

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003802.D
 Acq On : 01 Aug 2018 18:49
 Operator : JC/SP
 Sample : J4143-10
 Misc : 11.36G/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 02 07:02:41 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

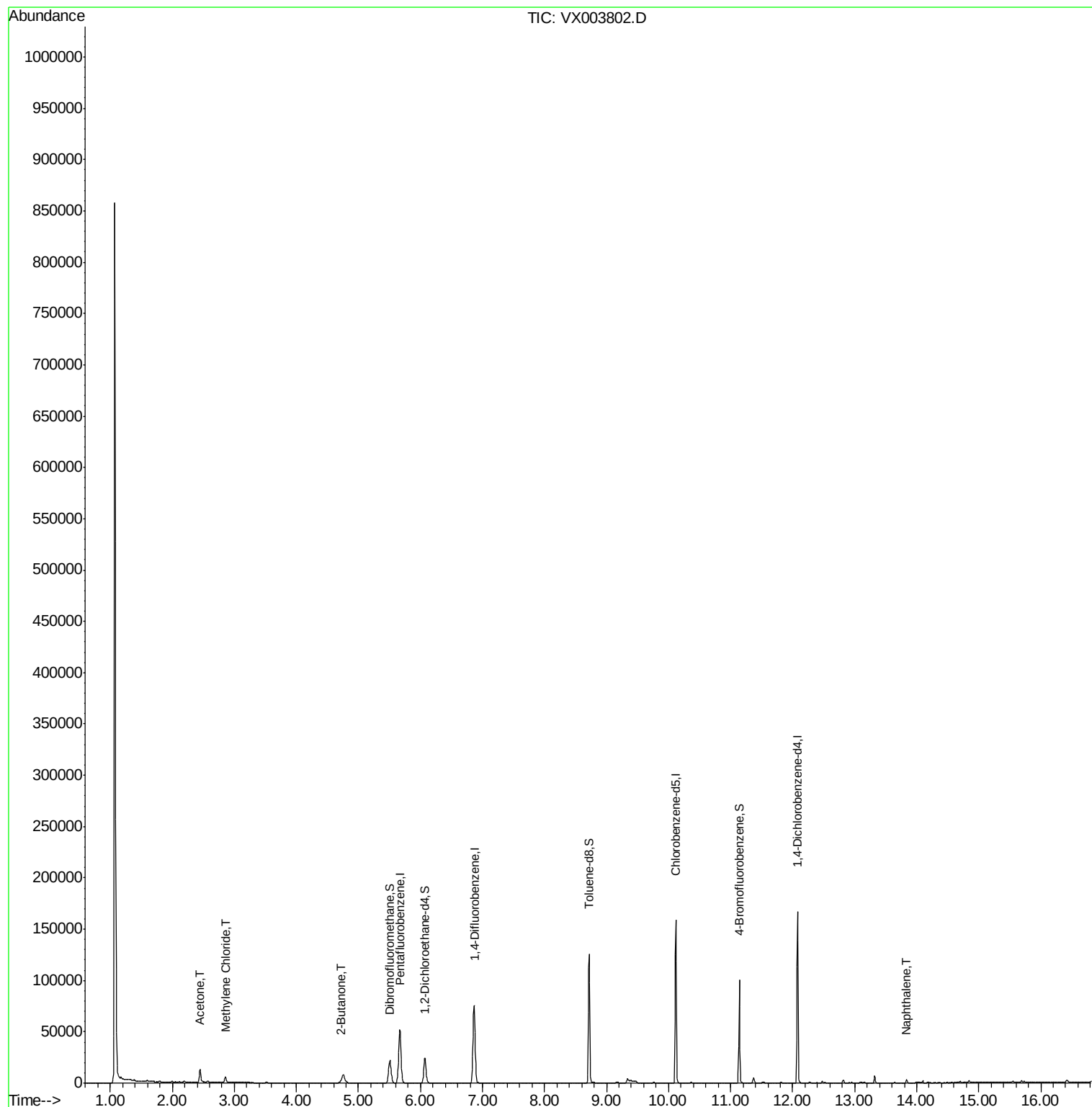
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	53220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	80873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	71578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	35605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	23324	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
35) Dibromofluoromethane	5.51	113	19372	40.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.36%	
50) Toluene-d8	8.72	98	75667	38.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.22%	
62) 4-Bromofluorobenzene	11.14	95	25176	34.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.78%	
Target Compounds						
16) Acetone	2.45	43	12368	60.156	ug/l	99
20) Methylene Chloride	2.86	84	2427	1.386	ug/l	98
25) 2-Butanone	4.71	43	2323	7.751	ug/l #	86
95) Naphthalene	13.83	128	2075	1.118	ug/l	98

