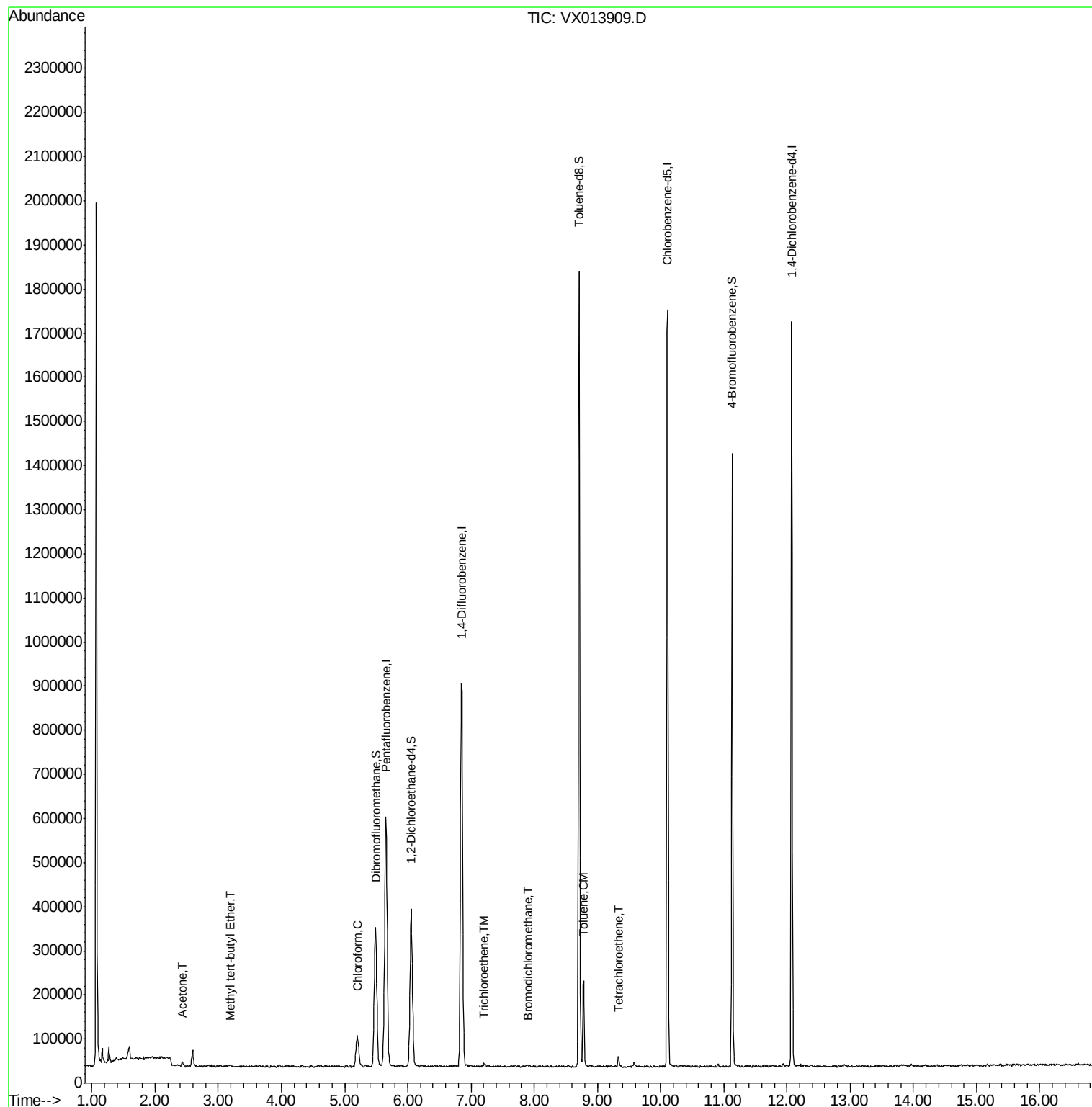
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	587525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	913492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	803099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	335211	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	5.49	113	275174	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1083314	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.14	95	360524	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	10569	3.139	ug/l #	85
19) Methyl tert-butyl Ether	3.19	73	5346	0.289	ug/l #	88
30) Chloroform	5.20	83	88926	8.210	ug/l	97
44) Trichloroethene	7.20	130	2642	0.381	ug/l	85
47) Bromodichloromethane	7.89	83	5303	0.654	ug/l #	87
52) Toluene	8.78	92	76729	4.890	ug/l	98
64) Tetrachloroethene	9.33	164	4996	0.834	ug/l #	82

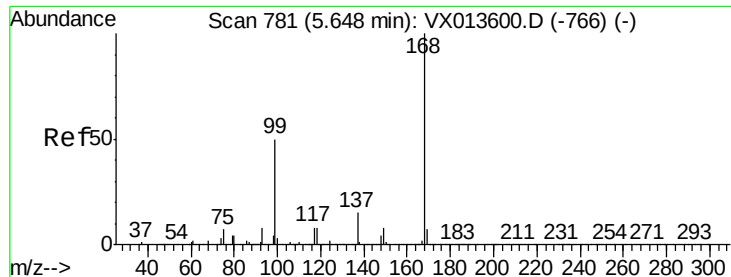
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 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: VX013909.D

