

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011028.D
 Acq On : 22 Jul 2019 14:16
 Operator : JC/SP
 Sample : K3892-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-1

Quant Time: Jul 23 05:36:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

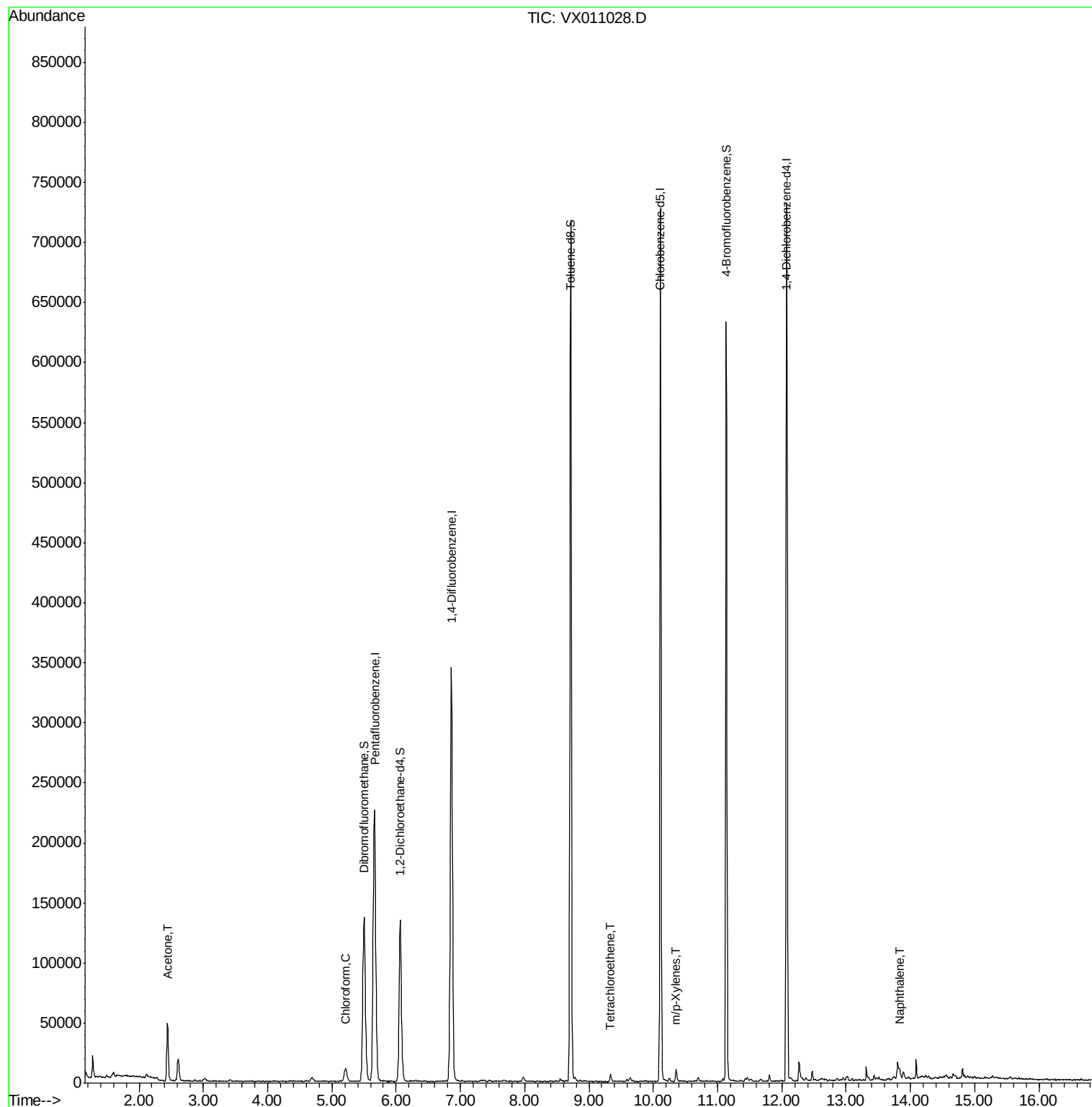
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	160147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125945	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	5.50	113	113488	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	433721	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	157374	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
16) Acetone	2.44	43	49770	44.829	ug/l	96
30) Chloroform	5.21	83	11917	3.011	ug/l	96
64) Tetrachloroethene	9.34	164	1134	0.425	ug/l	94
68) m/p-Xylenes	10.35	106	1979	0.435	ug/l	90
95) Naphthalene	13.83	128	3050	0.297	ug/l #	94

