

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003801.D
 Acq On : 01 Aug 2018 18:23
 Operator : JC/SP
 Sample : J4143-09RE
 Misc : 11.11G/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3(3-5)RE

Quant Time: Aug 02 06:58:38 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

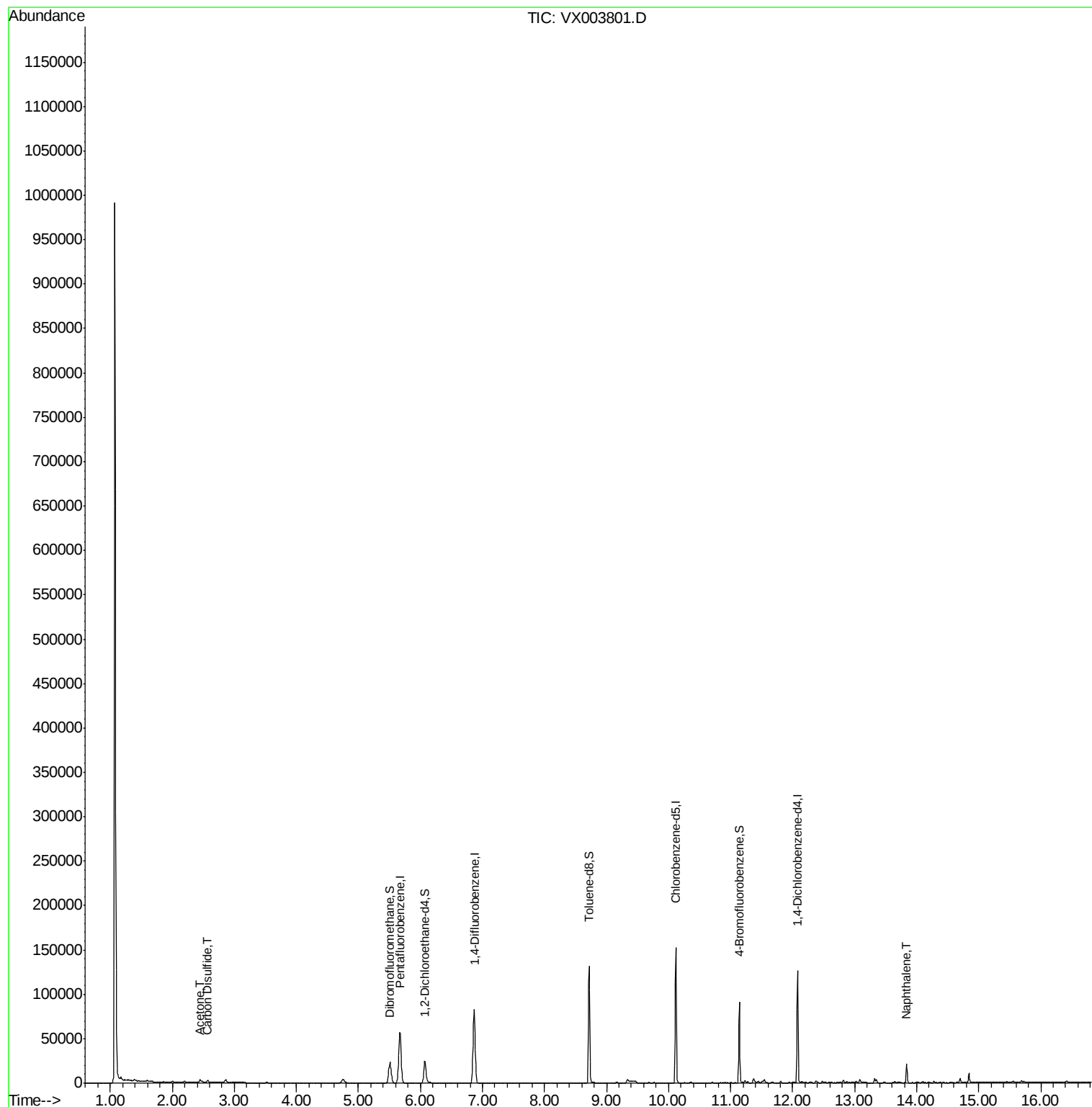
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	59462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	84184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	67947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	26881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	23082	38.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.76%	
35) Dibromofluoromethane	5.50	113	20193	40.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.48%	
50) Toluene-d8	8.72	98	77845	37.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.34%	
62) 4-Bromofluorobenzene	11.14	95	22484	29.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.02%	
Target Compounds						
16) Acetone	2.45	43	2820	12.276	ug/l	99
17) Carbon Disulfide	2.57	76	3411	1.973	ug/l	97
95) Naphthalene	13.83	128	13583	9.695	ug/l	99