Acq: 10 Dec 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

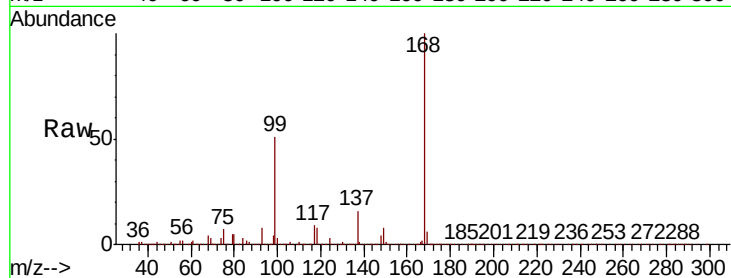
TW-3

Tot Ion:168 Resp: 587525

Ion Ratio Lower Upper

168 100

99 50.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

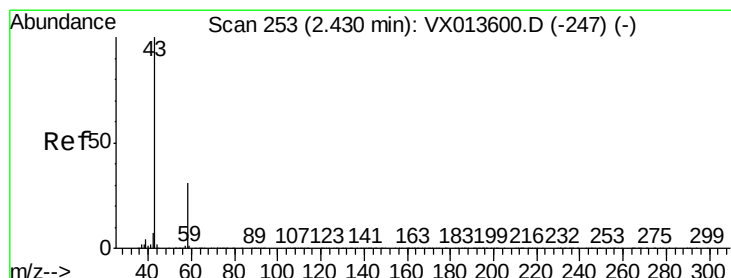
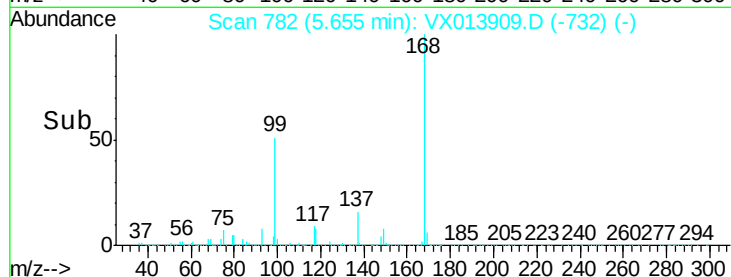
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.139 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013909.D

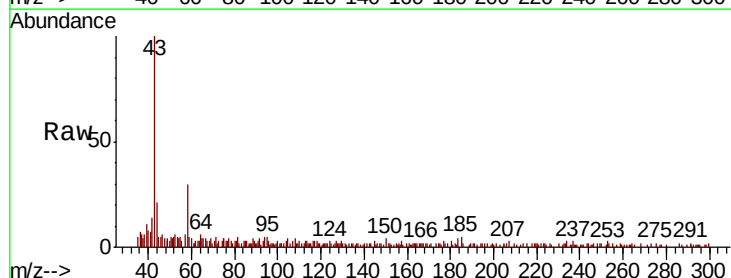
Acq: 10 Dec 2019 19:30

Tgt Ion: 43 Resp: 10569

Ion Ratio Lower Upper

43 100

58 22.6 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

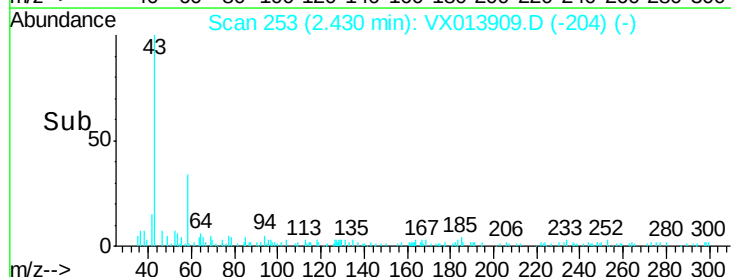
6000

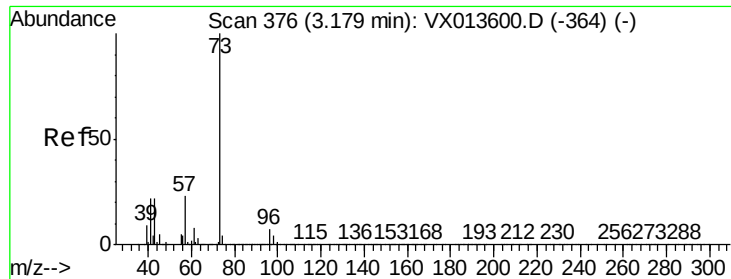
4000

2000

0

Time-->

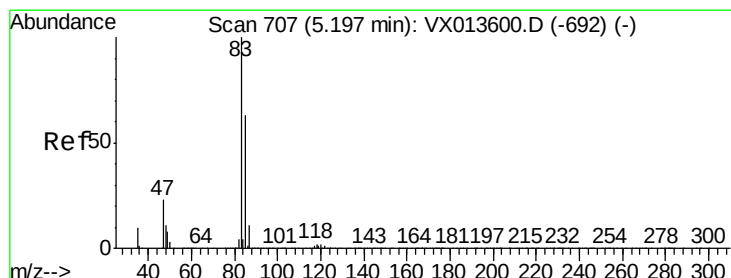
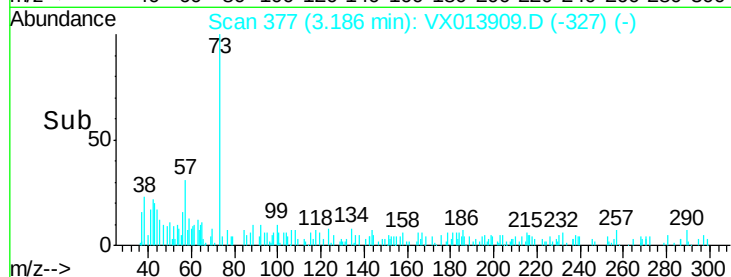
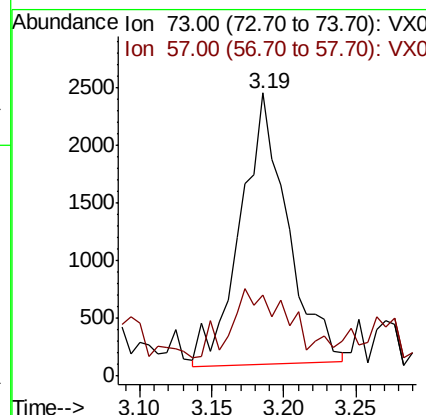
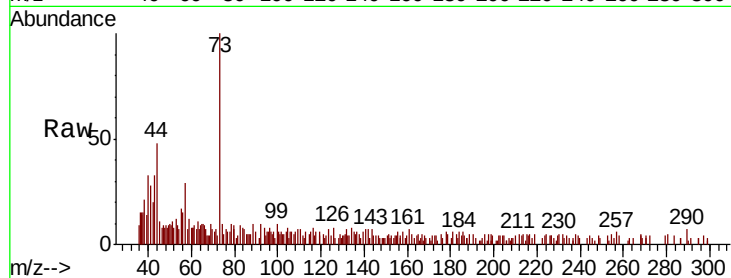