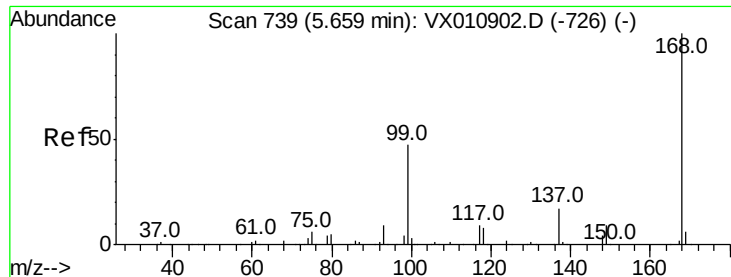
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011028.D

Acq: 22 Jul 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

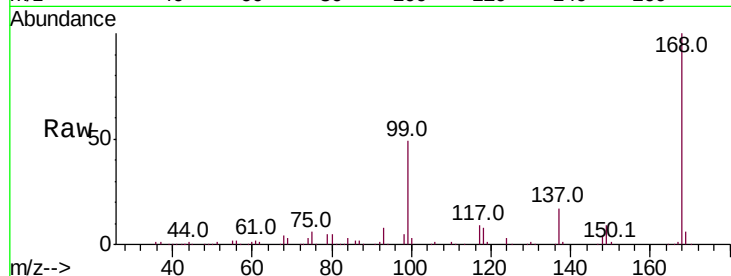
T-1

Tot Ion:168 Resp: 231064

Ion Ratio Lower Upper

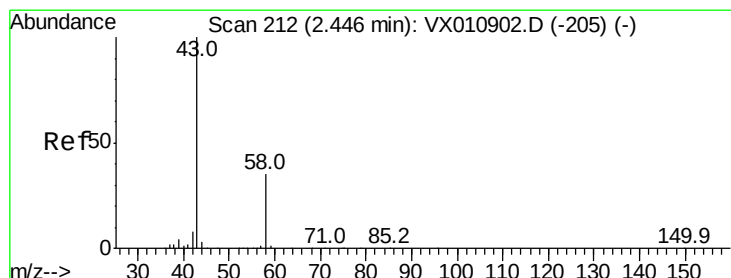
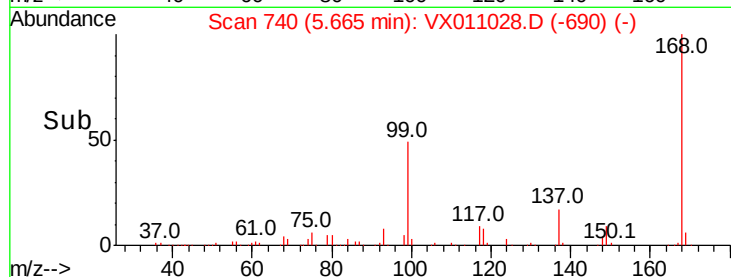
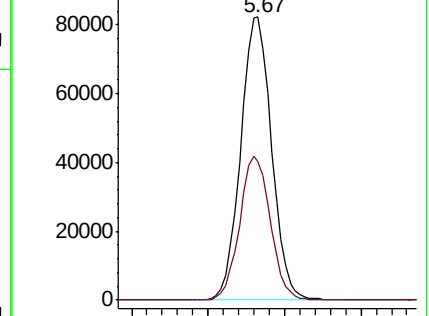
168 100

99 49.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 44.829 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011028.D

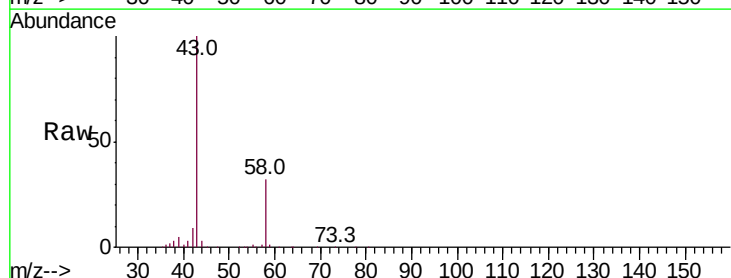
Acq: 22 Jul 2019 14:16

Tgt Ion: 43 Resp: 49770

Ion Ratio Lower Upper

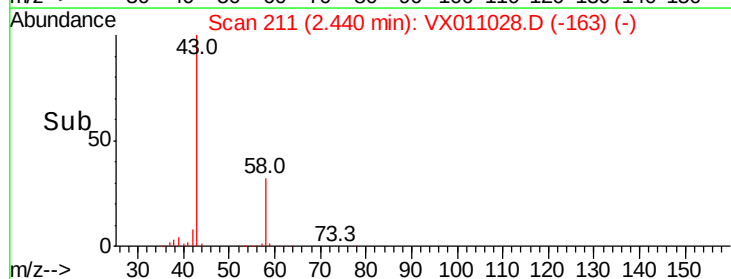
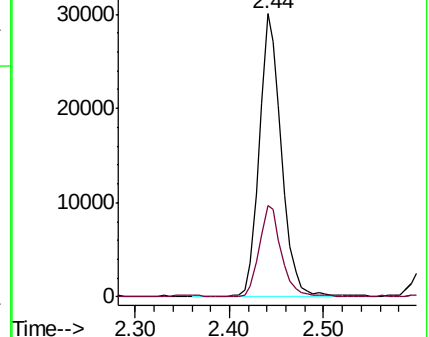
43 100

