

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003809.D
 Acq On : 01 Aug 2018 21:46
 Operator : JC/SP
 Sample : J4121-07RE
 Misc : 9.95G/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7(3-5)RE

Quant Time: Aug 02 07:57:08 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

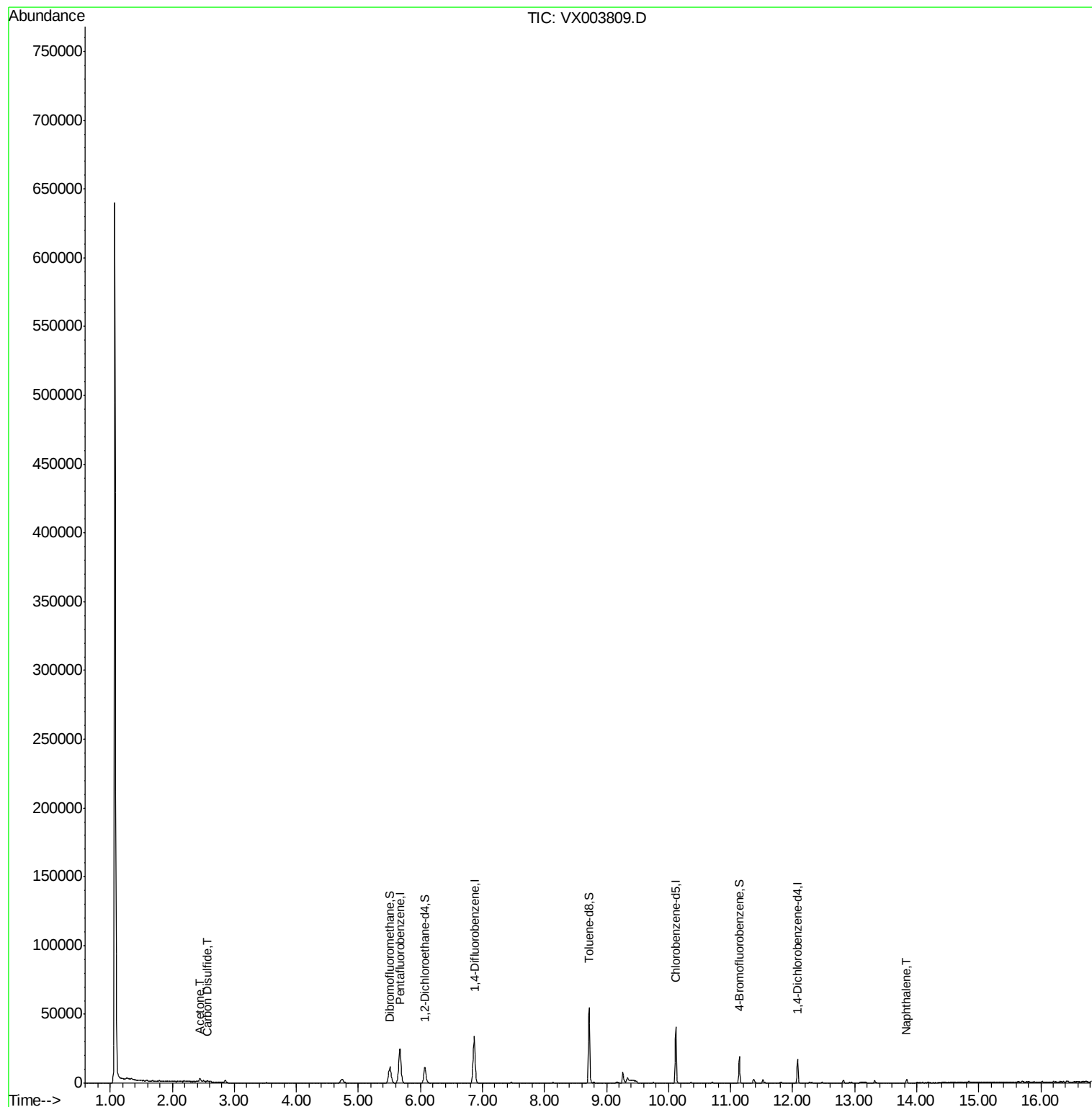
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	25626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	33238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	18739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	3820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	10655	41.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.22%	
35) Dibromofluoromethane	5.51	113	10348	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	8.72	98	33221	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
62) 4-Bromofluorobenzene	11.14	95	4936	16.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.82%	
Target Compounds						
16) Acetone	2.45	43	2305	23.283	ug/l	95
17) Carbon Disulfide	2.57	76	1239	1.663	ug/l #	85
95) Naphthalene	13.83	128	1774	8.910	ug/l	96

