

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014831.D
 Acq On : 05 Feb 2020 18:37
 Operator : JC/SP
 Sample : L1397-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-200204

Quant Time: Feb 06 03:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

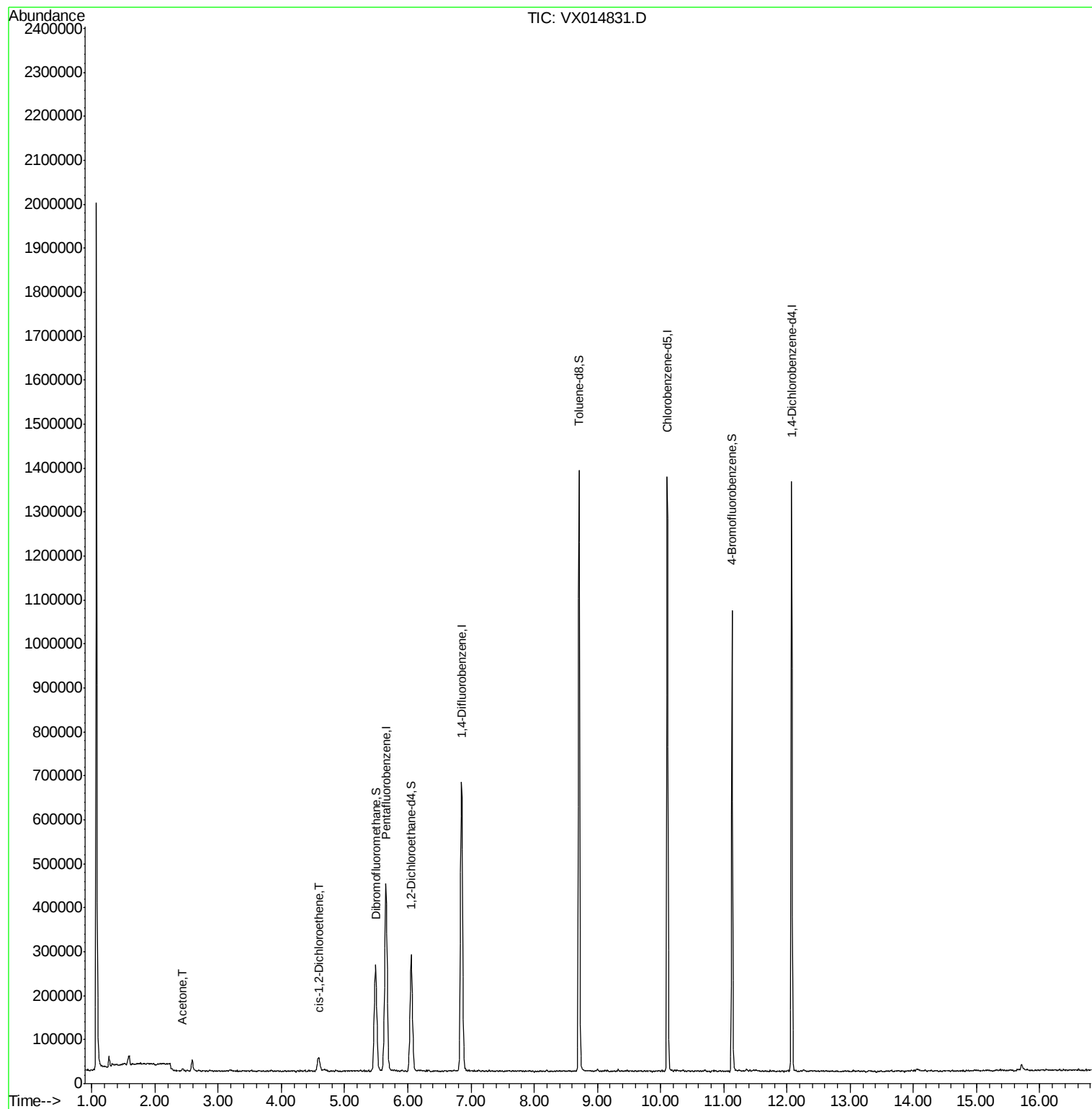
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	435540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	625043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	248923	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
35) Dibromofluoromethane	5.49	113	209764	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	807252	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	274064	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
16) Acetone	2.43	43	3900	1.549	ug/l #	87
27) cis-1,2-Dichloroethene	4.59	96	22301	4.180	ug/l	87

