

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003785.D
 Acq On : 01 Aug 2018 07:40
 Operator : JC/SP
 Sample : J4143-10
 Misc : 11.24G/5.0mL/MSVOA X/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3(9-11)

Quant Time: Aug 01 08:38:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

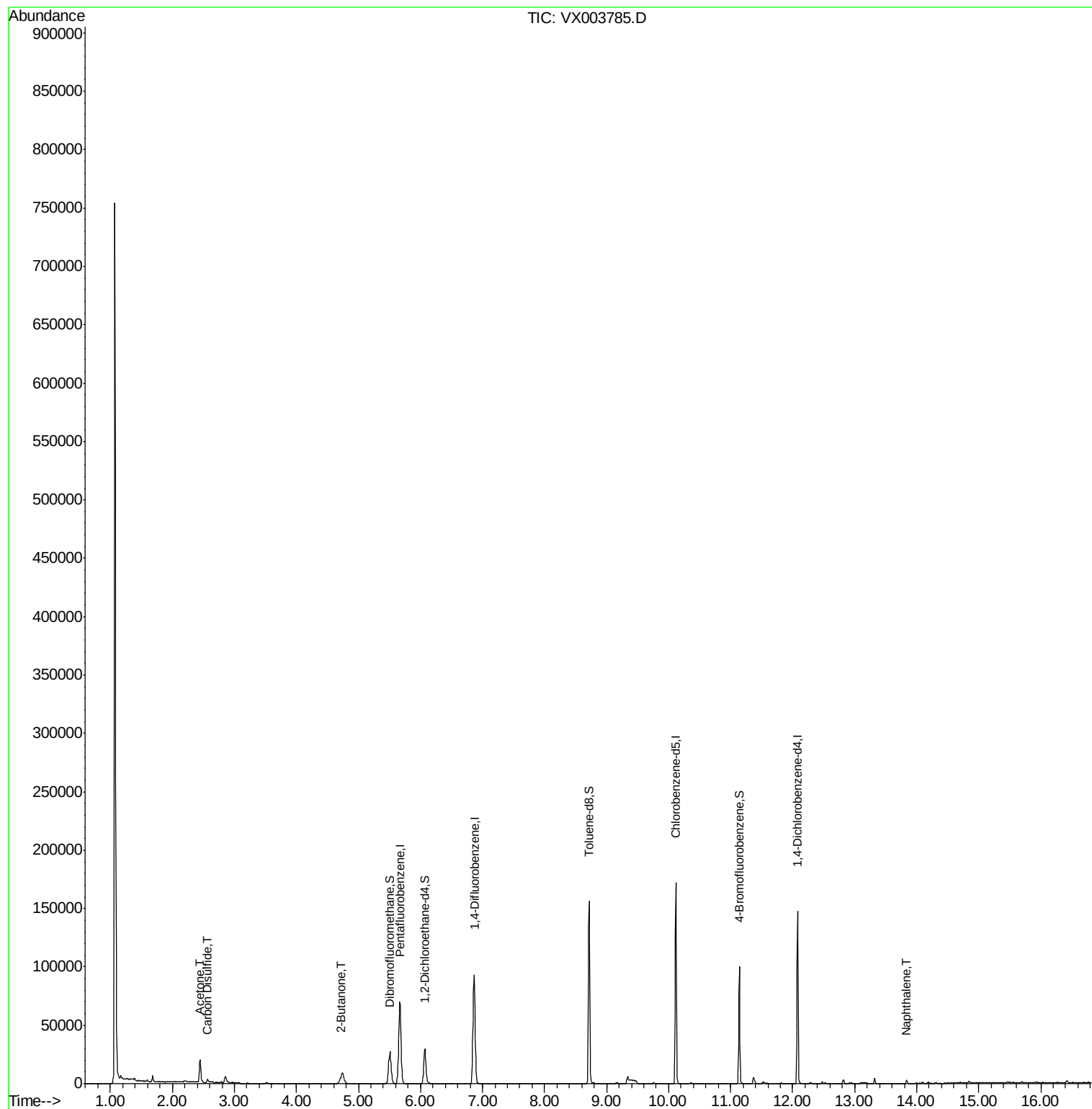
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	69616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	96700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	75983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	31112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	27496	39.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.10%	
35) Dibromofluoromethane	5.51	113	23372	41.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.10%	
50) Toluene-d8	8.72	98	93486	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
62) 4-Bromofluorobenzene	11.14	95	25219	28.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.62%	
Target Compounds						
16) Acetone	2.45	43	21154	78.66	ug/l	99
17) Carbon Disulfide	2.57	76	2827	1.40	ug/l #	93
25) 2-Butanone	4.71	43	4960	12.65	ug/l	91
95) Naphthalene	13.83	128	1833	1.13	ug/l #	96

