

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005955.D
 Acq On : 13 Nov 2018 18:07
 Operator : JC/MD
 Sample : J5908-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SR-7-S

Quant Time: Nov 14 04:26:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

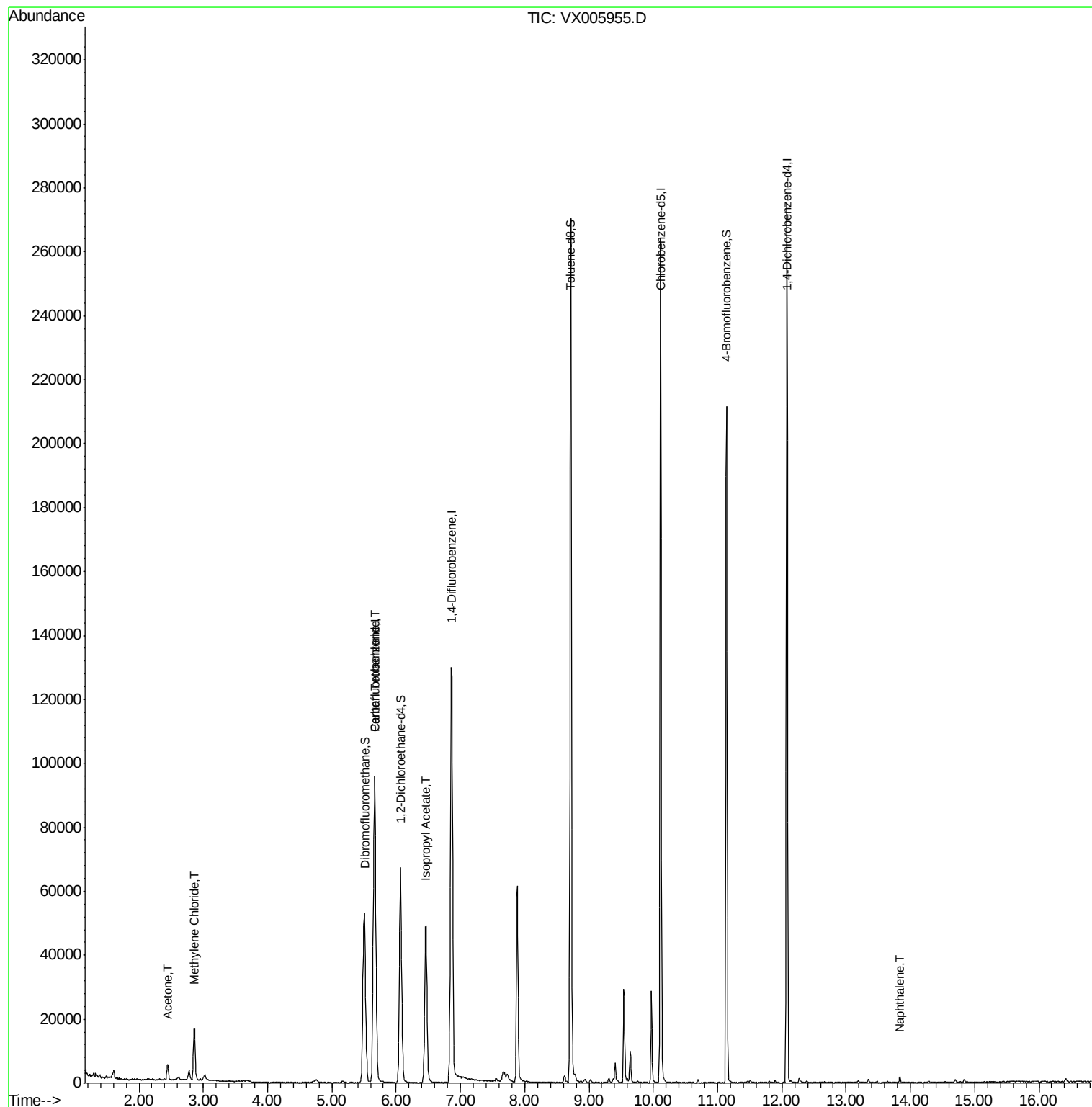
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	94515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	131269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	121649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	56637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	63085	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.12%	
35) Dibromofluoromethane	5.50	113	45489	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	8.71	98	161192	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	11.14	95	52839	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	5417	9.259	ug/l	96
20) Methylene Chloride	2.85	84	7166	7.457	ug/l	93
38) Carbon Tetrachloride	5.66	117	8842	6.979	ug/l #	18
43) Isopropyl Acetate	6.46	43	64084	26.576	ug/l	98
95) Naphthalene	13.83	128	1276	1.483	ug/l	96

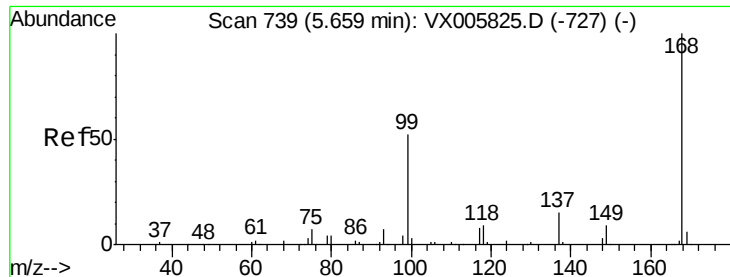
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
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: VX005955.D

