

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012965.D
 Acq On : 10 Oct 2019 01:03
 Operator : JC/SP
 Sample : K5260-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0011-9001

Quant Time: Oct 10 07:28:30 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

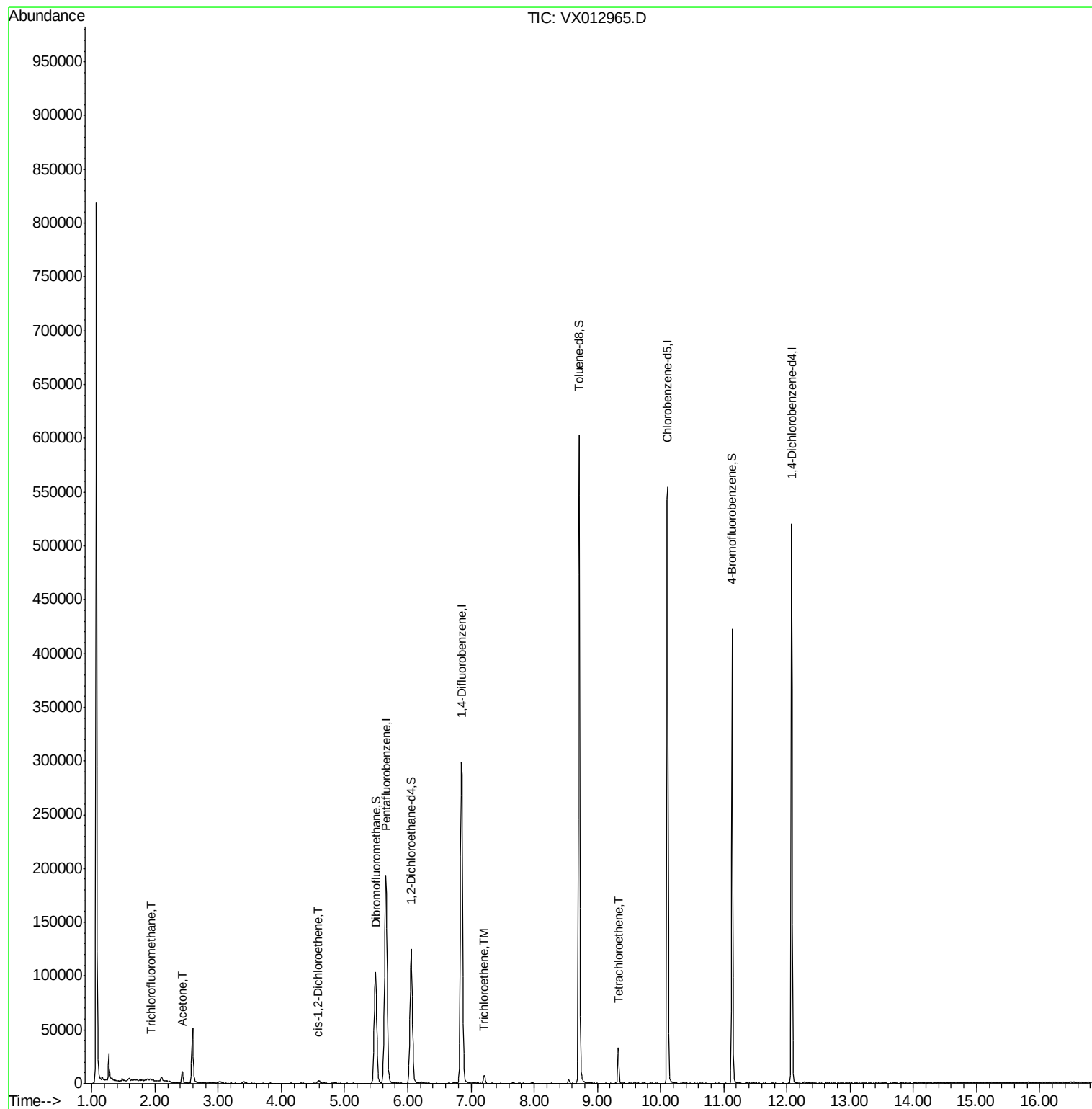
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	116048	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	5.49	113	90638	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	8.71	98	358505	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	121538	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
7) Trichlorofluoromethane	1.92	101	1018	0.361	ug/l	96
16) Acetone	2.43	43	11775	9.784	ug/l	89
27) cis-1,2-Dichloroethene	4.58	96	1405	0.616	ug/l	92
44) Trichloroethene	7.22	130	2958	1.349	ug/l	98
64) Tetrachloroethene	9.33	164	6536	3.652	ug/l	95

