

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012941.D
 Acq On : 09 Oct 2019 14:36
 Operator : JC/SP
 Sample : K5234-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106A

Quant Time: Oct 10 08:44:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

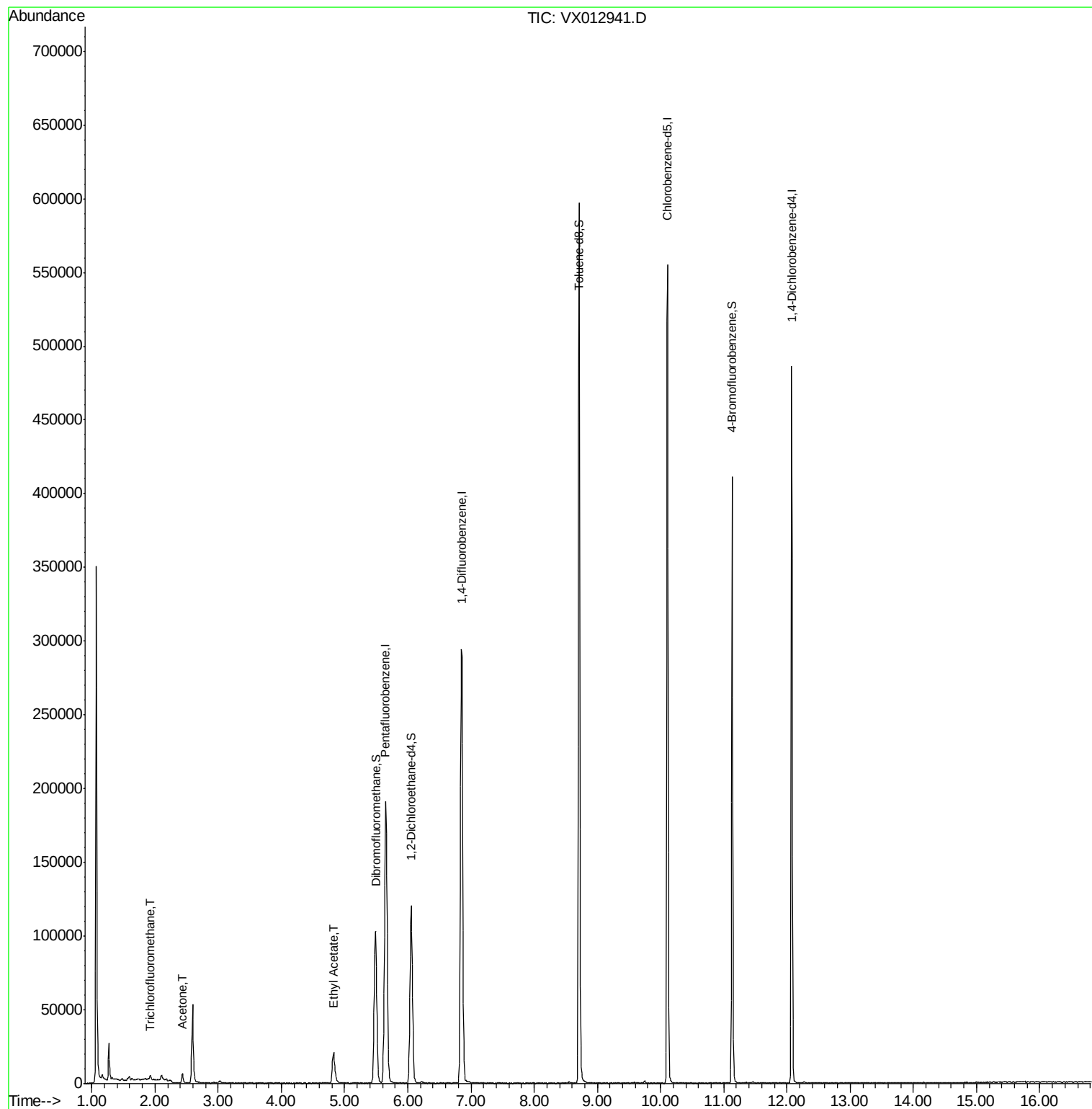
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116692	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	5.49	113	89173	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	8.71	98	349522	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	117487	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
7) Trichlorofluoromethane	1.92	101	1593	0.582	ug/l	85
16) Acetone	2.44	43	6607	5.667	ug/l #	84
37) Ethyl Acetate	4.83	43	37726	12.834	ug/l	98