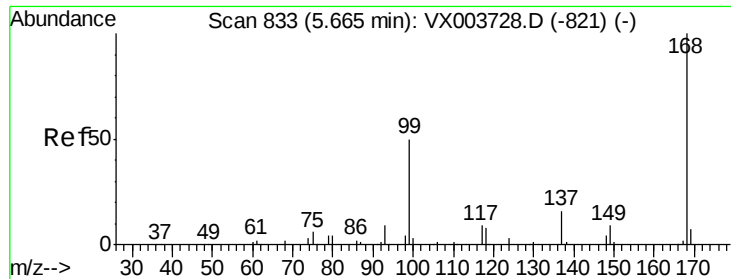
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

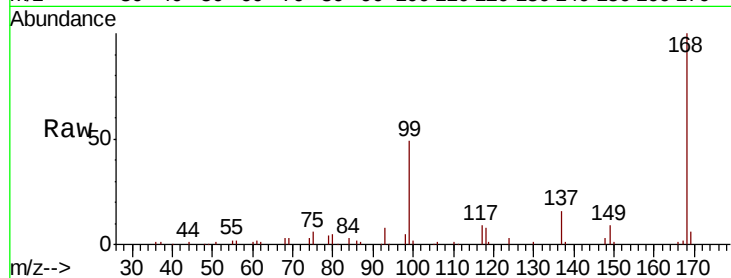
SB-3(3-5)RE

Tot Ion:168 Resp: 59462

Ion Ratio Lower Upper

168 100

99 48.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

25000

20000

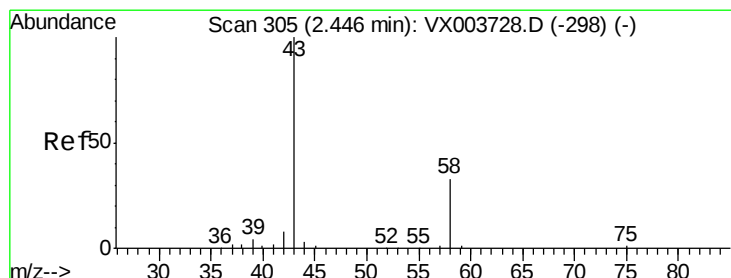
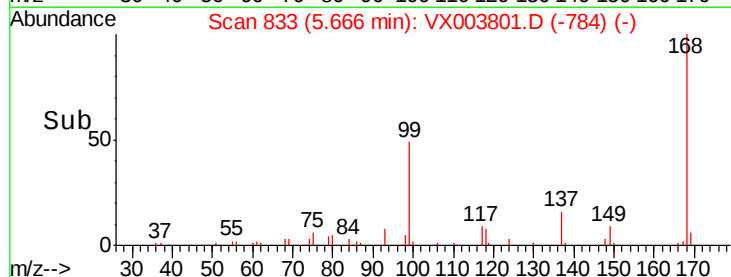
15000

10000

5000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.276 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003801.D