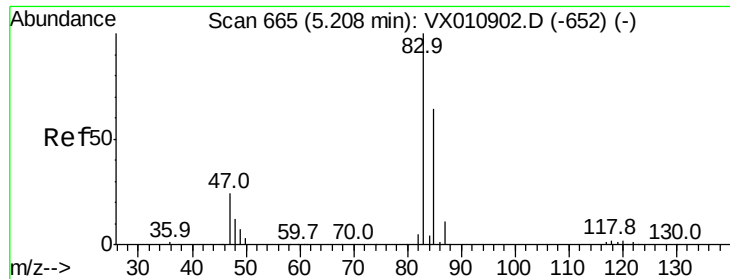
58 32.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

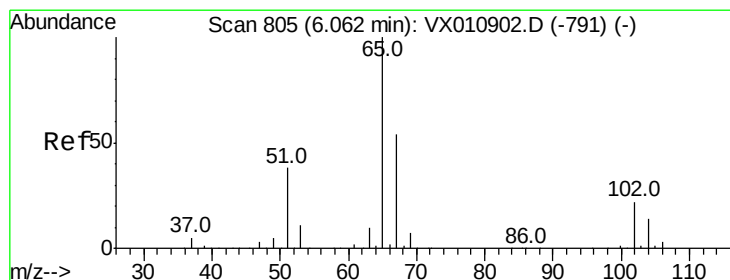
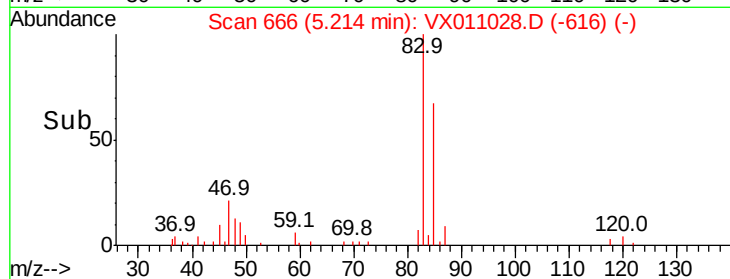
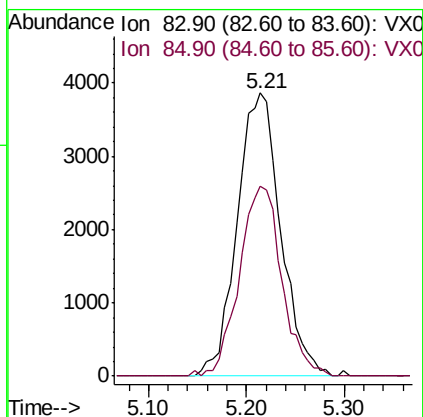
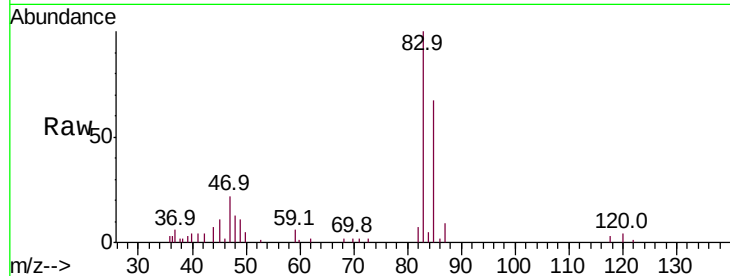




#30
Chloroform
Concen: 3.011 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

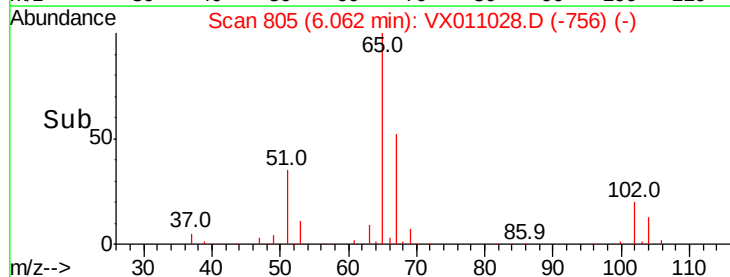
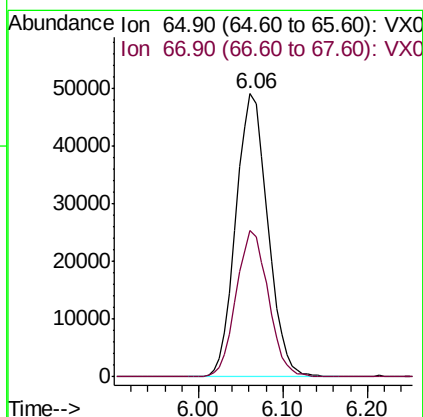
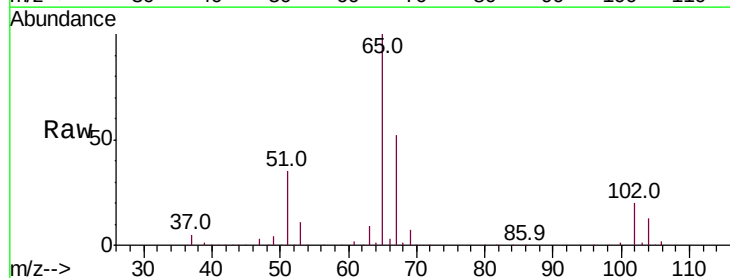
Instrument :
MSVOA_X
ClientSampled :
T-1