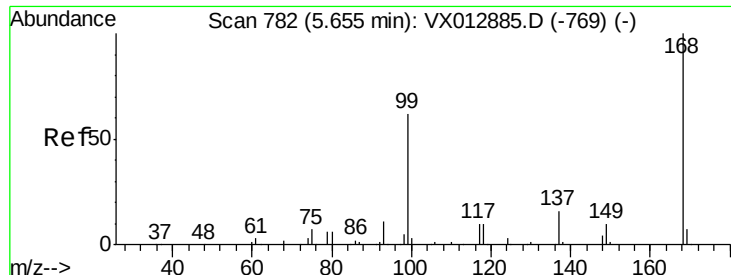
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012941.D

Acq: 09 Oct 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

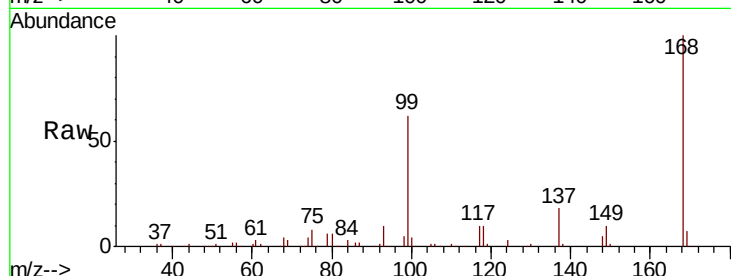
FA19-JBW7106A

Tot Ion:168 Resp: 176982

Ion Ratio Lower Upper

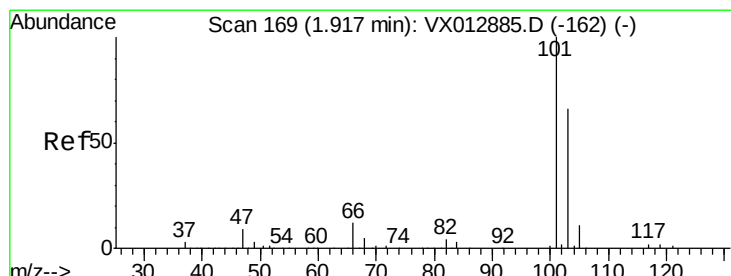
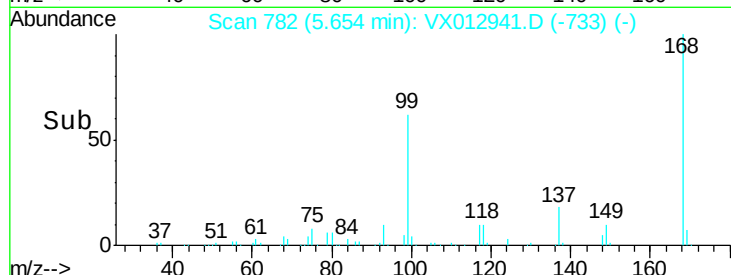
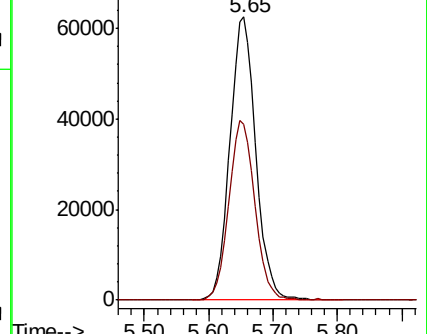
168 100