Acq: 13 Nov 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

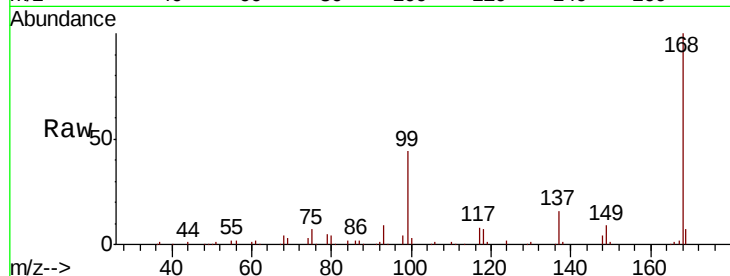
SR-7-S

Tot Ion:168 Resp: 94515

Ion Ratio Lower Upper

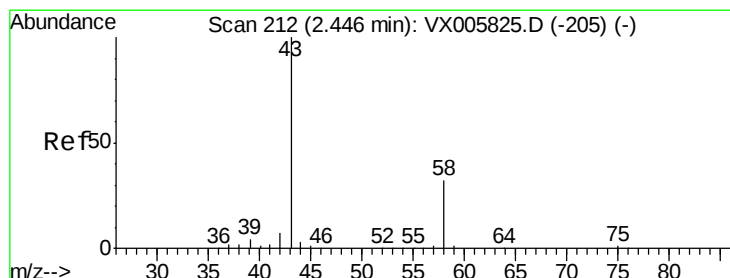
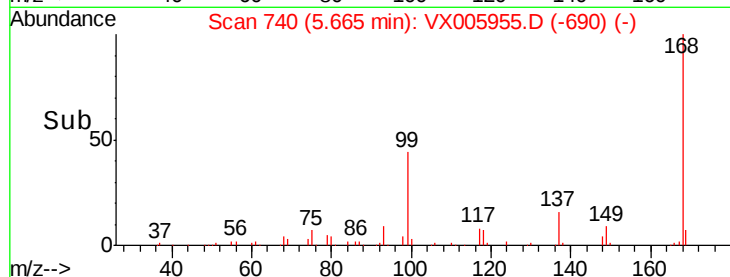
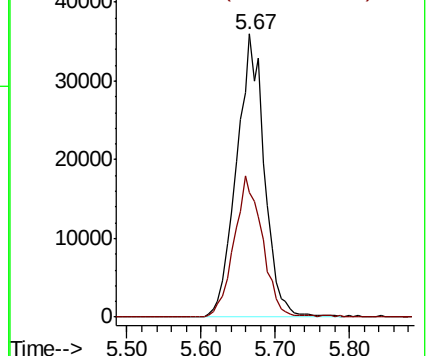
168 100

99 44.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.259 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005955.D

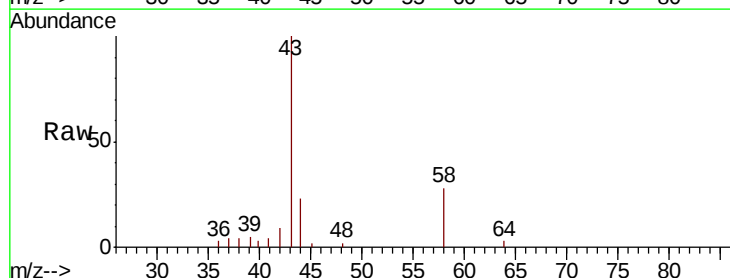
Acq: 13 Nov 2018 18:07

Tgt Ion: 43 Resp: 5417

Ion Ratio Lower Upper

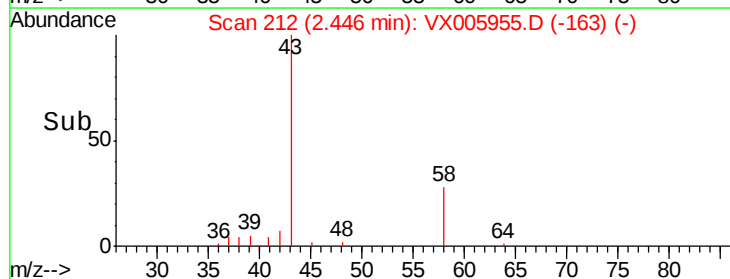
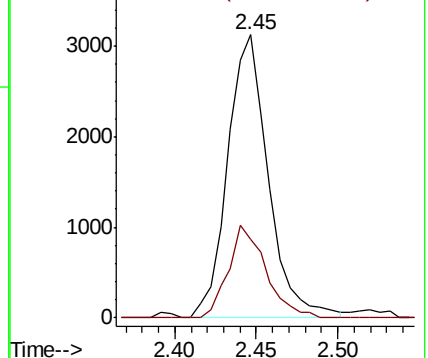
43 100