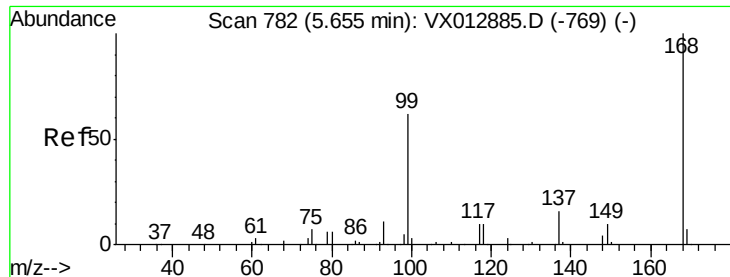
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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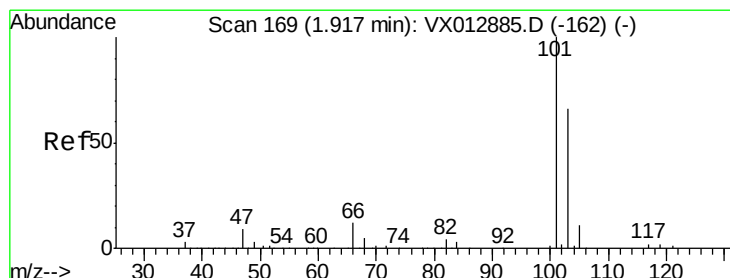
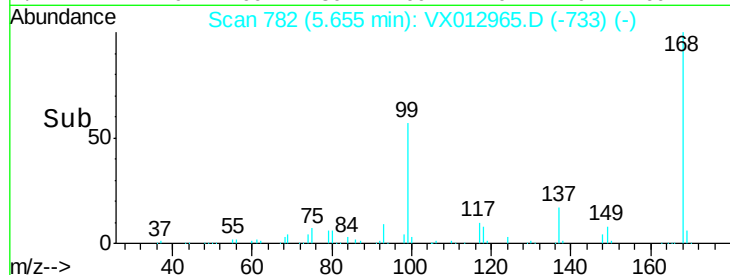
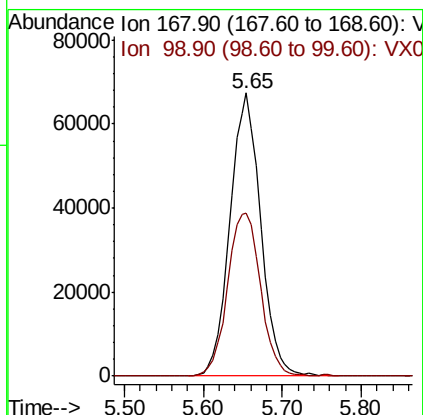
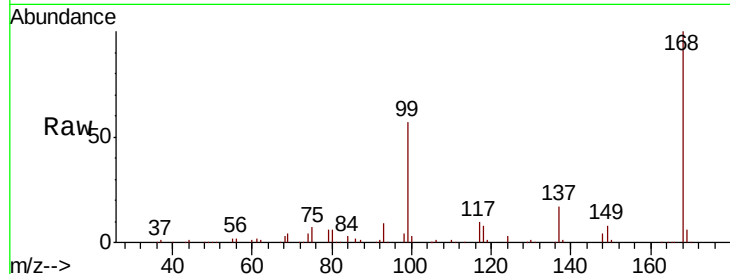




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX012965.D
Acq: 10 Oct 2019 01:03

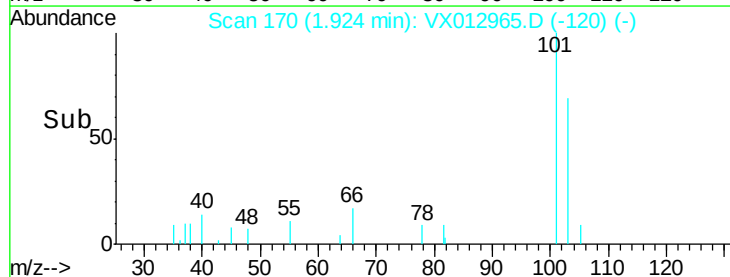
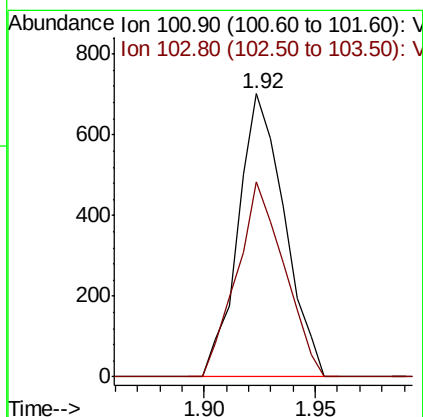
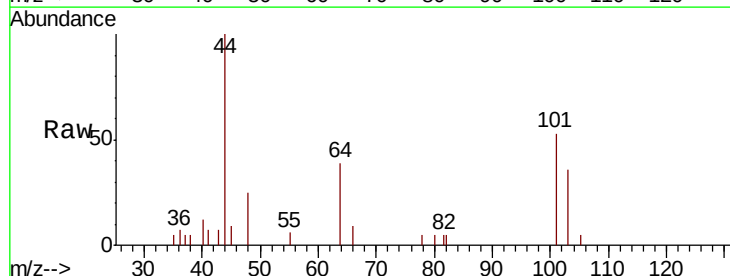
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0011-9001