99 62.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#7

Trichlorofluoromethane

Concen: 0.582 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX012941.D

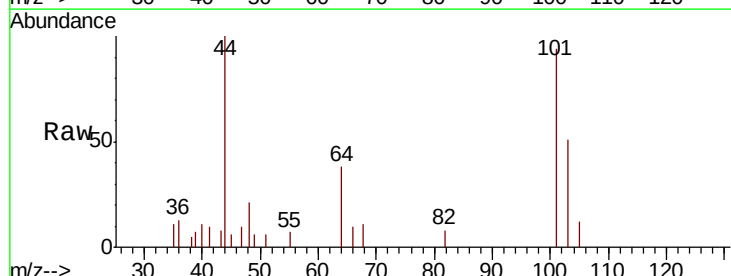
Acq: 09 Oct 2019 14:36

Tgt Ion:101 Resp: 1593

Ion Ratio Lower Upper

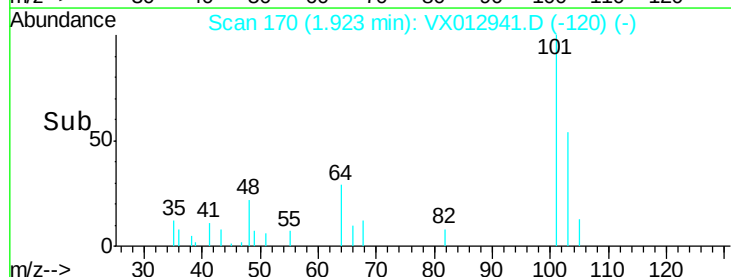
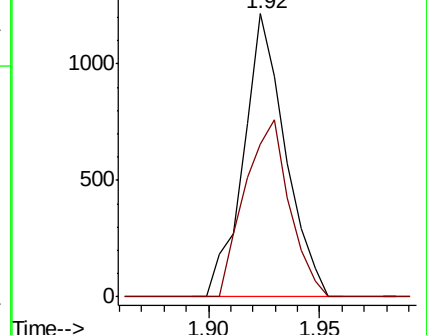
101 100

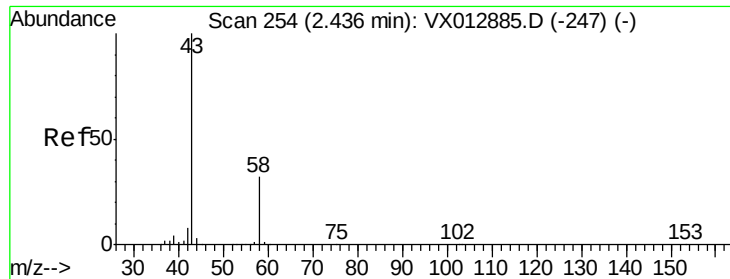
103 54.0 52.5 78.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#16