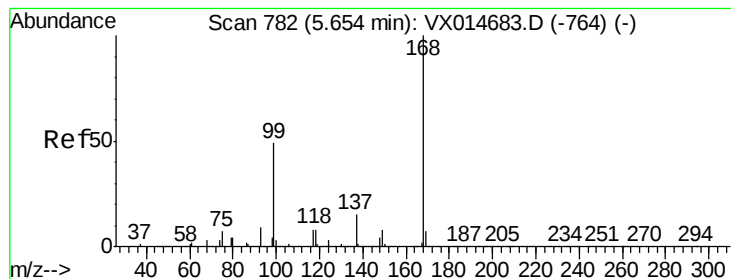
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014831.D

Acq: 05 Feb 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

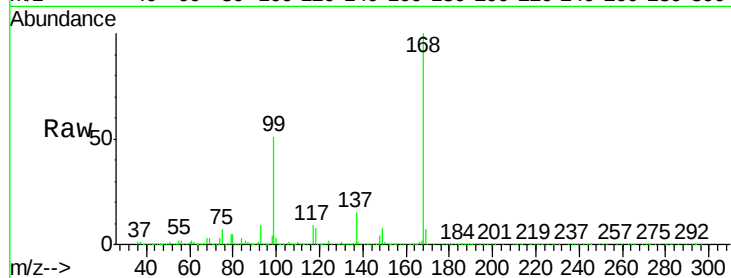
OUTFALL001-200204

Tot Ion:168 Resp: 435540

Ion Ratio Lower Upper

168 100

99 50.5 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

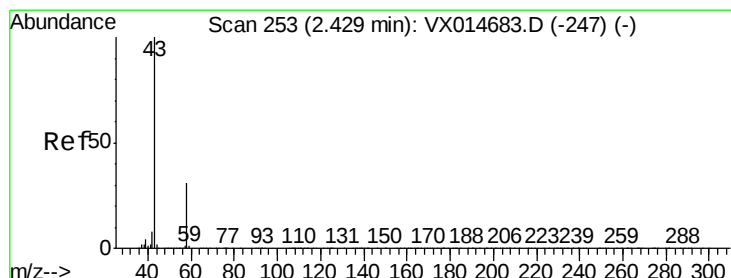
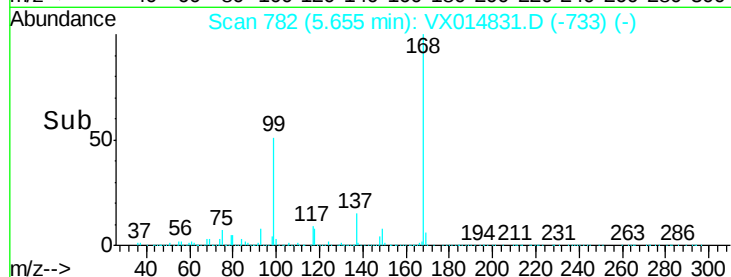
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.549 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014831.D