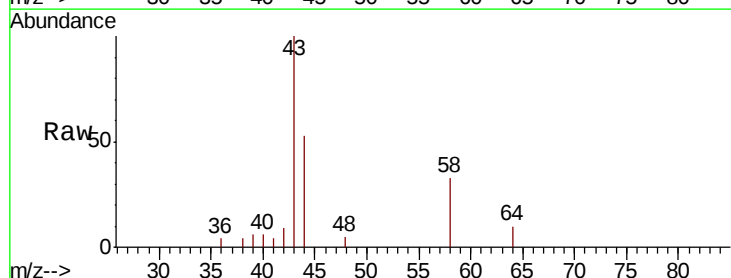
Acq: 01 Aug 2018 18:23

Tgt Ion: 43 Resp: 2820

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

2.45

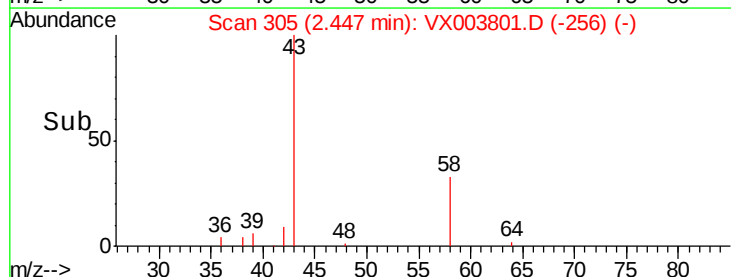
1500

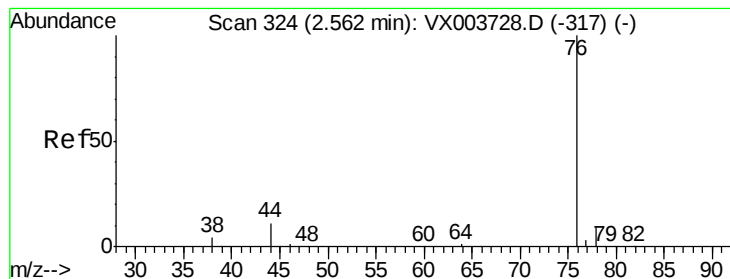
1000

500

0

Time--> 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 1.973 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

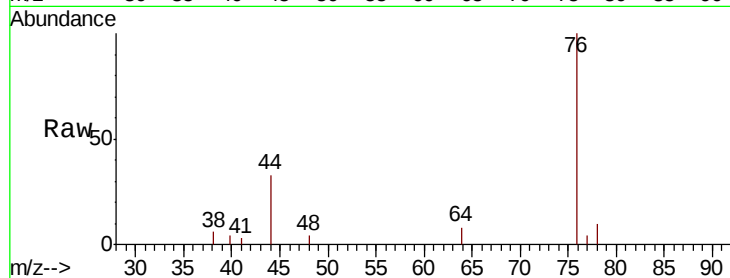
SB-3(3-5)RE

Tot Ion: 76 Resp: 3411

Ion Ratio Lower Upper

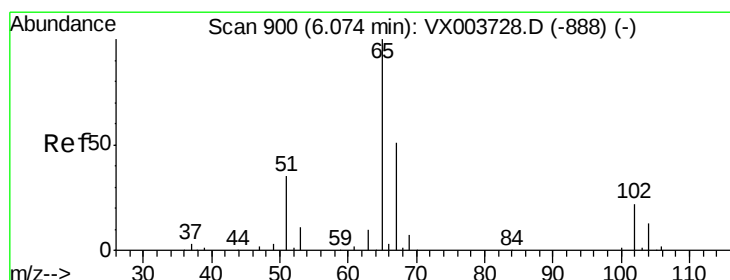
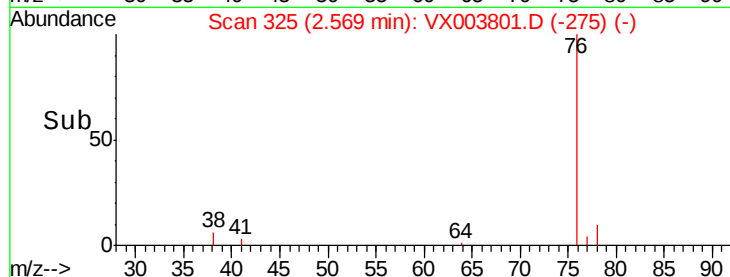
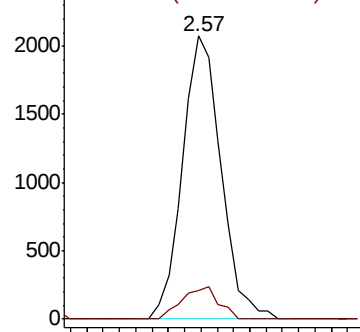
76 100