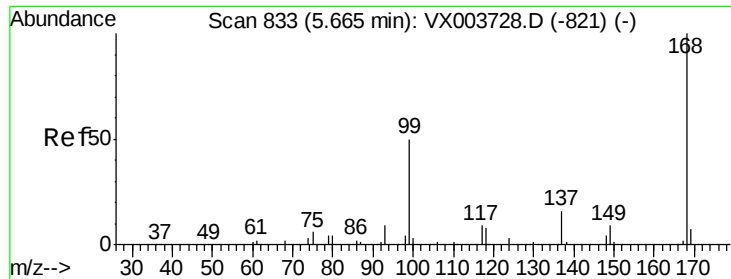
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003809.D

Acq: 01 Aug 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

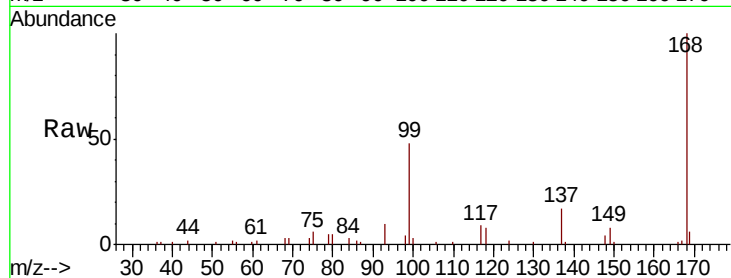
SB-7(3-5)RE

Tot Ion:168 Resp: 25626

Ion Ratio Lower Upper

168 100

99 48.0 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

10000

8000

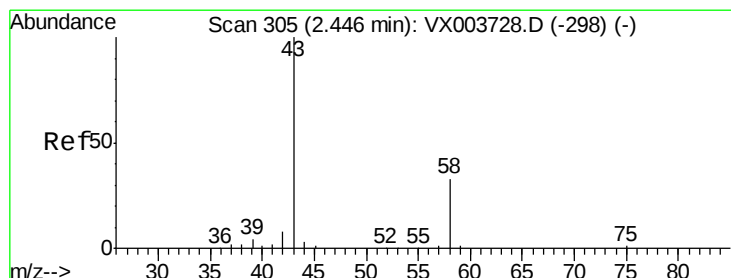
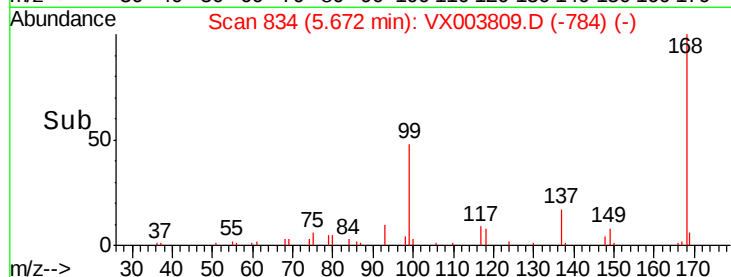
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 23.283 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003809.D