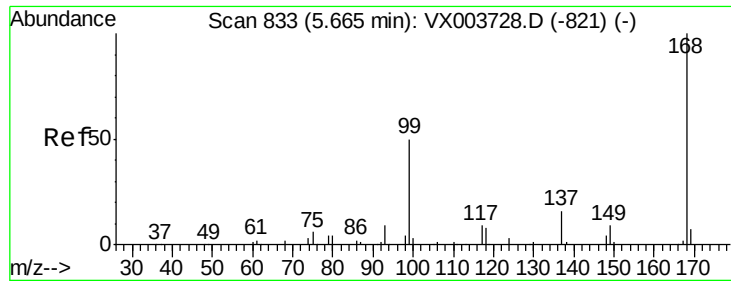
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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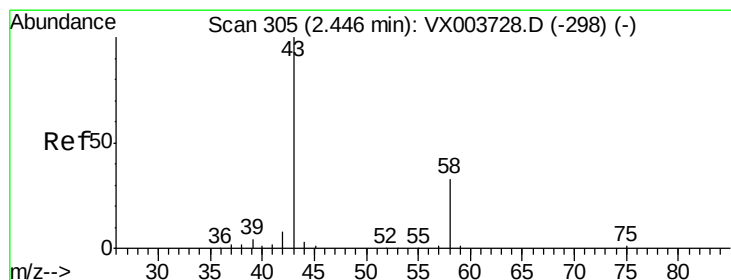
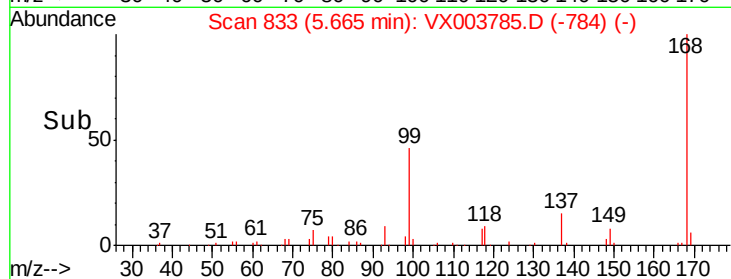
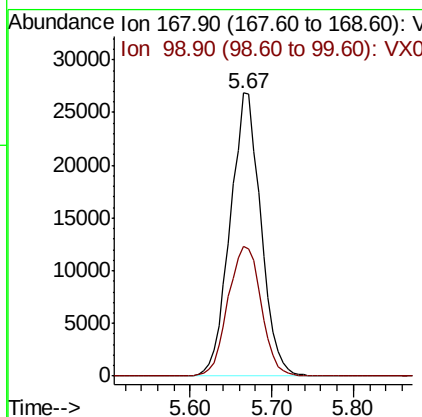
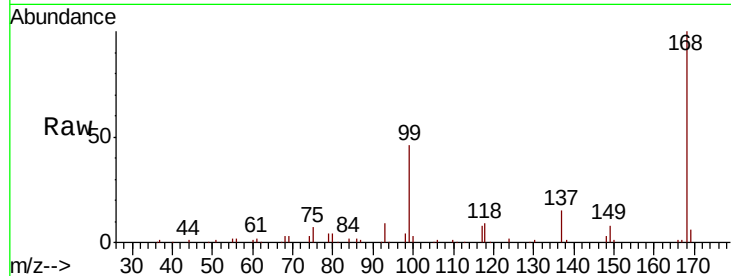




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003785.D
Acq: 01 Aug 2018 07:40

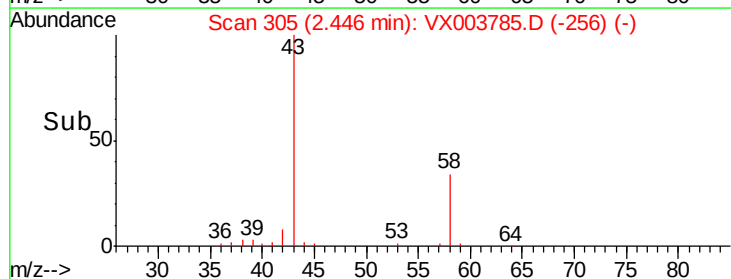
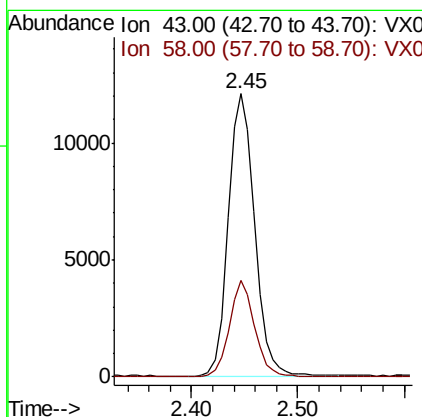
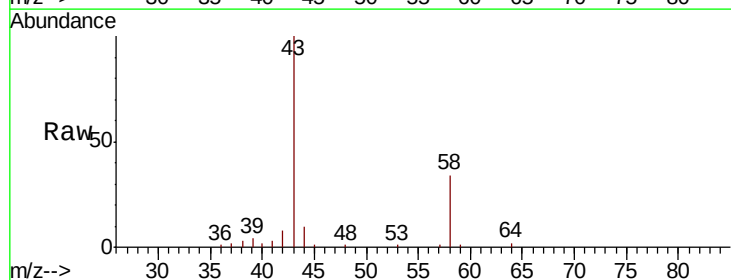
Instrument :
MSVOA_X
ClientSampleId :
SB-3(9-11)