78 10.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 38.382 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003801.D

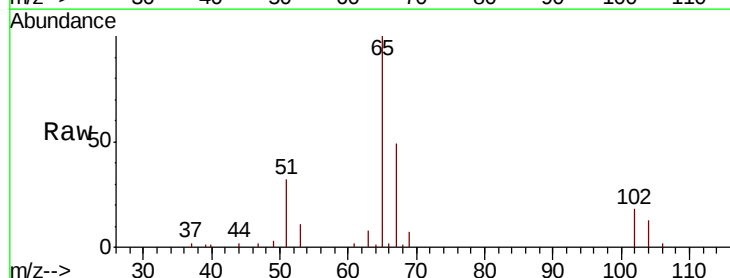
Acq: 01 Aug 2018 18:23

Tgt Ion: 65 Resp: 23082

Ion Ratio Lower Upper

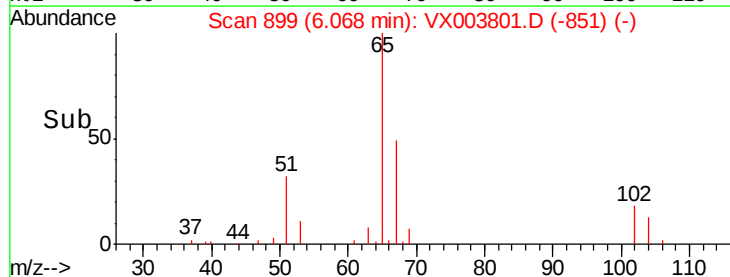
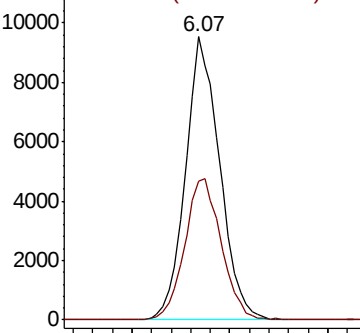
65 100

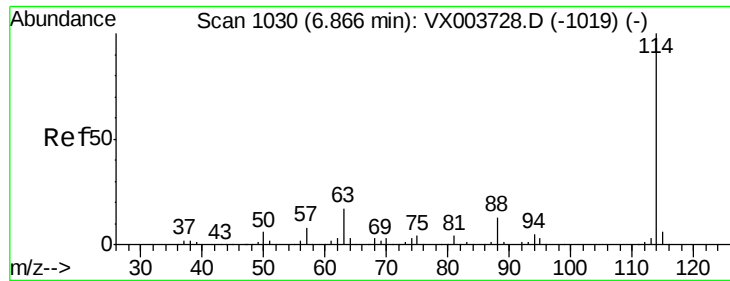
67 53.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

