

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137884.D
 Acq On : 10 Dec 2019 05:01
 Operator : JC/SP
 Sample : K6186-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 06:27:56 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

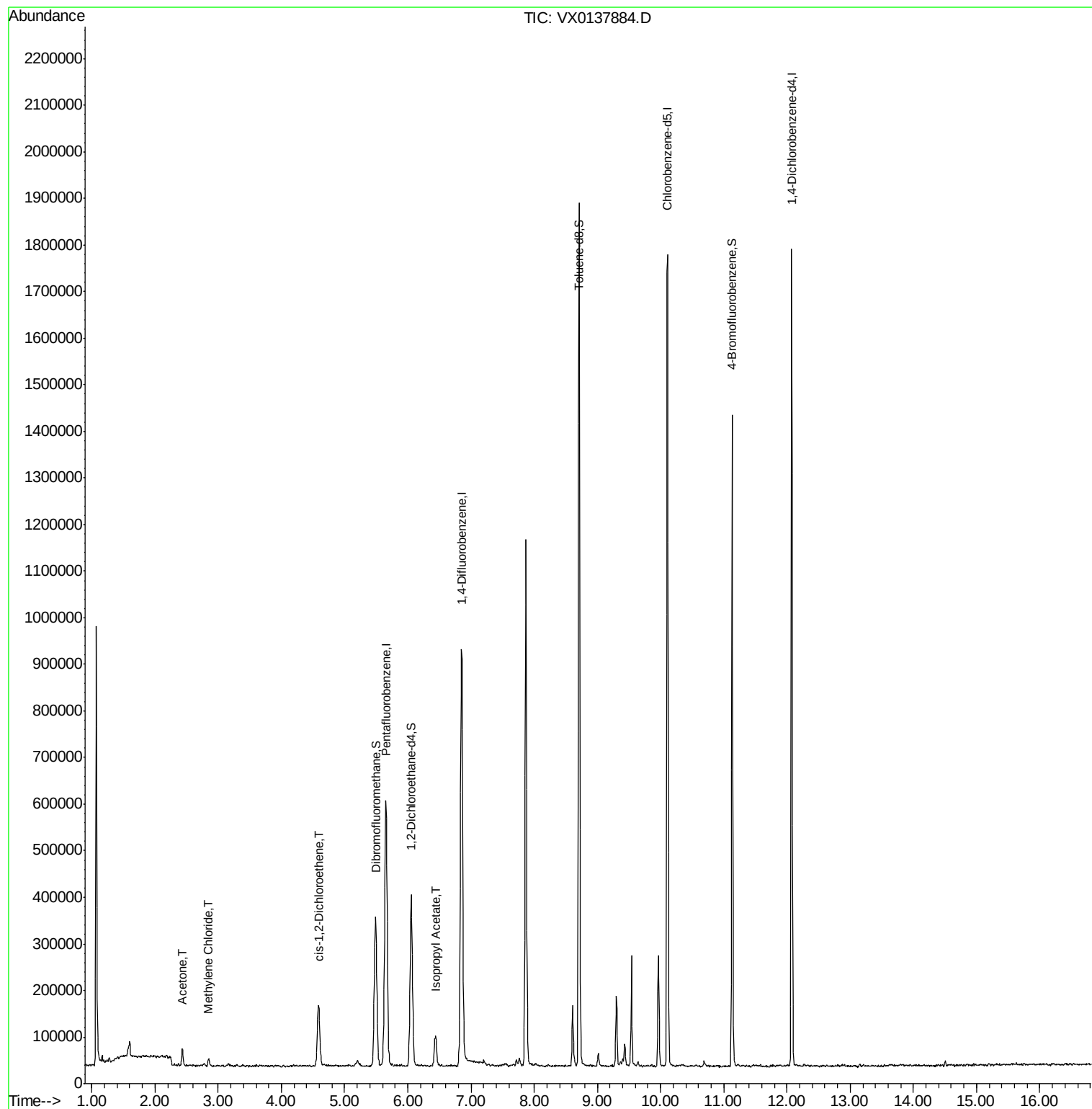
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	600288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	922249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	834243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	367124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	334288	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
35) Dibromofluoromethane	5.49	113	276674	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	1108516	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	365201	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
16) Acetone	2.43	43	41561	12.081	ug/l	95
20) Methylene Chloride	2.84	84	9546	1.444	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	85333	11.940	ug/l	90
43) Isopropyl Acetate	6.44	43	93686	6.059	ug/l	99