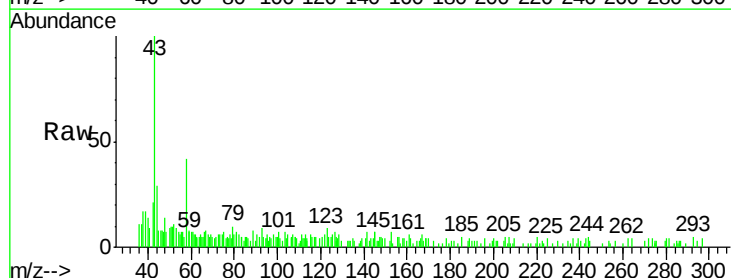
Acq: 05 Feb 2020 18:37

Tgt Ion: 43 Resp: 3900

Ion Ratio Lower Upper

43 100

58 37.7 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

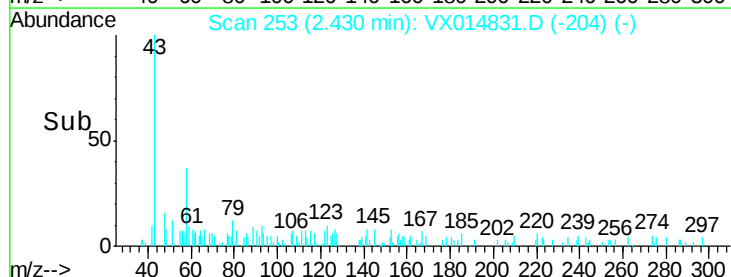
1500

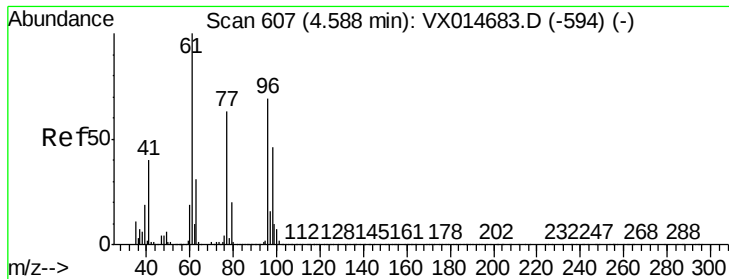
1000

500

0

Time-->



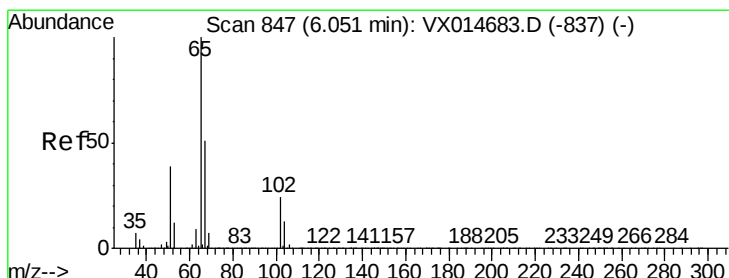
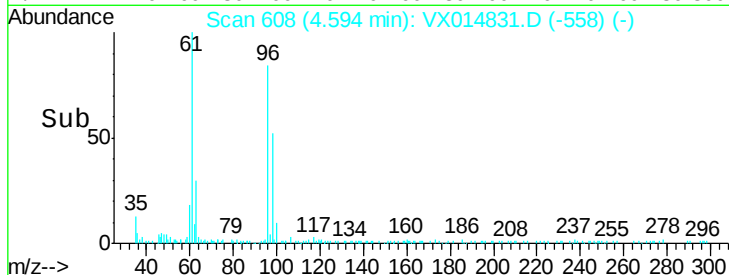
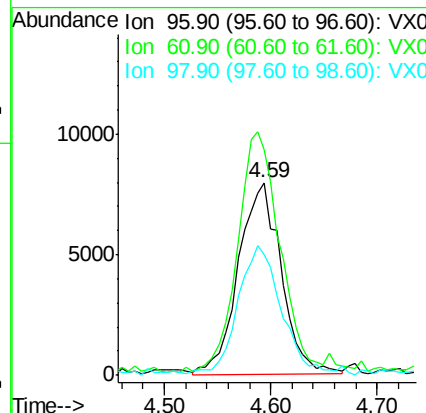
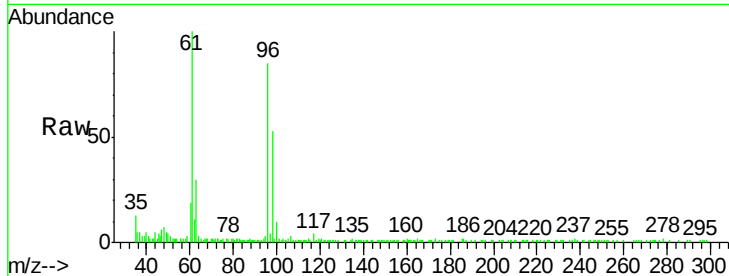


#27

cis-1,2-Dichloroethene
Concen: 4.180 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX014831.D
Acq: 05 Feb 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-200204