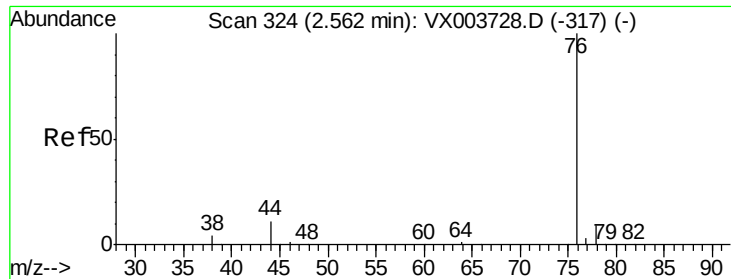
Tot Ion:168 Resp: 69616
Ion Ratio Lower Upper
168 100
99 46.0 40.2 60.2



#16
Acetone
Concen: 78.66 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003785.D
Acq: 01 Aug 2018 07:40

Tgt Ion: 43 Resp: 21154
Ion Ratio Lower Upper
43 100
58 34.1 26.7 40.1





#17

Carbon Disulfide

Concen: 1.40 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003785.D

Acq: 01 Aug 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

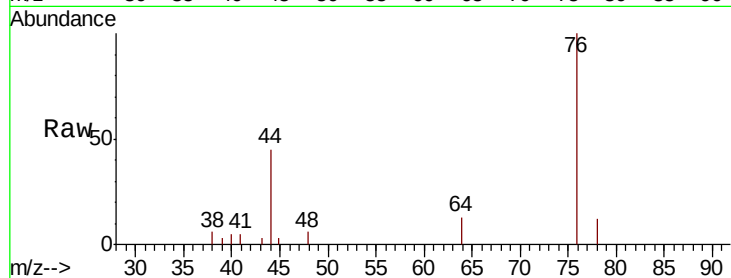
SB-3(9-11)

Tot Ion: 76 Resp: 2827

Ion Ratio Lower Upper

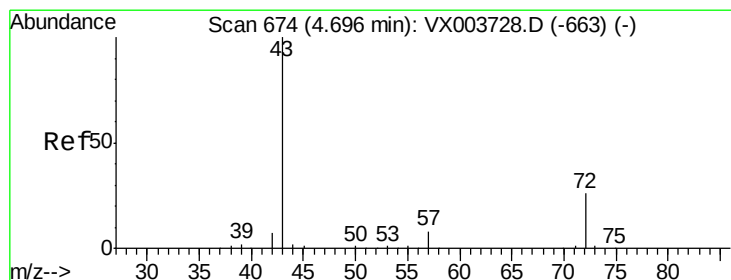
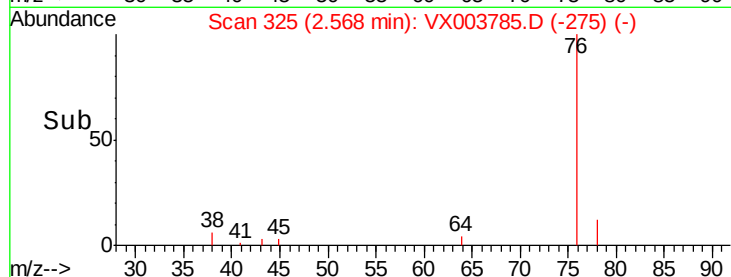
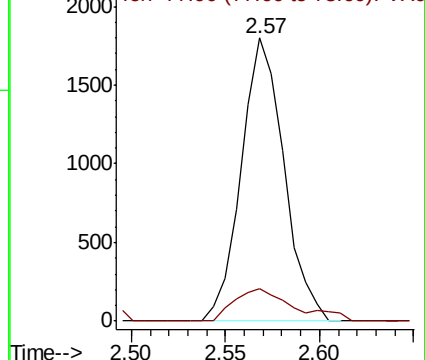
76 100

78 11.7 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 12.65 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX003785.D