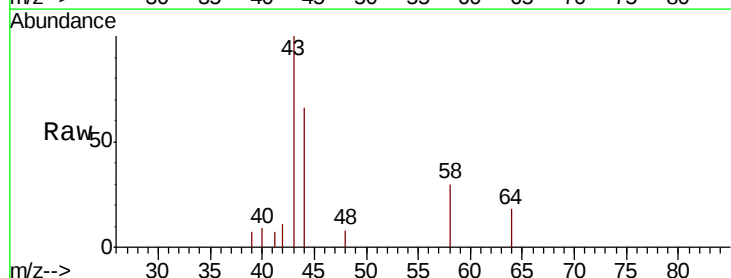
Acq: 01 Aug 2018 21:46

Tgt Ion: 43 Resp: 2305

Ion Ratio Lower Upper

43 100

58 30.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

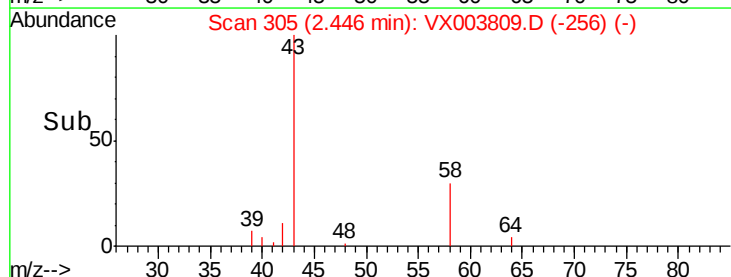
2.45

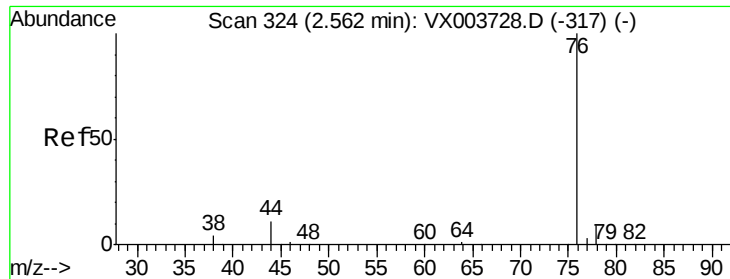
1000

500

0

Time-->

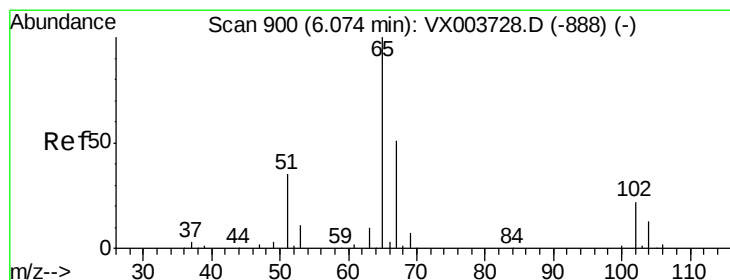
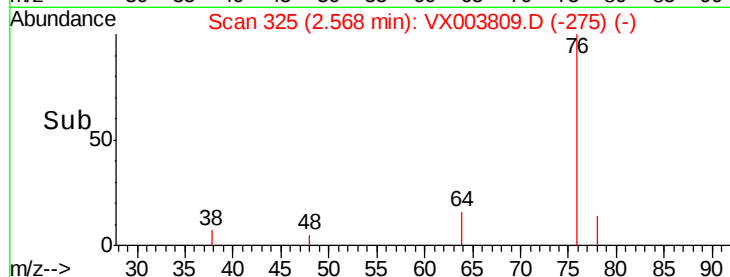
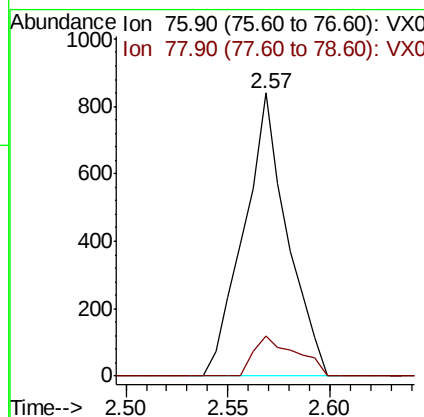
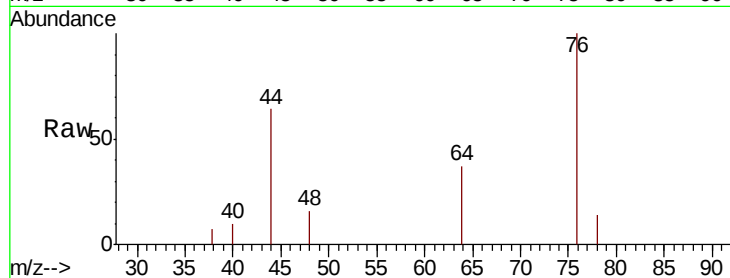