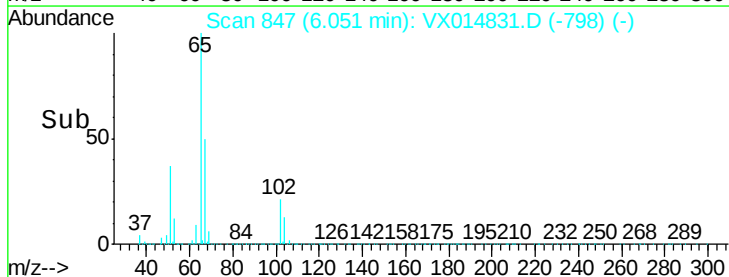
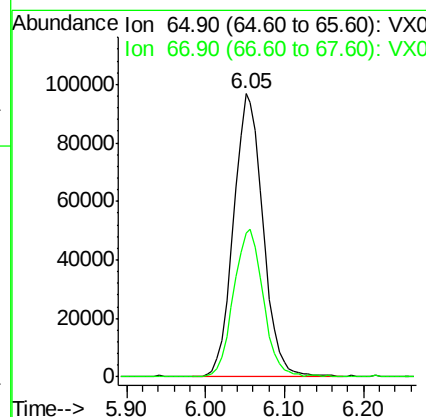
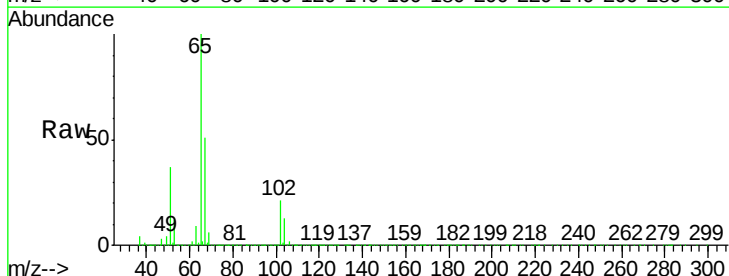
Tot Ion	96	Resp	22301
Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	291.0
98	68.0	0.0	129.8

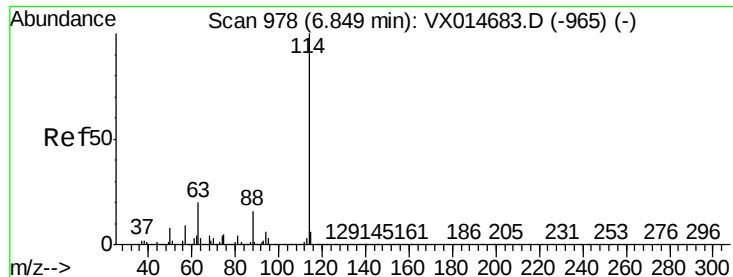


#33

1,2-Dichloroethane-d4
Concen: 48.942 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014831.D
Acq: 05 Feb 2020 18:37

Tgt Ion	65	Resp	248923
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014831.D

Acq: 05 Feb 2020 18:37

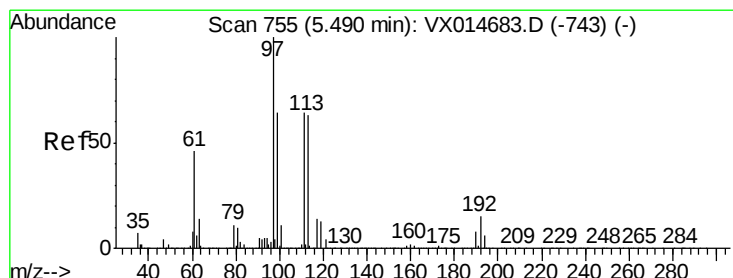
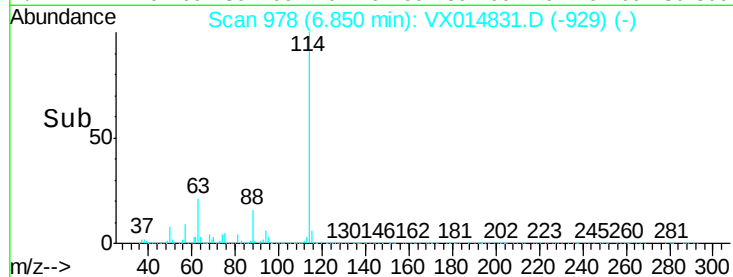
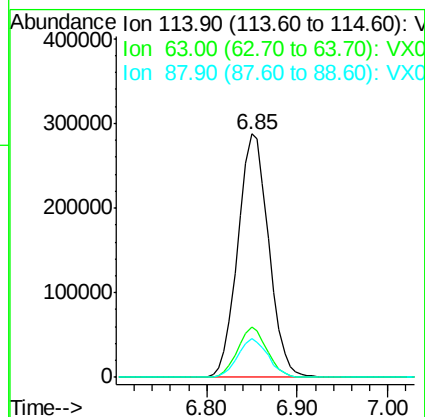
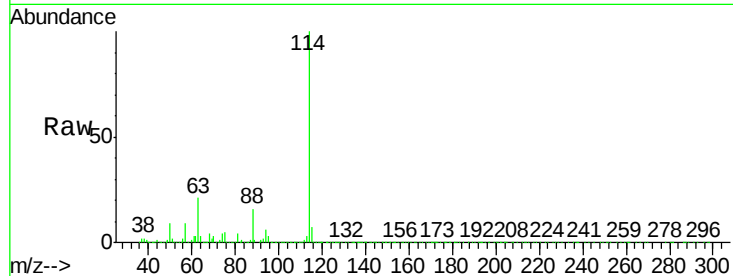
Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200204

