

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012968.D
 Acq On : 10 Oct 2019 02:13
 Operator : JC/SP
 Sample : K5260-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ7208

Quant Time: Oct 10 07:39:07 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

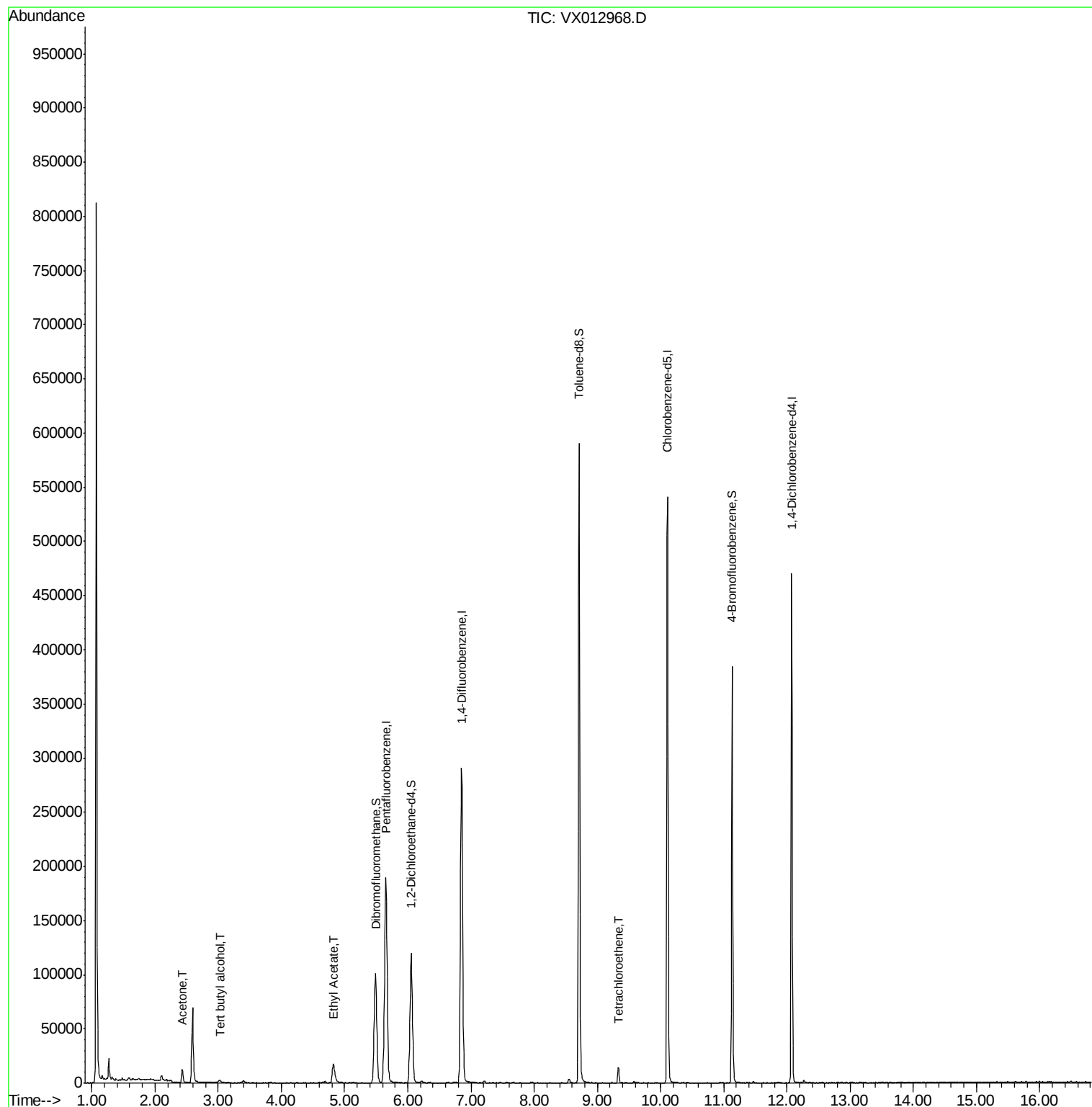
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114143	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	5.49	113	87711	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
50) Toluene-d8	8.71	98	341139	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.13	95	113117	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	2863	4.972	ug/l #	77
16) Acetone	2.43	43	12418	10.847	ug/l	100
37) Ethyl Acetate	4.83	43	31010	10.856	ug/l	98
64) Tetrachloroethene	9.33	164	2611	1.532	ug/l	92