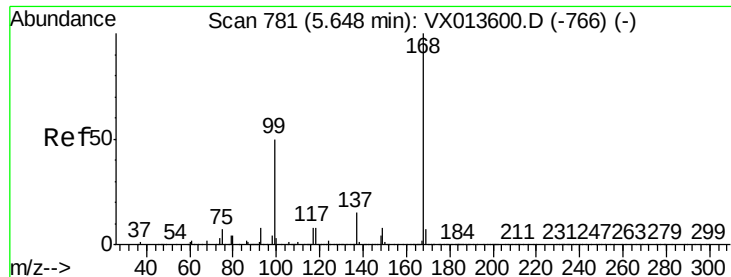
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX0137884.D

Acq: 10 Dec 2019 05:01

Instrument :

MSVOA_X

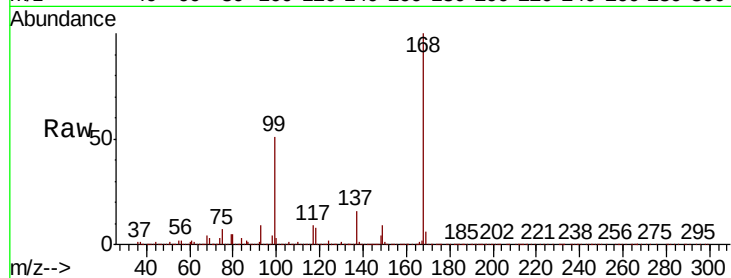
ClientSampleId :

Tot Ion:168 Resp: 600288

Ion Ratio Lower Upper

168 100

99 51.2 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

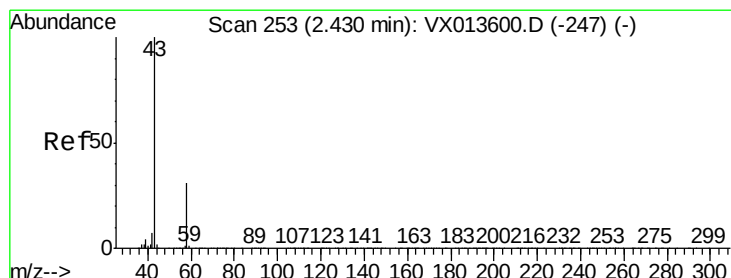
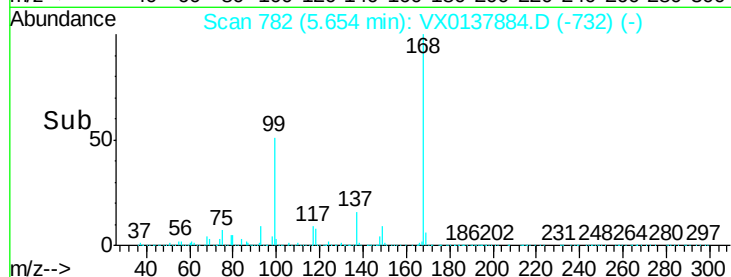
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.081 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX0137884.D