#19
Methyl tert-butyl Ether
Concen: 0.289 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013909.D
Acq: 10 Dec 2019 19:30

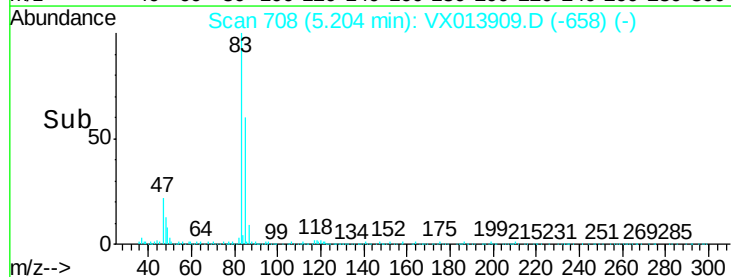
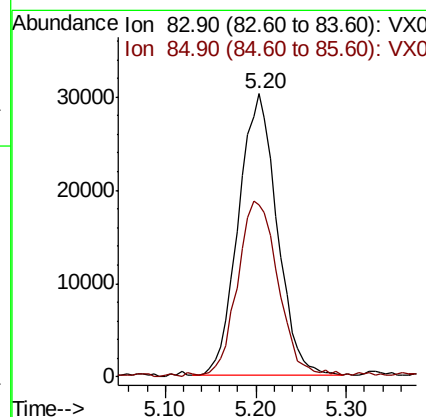
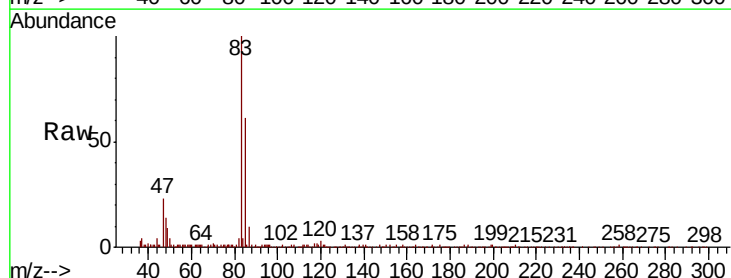
Instrument :
MSVOA_X
ClientSampled :
TW-3

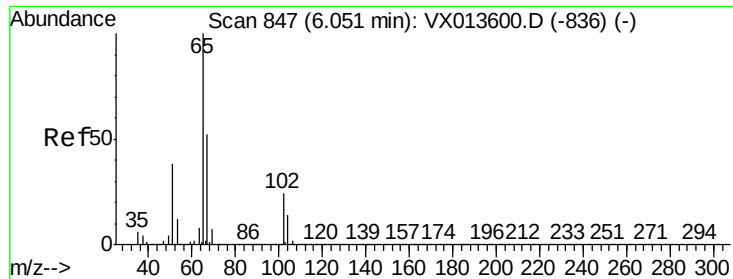
Tot Ion: 73 Resp: 5346
Ion Ratio Lower Upper
73 100
57 17.3 18.3 27.5#



#30
Chloroform
Concen: 8.210 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013909.D
Acq: 10 Dec 2019 19:30