#17
Carbon Disulfide
Concen: 1.663 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003809.D
Acq: 01 Aug 2018 21:46

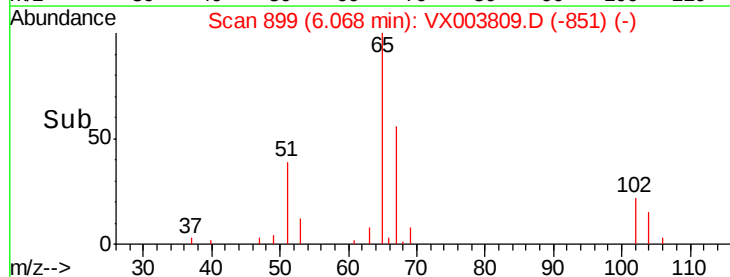
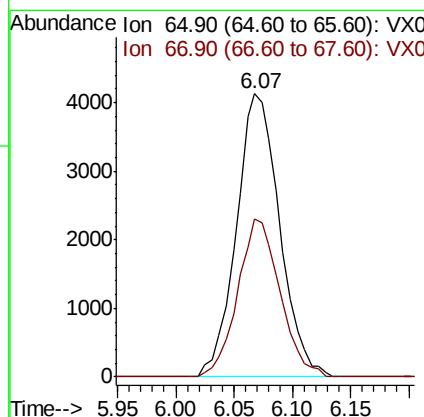
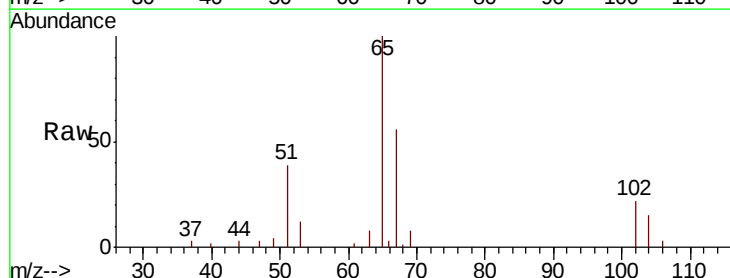
Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)RE

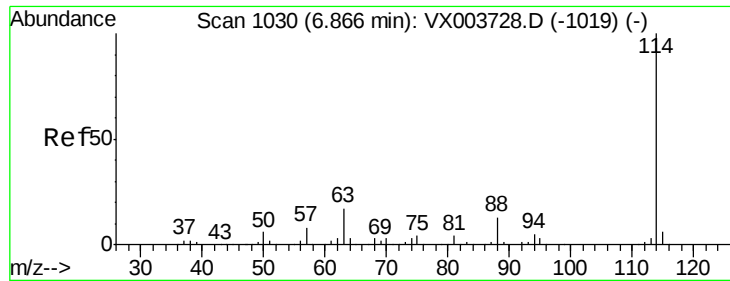
Tot Ion: 76 Resp: 1239
Ion Ratio Lower Upper
76 100
78 14.4 7.3 10.9#



#33
1,2-Dichloroethane-d4
Concen: 41.111 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX003809.D
Acq: 01 Aug 2018 21:46