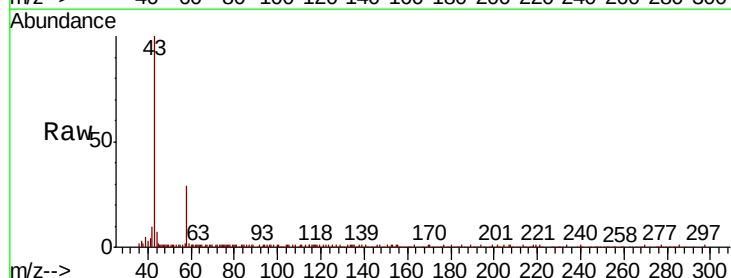
Acq: 10 Dec 2019 05:01

Tgt Ion: 43 Resp: 41561

Ion Ratio Lower Upper

43 100

58 27.9 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

25000

20000

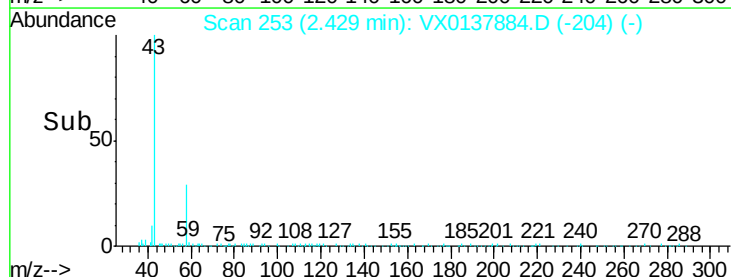
15000

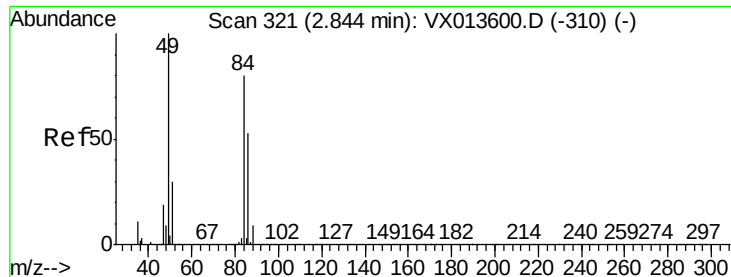
10000

5000

0

Time-->

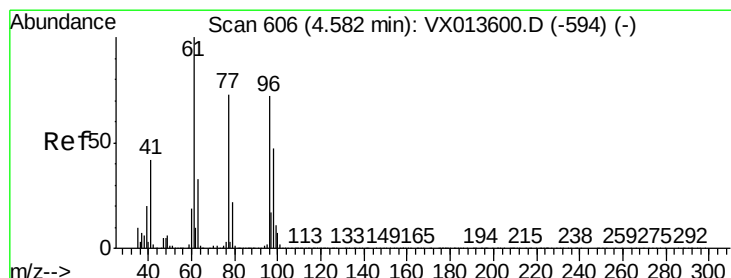
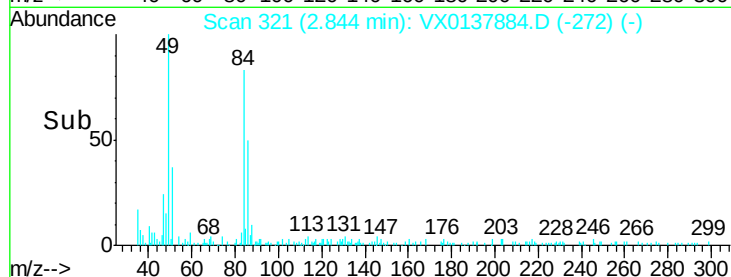
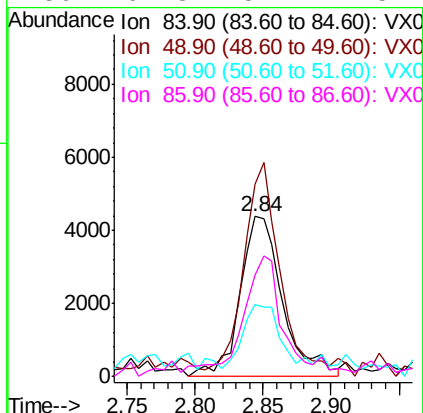
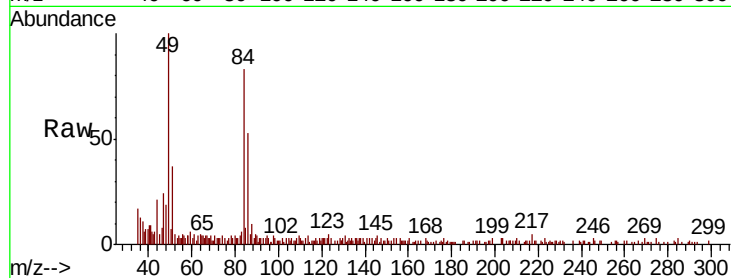




#20
Methylene Chloride
Concen: 1.444 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX0137884.D
Acq: 10 Dec 2019 05:01