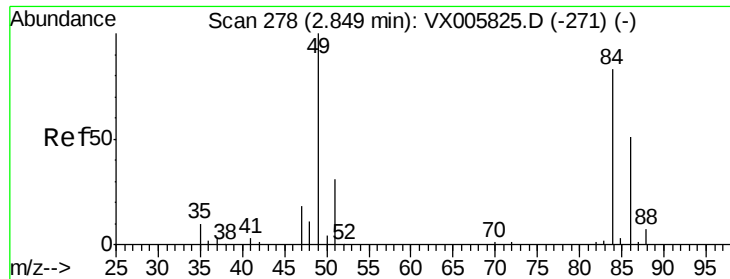
58 27.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

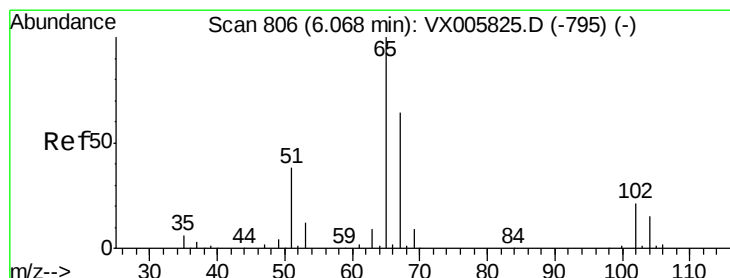
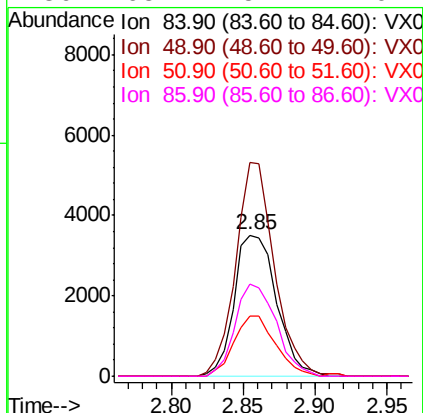
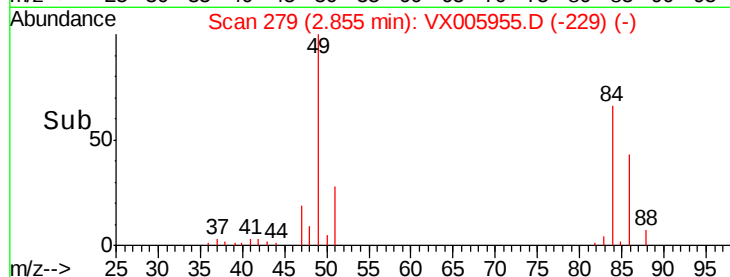
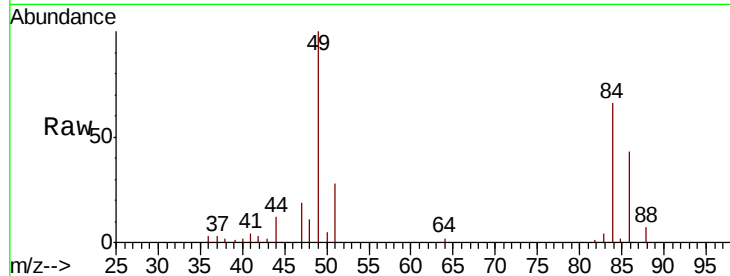




#20
Methvlene Chloride
Concen: 7.457 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005955.D
Acq: 13 Nov 2018 18:07

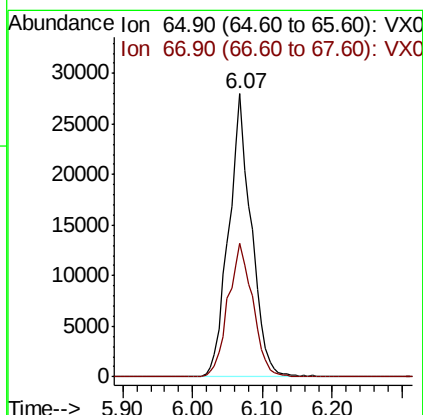
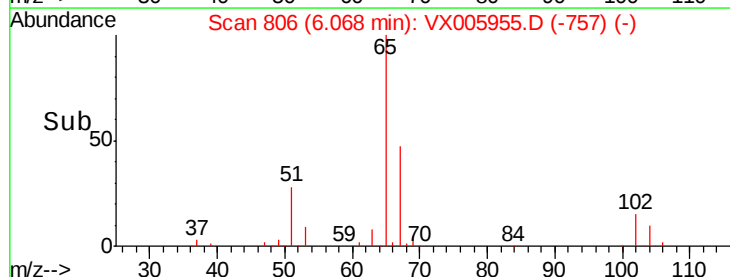
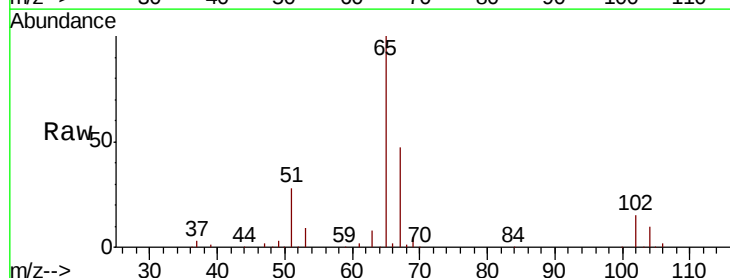
Instrument :
MSVOA_X
ClientSampleId :
SR-7-S