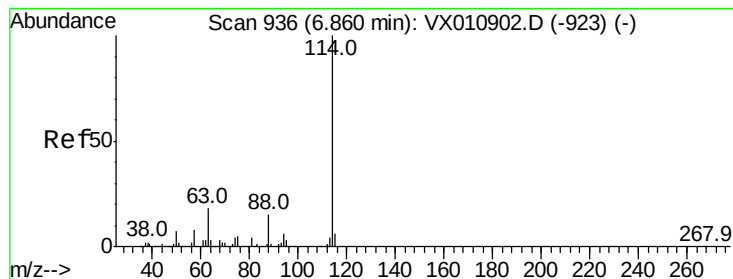
Tot Ion: 83 Resp: 11917
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 51.235 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

Tgt Ion: 65 Resp: 125945
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011028.D

Acq: 22 Jul 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

T-1

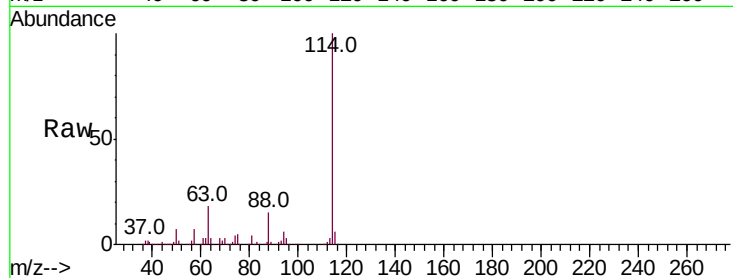
Tot Ion:114 Resp: 360676

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

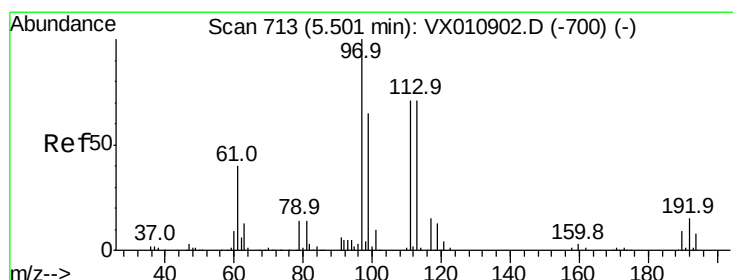
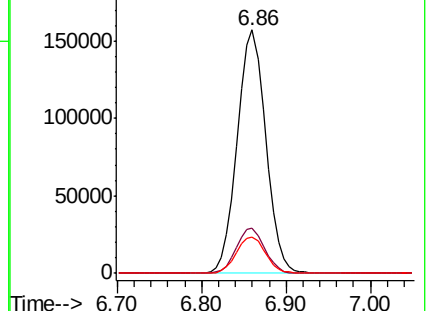
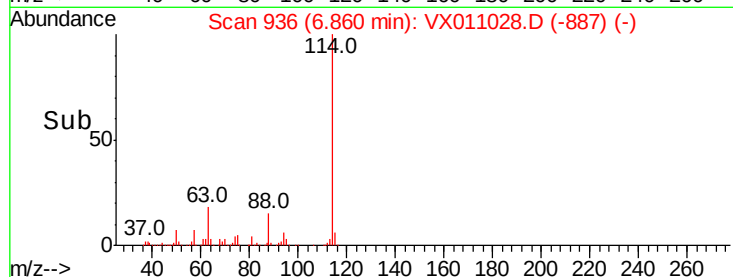
88 14.9 0.0 29.8



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: 49.574 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011028.D