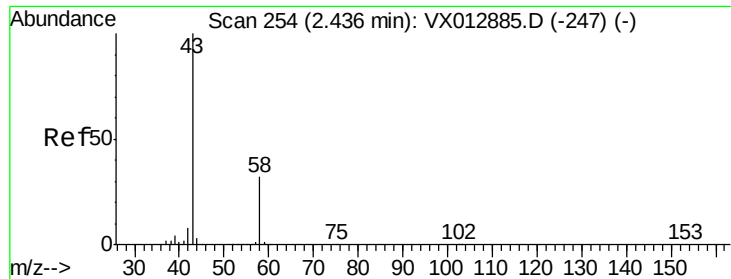
Tot Ion:168 Resp: 182683
Ion Ratio Lower Upper
168 100
99 57.4 49.4 74.0



#7
Trichlorofluoromethane
Concen: 0.361 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012965.D
Acq: 10 Oct 2019 01:03

Tgt Ion:101 Resp: 1018
Ion Ratio Lower Upper
101 100
103 68.8 52.5 78.7





#16

Acetone

Concen: 9.784 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012965.D

Acq: 10 Oct 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

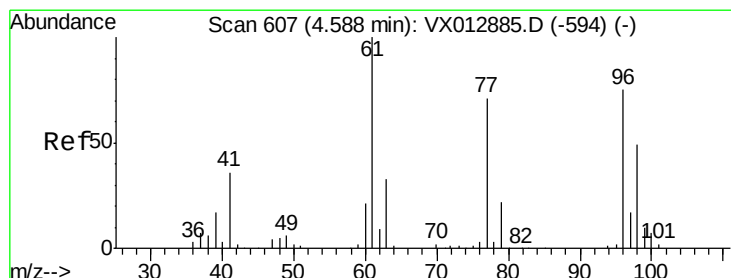
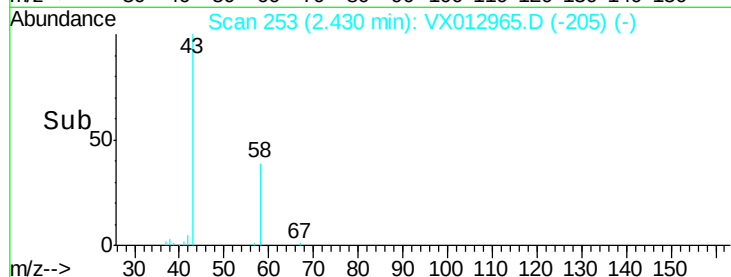
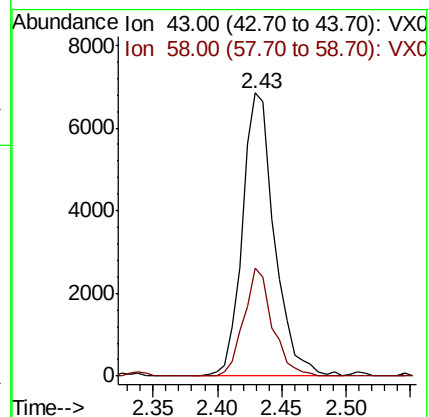
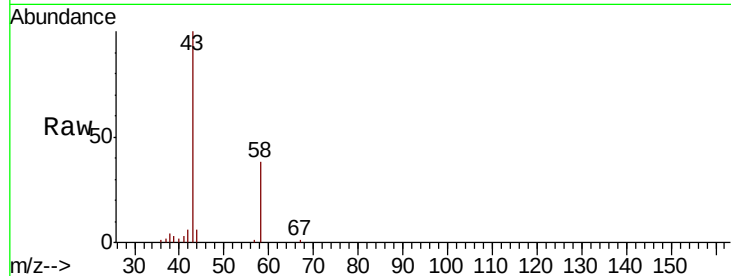
FA19-MMW0011-9001