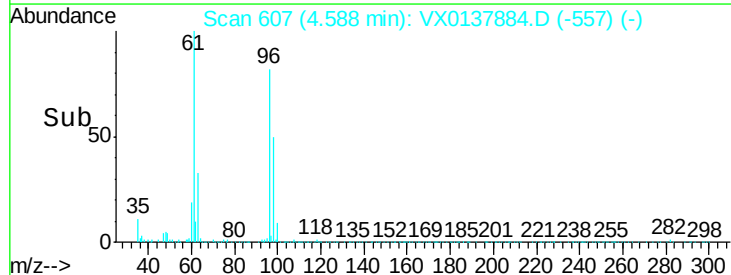
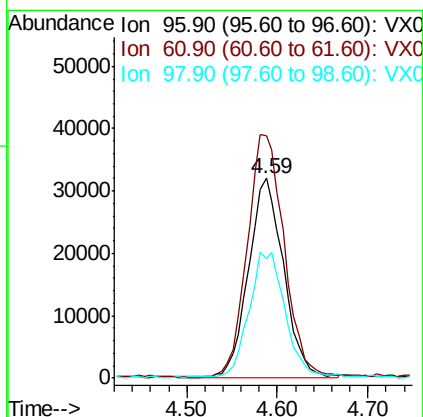
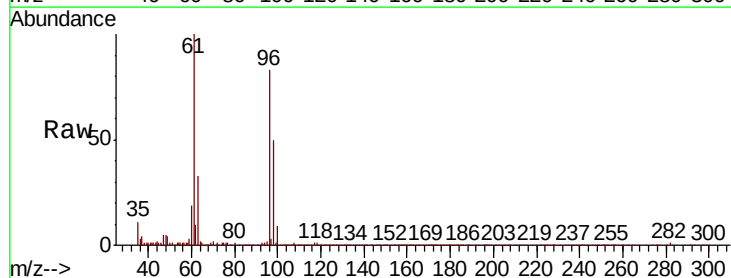
Instrument :
MSVOA_X
ClientSampleId :

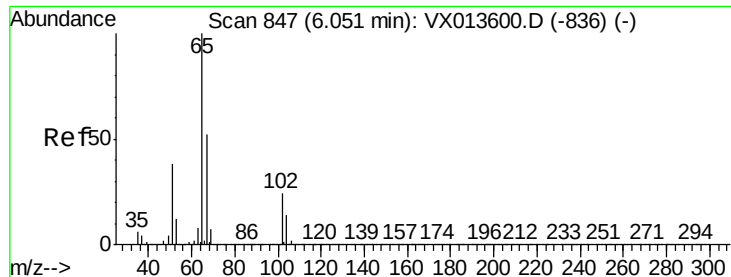
Tot Ion: 84 Resp: 9546
Ion Ratio Lower Upper
84 100
49 116.6 99.7 149.5
51 39.6 29.9 44.9
86 61.3 52.2 78.4



#27
cis-1,2-Dichloroethene
Concen: 11.940 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137884.D
Acq: 10 Dec 2019 05:01

Tgt Ion: 96 Resp: 85333
Ion Ratio Lower Upper
96 100
61 126.2 0.0 286.4
98 64.4 0.0 127.4

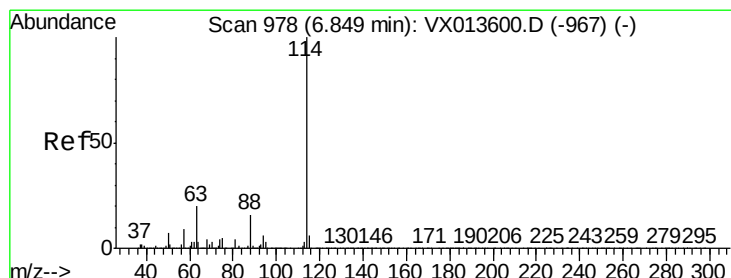
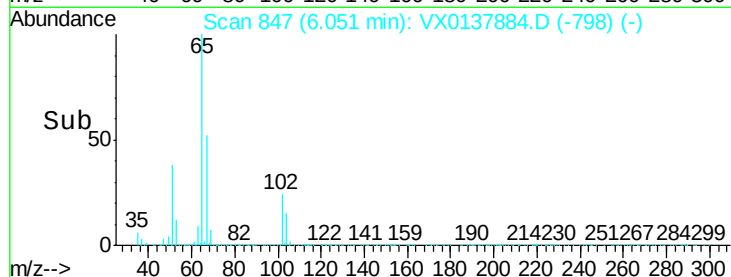
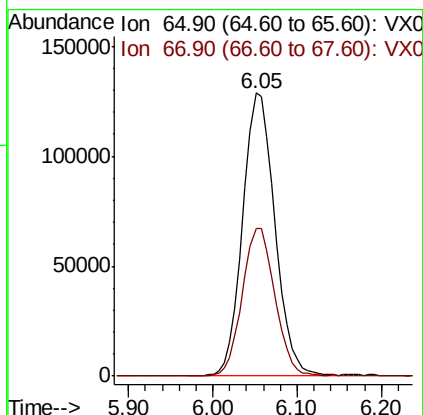
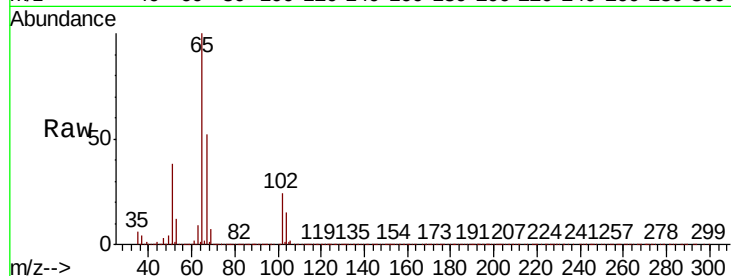