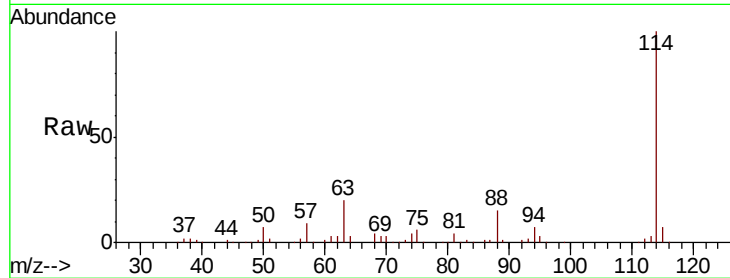




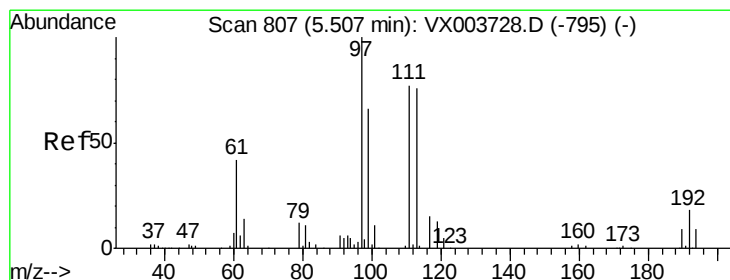
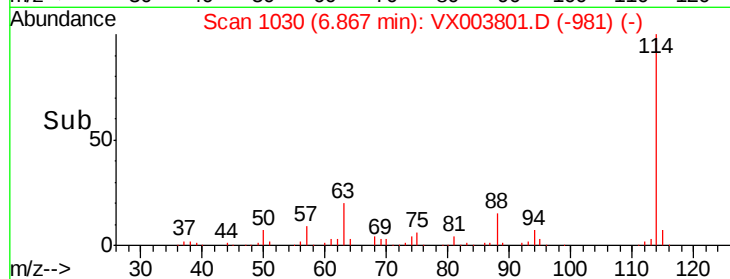
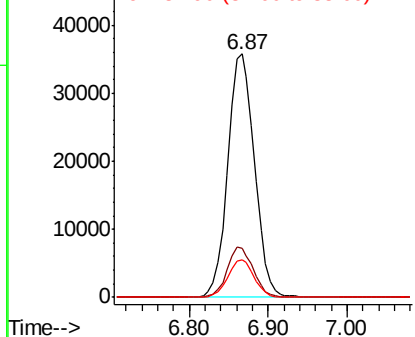
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
SB-3(3-5)RE

Tot Ion:114 Resp: 84184
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.0
88 15.4 0.0 26.4

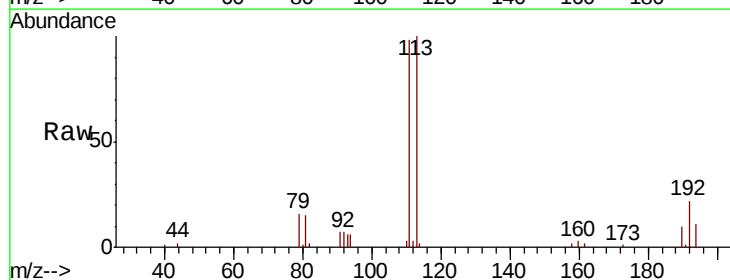


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

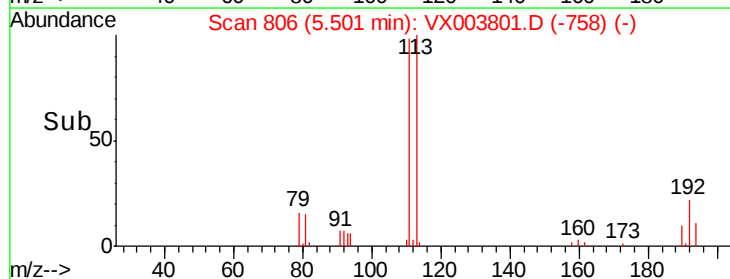
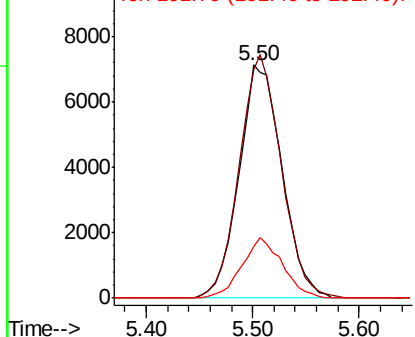


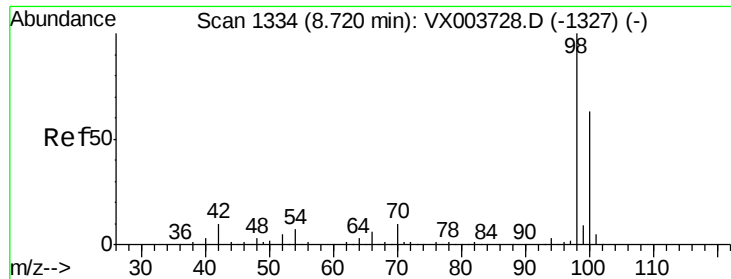
#35
Dibromofluoromethane
Concen: 40.737 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Tgt Ion:113 Resp: 20193
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 24.3 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