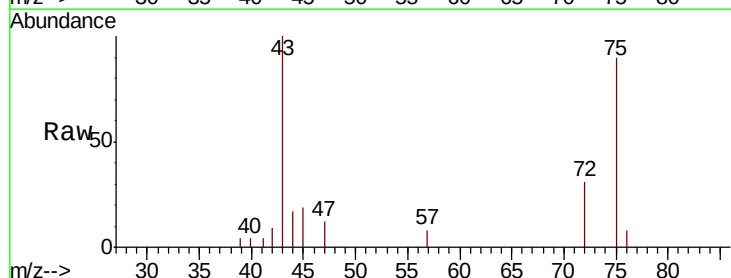
Acq: 01 Aug 2018 07:40

Tgt Ion: 43 Resp: 4960

Ion Ratio Lower Upper

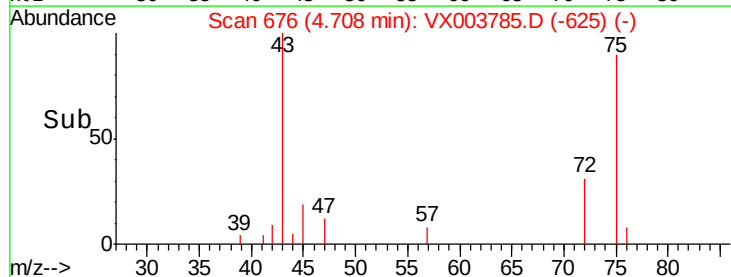
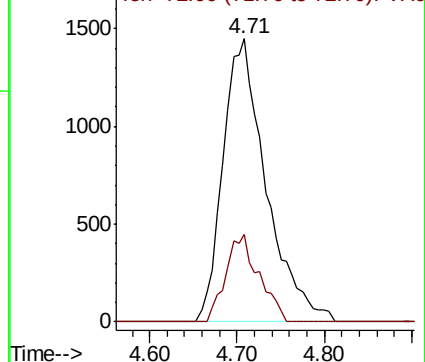
43 100

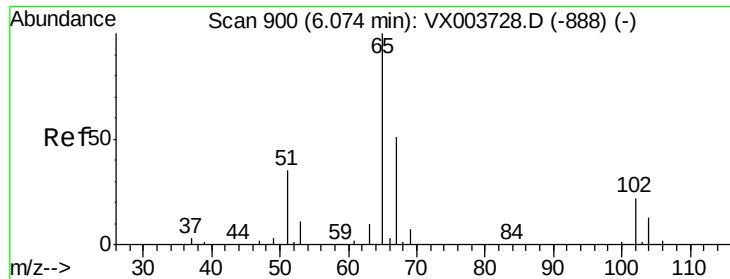
72 30.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

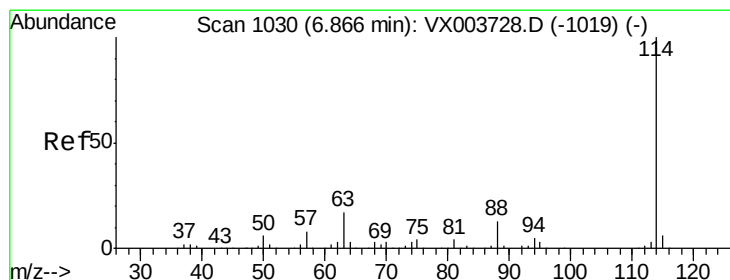
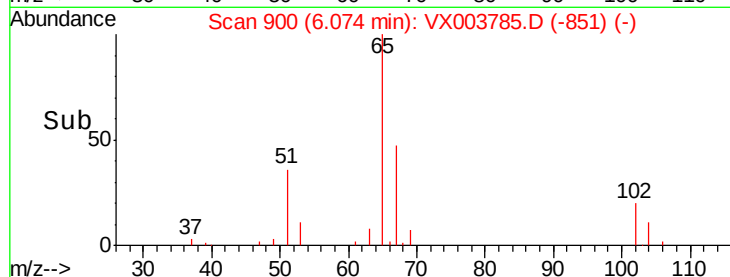
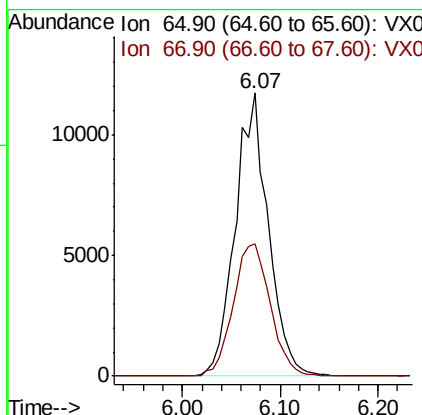
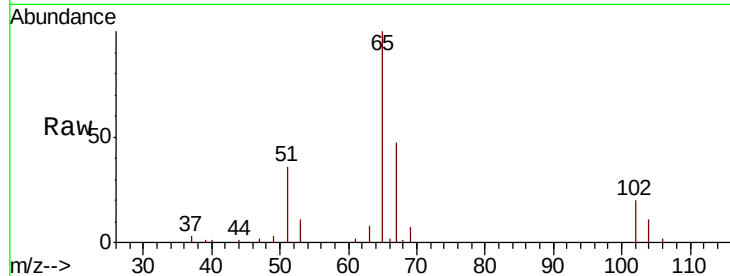