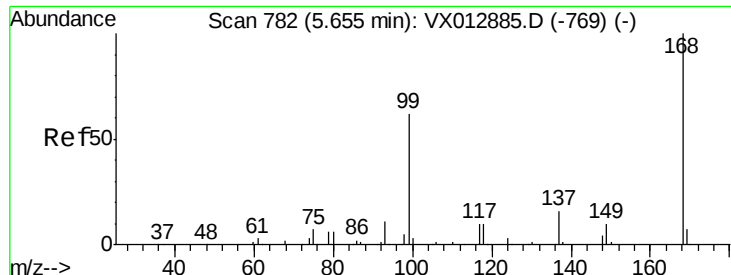
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012968.D

Acq: 10 Oct 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

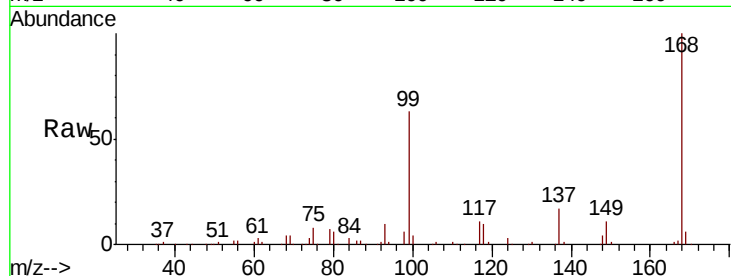
FA19-JPZ7208

Tot Ion:168 Resp: 173781

Ion Ratio Lower Upper

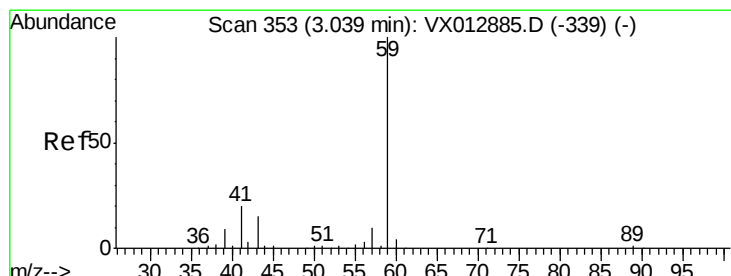
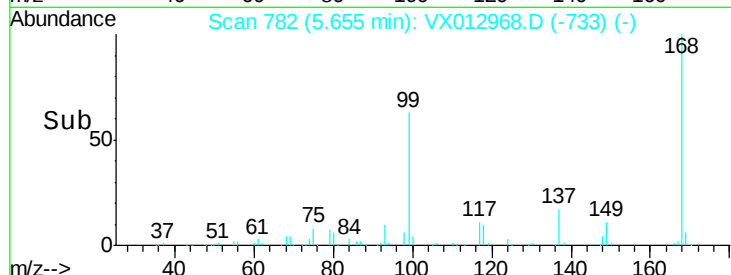
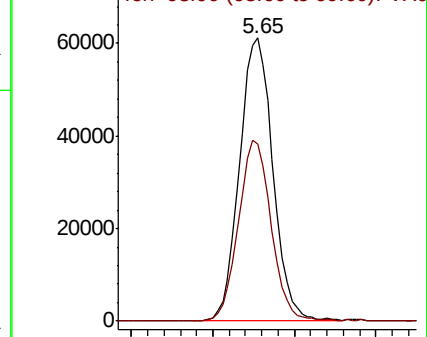
168 100

99 62.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 4.972 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX012968.D