Acq: 22 Jul 2019 14:16

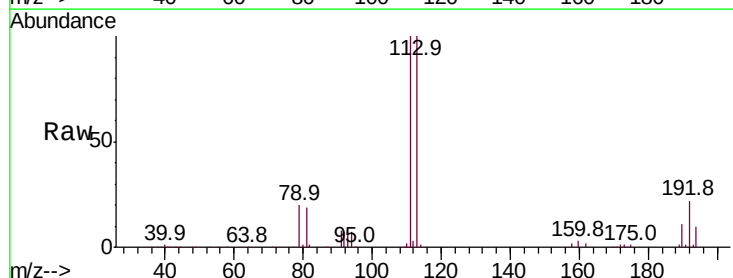
Tgt Ion:113 Resp: 113488

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

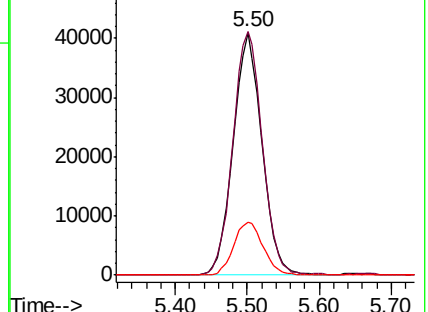
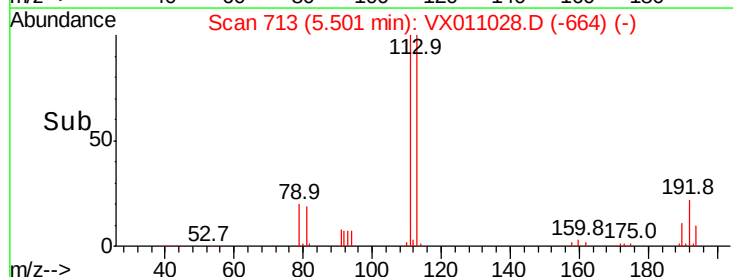
192 22.3 17.4 26.2

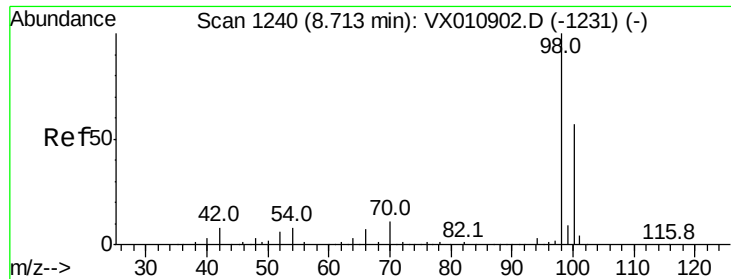


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

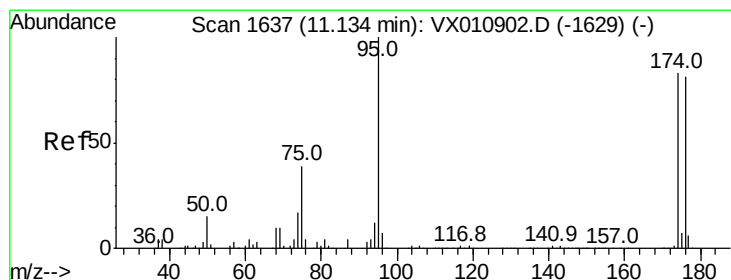
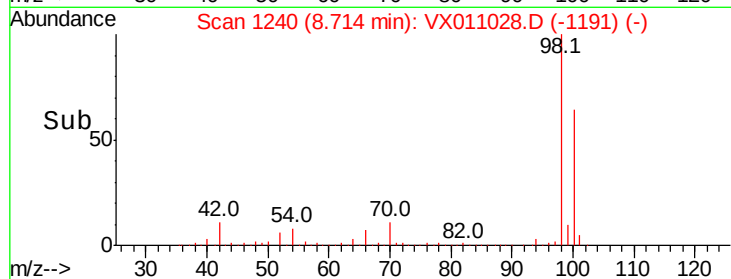
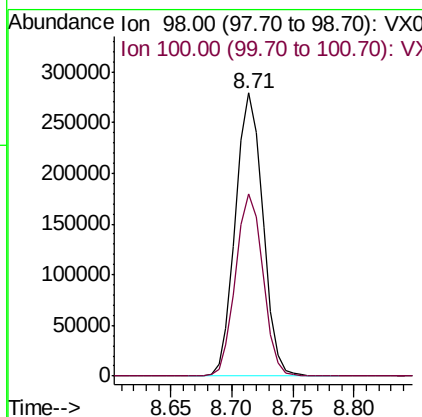
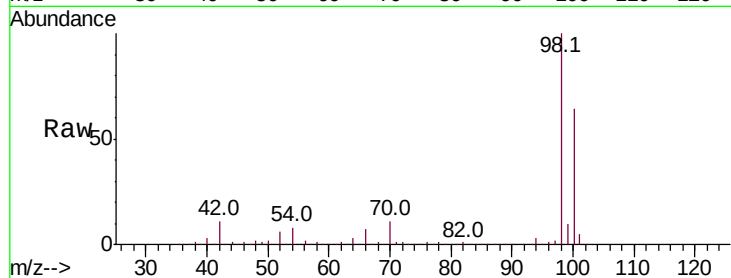