Acetone

Concen: 5.667 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012941.D

Acq: 09 Oct 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

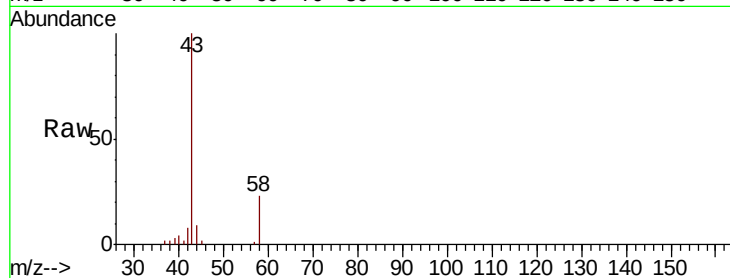
FA19-JBW7106A

Tot Ion: 43 Resp: 6607

Ion Ratio Lower Upper

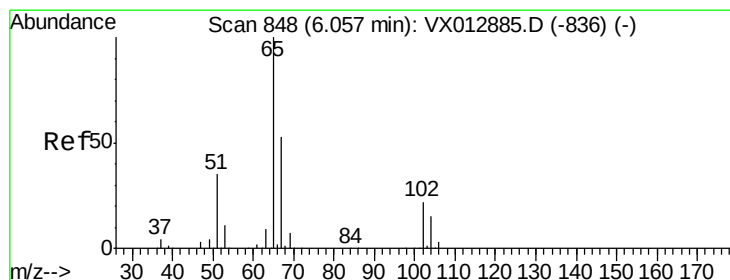
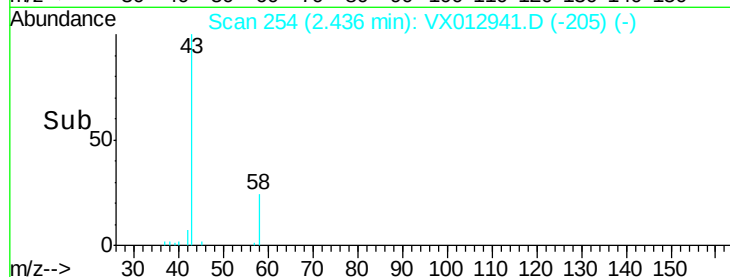
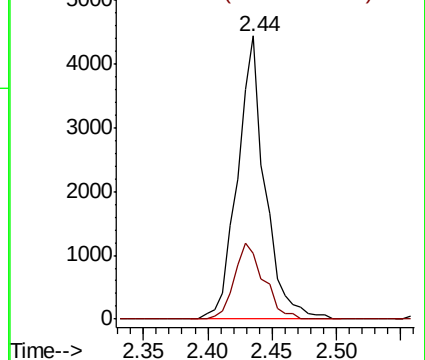
43 100

58 23.1 25.4 38.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.753 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX012941.D

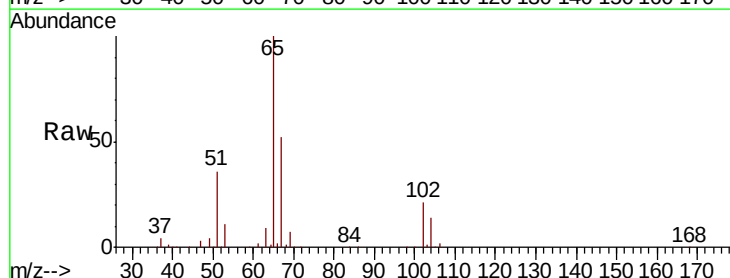
Acq: 09 Oct 2019 14:36

Tgt Ion: 65 Resp: 116692

Ion Ratio Lower Upper

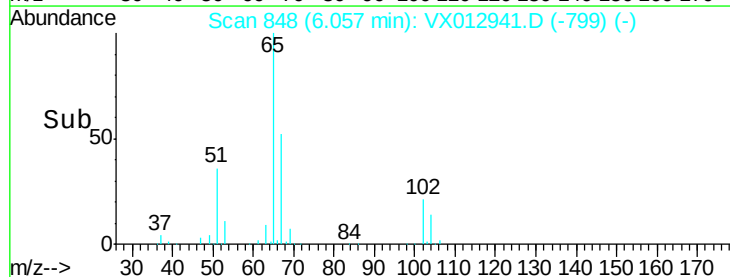
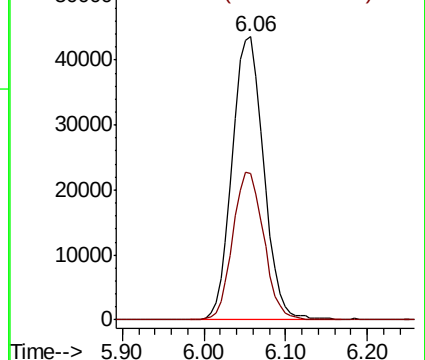
65 100

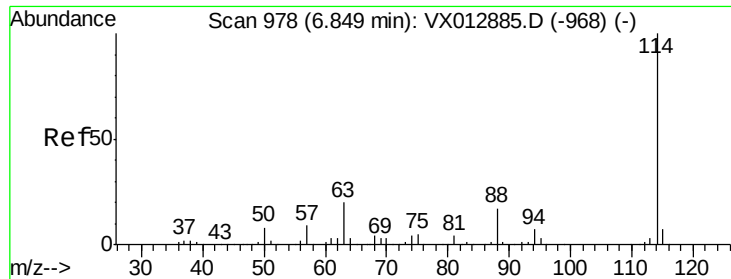
67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