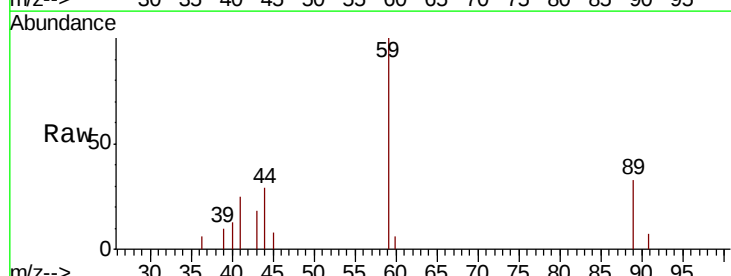
Acq: 10 Oct 2019 02:13

Tgt Ion: 59 Resp: 2863

Ion Ratio Lower Upper

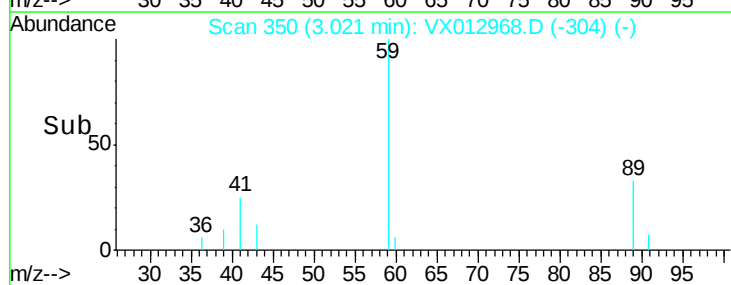
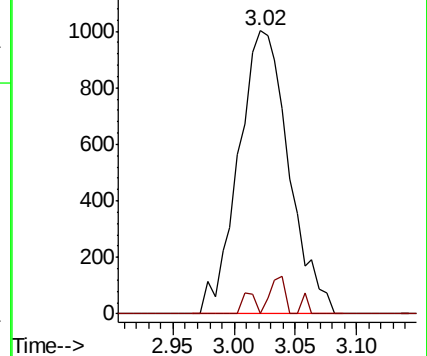
59 100

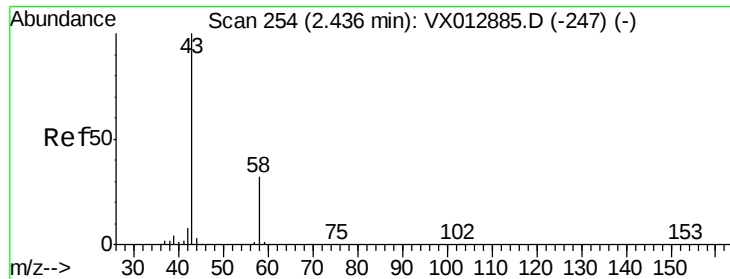
57 1.9 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 10.847 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012968.D

Acq: 10 Oct 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

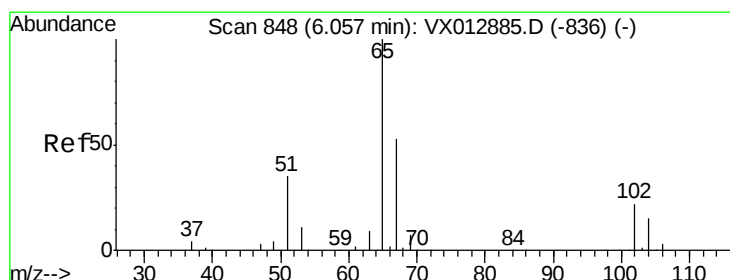
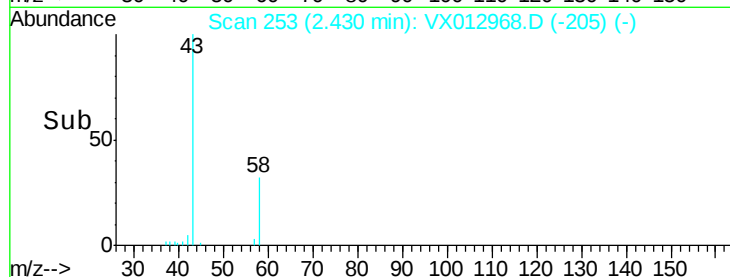
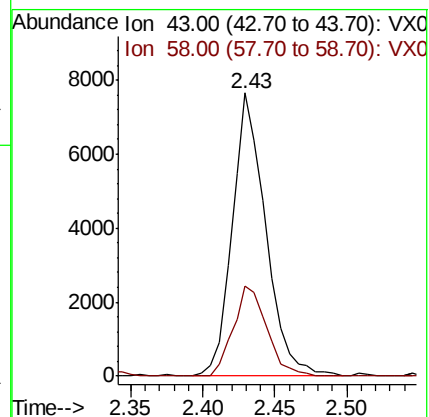
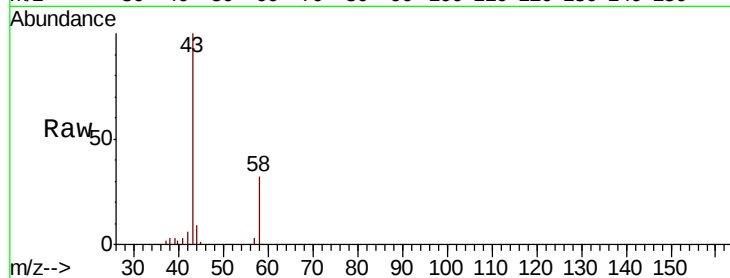
FA19-JPZ7208