Tot Ion:	114	Resp:	679174
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.6
88	16.0	0.0	31.2



#35

Dibromofluoromethane

Concen: 48.947 ug/l

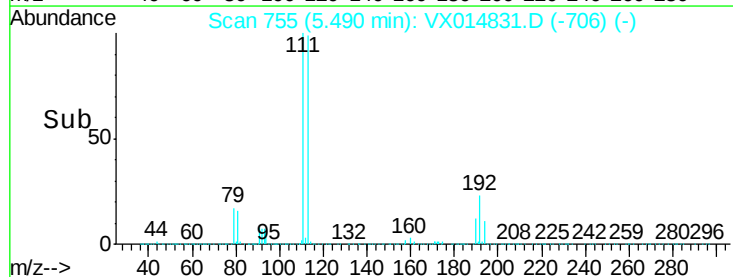
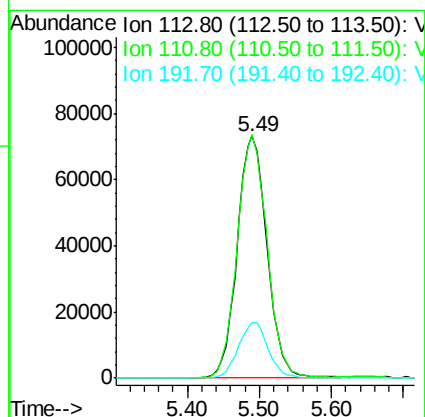
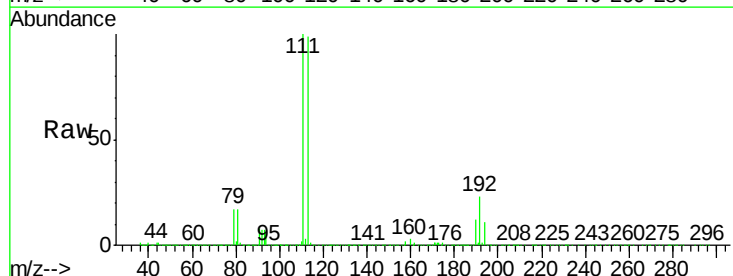
RT: 5.49 min Scan# 755

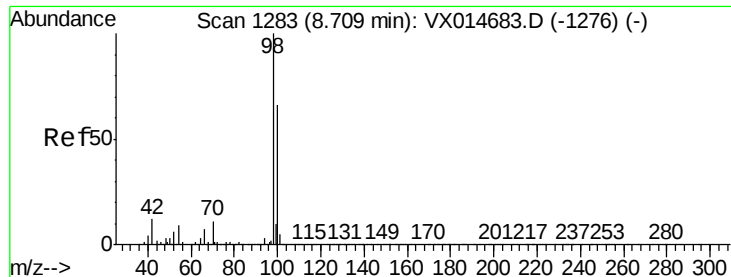
Delta R.T. 0.00 min

Lab File: VX014831.D

Acq: 05 Feb 2020 18:37

Tgt Ion:	113	Resp:	209764
Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.7	121.1
192	23.1	18.5	27.7