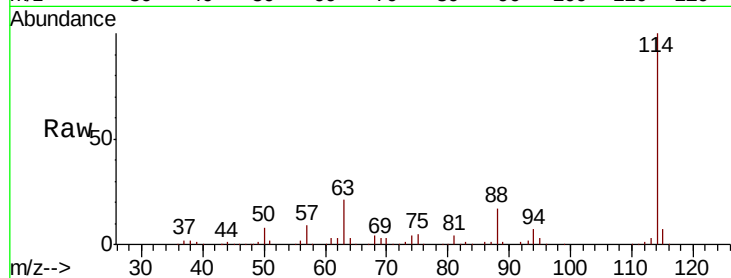




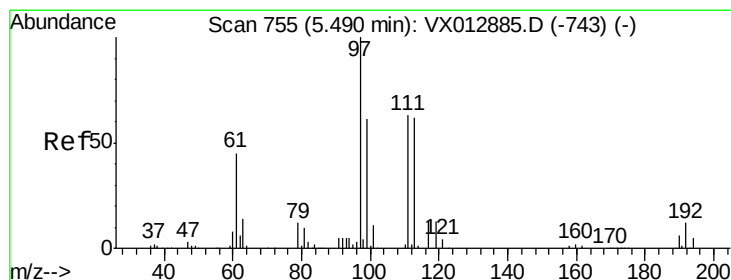
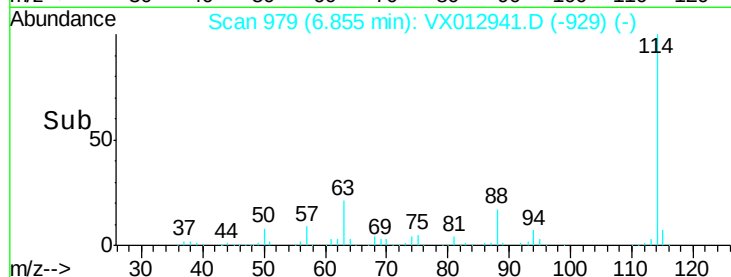
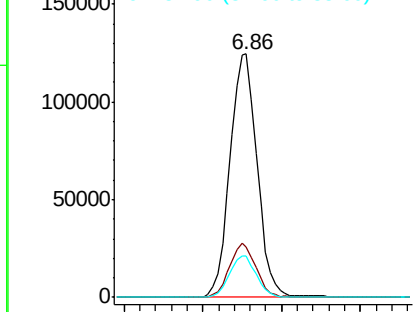
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012941.D
Acq: 09 Oct 2019 14:36

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106A

Tot Ion:114 Resp: 299000
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.1 0.0 33.8

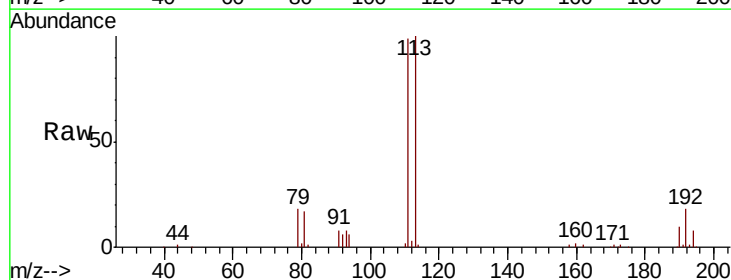


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

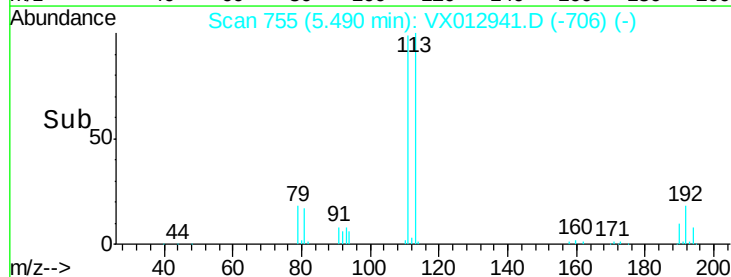
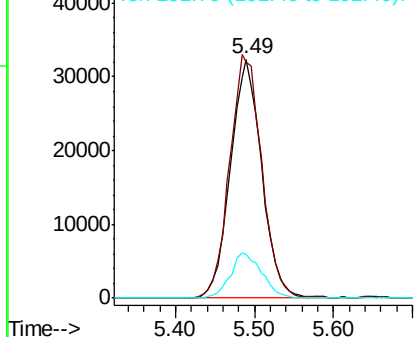