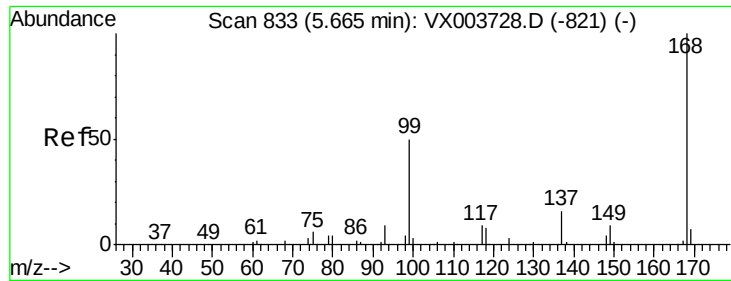
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003802.D
Acq On : 01 Aug 2018 18:49
Operator : JC/SP
Sample : J4143-10
Misc : 11.36G/5.0mL/MSVOA X/SOIL
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 02 07:02:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

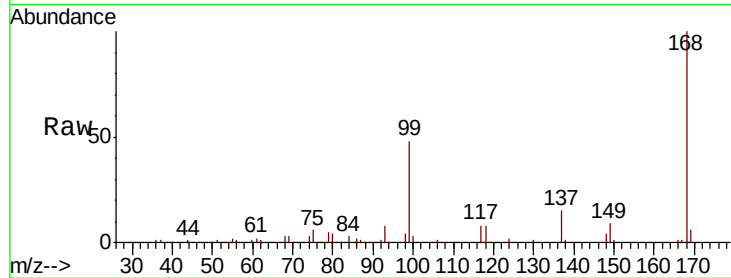
SB-3(9-11)

Tot Ion:168 Resp: 53220

Ion Ratio Lower Upper

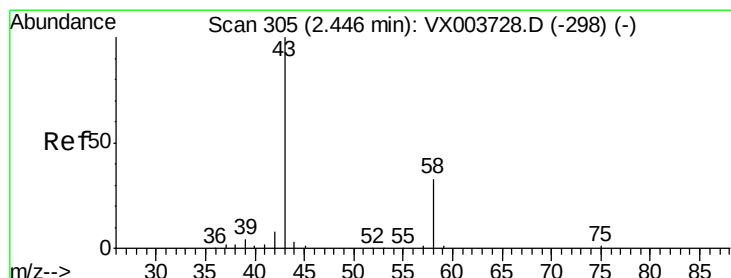
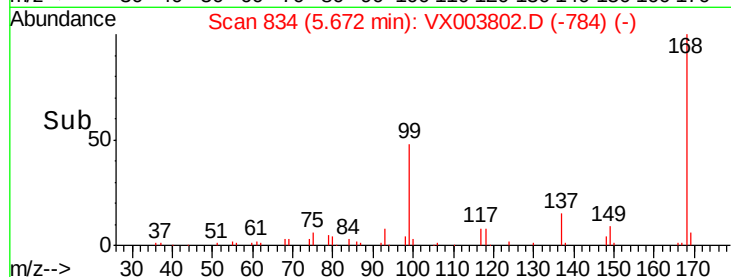
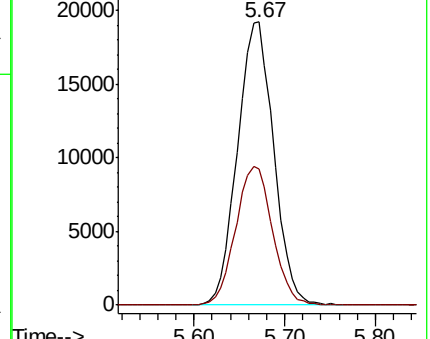
168 100

99 48.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 60.156 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003802.D