Tot Ion: 43 Resp: 12418

Ion Ratio Lower Upper

43 100

58 31.7 25.4 38.2



#33

1,2-Dichloroethane-d4

Concen: 52.551 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012968.D

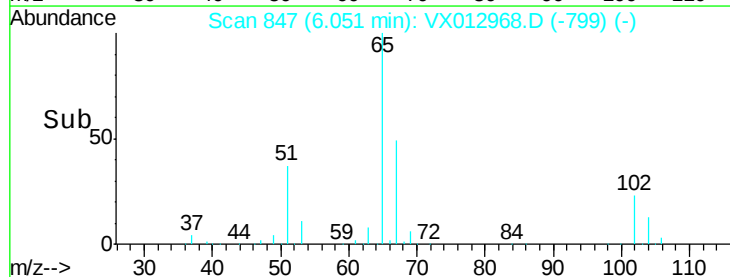
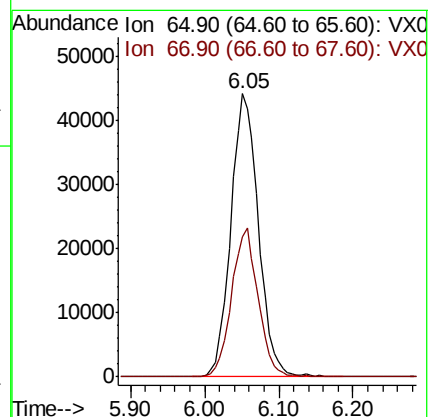
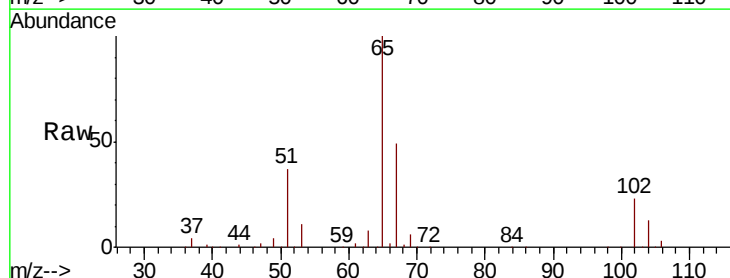
Acq: 10 Oct 2019 02:13