#50
Toluene-d8
Concen: 50.513 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

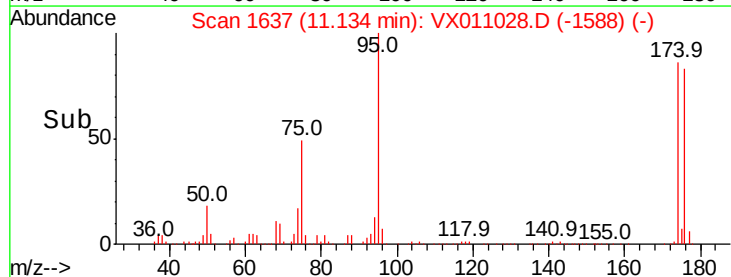
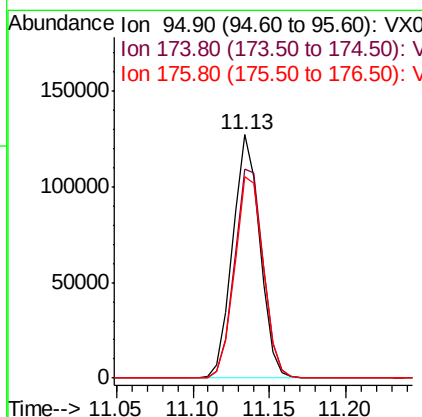
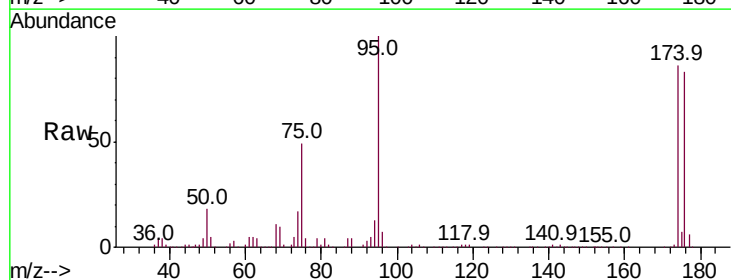
Instrument :
MSVOA_X
ClientSampleId :
T-1

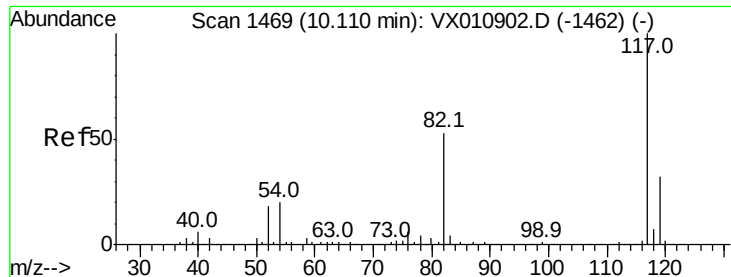
Tot Ion: 98 Resp: 433721
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 49.864 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

Tgt Ion: 95 Resp: 157374
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.6
176 87.2 0.0 173.8

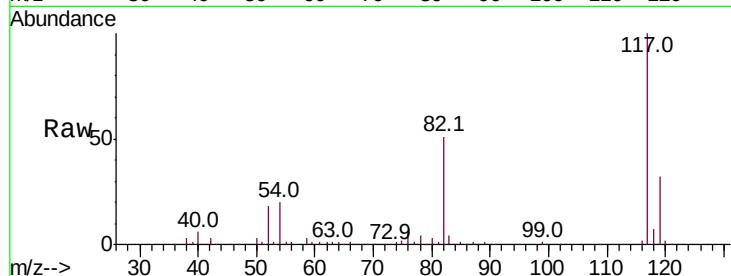




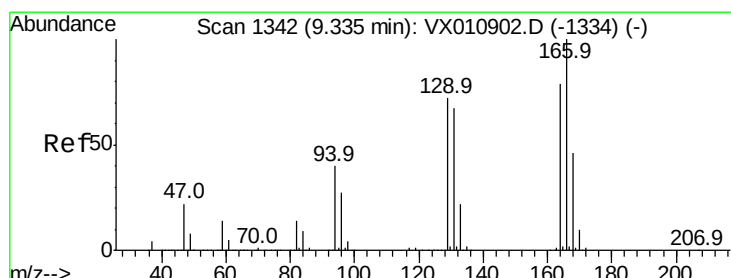
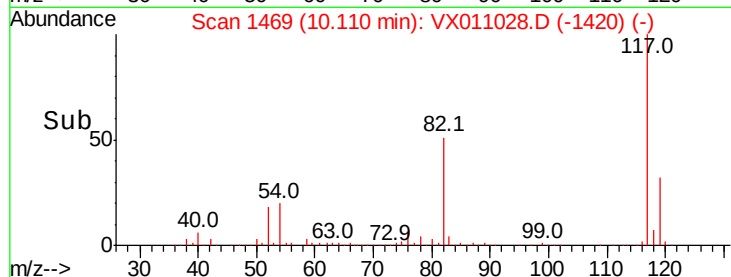
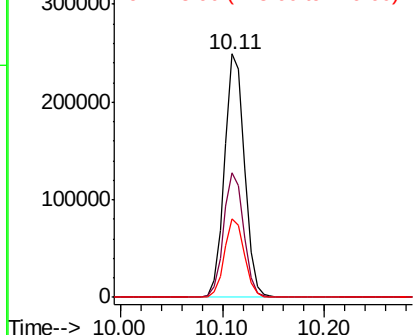
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