Tgt Ion: 83 Resp: 88926
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.4

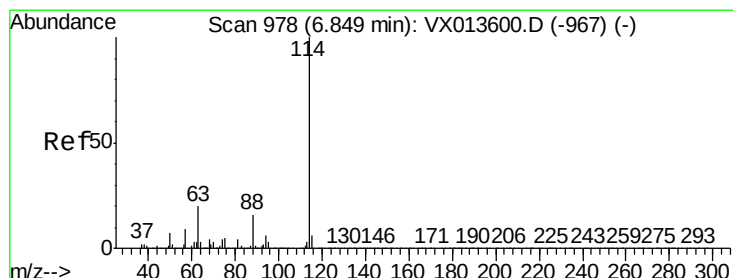
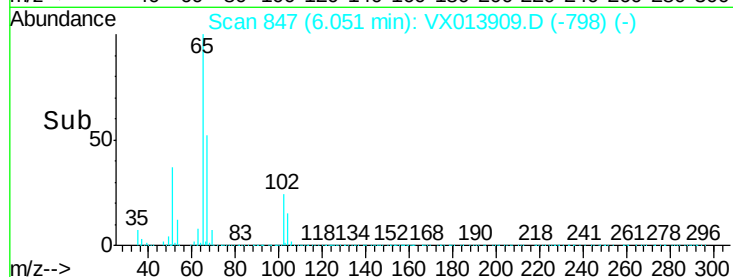
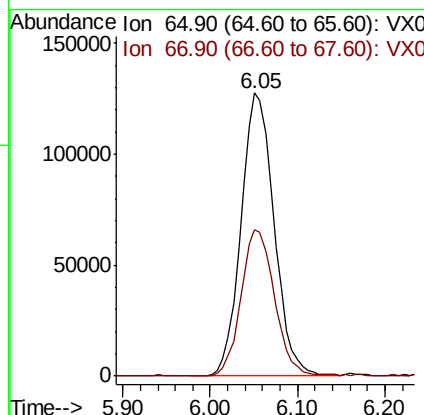
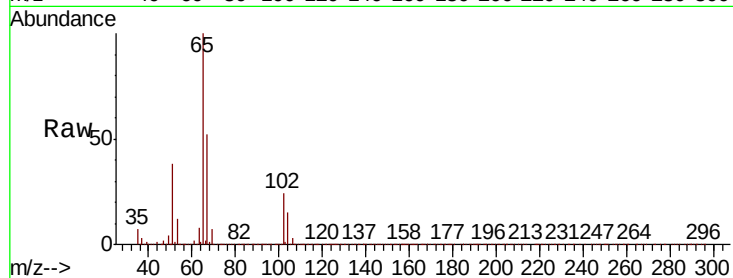




#33
 1,2-Dichloroethane-d4
 Concen: 49.152 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013909.D
 Acq: 10 Dec 2019 19:30

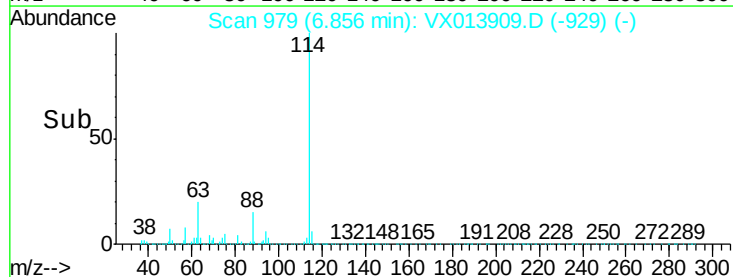
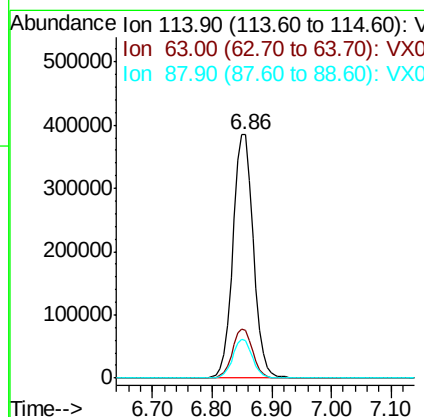
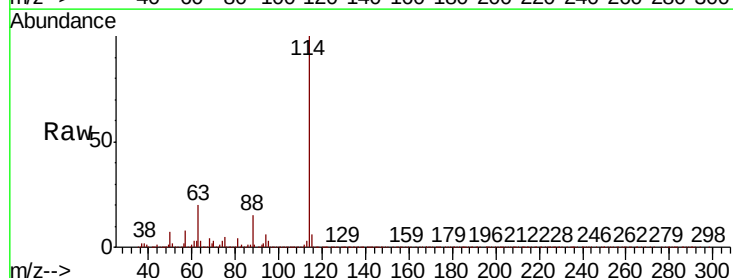
Instrument :
 MSVOA_X
 ClientSampled :
 TW-3

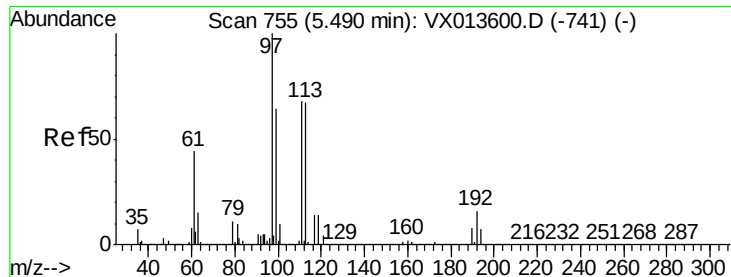
Tot Ion: 65 Resp: 335211
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013909.D
 Acq: 10 Dec 2019 19:30

Tgt Ion: 114 Resp: 913492
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.4 0.0 31.4