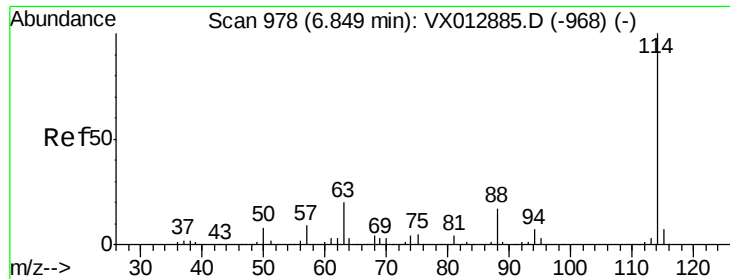
Tgt Ion: 65 Resp: 114143

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4

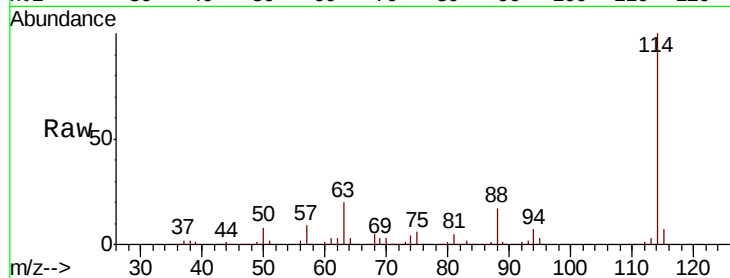




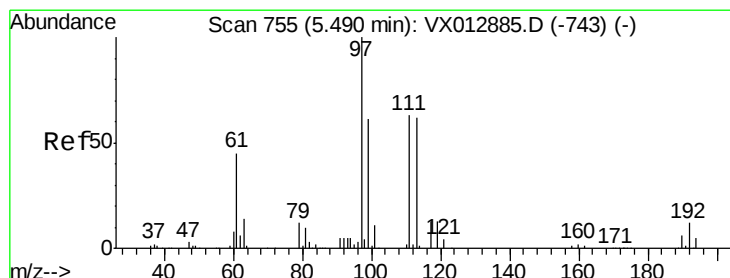
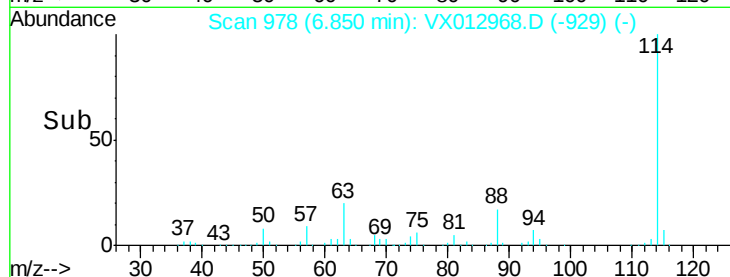
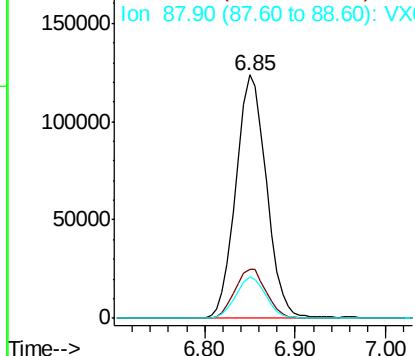
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012968.D
 Acq: 10 Oct 2019 02:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ7208

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	17.0	0.0	33.8

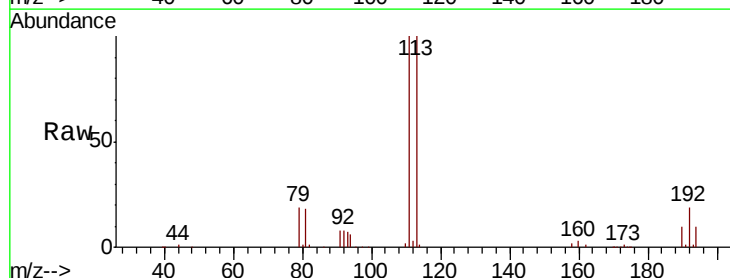


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

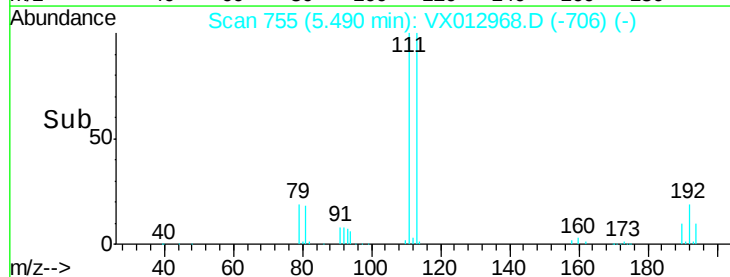
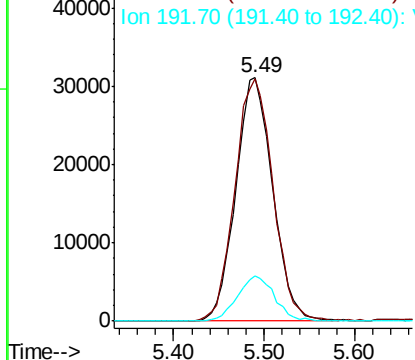


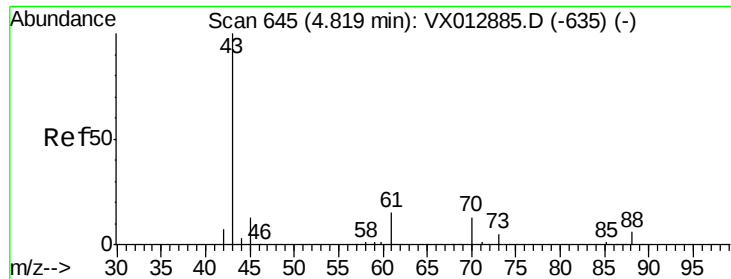
#35
 Dibromofluoromethane
 Concen: 52.597 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012968.D
 Acq: 10 Oct 2019 02:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.2	124.8
192	18.6	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