#33
 1,2-Dichloroethane-d4
 Concen: 39.05 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003785.D
 Acq: 01 Aug 2018 07:40

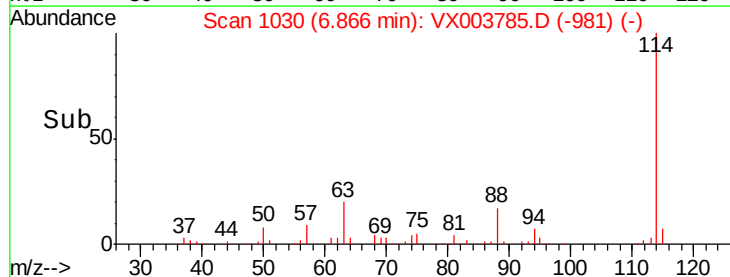
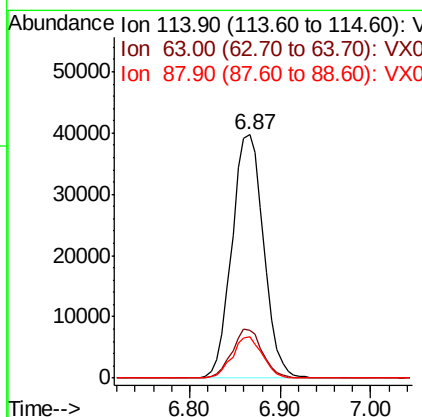
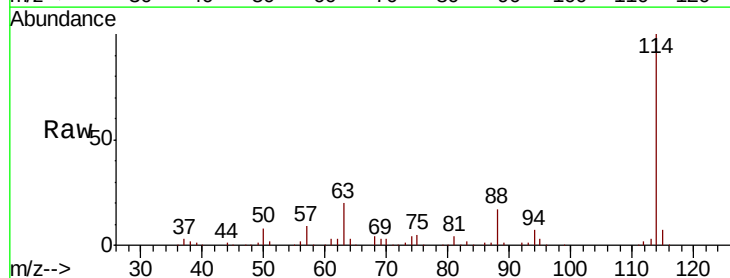
Instrument :
 MSVOA_X
 ClientSampled :
 SB-3(9-11)

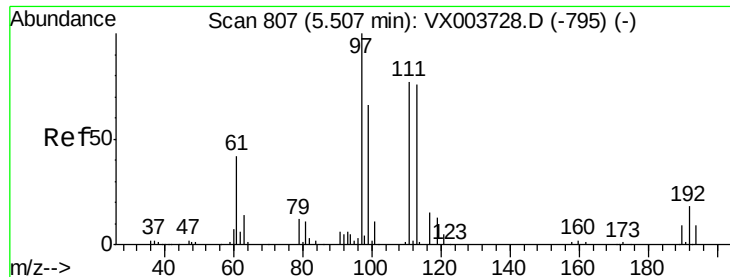
Tot Ion: 65 Resp: 27496
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003785.D
 Acq: 01 Aug 2018 07:40

Tgt Ion: 114 Resp: 96700
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 34.0
 88 17.2 0.0 26.4