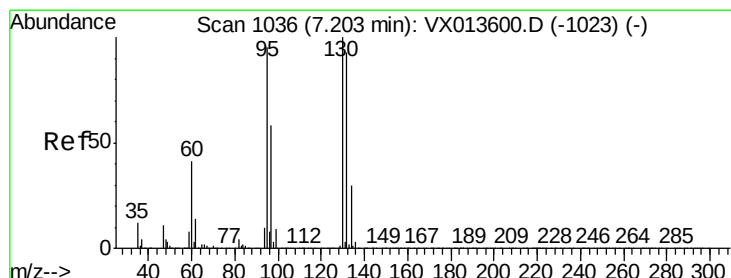
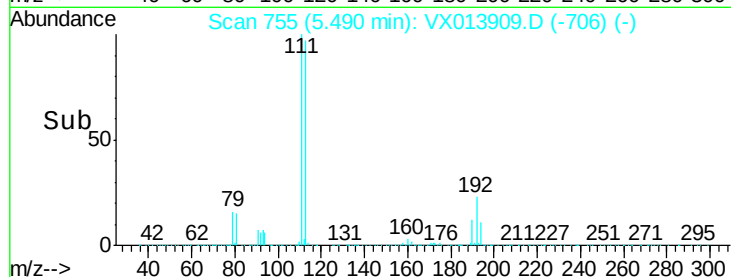
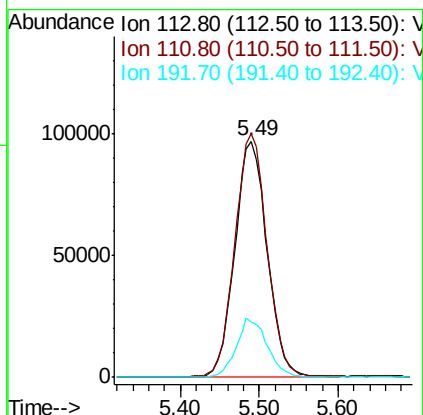
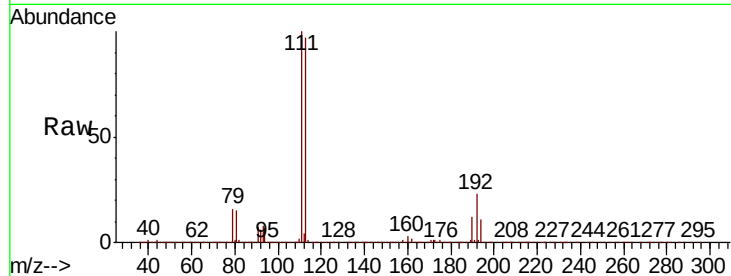




#35
 Dibromofluoromethane
 Concen: 48.726 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013909.D
 Acq: 10 Dec 2019 19:30

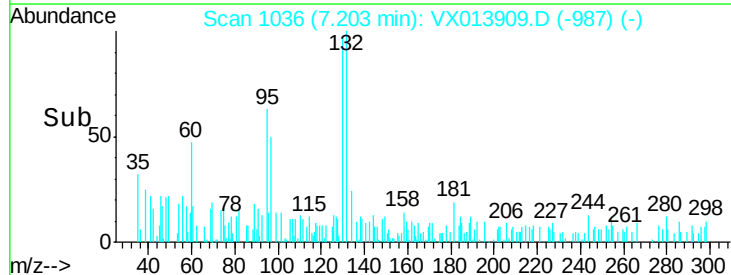
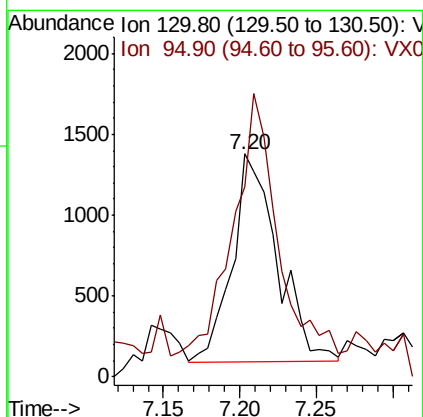
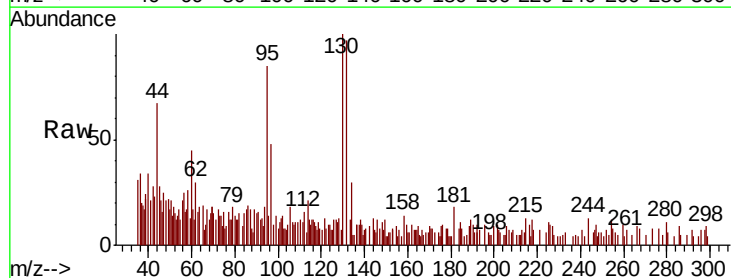
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-3

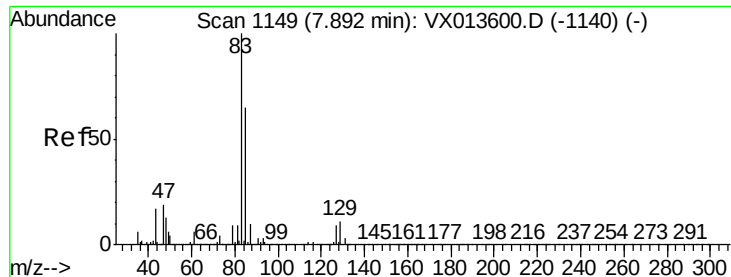
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.6	125.4
192	24.0	19.2	28.8



#44
 Trichloroethene
 Concen: 0.381 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013909.D
 Acq: 10 Dec 2019 19:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	80.4	0.0	190.8