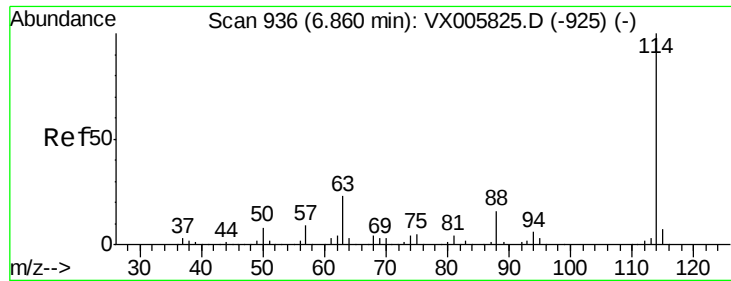
Tot Ion: 84 Resp: 7166
Ion Ratio Lower Upper
84 100
49 151.7 109.5 164.3
51 42.3 33.3 49.9
86 65.7 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 58.059 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005955.D
Acq: 13 Nov 2018 18:07

Tgt Ion: 65 Resp: 63085
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0

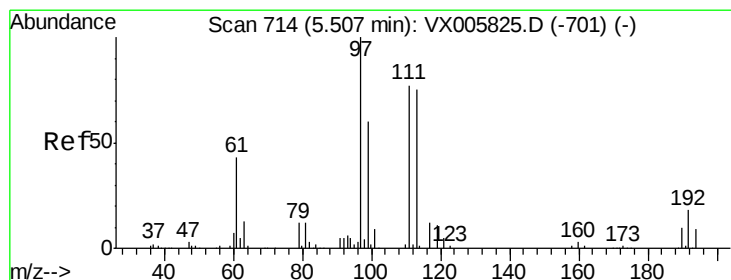
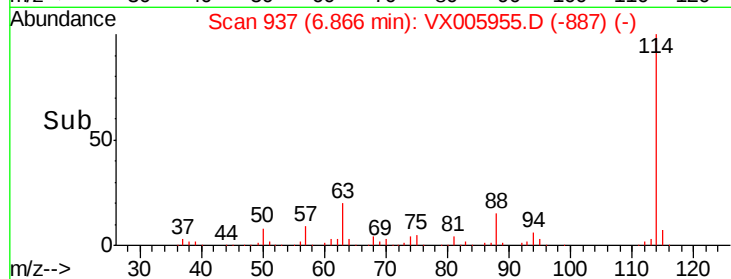
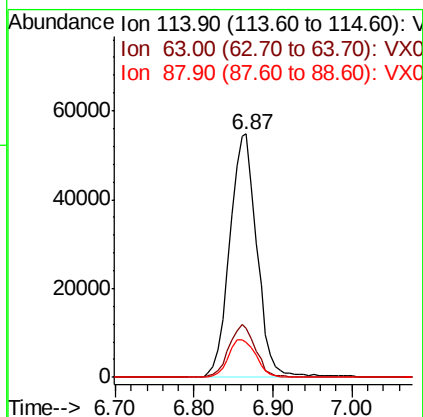
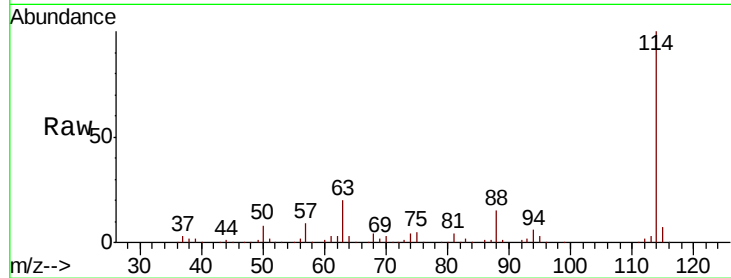




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005955.D
Acq: 13 Nov 2018 18:07