Instrument :
MSVOA_X
ClientSampled :
T-1

Tot Ion:117 Resp: 339038
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 32.4 25.9 38.9

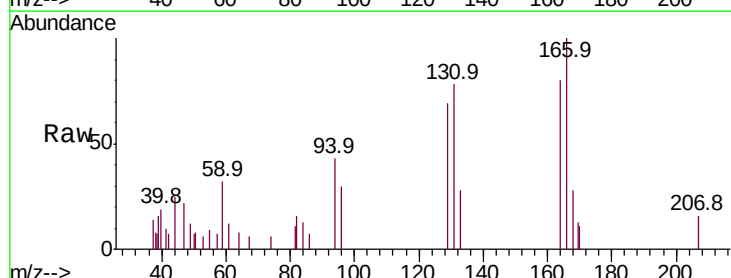


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

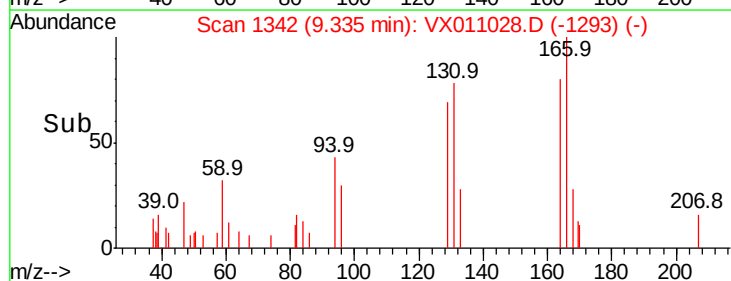
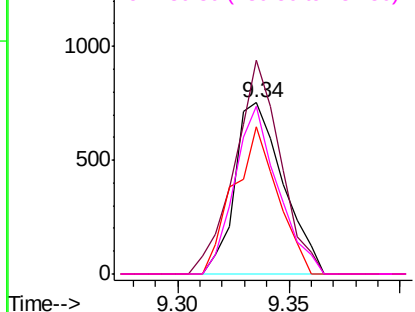


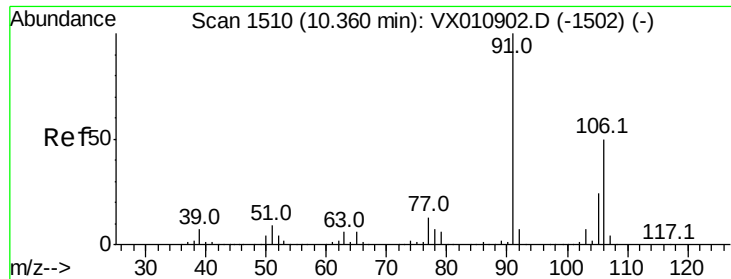
#64
Tetrachloroethene
Concen: 0.425 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

Tgt Ion:164 Resp: 1134
Ion Ratio Lower Upper
164 100
166 124.6 100.8 151.2
129 85.8 72.6 109.0
131 97.6 67.7 101.5