#50

Toluene-d8

Concen: 48.998 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014831.D

Acq: 05 Feb 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

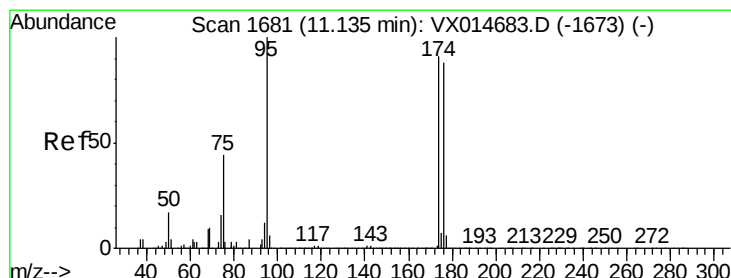
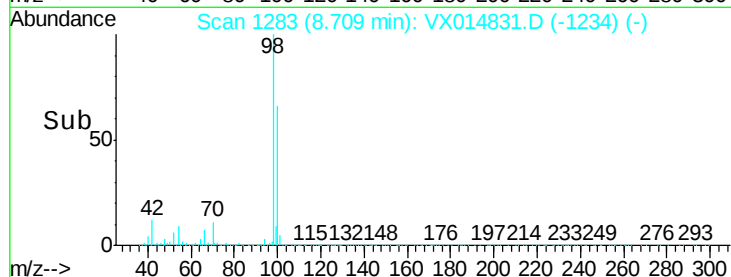
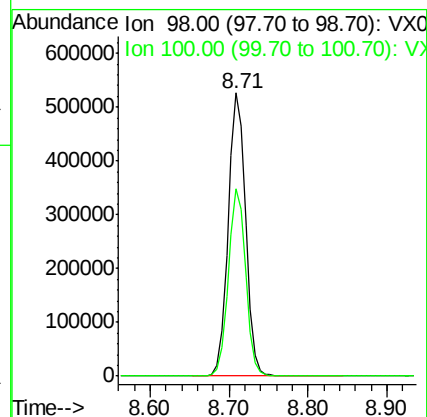
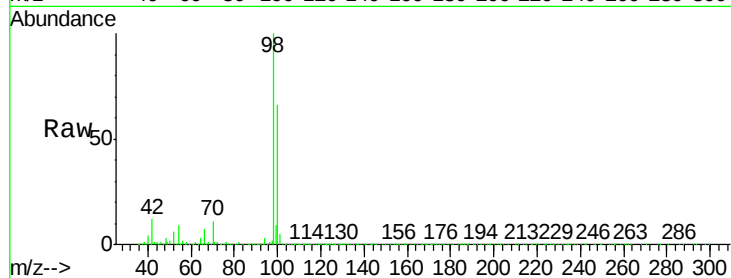
OUTFALL001-200204

Tot Ion: 98 Resp: 807252

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 46.698 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014831.D

Acq: 05 Feb 2020 18:37

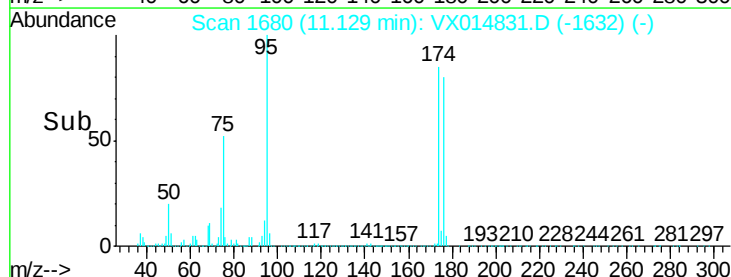
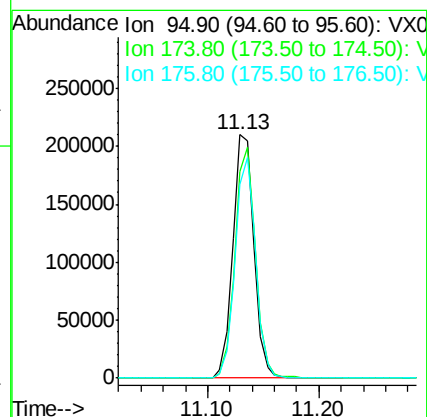
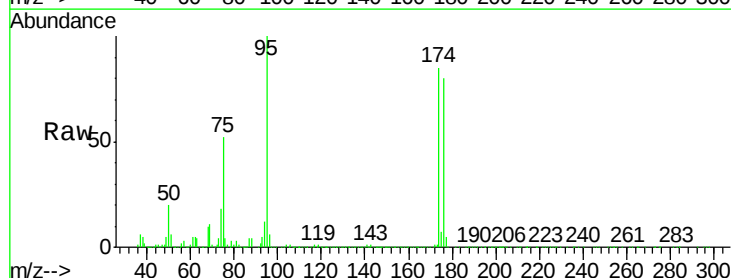
Tgt Ion: 95 Resp: 274064