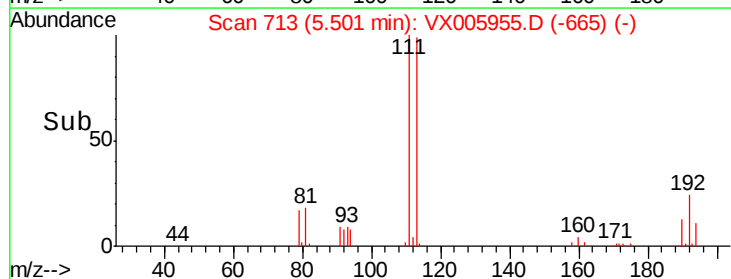
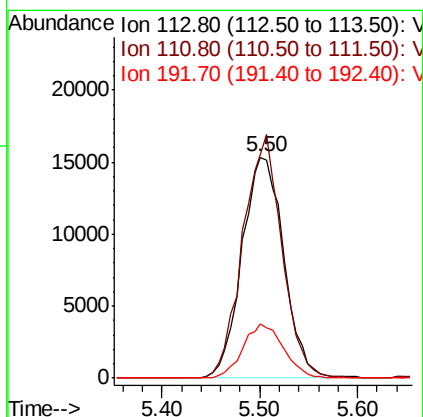
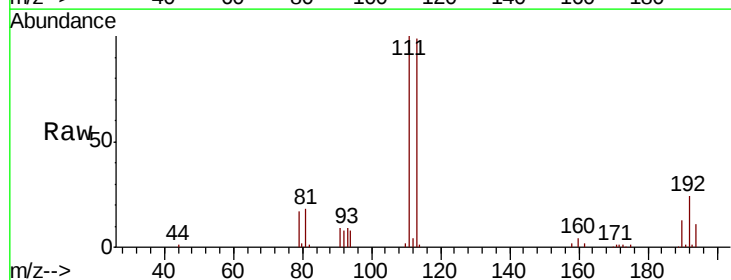
Instrument :
MSVOA_X
ClientSampleId :
SR-7-S

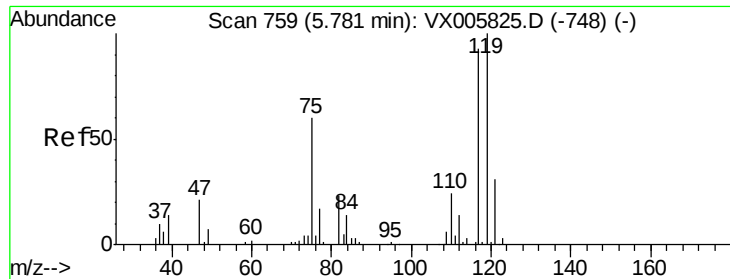
Tot Ion:114 Resp: 131269
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 14.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.949 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005955.D
Acq: 13 Nov 2018 18:07

Tgt Ion:113 Resp: 45489
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 23.7 17.9 26.9





#38

Carbon Tetrachloride

Concen: 6.979 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005955.D

Acq: 13 Nov 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

SR-7-S

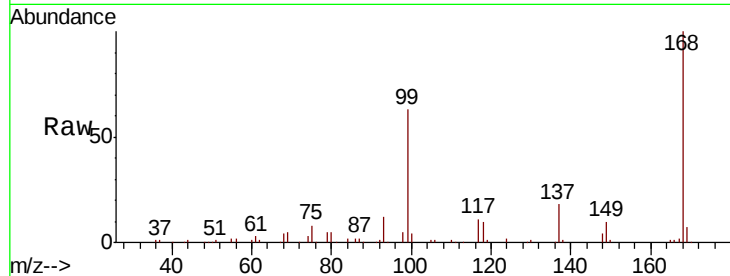
Tot Ion:117 Resp: 8842

Ion Ratio Lower Upper

117 100

119 8.4 78.1 117.1#

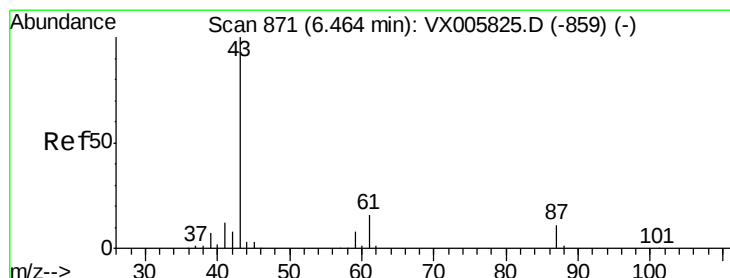
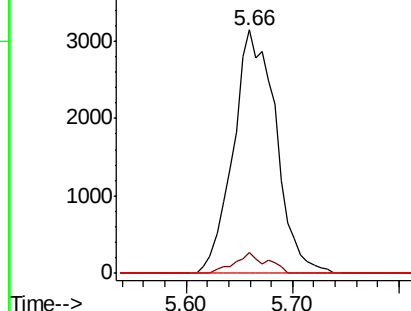
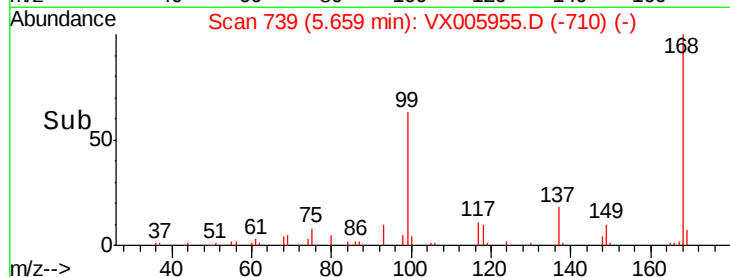
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 26.576 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005955.D