Tgt Ion: 65 Resp: 10655
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.0

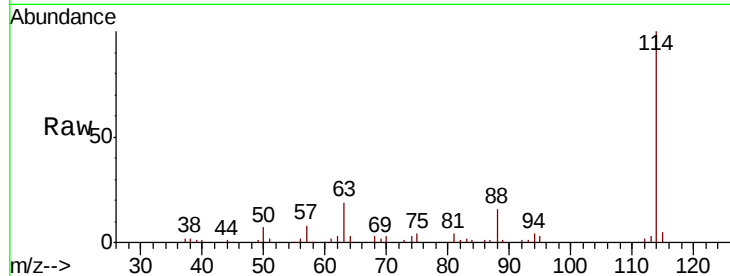




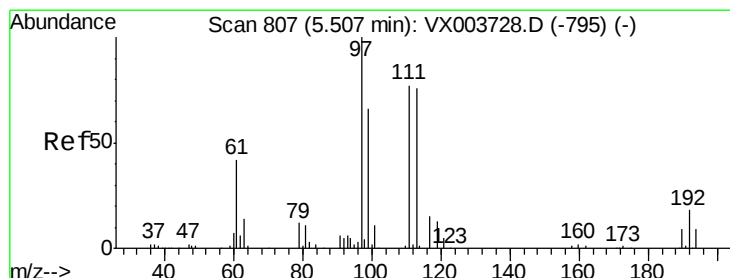
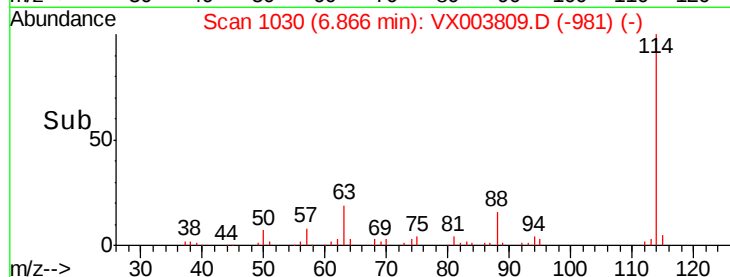
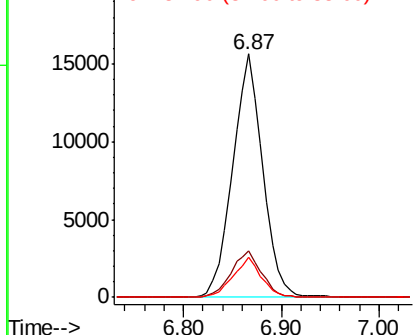
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003809.D
 Acq: 01 Aug 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7(3-5)RE

Tot Ion:114 Resp: 33238
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 34.0
 88 16.2 0.0 26.4

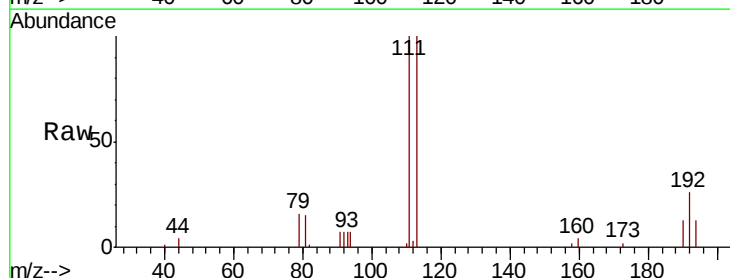


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

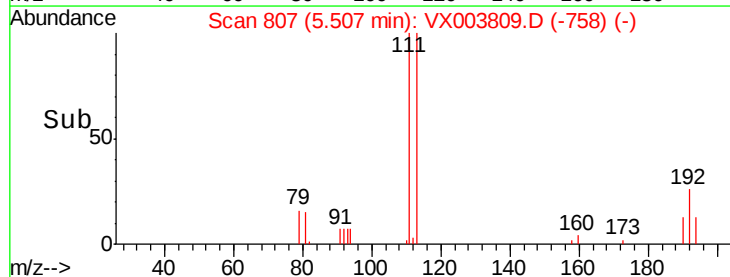
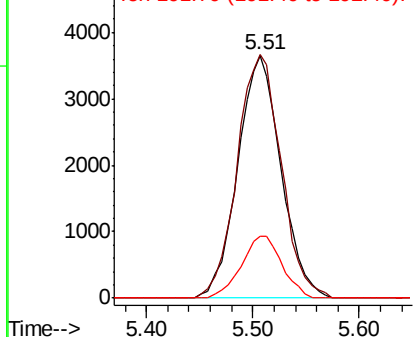