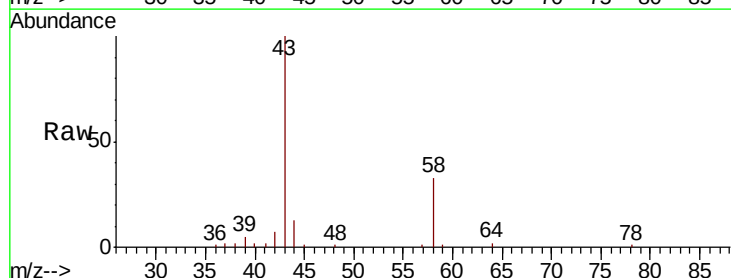
Acq: 01 Aug 2018 18:49

Tgt Ion: 43 Resp: 12368

Ion Ratio Lower Upper

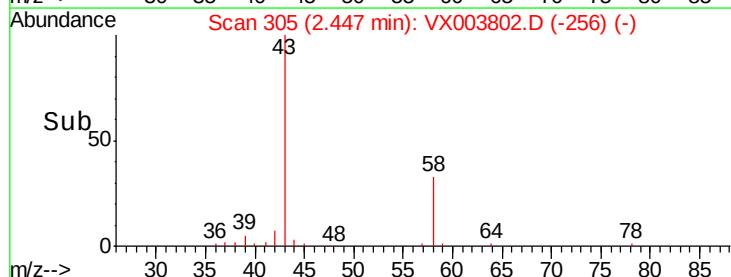
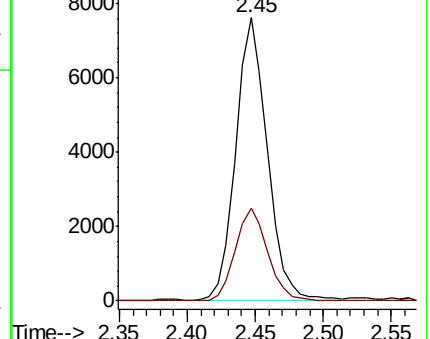
43 100

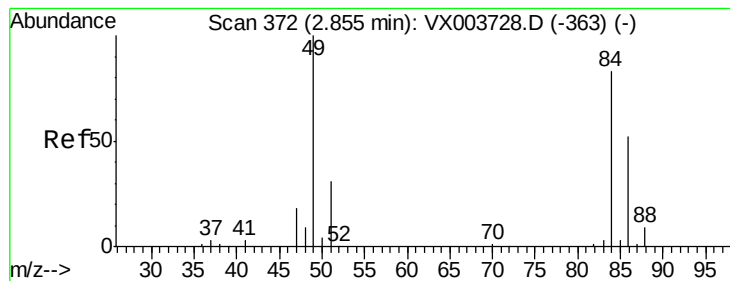
58 32.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 1.386 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

SB-3(9-11)

Tot Ion: 84 Resp: 2427

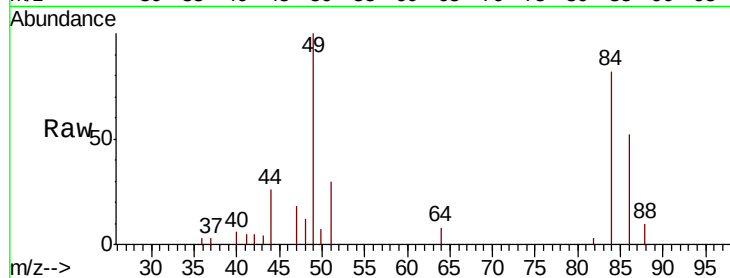
Ion Ratio Lower Upper

84 100

49 122.4 95.8 143.8

51 36.6 29.6 44.4

86 64.0 50.0 75.0

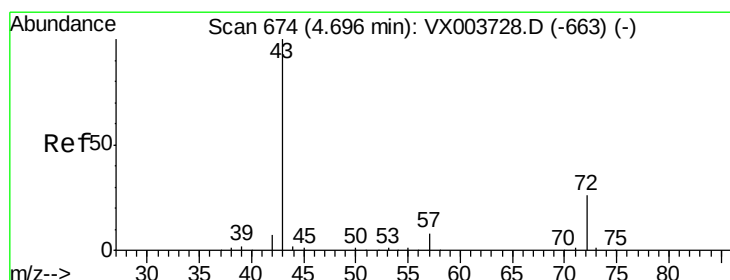
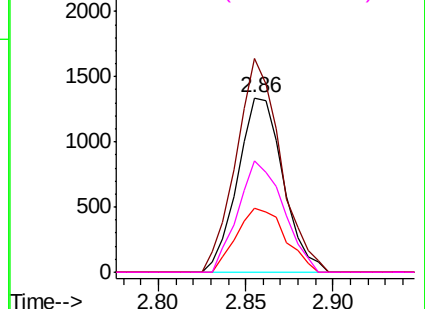
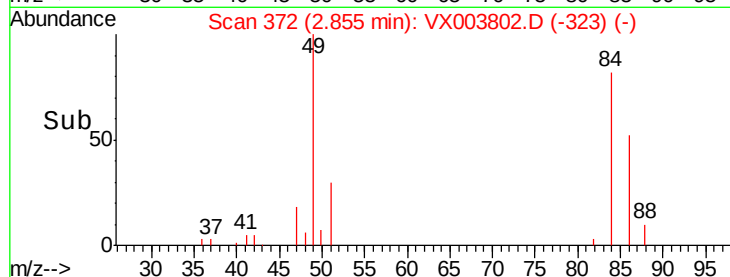