Acq: 13 Nov 2018 18:07

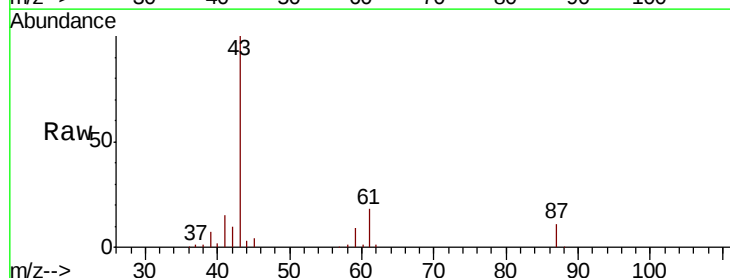
Tgt Ion: 43 Resp: 64084

Ion Ratio Lower Upper

43 100

61 19.4 14.6 22.0

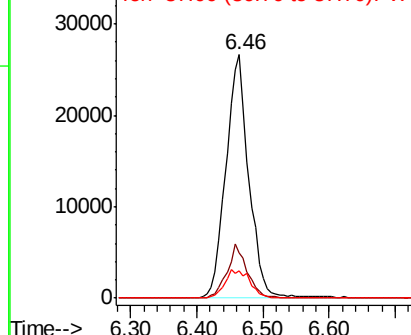
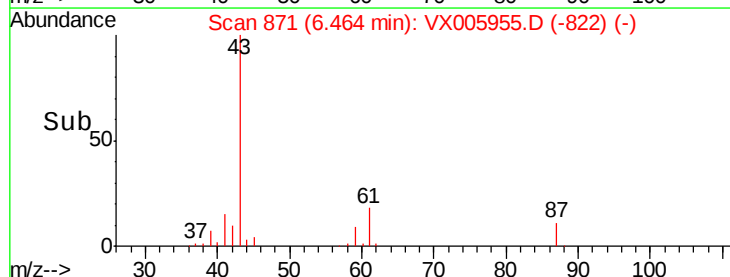
87 12.4 9.6 14.4

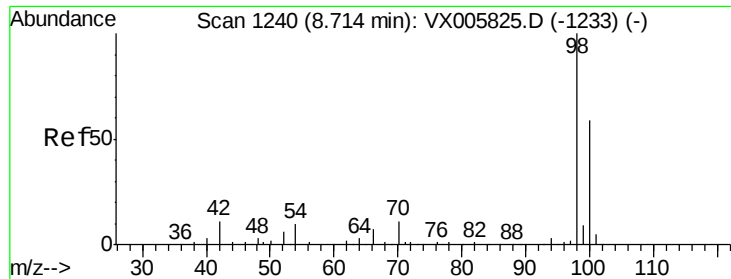


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 54.305 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005955.D

Acq: 13 Nov 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

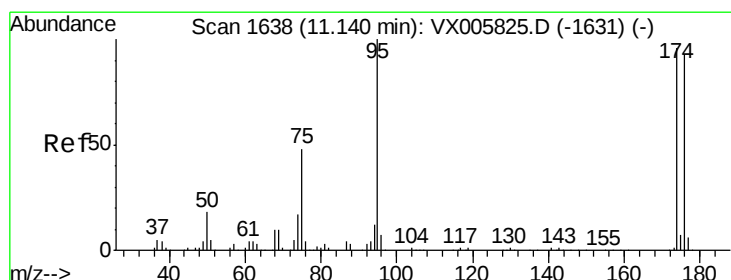
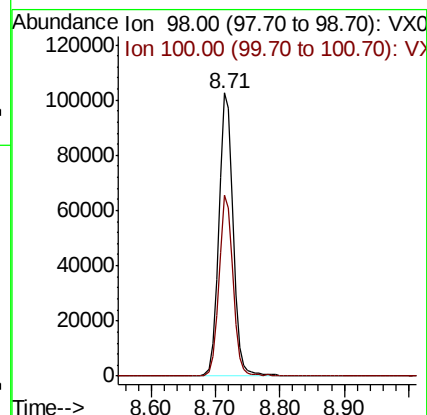
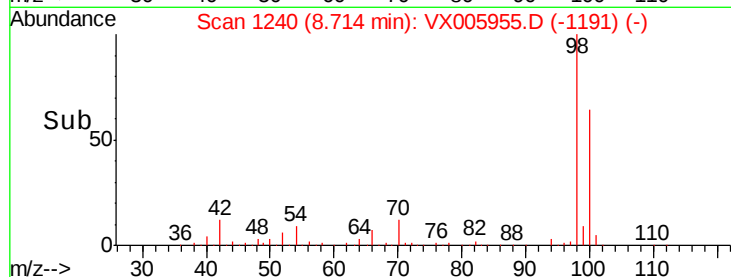
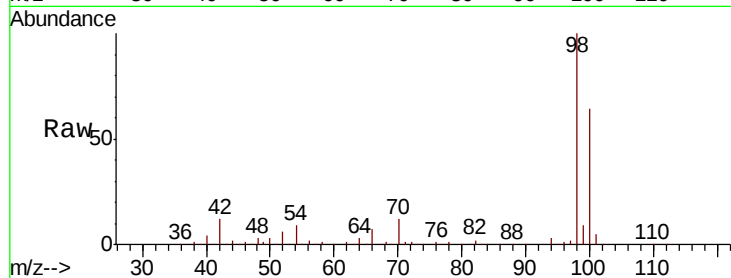
SR-7-S