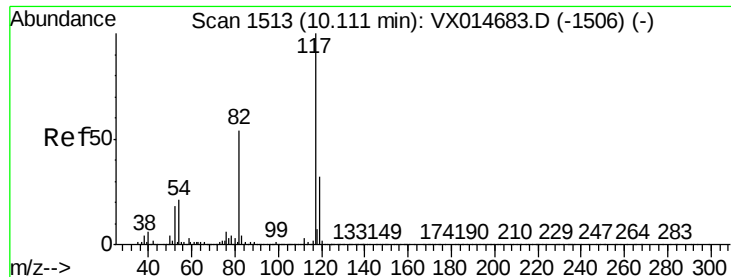
Ion Ratio Lower Upper

95 100

174 92.0 0.0 176.0

176 88.1 0.0 172.2

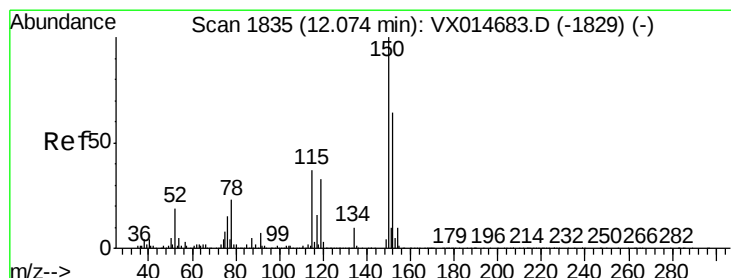
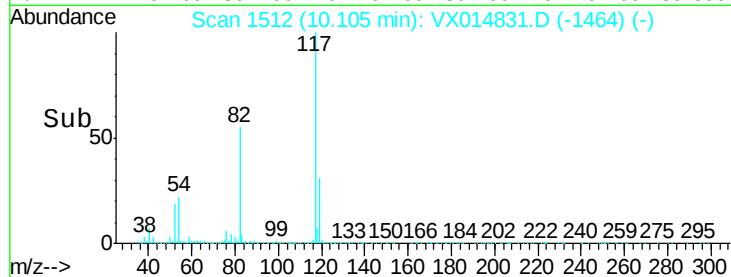
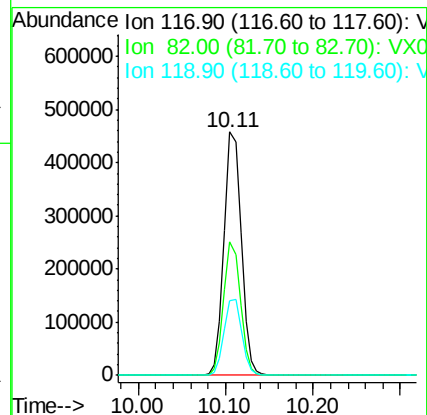
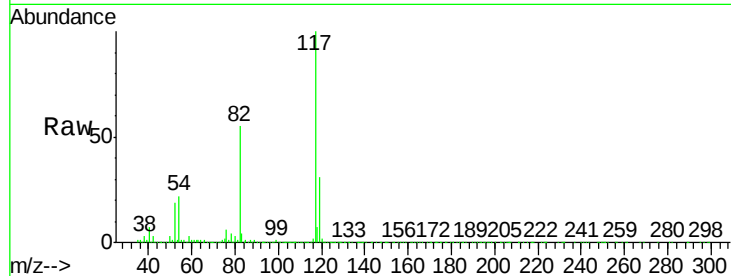




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014831.D
Acq: 05 Feb 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-200204

Tot Ion:117 Resp: 625043
Ion Ratio Lower Upper
117 100
82 54.7 43.2 64.8
119 30.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014831.D
Acq: 05 Feb 2020 18:37

Tgt Ion:152 Resp: 283637
Ion Ratio Lower Upper
152 100
115 55.6 39.4 118.1
150 158.0 0.0 351.2