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 7.751 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.02 min

Lab File: VX003802.D

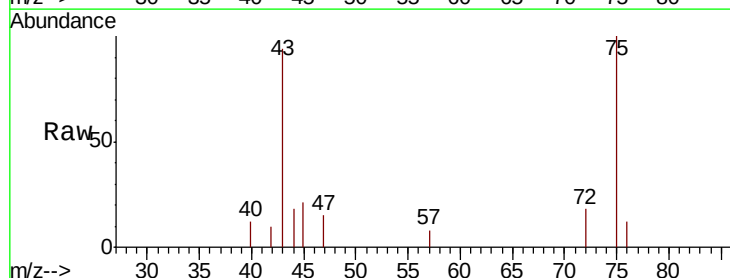
Acq: 01 Aug 2018 18:49

Tgt Ion: 43 Resp: 2323

Ion Ratio Lower Upper

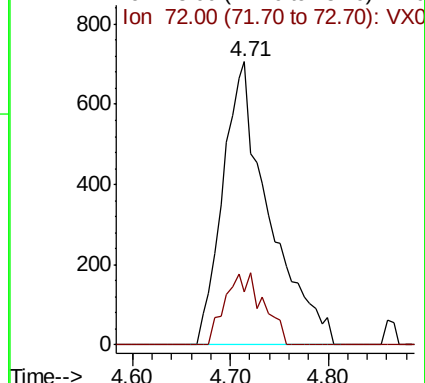
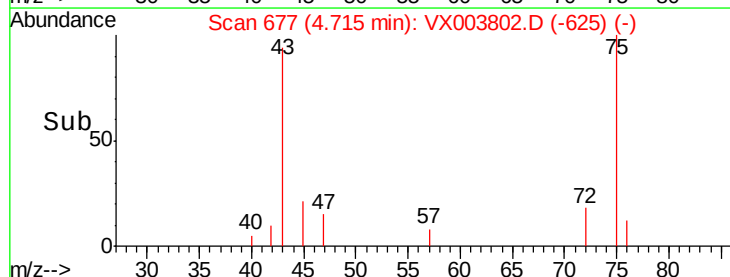
43 100

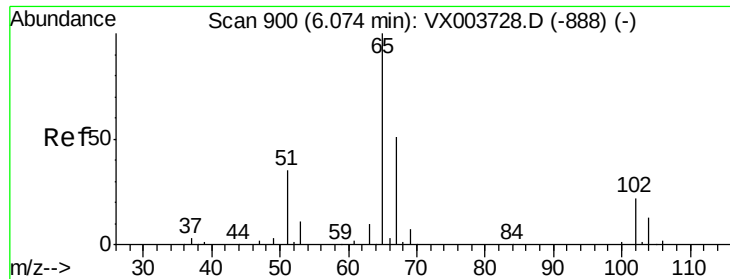
72 18.7 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

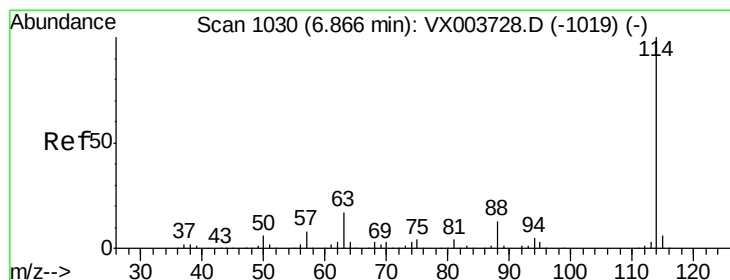
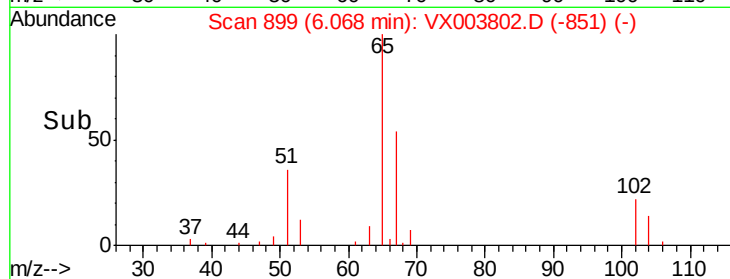
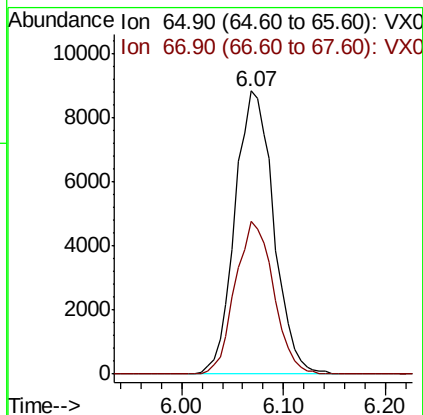
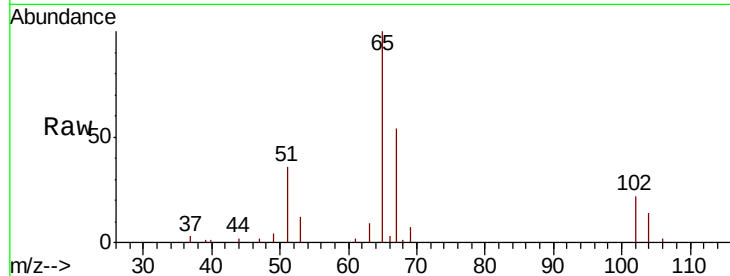