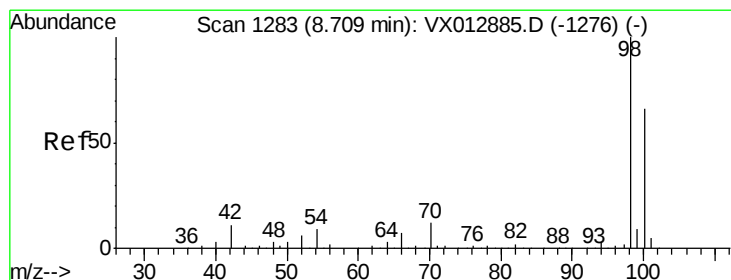
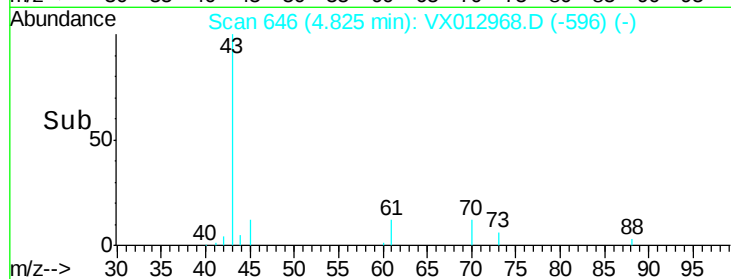
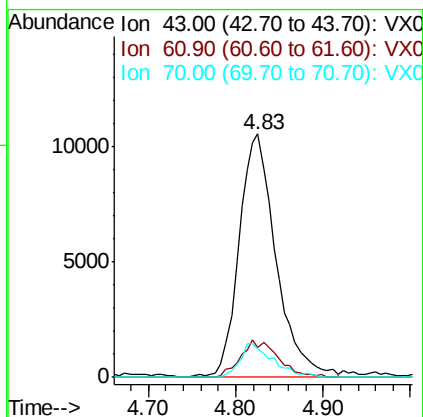
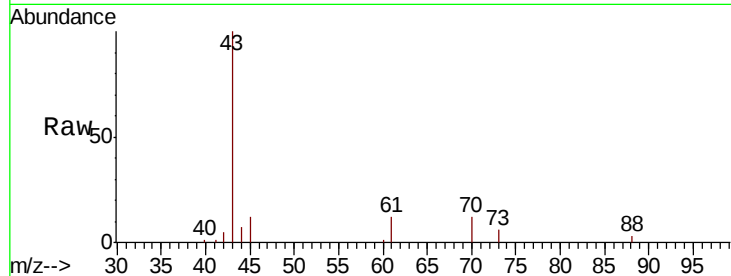




#37
Ethyl Acetate
Concen: 10.856 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012968.D
Acq: 10 Oct 2019 02:13

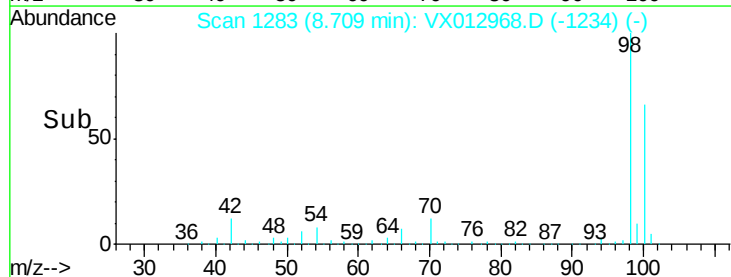
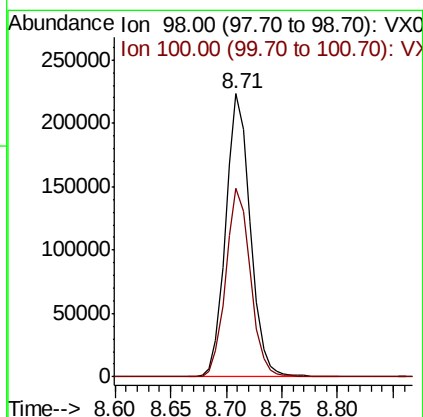
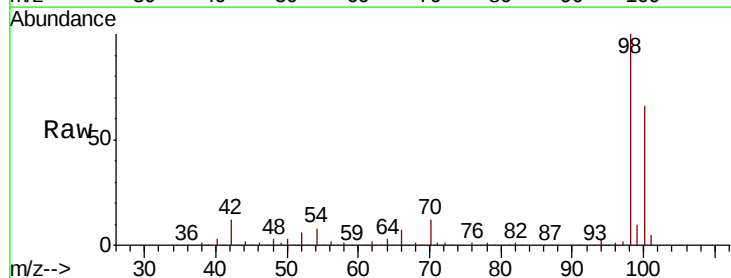
Instrument :
MSVOA_X
ClientSampled :
FA19-JPZ7208