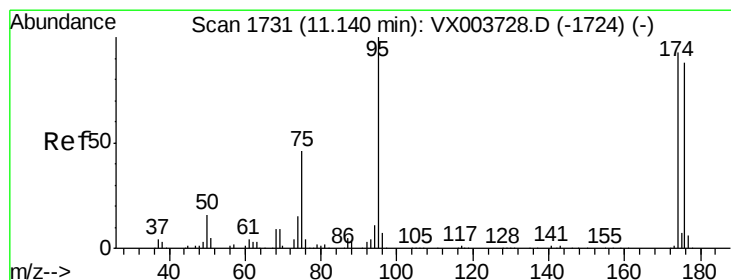
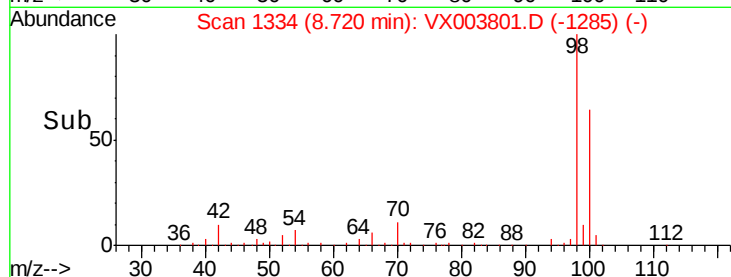
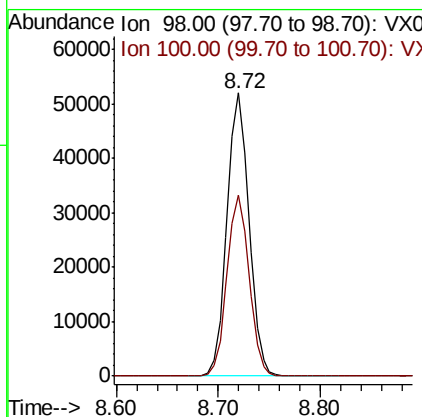
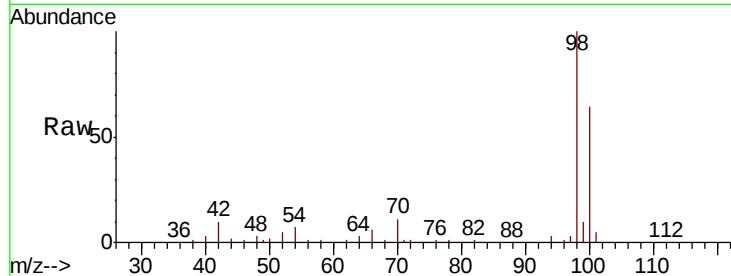




#50
Toluene-d8
Concen: 37.666 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

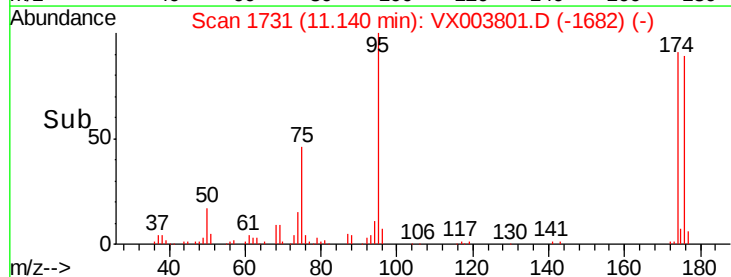
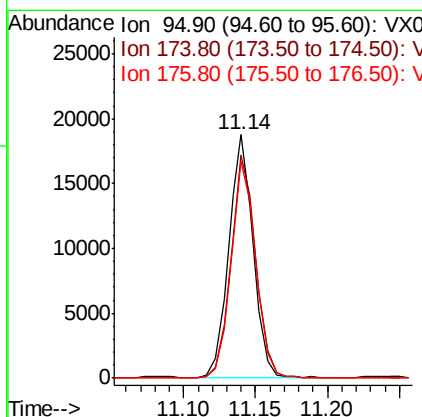
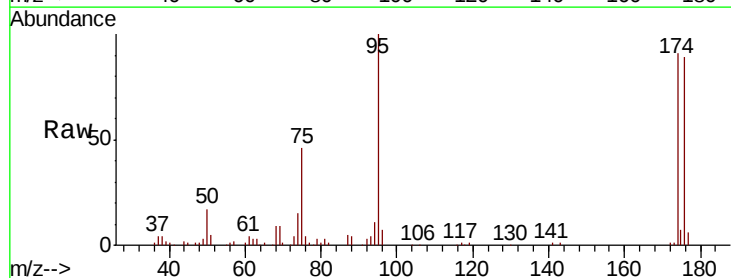
Instrument :
MSVOA_X
ClientSampleId :
SB-3(3-5)RE