#33
 1,2-Dichloroethane-d4
 Concen: 43.333 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

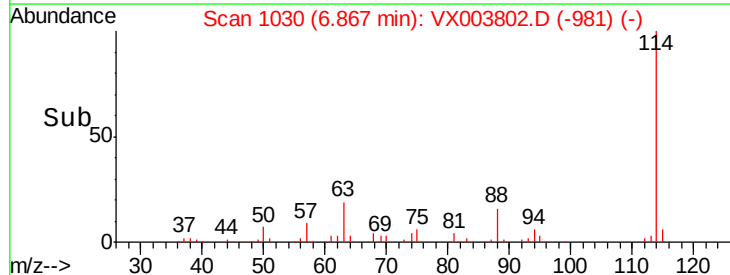
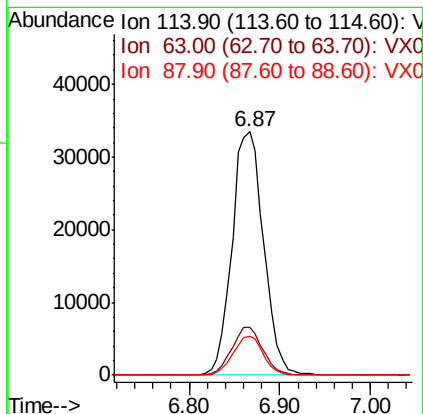
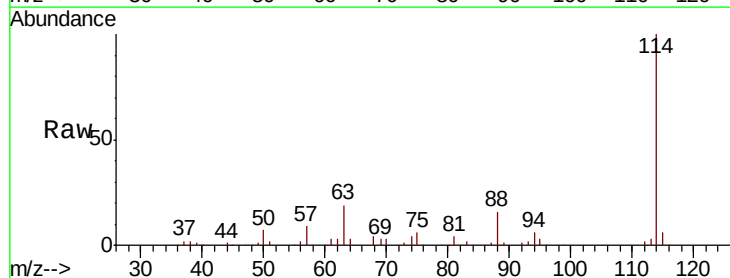
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3(9-11)

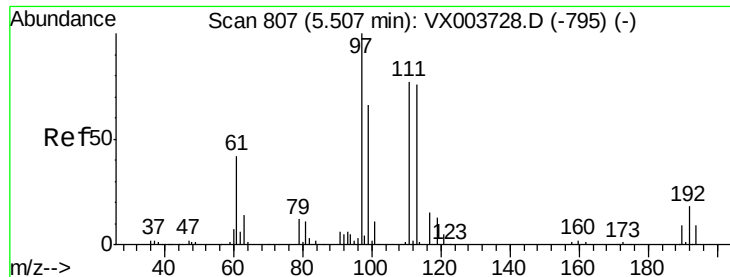
Tot Ion: 65 Resp: 23324
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

Tgt Ion: 114 Resp: 80873
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.0
 88 16.2 0.0 26.4





#35

Dibromofluoromethane

Concen: 40.680 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

SB-3(9-11)