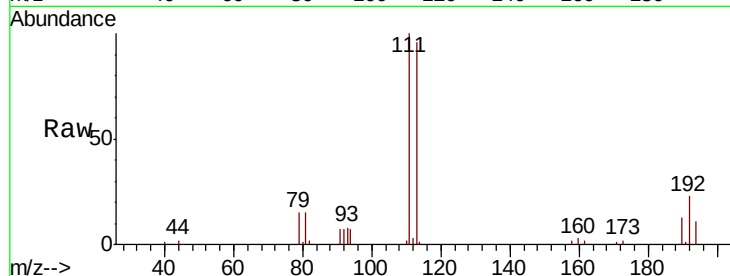




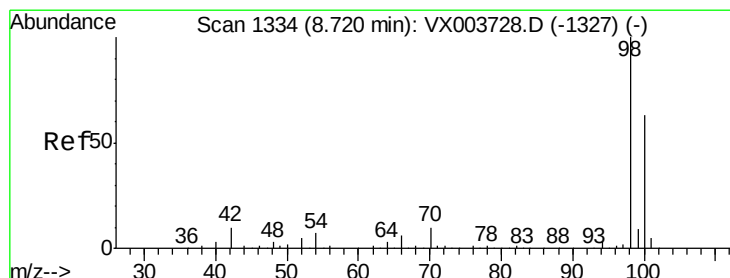
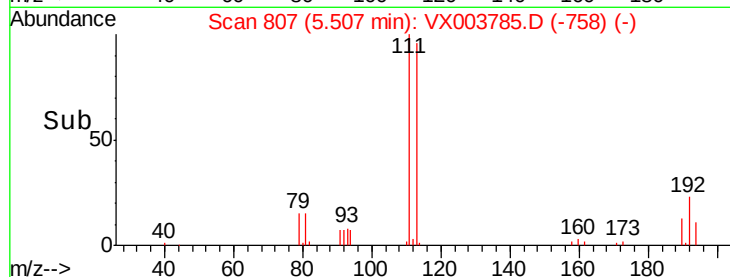
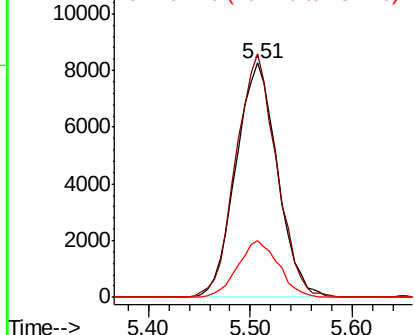
#35
Dibromofluoromethane
Concen: 41.05 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003785.D
Acq: 01 Aug 2018 07:40

Instrument :
MSVOA_X
ClientSampleId :
SB-3(9-11)

Tot Ion:113 Resp: 23372
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 23.6 18.8 28.2

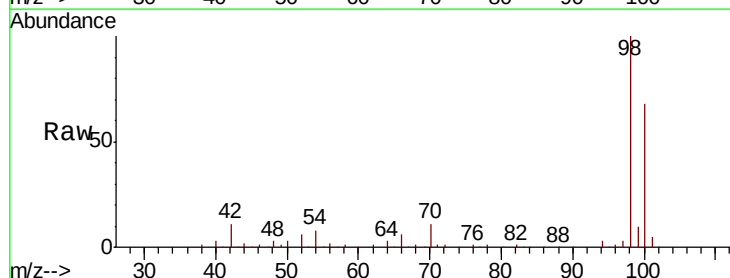


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

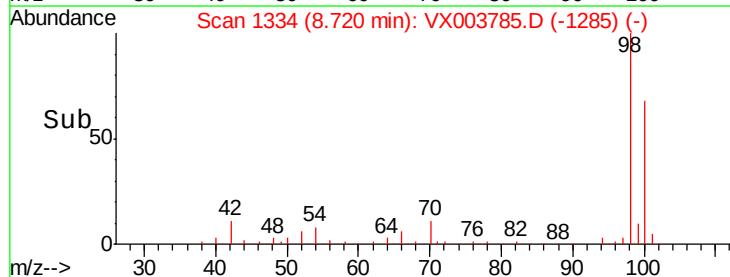
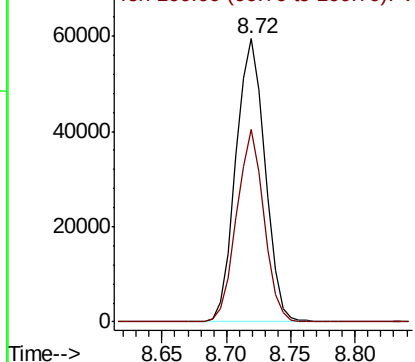


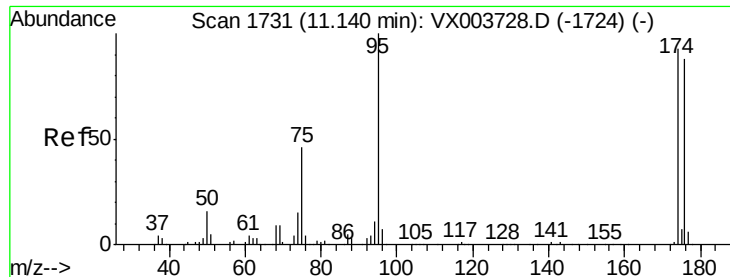
#50
Toluene-d8
Concen: 39.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003785.D
Acq: 01 Aug 2018 07:40

Tgt Ion: 98 Resp: 93486
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 28.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003785.D

Acq: 01 Aug 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

SB-3(9-11)