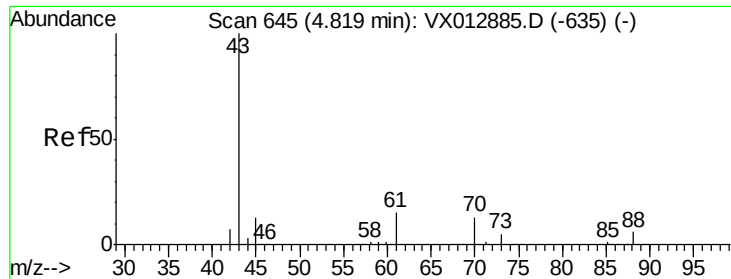
#35
Dibromofluoromethane
Concen: 51.963 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012941.D
Acq: 09 Oct 2019 14:36

Tgt Ion:113 Resp: 89173
Ion Ratio Lower Upper
113 100
111 104.7 83.2 124.8
192 19.2 15.4 23.2



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

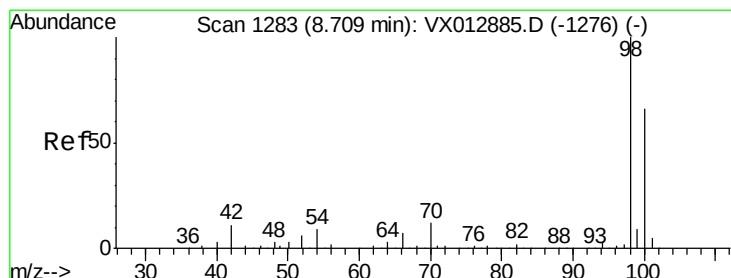
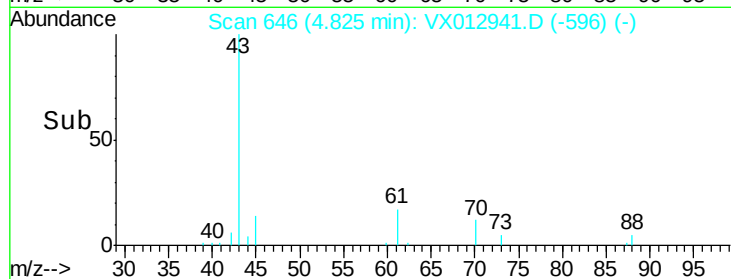
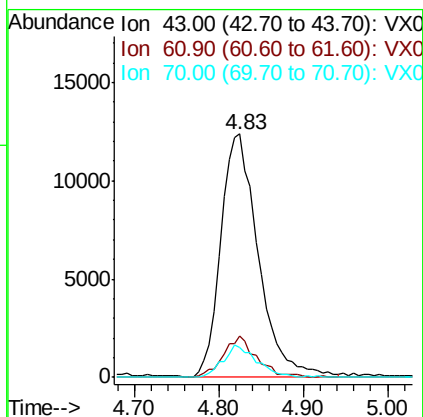
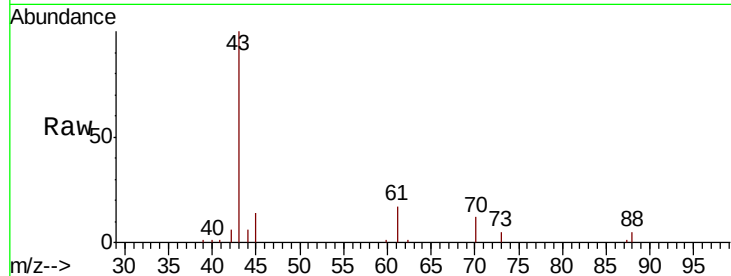