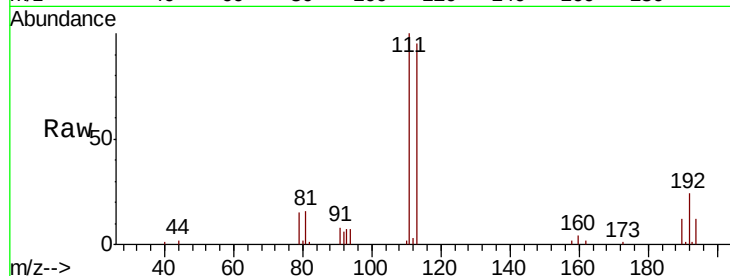
Tot Ion:113 Resp: 19372

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.6

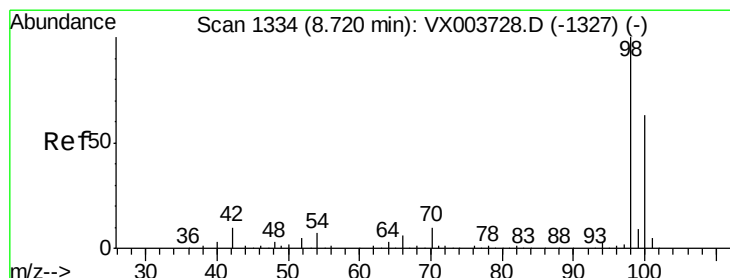
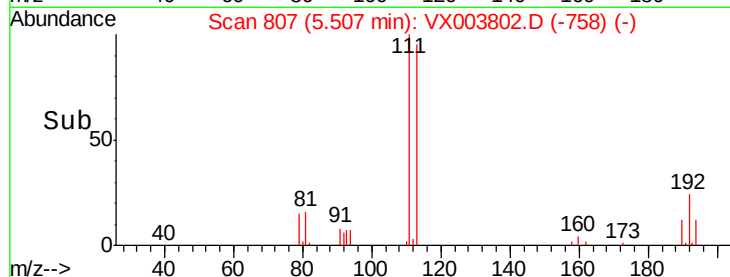
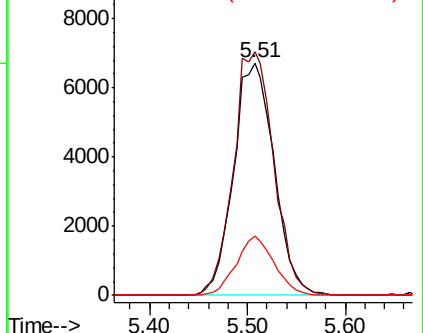
192 23.9 18.8 28.2



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: 38.111 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003802.D

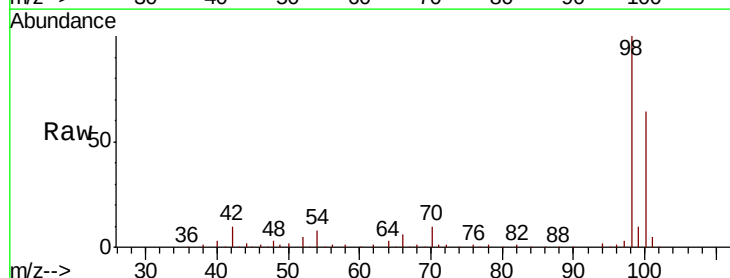
Acq: 01 Aug 2018 18:49

Tgt Ion: 98 Resp: 75667

Ion Ratio Lower Upper

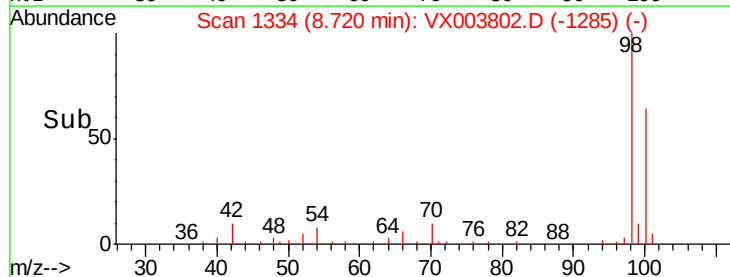
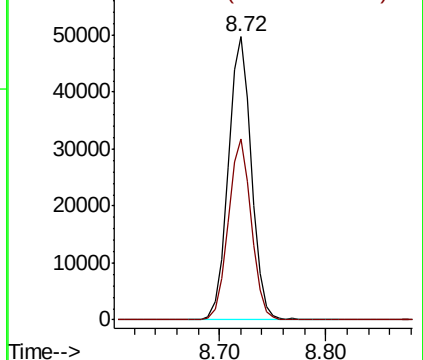
98 100

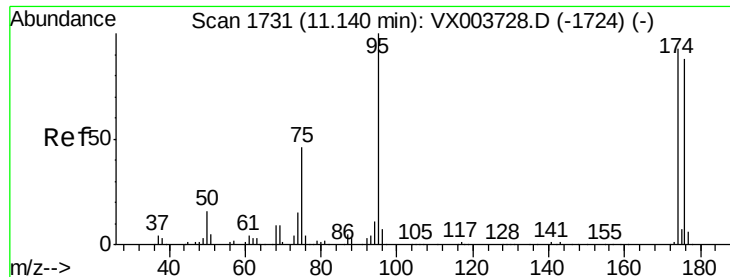
100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.391 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampled :