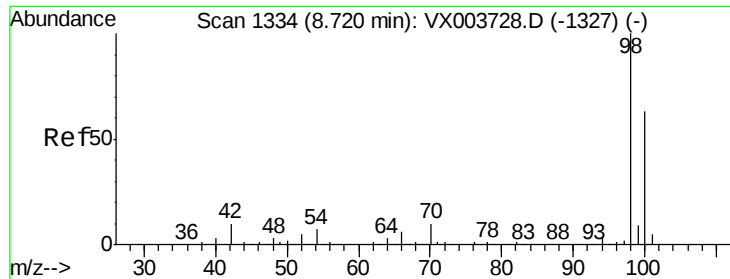
#35
 Dibromofluoromethane
 Concen: 52.873 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003809.D
 Acq: 01 Aug 2018 21:46

Tgt Ion:113 Resp: 10348
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 24.2 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: 40.712 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003809.D

Acq: 01 Aug 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

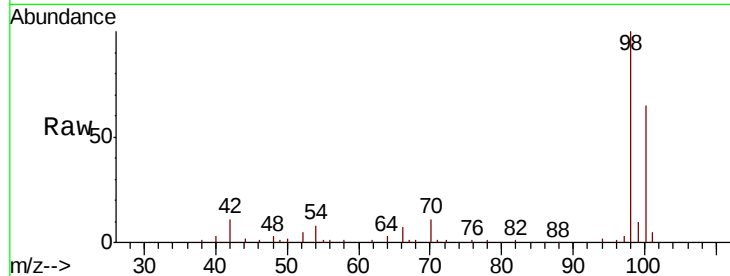
SB-7(3-5)RE

Tot Ion: 98 Resp: 33221

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

25000

20000

15000

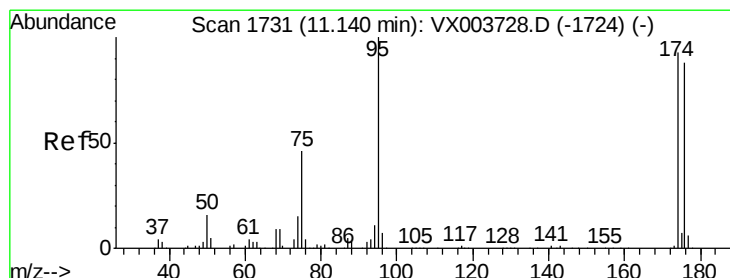
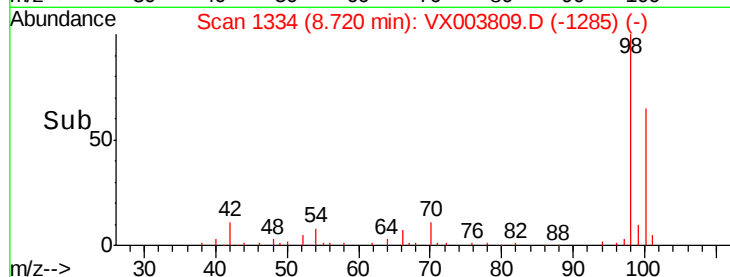
10000