#37
Ethyl Acetate
Concen: 12.834 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012941.D
Acq: 09 Oct 2019 14:36

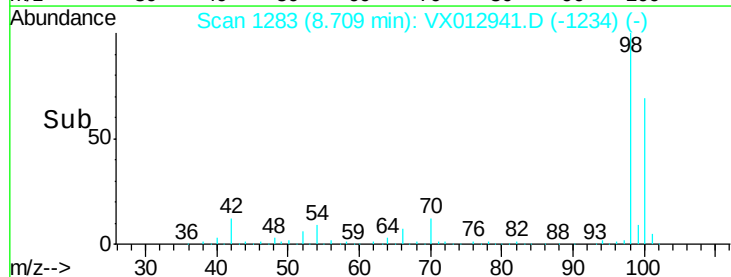
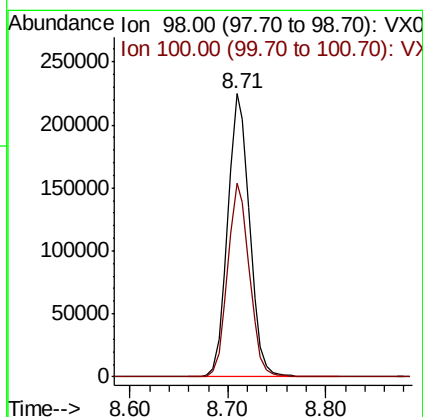
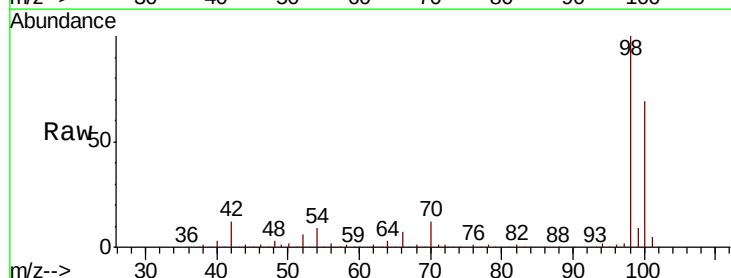
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7106A

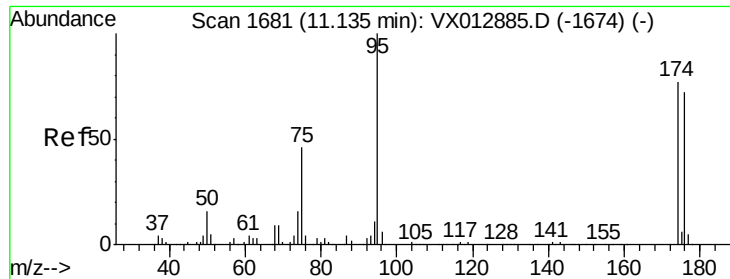
Tot Ion: 43 Resp: 37726
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.0
70 11.8 9.8 14.6



#50
Toluene-d8
Concen: 52.220 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012941.D
Acq: 09 Oct 2019 14:36

Tgt Ion: 98 Resp: 349522
Ion Ratio Lower Upper
98 100
100 67.9 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 45.175 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012941.D