#33
 1,2-Dichloroethane-d4
 Concen: 47.975 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX0137884.D
 Acq: 10 Dec 2019 05:01

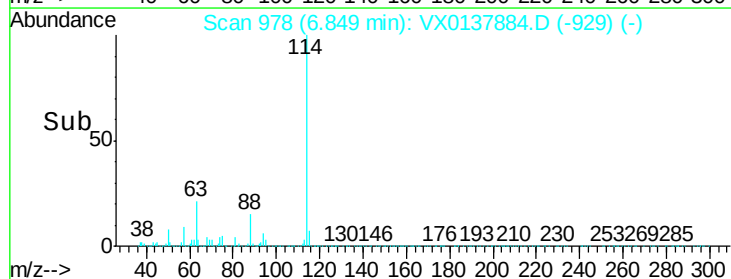
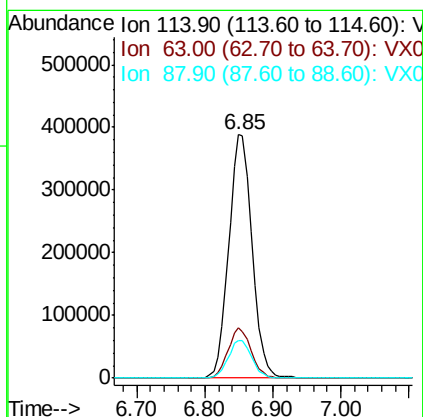
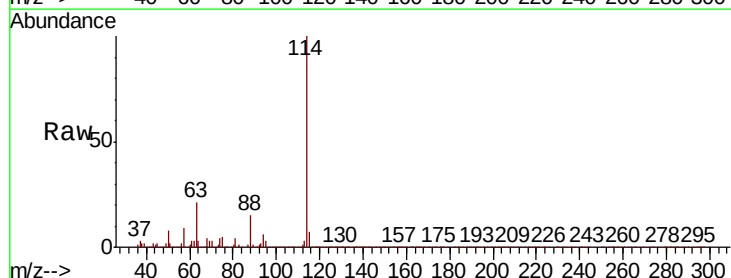
Instrument :
 MSVOA_X
 ClientSampled :

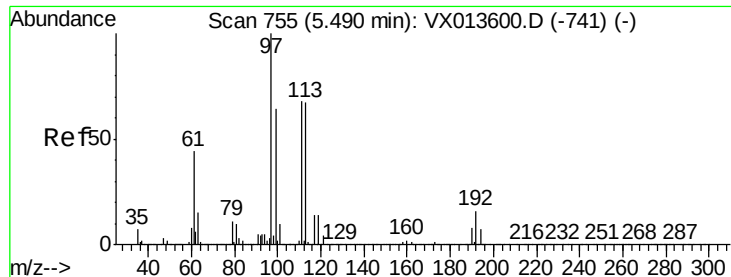
Tot Ion: 65 Resp: 334288
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX0137884.D
 Acq: 10 Dec 2019 05:01

Tgt Ion: 114 Resp: 922249
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.6
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.527 ug/l