#47

Bromodichloromethane

Concen: 0.654 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013909.D

Acq: 10 Dec 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

TW-3

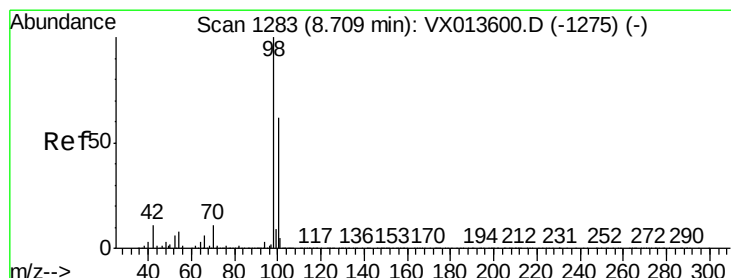
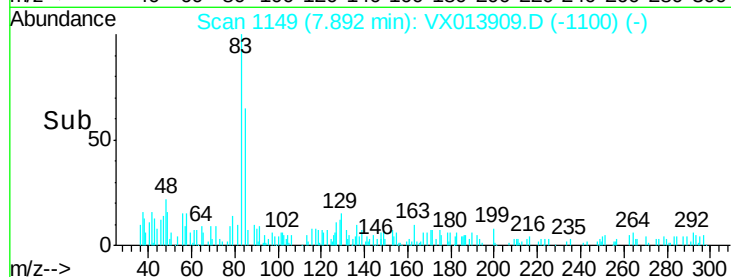
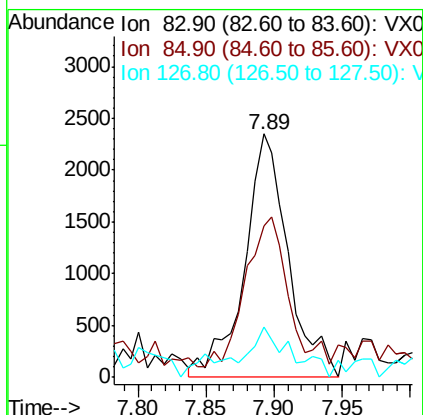
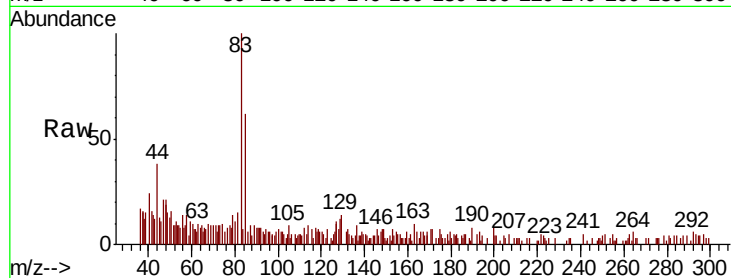
Tot Ion: 83 Resp: 5303

Ion Ratio Lower Upper

83 100

85 56.2 52.1 78.1

127 17.1 7.0 10.4#



#50

Toluene-d8

Concen: 49.236 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013909.D

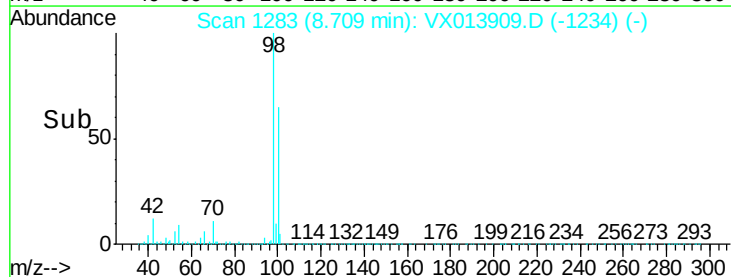
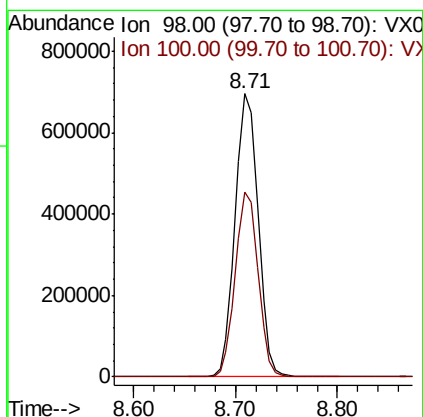
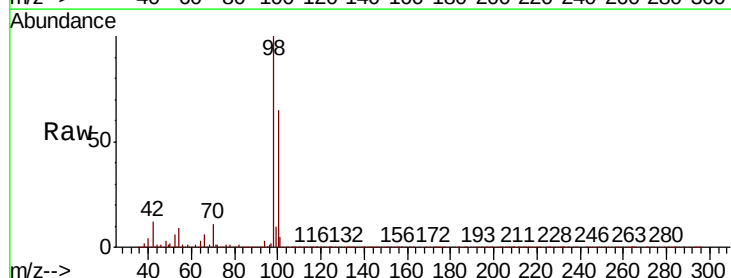
Acq: 10 Dec 2019 19:30