SB-3(9-11)

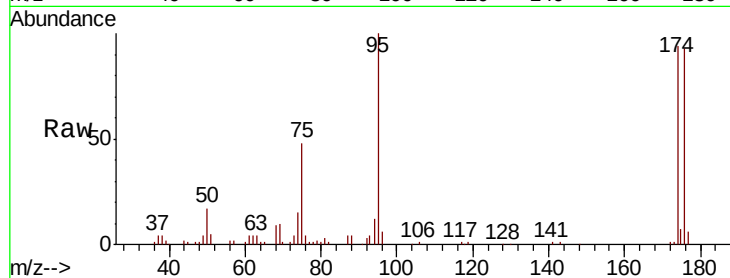
Tot Ion: 95 Resp: 25176

Ion Ratio Lower Upper

95 100

174 95.0 0.0 186.2

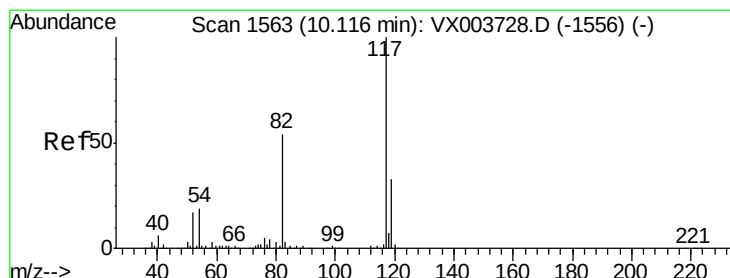
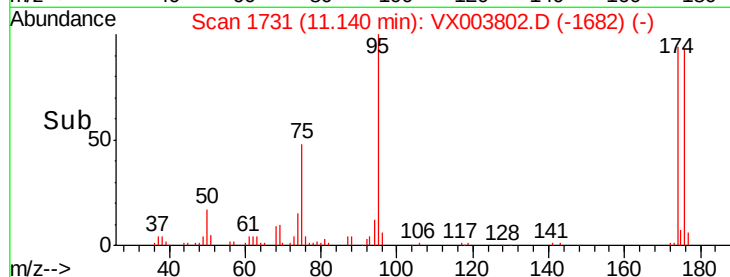
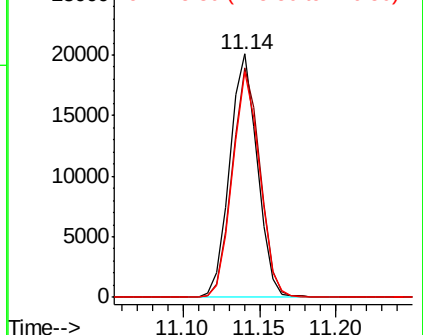
176 91.7 0.0 179.2



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: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

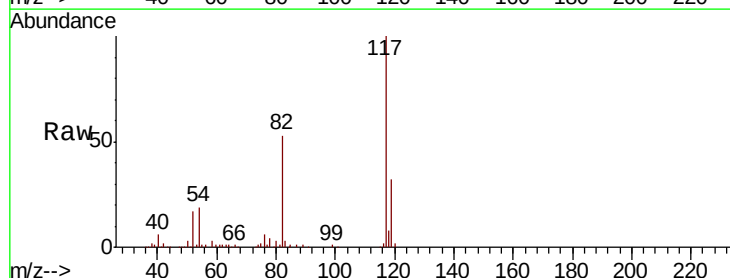
Tgt Ion: 117 Resp: 71578

Ion Ratio Lower Upper

117 100

82 53.3 43.2 64.8

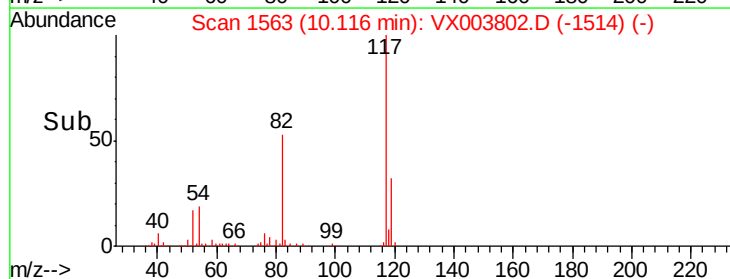
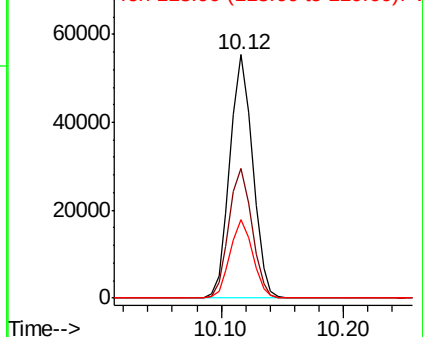
119 32.3 26.3 39.5