RT: 5.49 min Scan# 755

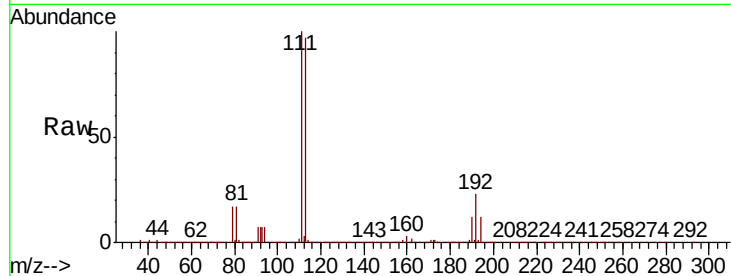
Delta R.T. -0.00 min

Lab File: VX0137884.D

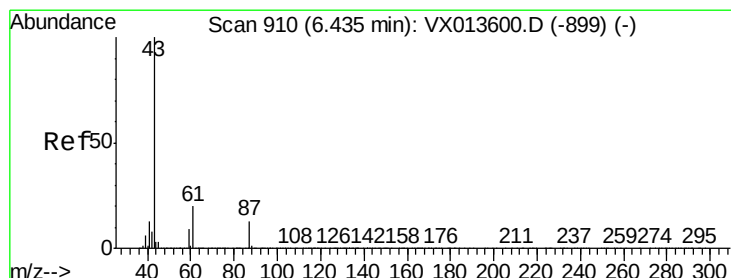
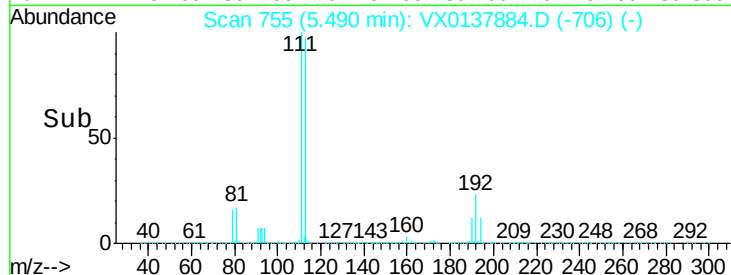
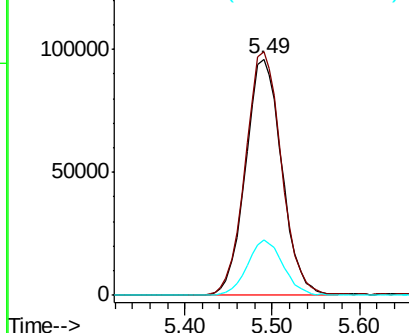
Acq: 10 Dec 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	276674
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	23.3	19.2	28.8



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



#43

Isopropyl Acetate

Concen: 6.059 ug/l

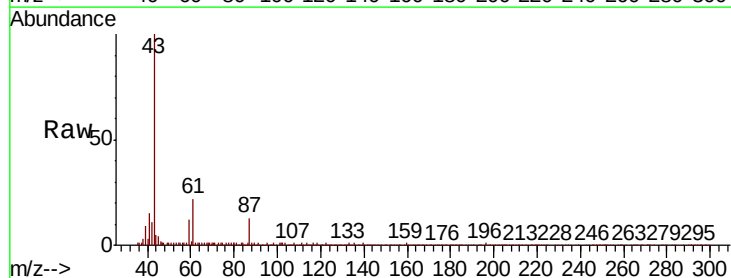
RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

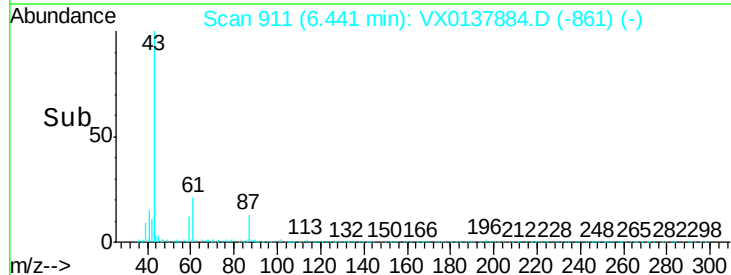
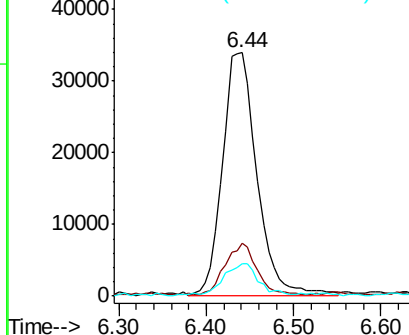
Lab File: VX0137884.D

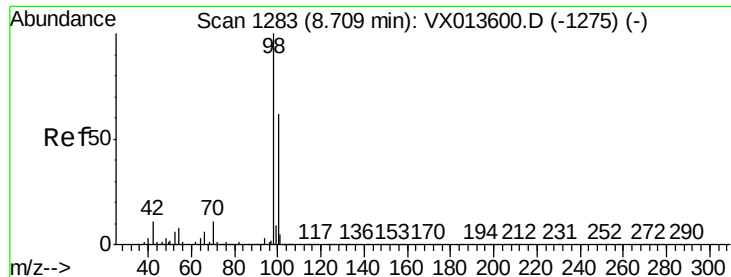
Acq: 10 Dec 2019 05:01

Tgt Ion:	43	Resp:	93686
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.3	24.5
87	13.1	10.8	16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