Tot Ion: 43 Resp: 11775

Ion Ratio Lower Upper

43 100

58 38.1 25.4 38.2



#27

cis-1,2-Dichloroethene

Concen: 0.616 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX012965.D

Acq: 10 Oct 2019 01:03

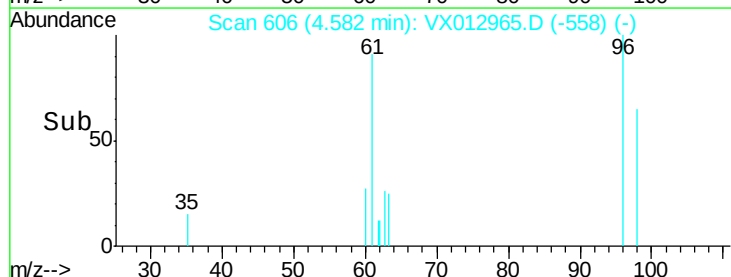
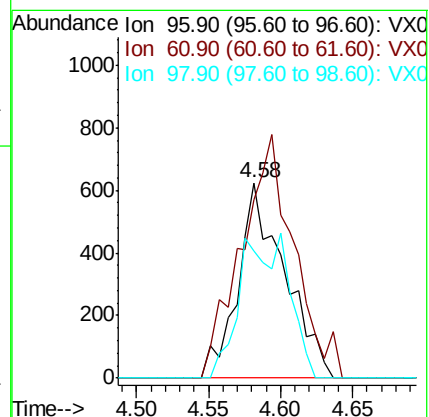
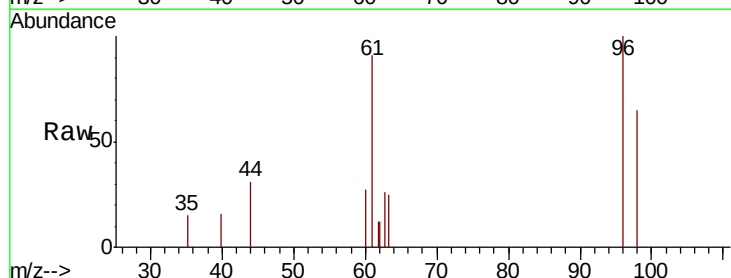
Tgt Ion: 96 Resp: 1405

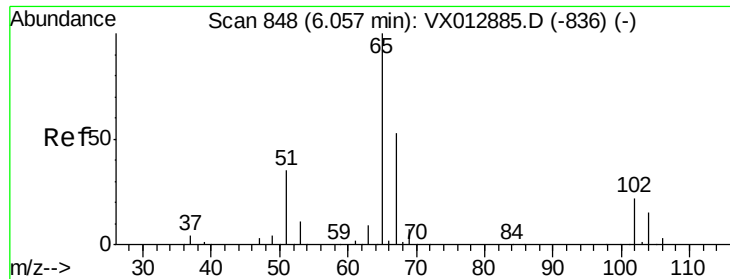
Ion Ratio Lower Upper

96 100

61 139.9 0.0 290.6

98 76.8 0.0 128.8

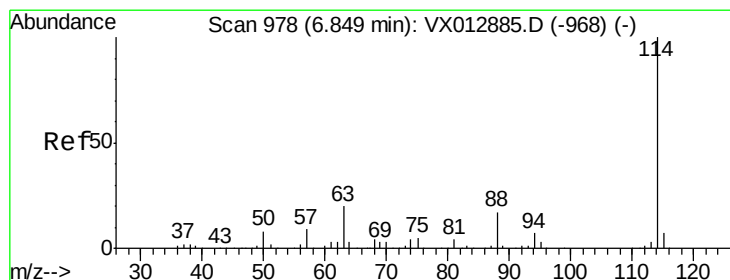
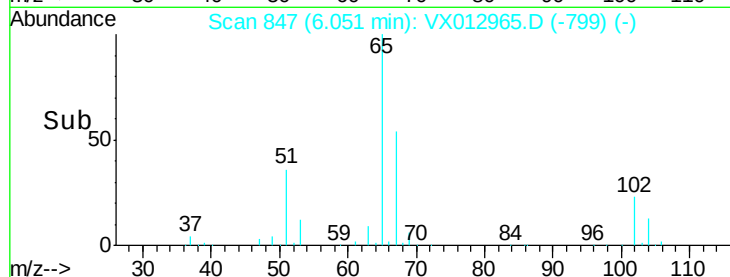
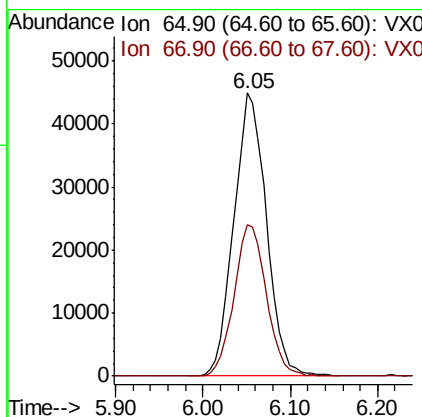
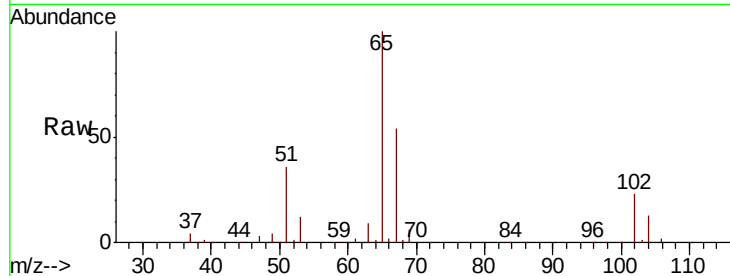