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

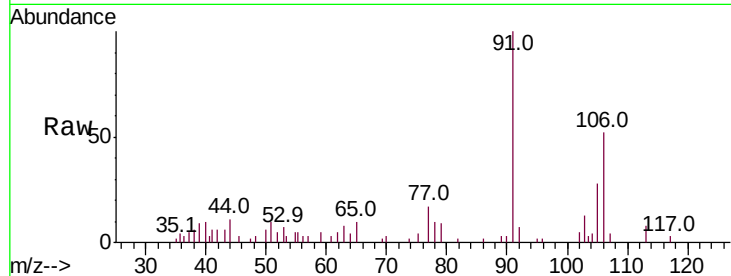




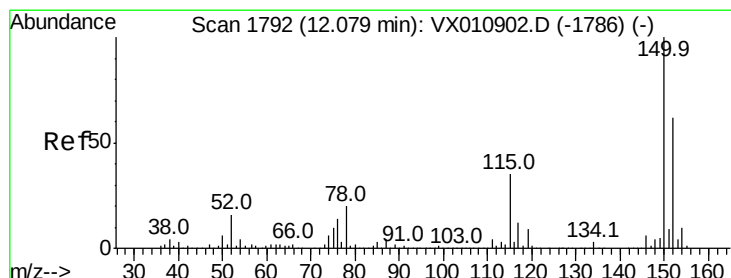
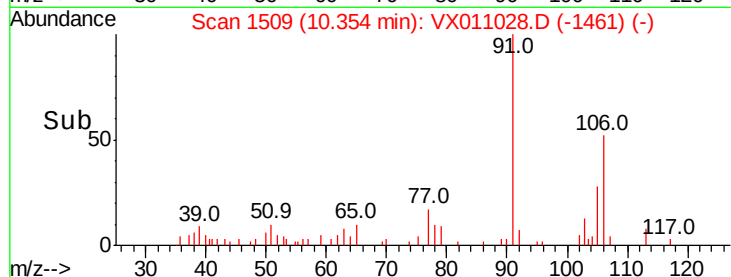
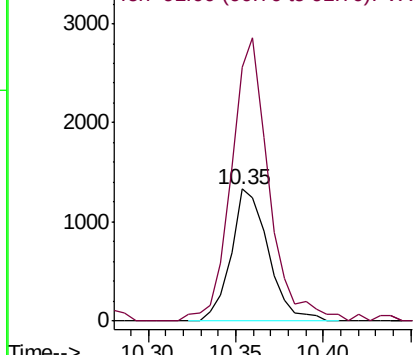
#68
m/p-Xvlenes
Concen: 0.435 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:106 Resp: 1979
Ion Ratio Lower Upper
106 100
91 215.9 160.1 240.1

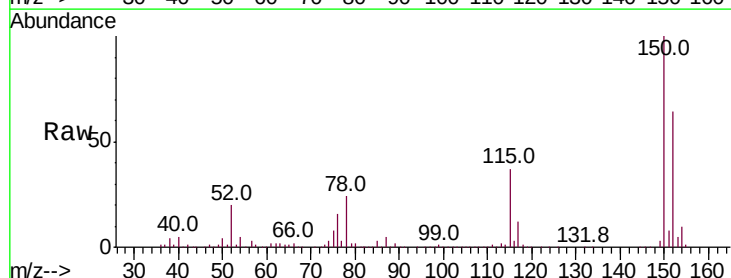


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

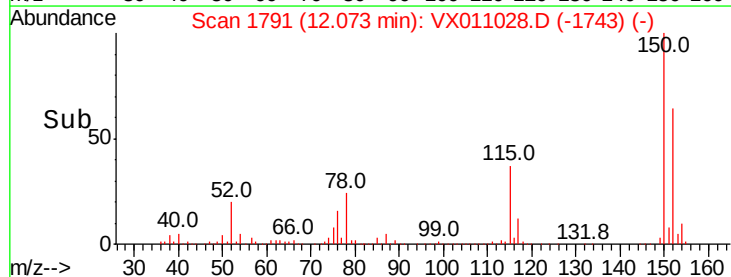
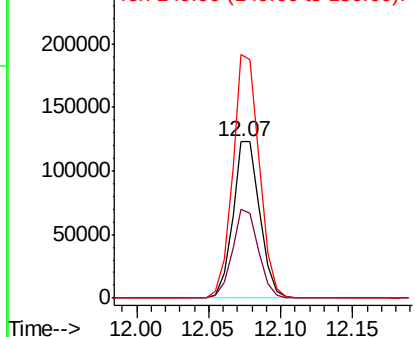


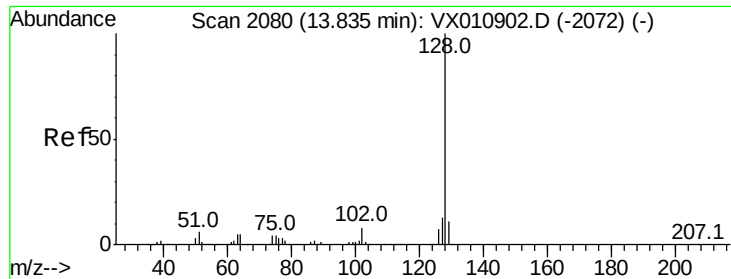
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011028.D
Acq: 22 Jul 2019 14:16

Tgt Ion:152 Resp: 160147
Ion Ratio Lower Upper
152 100
115 55.5 39.7 119.1
150 154.3 0.0 345.6



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





#95
 Naphthalene
 Concen: 0.297 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX011028.D
 Acq: 22 Jul 2019 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 T-1

Tot Ion:128 Resp: 3050
 Ion Ratio Lower Upper
 128 100
 127 15.7 10.4 15.6#
 129 13.0 8.9 13.3