Acq: 09 Oct 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7106A

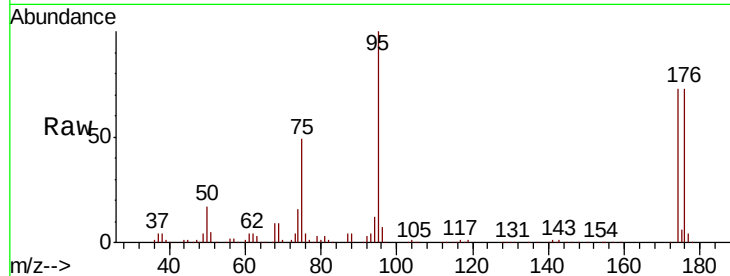
Tot Ion: 95 Resp: 117487

Ion Ratio Lower Upper

95 100

174 69.2 0.0 143.4

176 68.1 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

20000

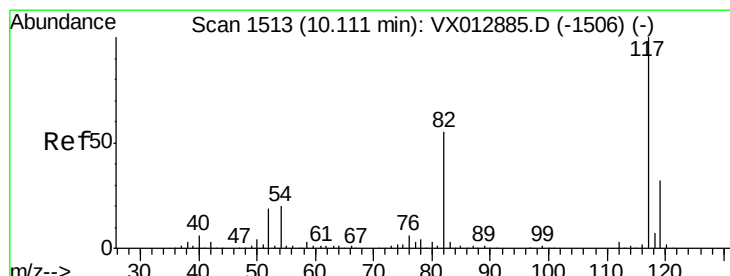
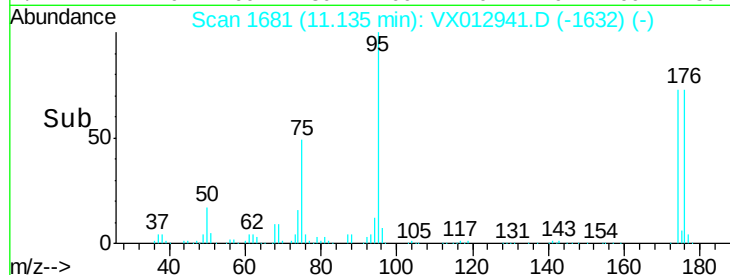
0

11.10

11.14

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012941.D

Acq: 09 Oct 2019 14:36

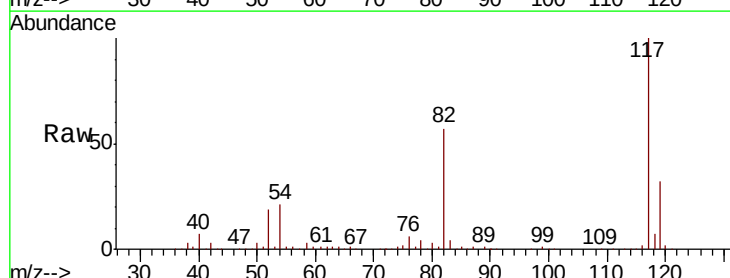
Tgt Ion: 117 Resp: 252986

Ion Ratio Lower Upper

117 100

82 56.9 44.1 66.1

119 32.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

250000

200000

150000

100000

50000

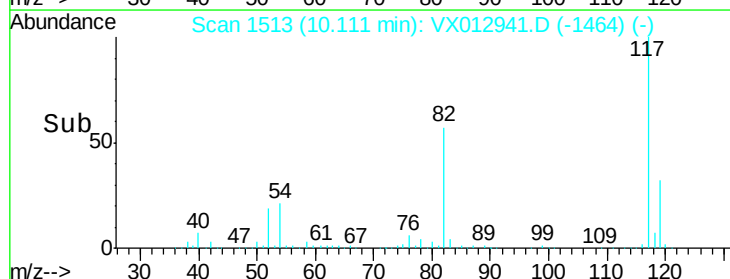
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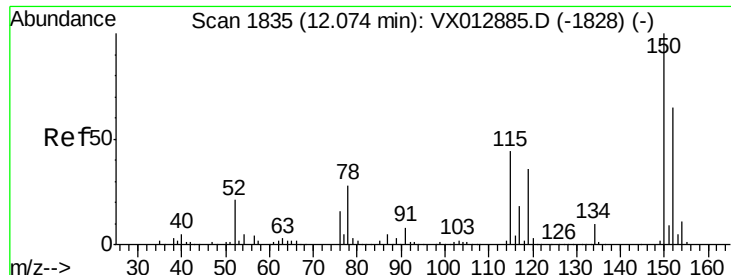
10.10

10.11

10.20

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012941.D
 Acq: 09 Oct 2019 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106A

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.5	133.5
150	159.9	0.0	353.4