5000

0

8.65 8.70 8.75 8.80 8.85

Time-->



#62

4-Bromofluorobenzene

Concen: 16.406 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003809.D

Acq: 01 Aug 2018 21:46

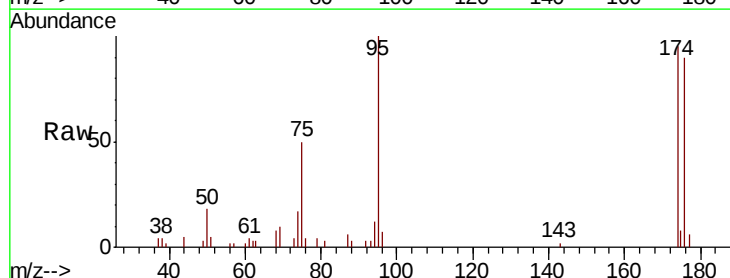
Tgt Ion: 95 Resp: 4936

Ion Ratio Lower Upper

95 100

174 96.4 0.0 186.2

176 91.9 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

5000

4000

3000

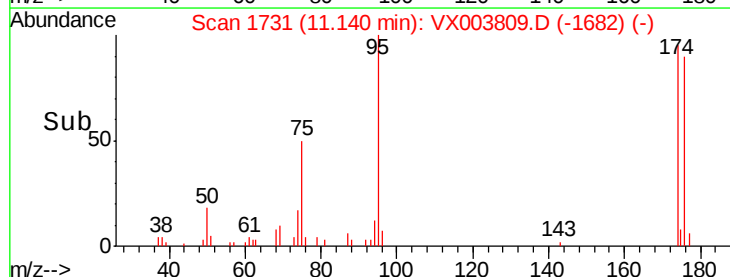
2000

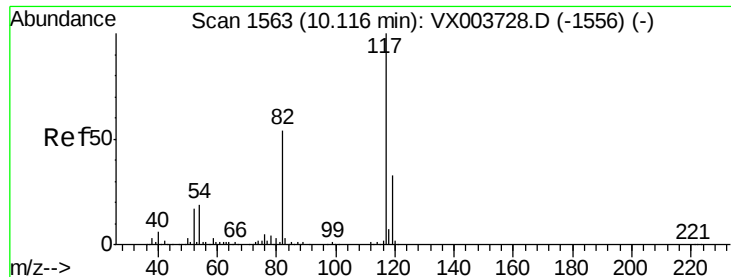
1000

0

11.10 11.15

Time-->

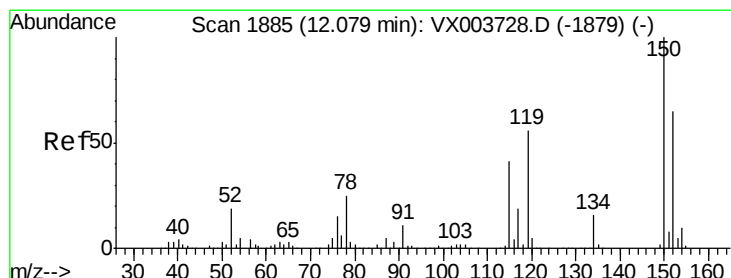
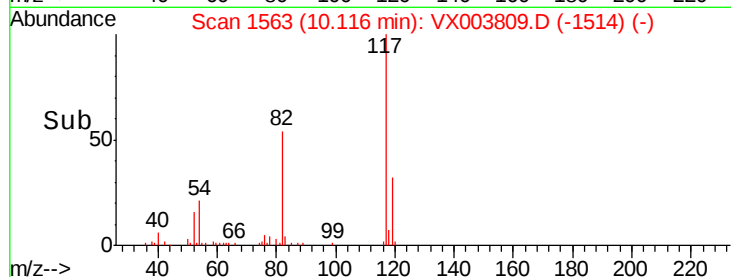
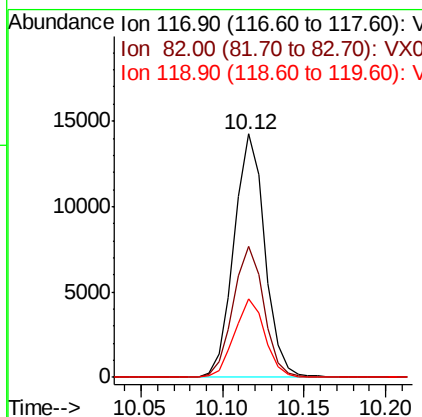
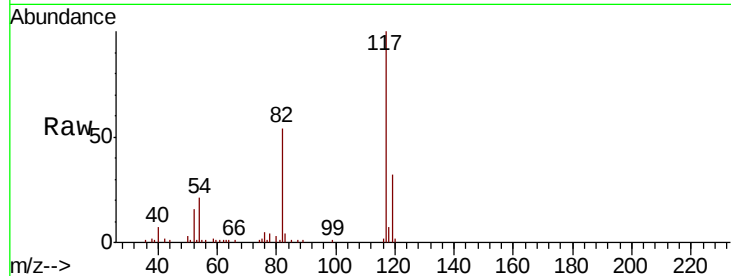