#33
 1,2-Dichloroethane-d4
 Concen: 50.825 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012965.D
 Acq: 10 Oct 2019 01:03

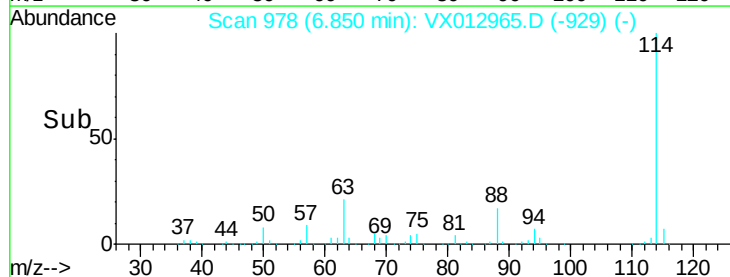
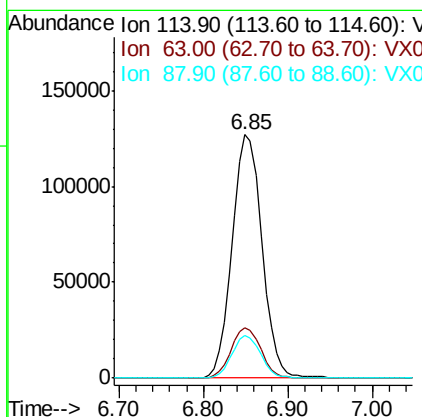
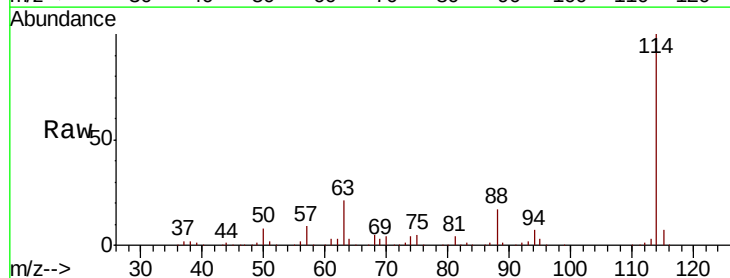
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0011-9001

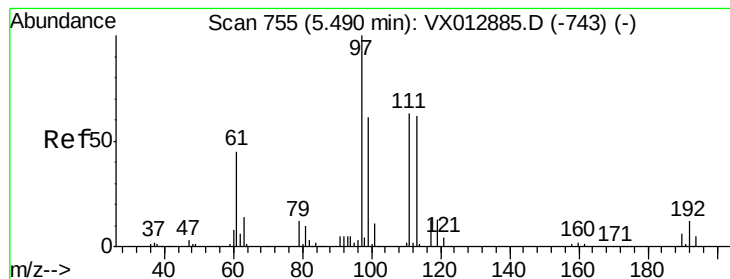
Tot Ion: 65 Resp: 116048
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012965.D
 Acq: 10 Oct 2019 01:03

Tgt Ion: 114 Resp: 304558
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.852 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012965.D