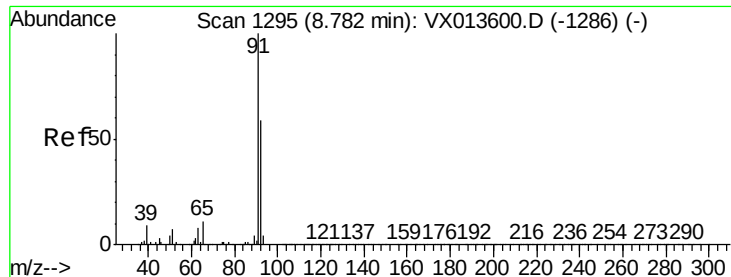
Tgt Ion: 98 Resp: 1083314

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7





#52

Toluene

Concen: 4.890 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013909.D

Acq: 10 Dec 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

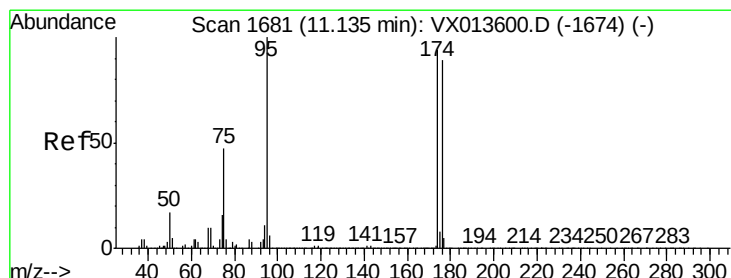
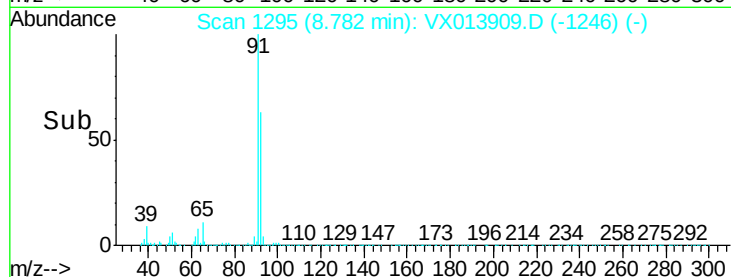
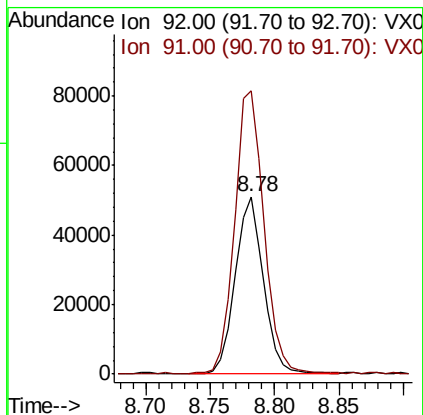
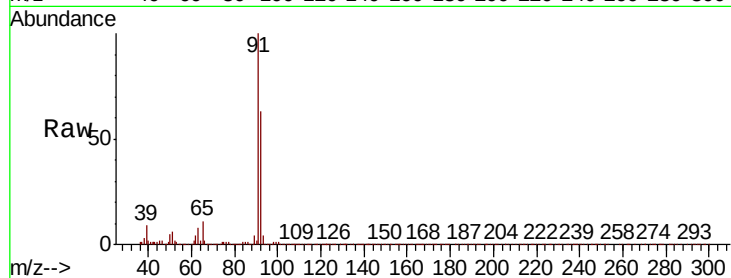
TW-3

Tot Ion: 92 Resp: 76729

Ion Ratio Lower Upper

92 100

91 167.8 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 45.439 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013909.D

Acq: 10 Dec 2019 19:30

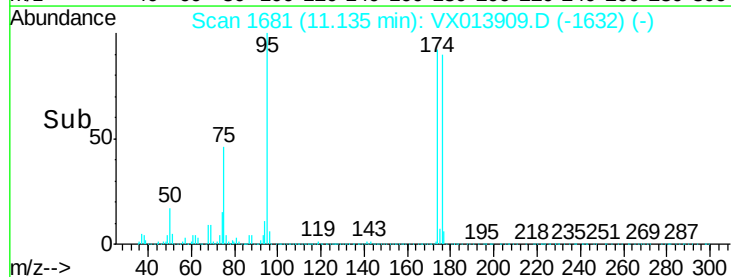
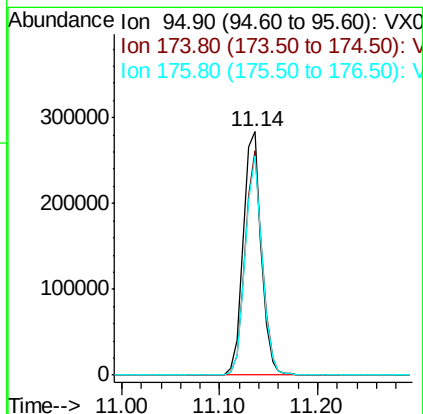
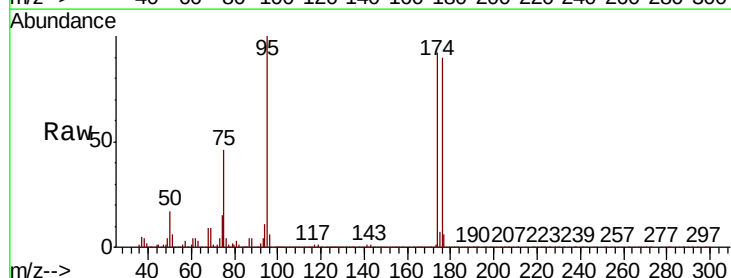
Tgt Ion: 95 Resp: 360524

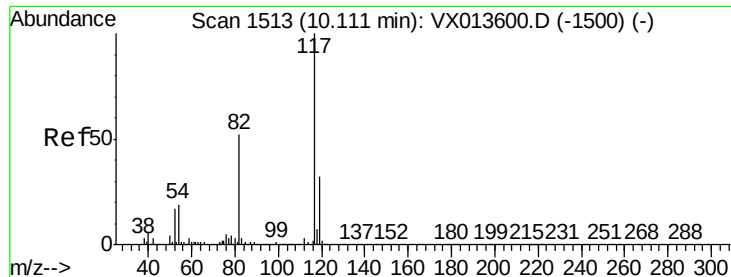
Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.0