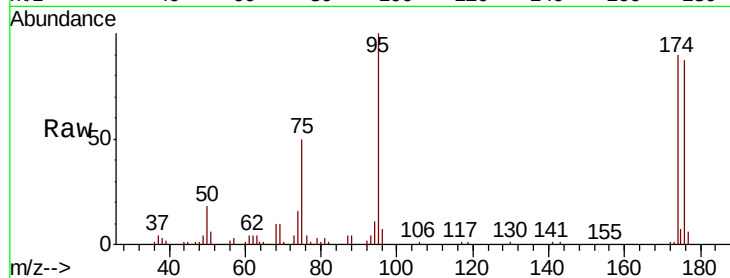
Tot Ion: 95 Resp: 25219

Ion Ratio Lower Upper

95 100

174 92.5 0.0 186.2

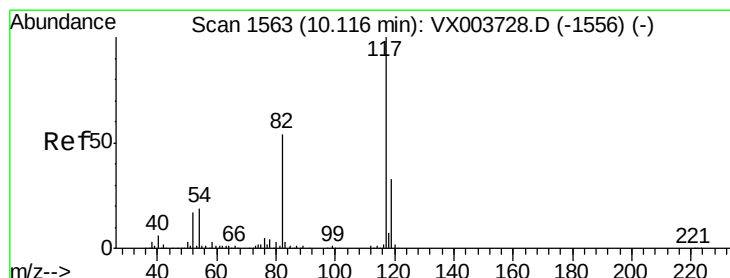
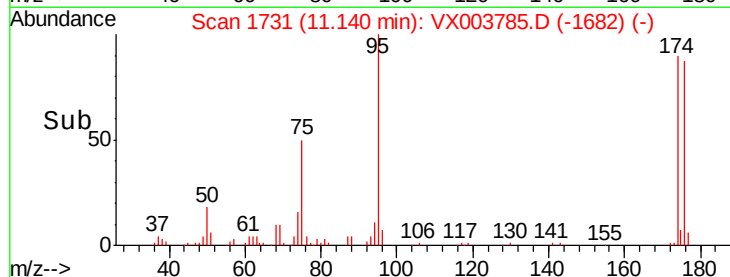
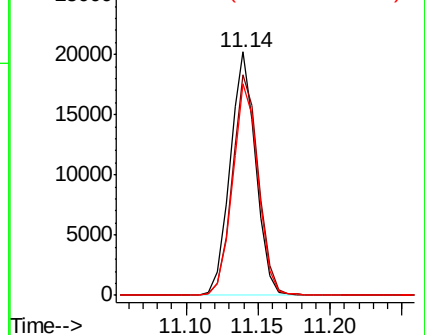
176 87.1 0.0 179.2



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003785.D

Acq: 01 Aug 2018 07:40

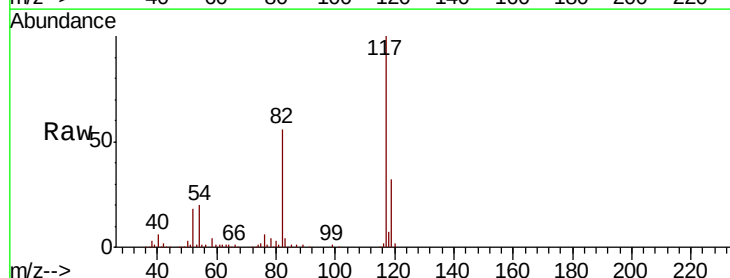
Tgt Ion: 117 Resp: 75983

Ion Ratio Lower Upper

117 100

82 55.7 43.2 64.8

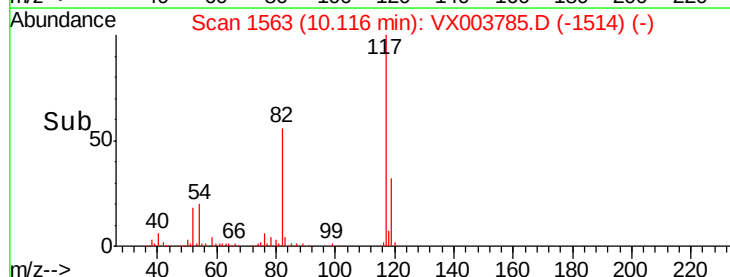
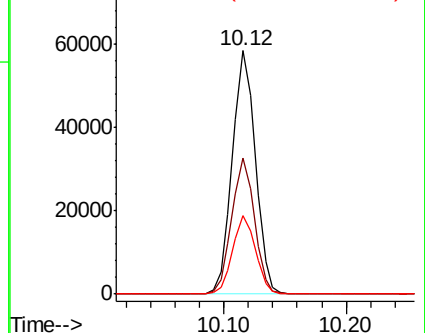
119 32.3 26.3 39.5