Acq: 10 Oct 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0011-9001

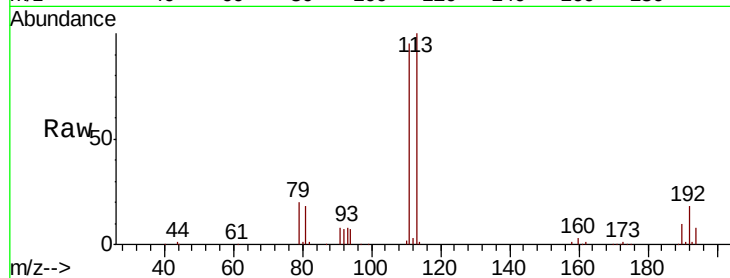
Tot Ion:113 Resp: 90638

Ion Ratio Lower Upper

113 100

111 100.5 83.2 124.8

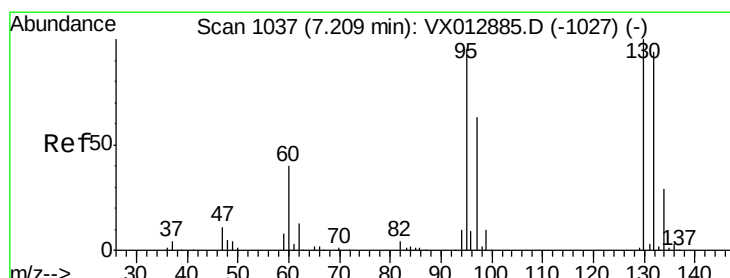
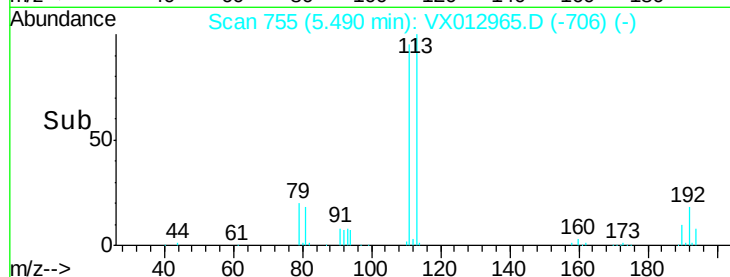
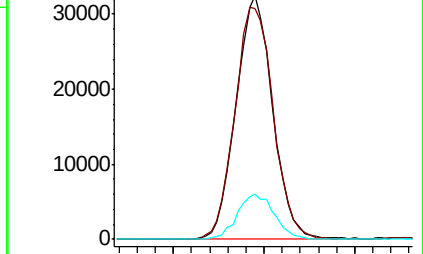
192 18.8 15.4 23.2



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



#44

Trichloroethene

Concen: 1.349 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012965.D

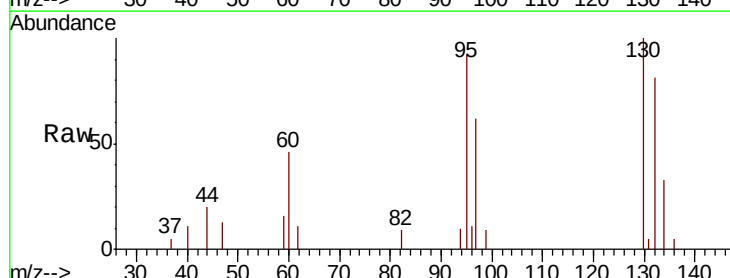
Acq: 10 Oct 2019 01:03

Tgt Ion:130 Resp: 2958

Ion Ratio Lower Upper

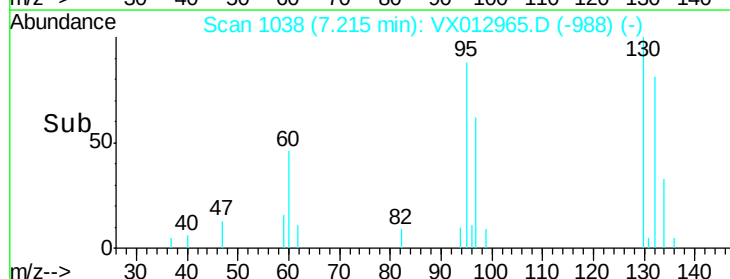
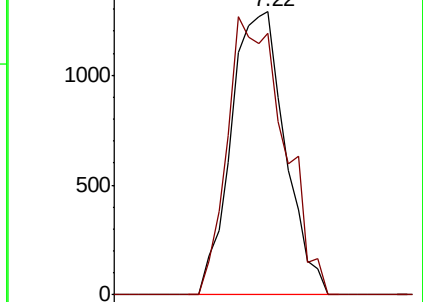
130 100

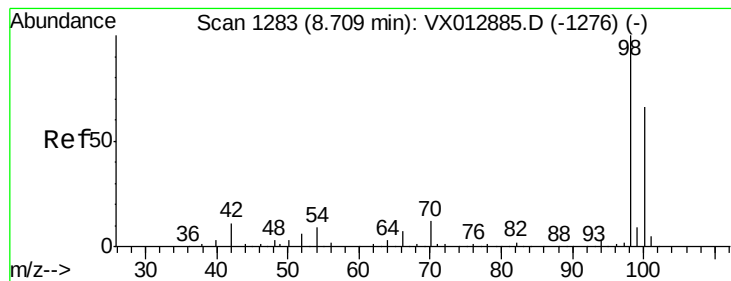
95 92.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 52.585 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012965.D