176 85.8 0.0 173.6

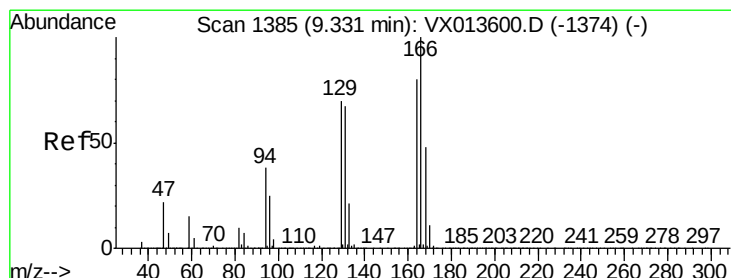
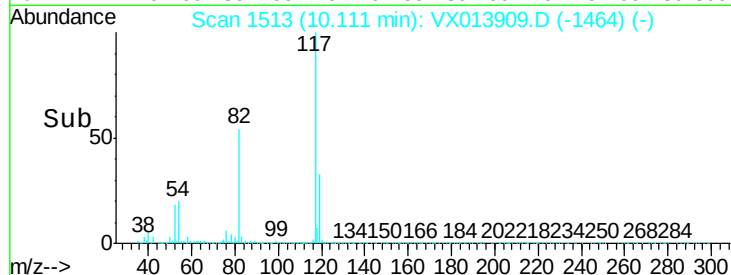
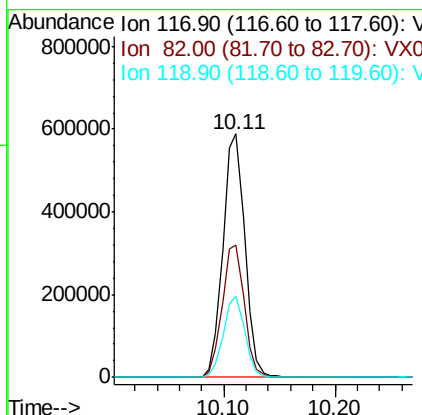
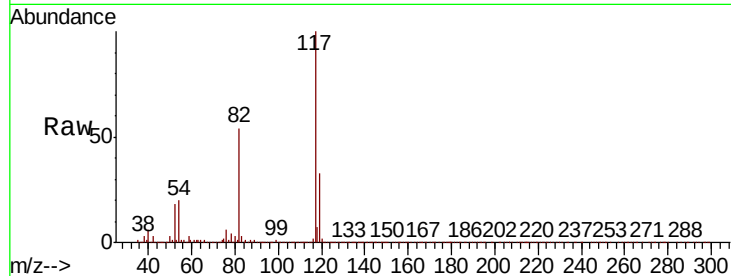




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013909.D
Acq: 10 Dec 2019 19:30

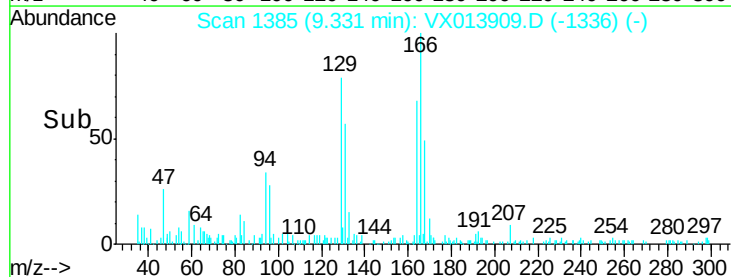
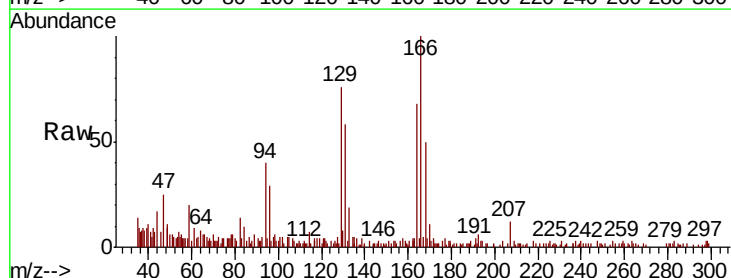
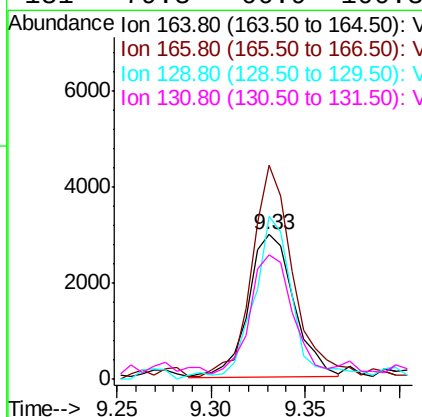
Instrument :
MSVOA_X
ClientSampleId :
TW-3

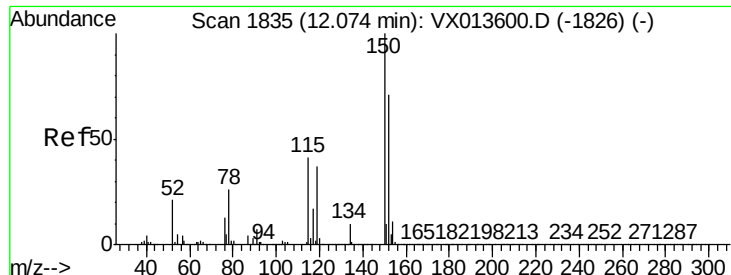
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.8	62.8
119	33.3	25.8	38.8



#64
Tetrachloroethene
Concen: 0.834 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013909.D
Acq: 10 Dec 2019 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	148.2	99.7	149.5
129	112.2	70.1	105.1
131	79.3	66.9	100.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013909.D

Acq: 10 Dec 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

TW-3

Tot Ion:152 Resp: 351799

Ion Ratio Lower Upper

152 100

115 56.3 38.4 115.1

150 157.5 0.0 346.8