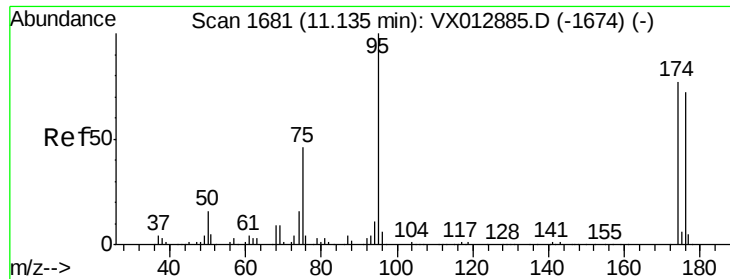
Tot Ion: 43 Resp: 31010
Ion Ratio Lower Upper
43 100
61 15.4 11.4 17.0
70 12.8 9.8 14.6



#50
Toluene-d8
Concen: 52.450 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012968.D
Acq: 10 Oct 2019 02:13

Tgt Ion: 98 Resp: 341139
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 44.760 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012968.D

Acq: 10 Oct 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ7208

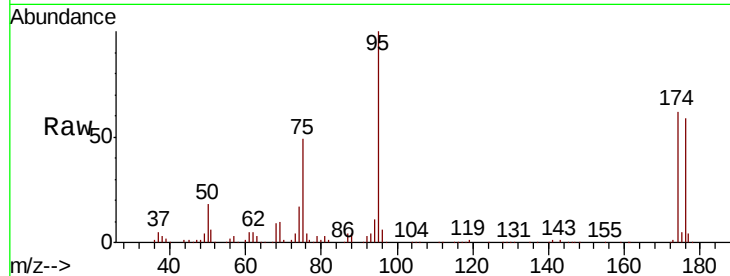
Tot Ion: 95 Resp: 113117

Ion Ratio Lower Upper

95 100

174 70.4 0.0 143.4

176 68.8 0.0 136.0

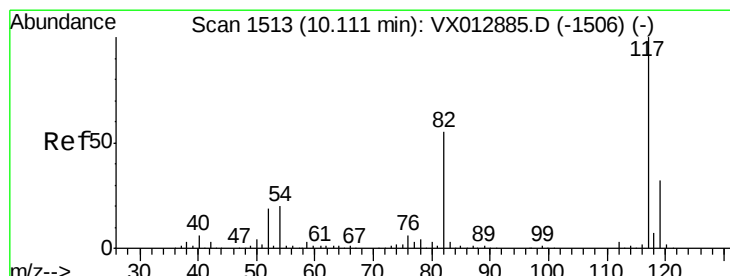
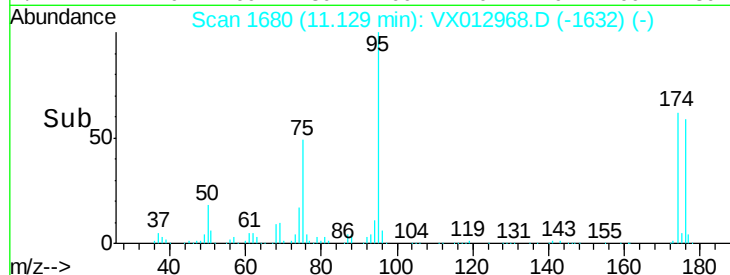


Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012968.D

Acq: 10 Oct 2019 02:13

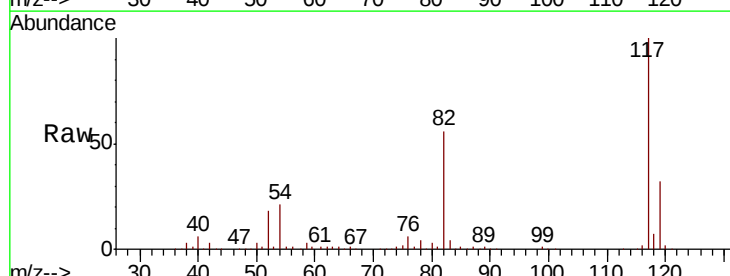
Tgt Ion: 117 Resp: 245685

Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

119 31.8 25.8 38.8

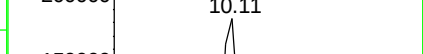
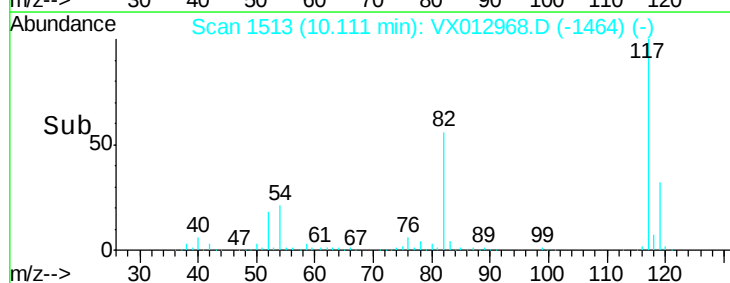