Acq: 10 Oct 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

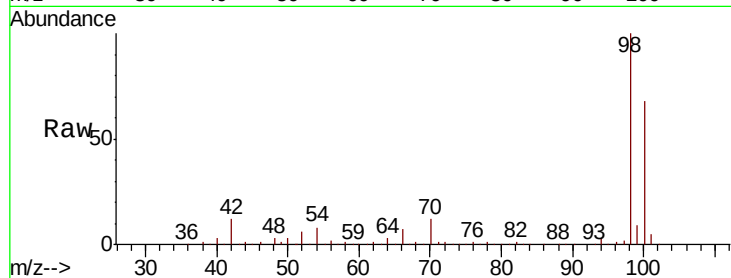
FA19-MMW0011-9001

Tot Ion: 98 Resp: 358505

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

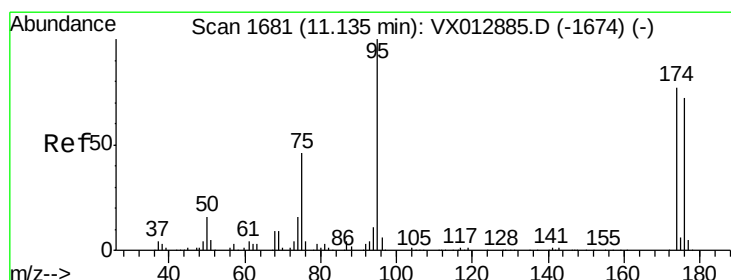
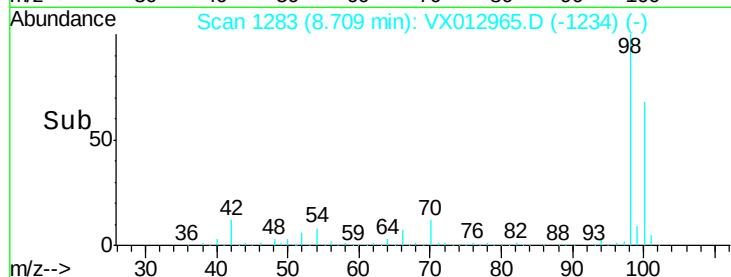
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.880 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012965.D