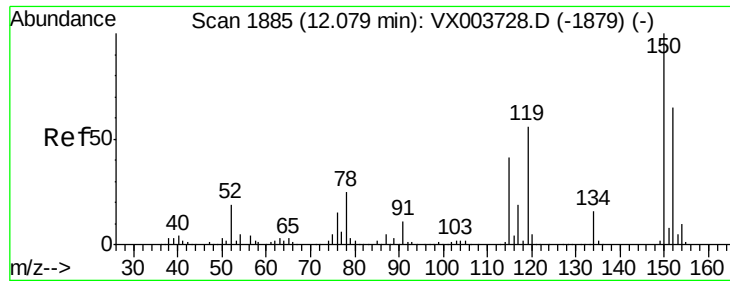


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

SB-3(9-11)

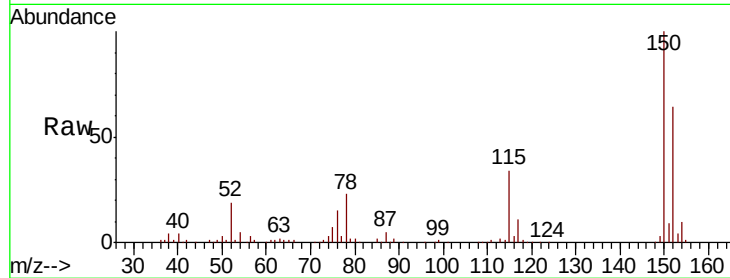
Tot Ion:152 Resp: 35605

Ion Ratio Lower Upper

152 100

115 54.5 38.5 115.3

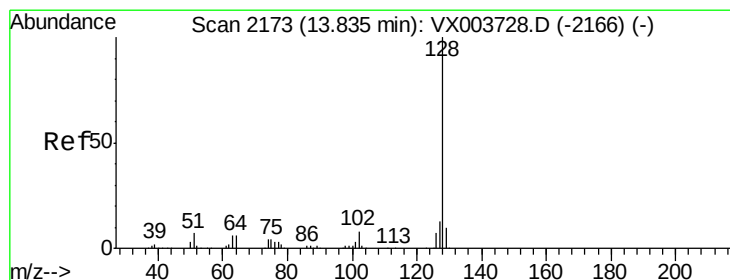
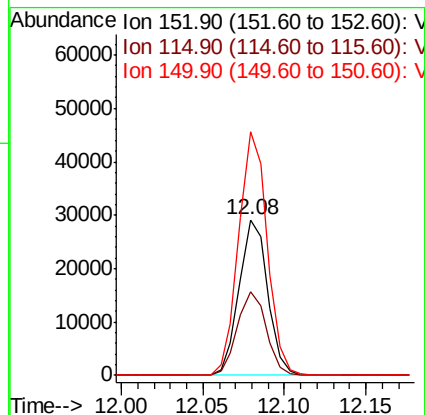
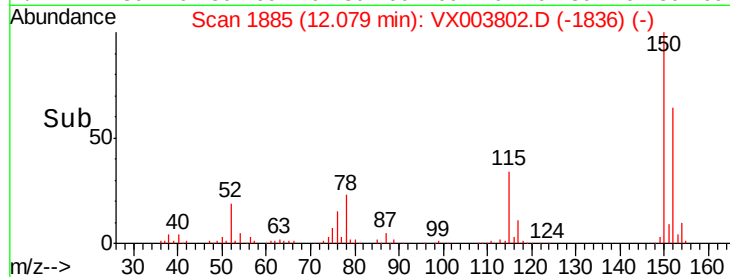
150 156.6 0.0 346.2



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: 1.118 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

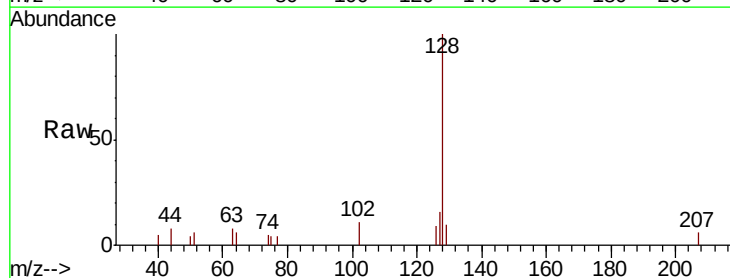
Tgt Ion:128 Resp: 2075

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 11.3 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