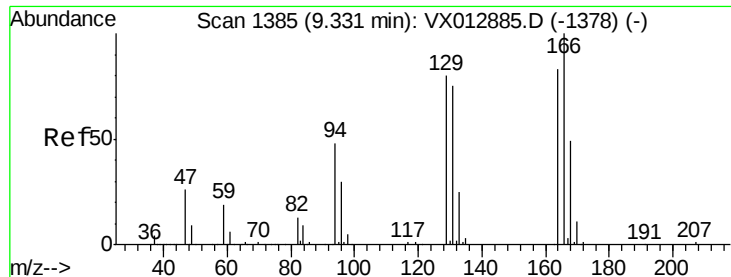
Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

Time-->

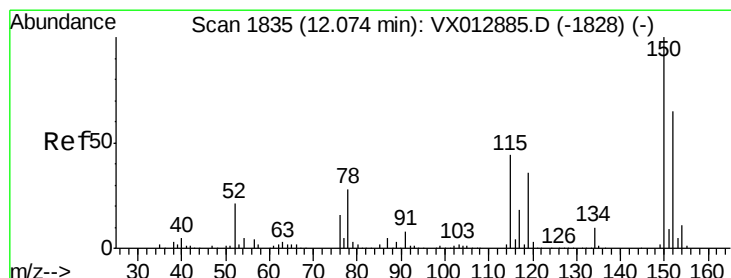
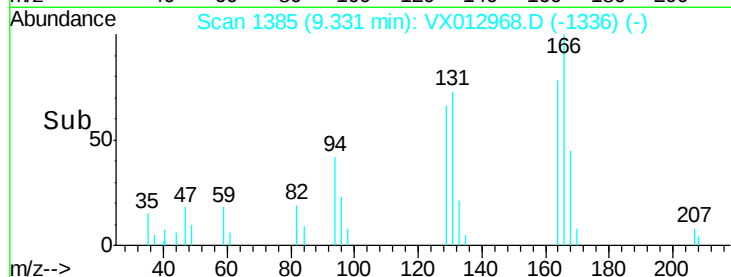
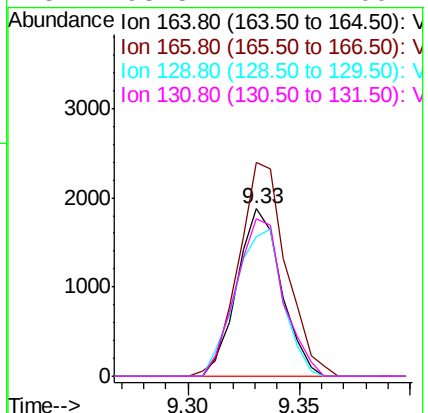
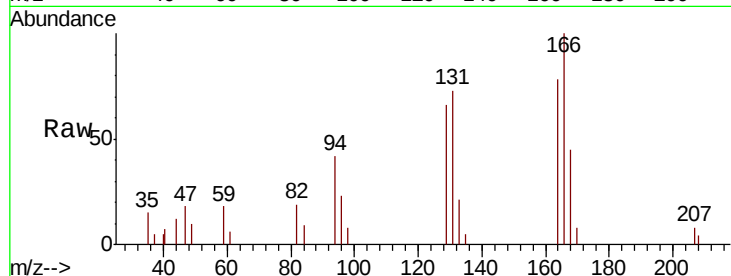




#64
Tetrachloroethene
Concen: 1.532 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012968.D
Acq: 10 Oct 2019 02:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ7208

Tot Ion:164 Resp: 2611
Ion Ratio Lower Upper
164 100
166 127.7 96.9 145.3
129 83.7 77.9 116.9
131 93.8 72.7 109.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012968.D
Acq: 10 Oct 2019 02:13

Tgt Ion:152 Resp: 90860
Ion Ratio Lower Upper
152 100
115 63.3 44.5 133.5
150 156.0 0.0 353.4