Tot Ion: 98 Resp: 161192

Ion Ratio Lower Upper

98 100

100 62.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 49.512 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005955.D

Acq: 13 Nov 2018 18:07

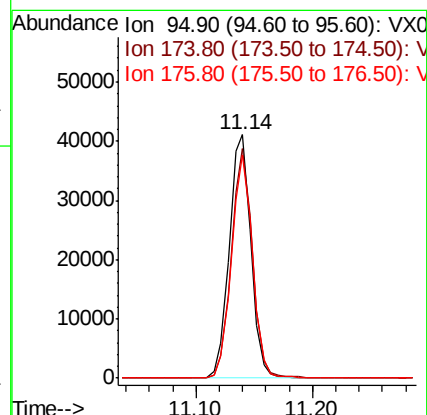
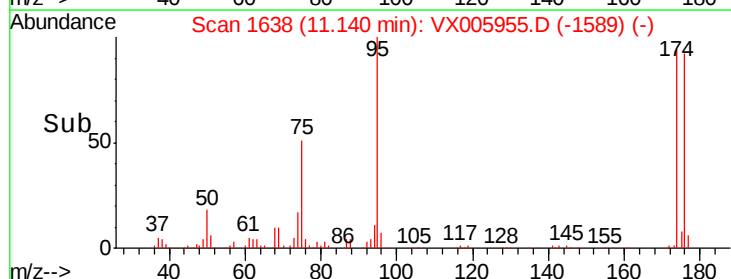
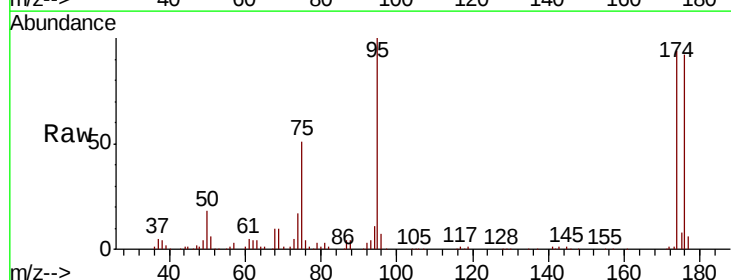
Tgt Ion: 95 Resp: 52839

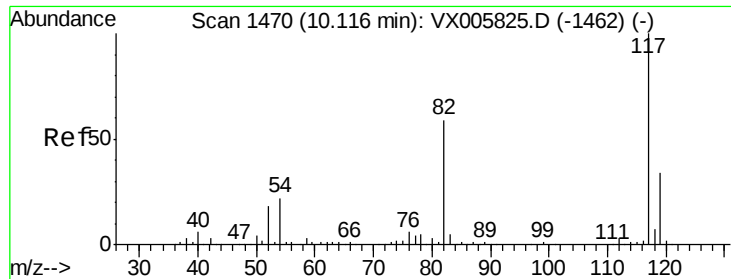
Ion Ratio Lower Upper

95 100

174 91.8 0.0 184.4

176 89.4 0.0 177.4

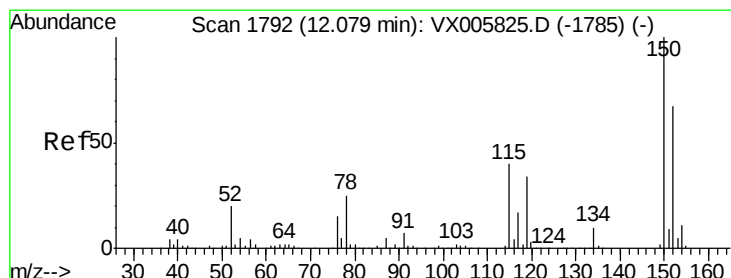
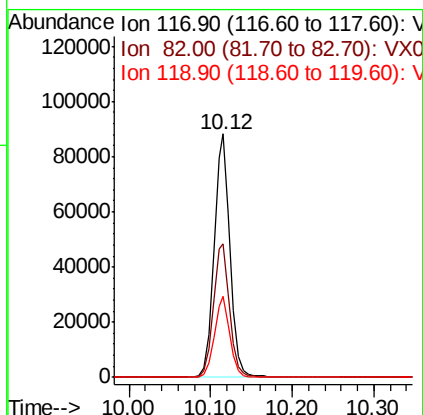
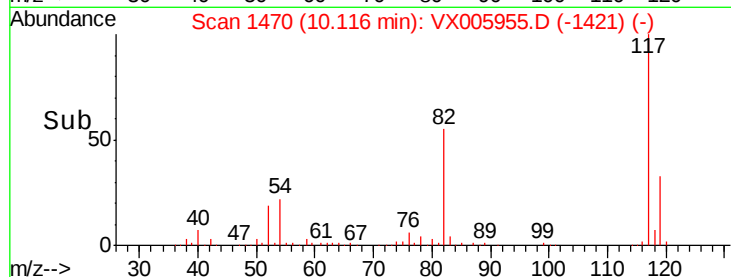
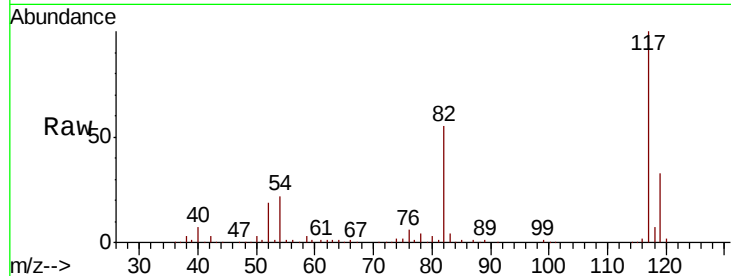