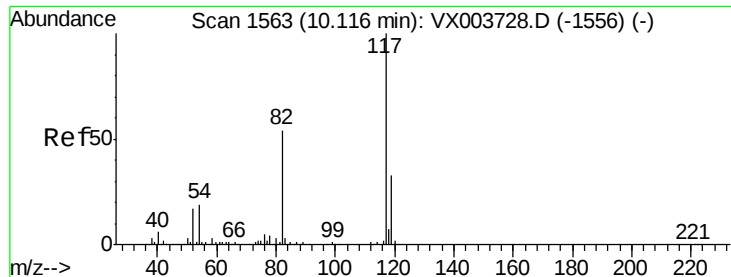
Tot Ion: 98 Resp: 77845
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 29.506 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Tgt Ion: 95 Resp: 22484
Ion Ratio Lower Upper
95 100
174 92.2 0.0 186.2
176 89.0 0.0 179.2

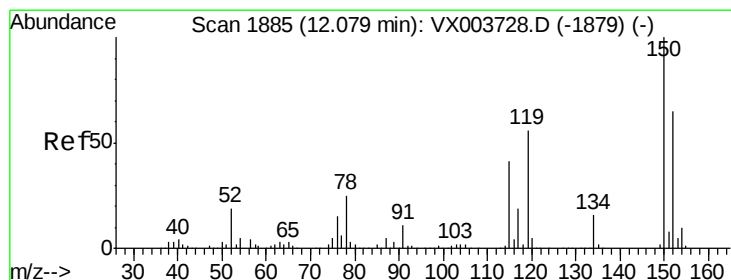
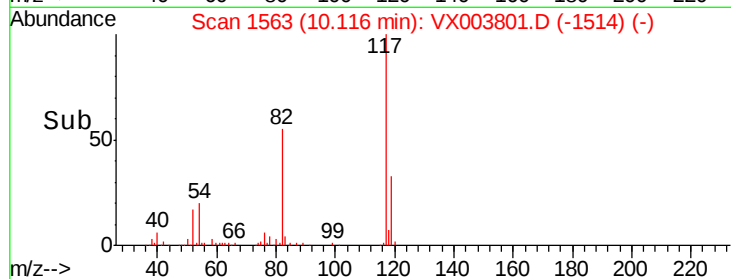
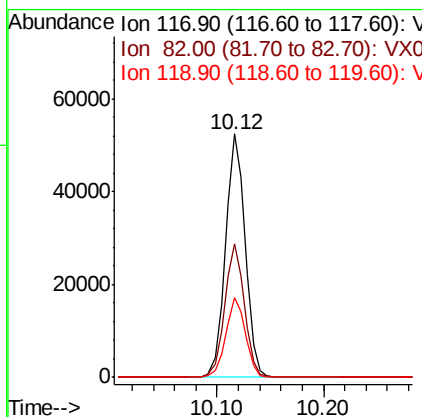
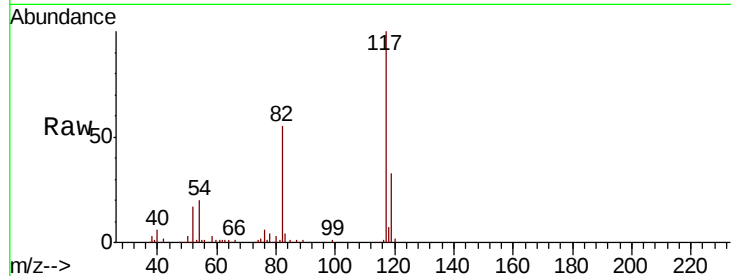