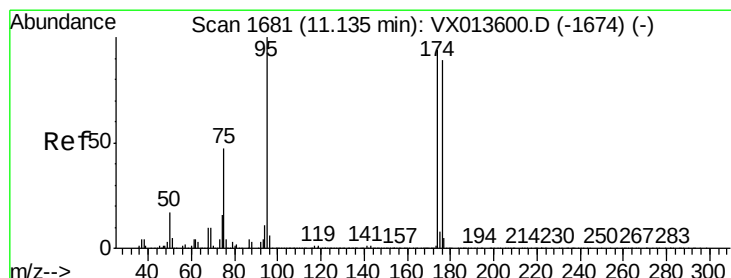
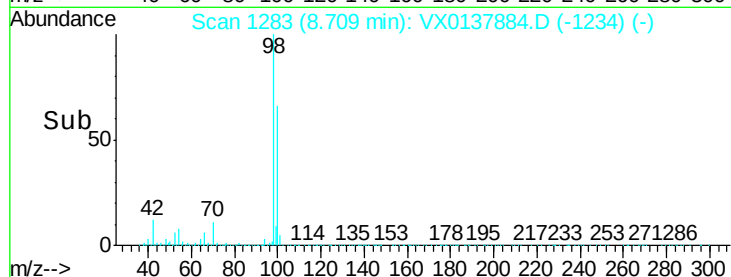
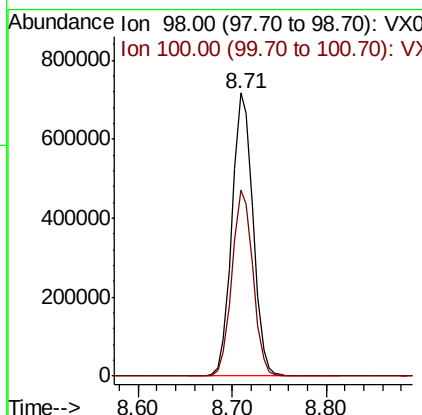
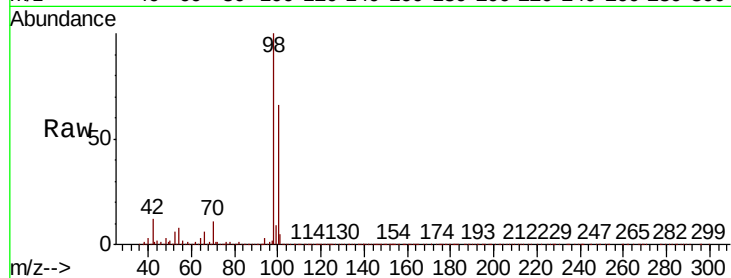




#50
Toluene-d8
Concen: 49.903 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137884.D
Acq: 10 Dec 2019 05:01

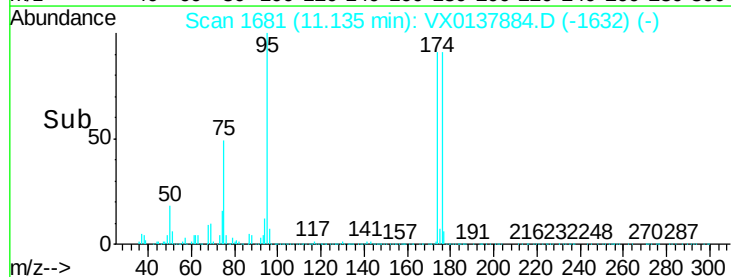
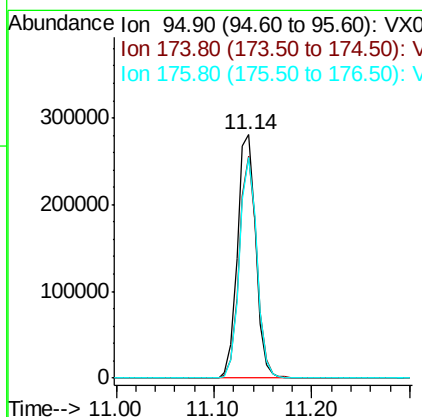
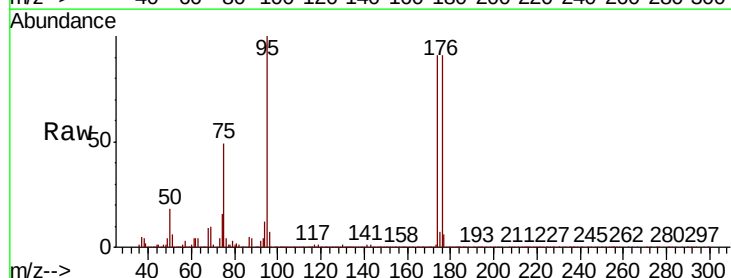
Instrument :
MSVOA_X
ClientSampleId :