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003809.D
Acq: 01 Aug 2018 21:46

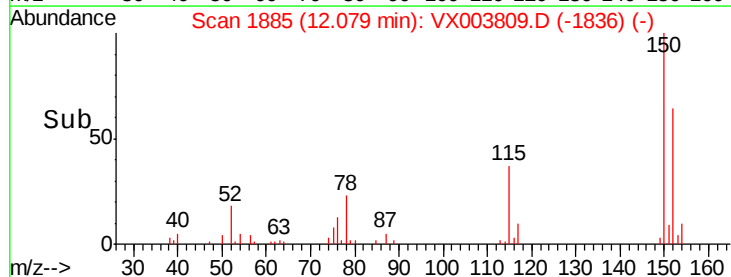
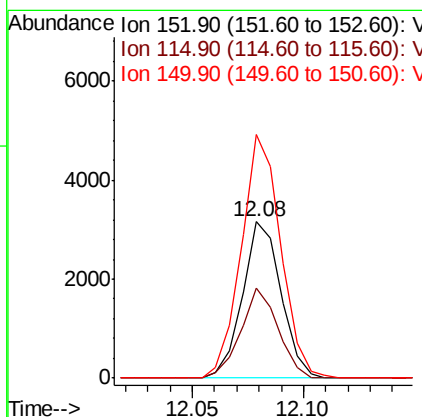
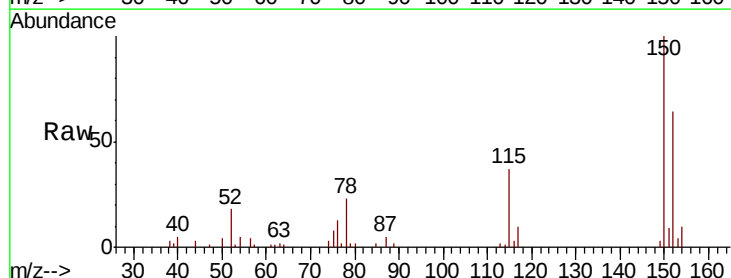
Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)RE

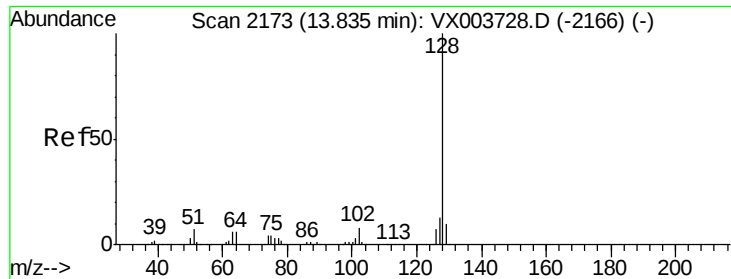
Tot Ion:117 Resp: 18739
Ion Ratio Lower Upper
117 100
82 54.0 43.2 64.8
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003809.D
Acq: 01 Aug 2018 21:46

Tgt Ion:152 Resp: 3820
Ion Ratio Lower Upper
152 100
115 55.5 38.5 115.3
150 159.1 0.0 346.2

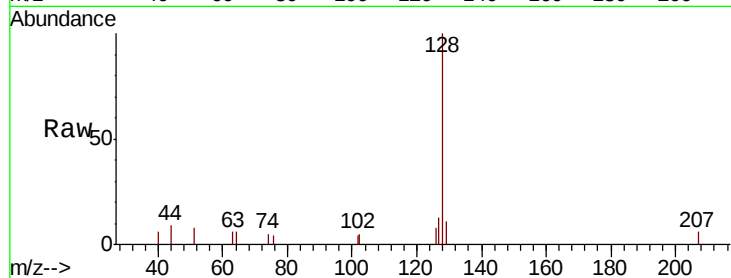




#95
Naphthalene
Concen: 8.910 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003809.D
Acq: 01 Aug 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.2
129	9.3	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