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

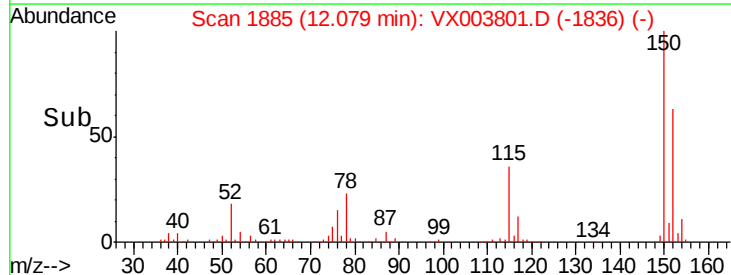
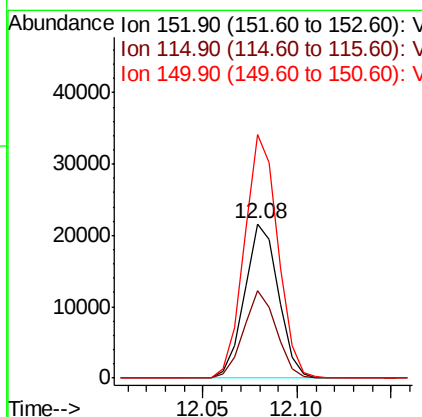
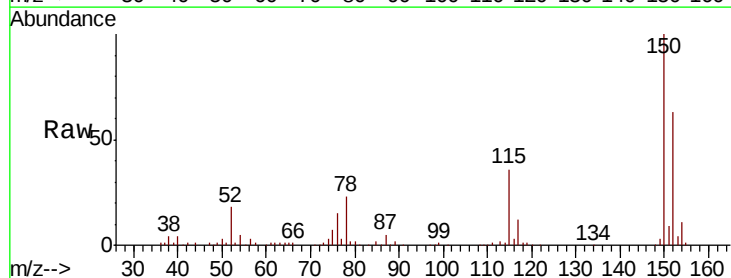
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SB-3(3-5)RE

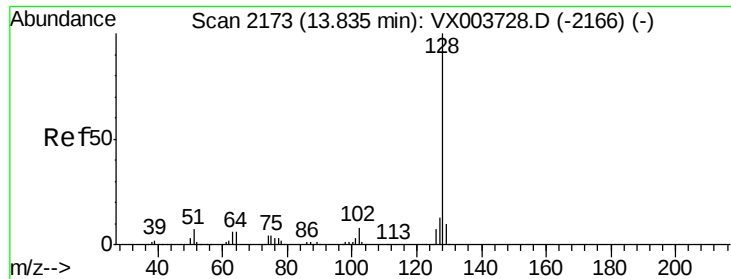
Tot Ion:117 Resp: 67947
Ion Ratio Lower Upper
117 100
82 55.0 43.2 64.8
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Tgt Ion:152 Resp: 26881
Ion Ratio Lower Upper
152 100
115 55.0 38.5 115.3
150 156.7 0.0 346.2

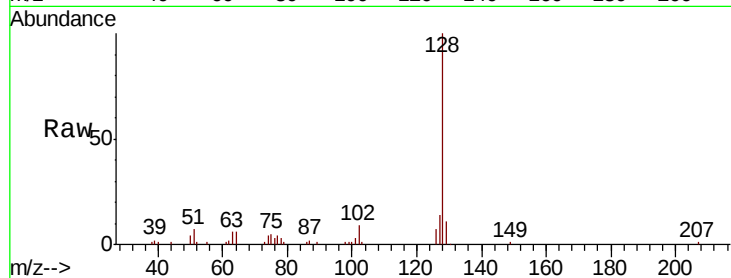




#95
Naphthalene
Concen: 9.695 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
SB-3(3-5)RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.4	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