Acq: 10 Oct 2019 01:03

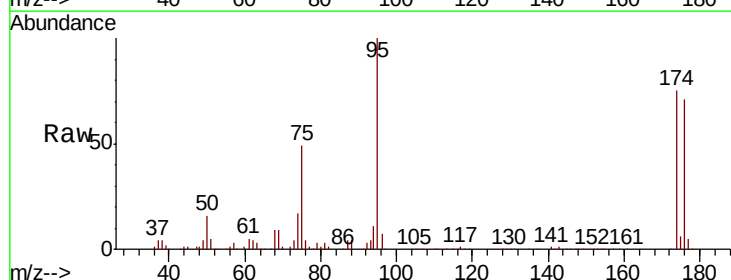
Tgt Ion: 95 Resp: 121538

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

176 67.8 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

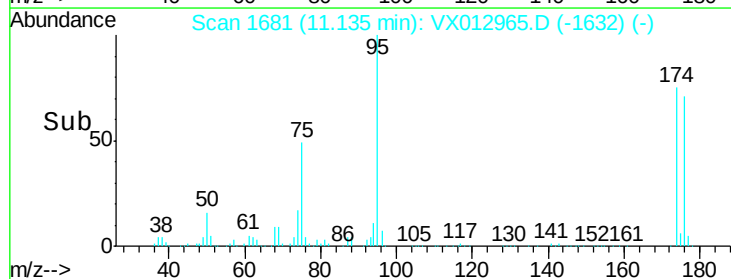
40000

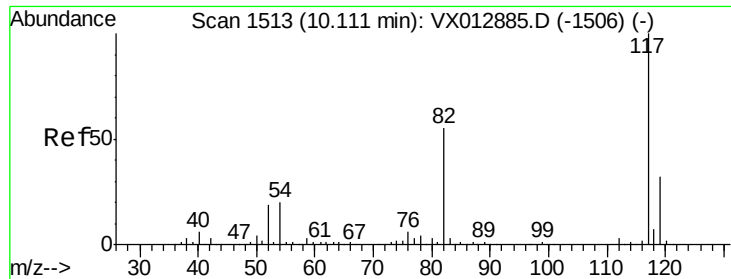
20000

0

Time-->

11.10 11.20

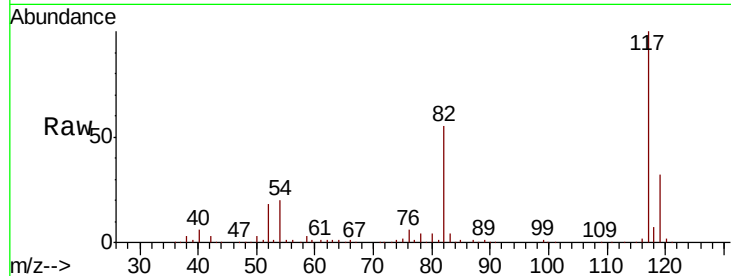




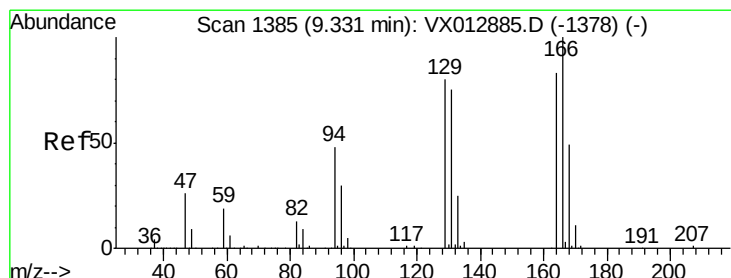
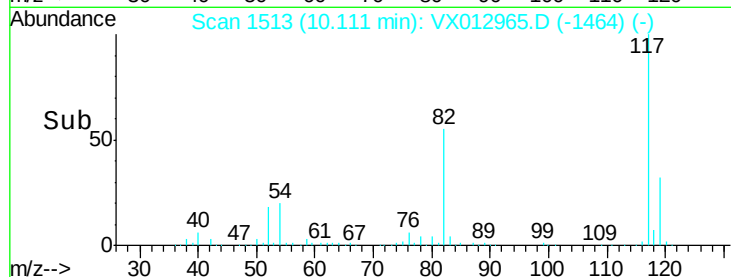
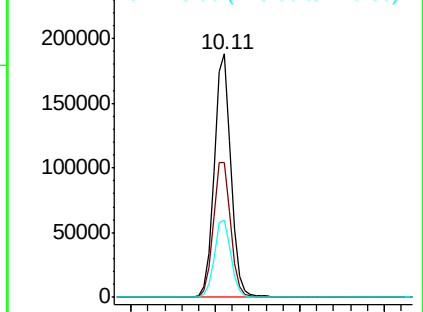
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012965.D
Acq: 10 Oct 2019 01:03

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0011-9001

Tot Ion:117 Resp: 258042
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.9 25.8 38.8

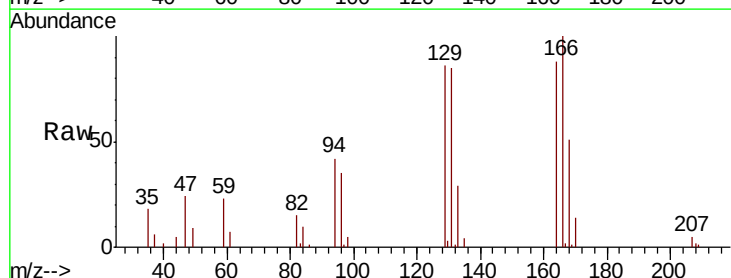


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

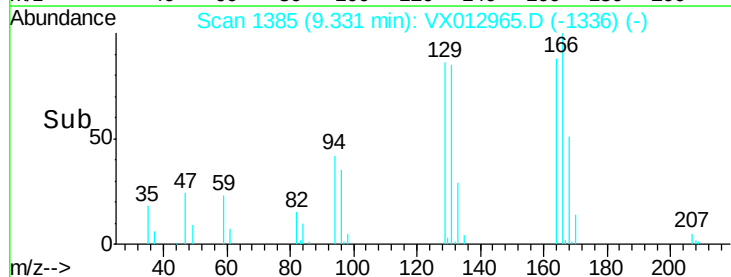
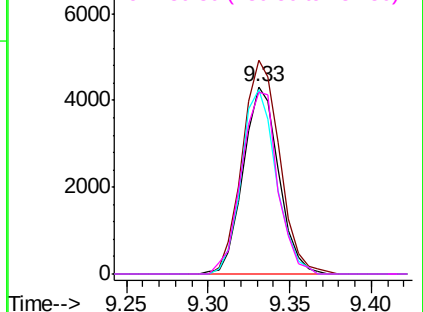


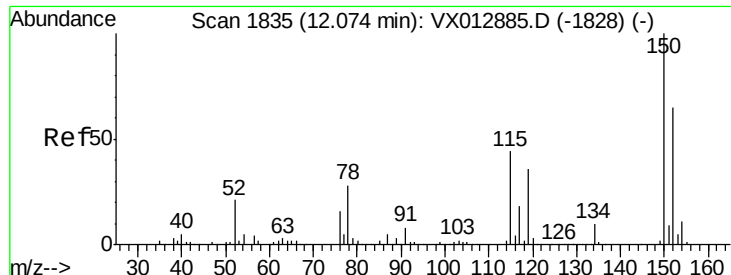
#64
Tetrachloroethene
Concen: 3.652 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012965.D
Acq: 10 Oct 2019 01:03

Tgt Ion:164 Resp: 6536
Ion Ratio Lower Upper
164 100
166 114.3 96.9 145.3
129 98.4 77.9 116.9
131 97.1 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012965.D

Acq: 10 Oct 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0011-9001

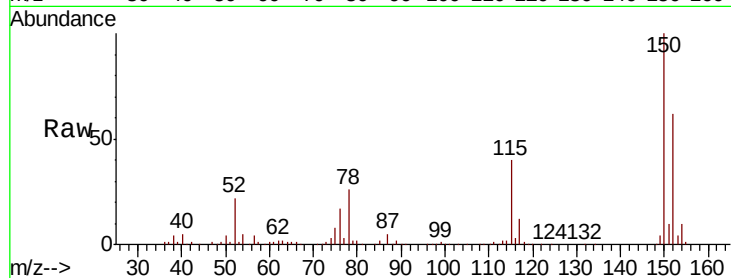
Tot Ion:152 Resp: 100911

Ion Ratio Lower Upper

152 100

115 63.7 44.5 133.5

150 158.8 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