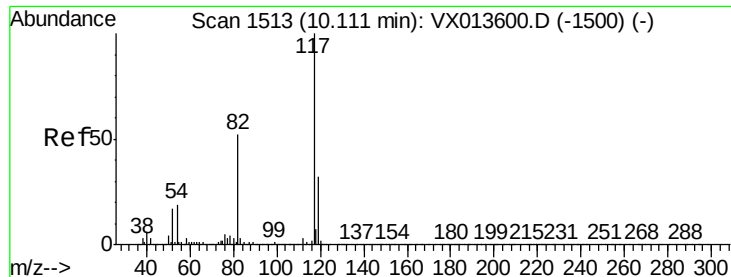
Tot Ion: 98 Resp: 1108516
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.592 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137884.D
Acq: 10 Dec 2019 05:01

Tgt Ion: 95 Resp: 365201
Ion Ratio Lower Upper
95 100
174 87.3 0.0 180.0
176 86.7 0.0 173.6

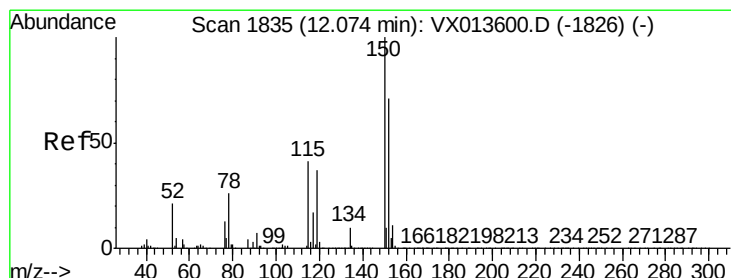
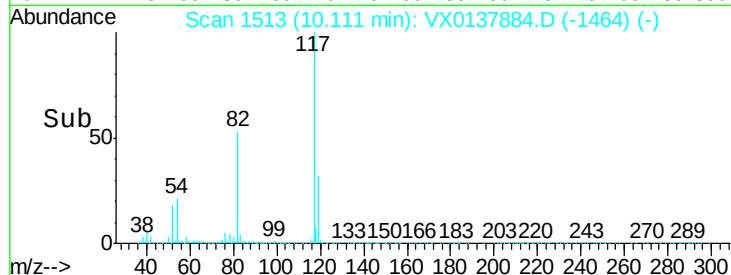
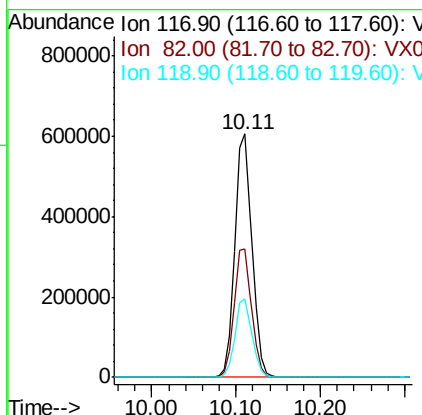
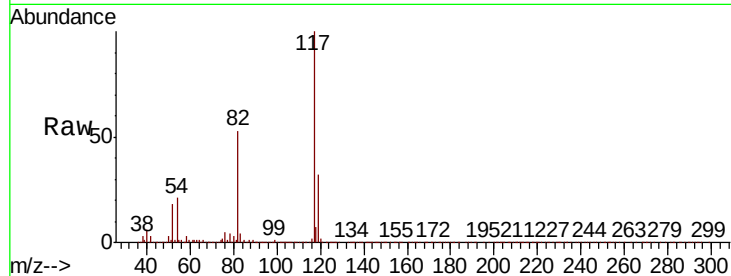




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137884.D
Acq: 10 Dec 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	32.4	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137884.D
Acq: 10 Dec 2019 05:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	155.6	0.0	346.8