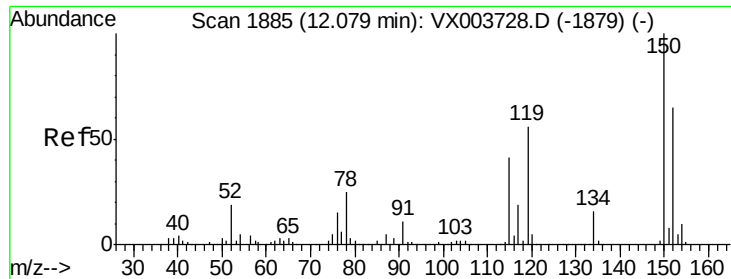


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003785.D

Acq: 01 Aug 2018 07:40

Instrument :

MSVOA_X

ClientSampleId :

SB-3(9-11)

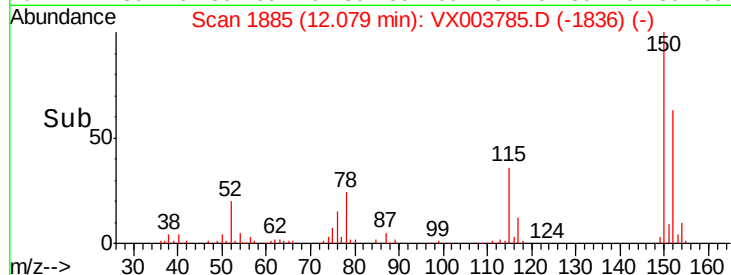
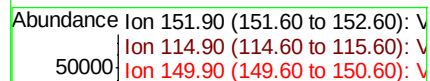
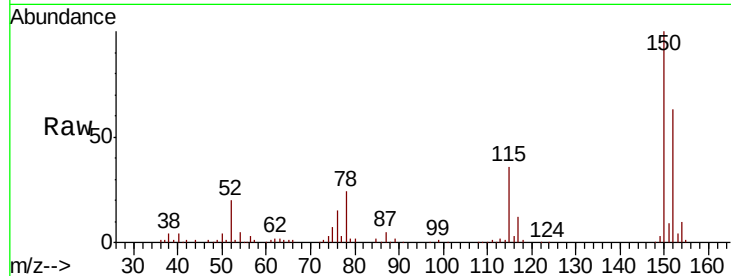
Tot Ion:152 Resp: 31112

Ion Ratio Lower Upper

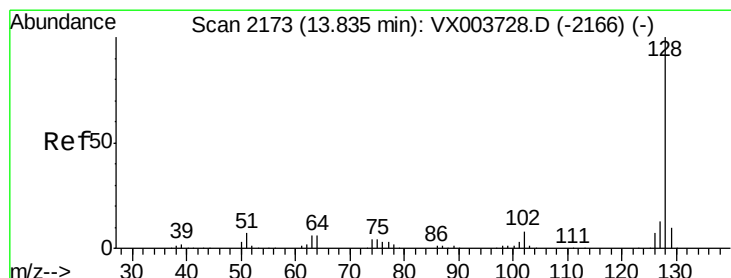
152 100

115 54.9 38.5 115.3

150 155.6 0.0 346.2



Time--> 12.00 12.05 12.10 12.15



#95

Naphthalene

Concen: 1.13 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003785.D

Acq: 01 Aug 2018 07:40

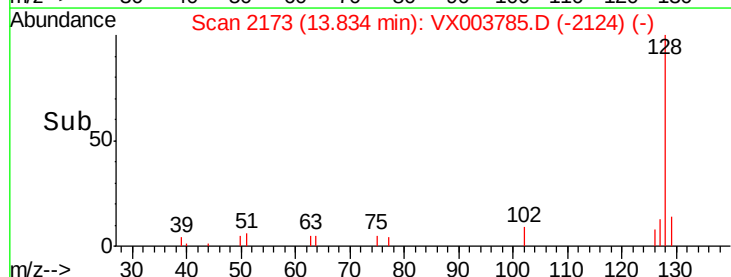
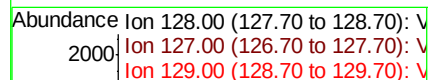
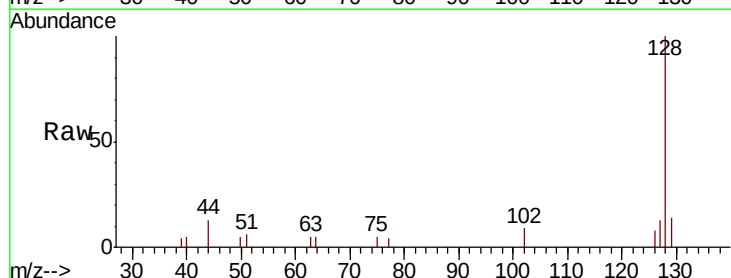
Tgt Ion:128 Resp: 1833

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 14.1 8.7 13.1#



Time--> 13.80 13.85