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005955.D
Acq: 13 Nov 2018 18:07

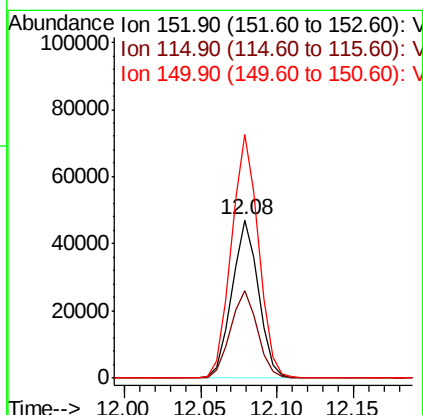
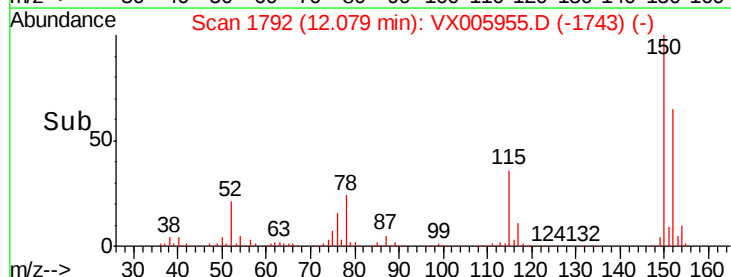
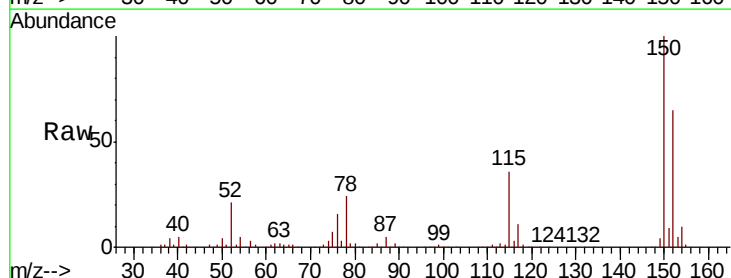
Instrument :
MSVOA_X
ClientSampled :
SR-7-S

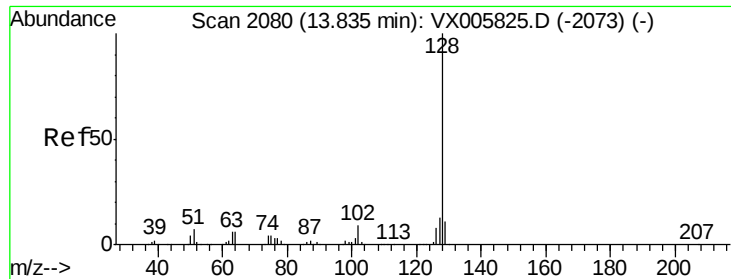
Tot Ion:117 Resp: 121649
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005955.D
Acq: 13 Nov 2018 18:07

Tgt Ion:152 Resp: 56637
Ion Ratio Lower Upper
152 100
115 56.1 39.4 118.1
150 156.4 0.0 346.4





#95

Naphthalene

Concen: 1.483 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005955.D

Acq: 13 Nov 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

SR-7-S

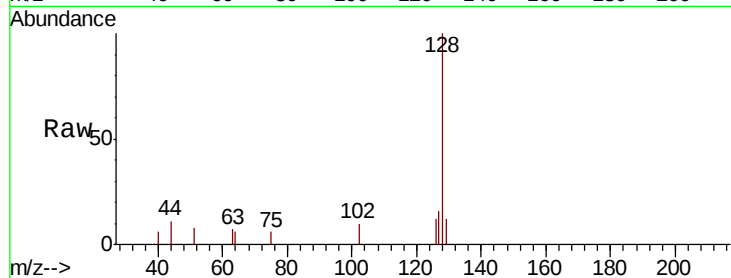
Tot Ion:128 Resp: 1276

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 9.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

