

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003787.D
 Acq On : 01 Aug 2018 08:30
 Operator : JC/SP
 Sample : J4164-02
 Misc : 8.53G/5.0mL/MSVOA X/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)

Quant Time: Aug 01 11:41:39 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

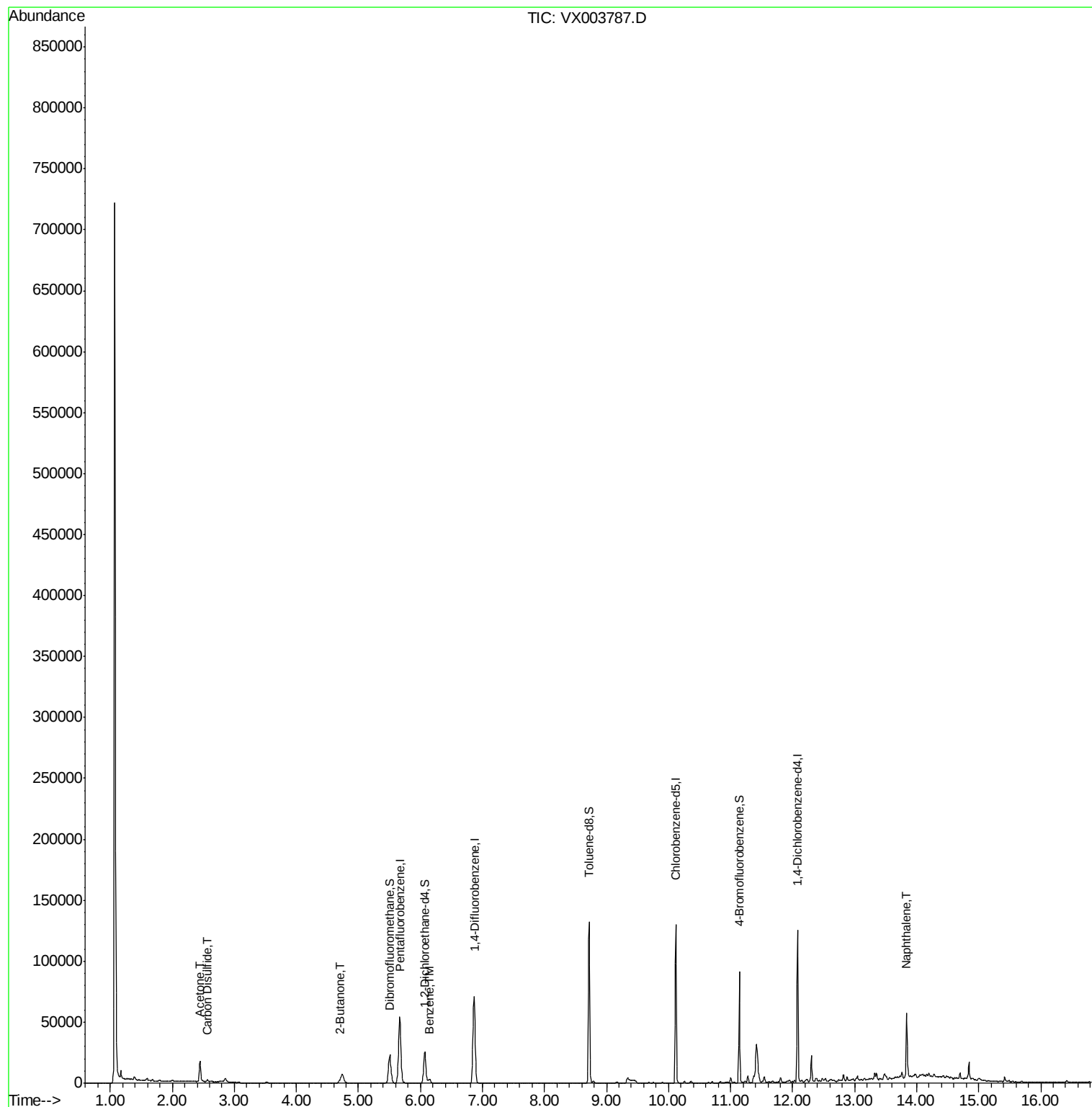
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	51489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	76869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	55220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	25707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	24680	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	5.51	113	19173	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
50) Toluene-d8	8.72	98	76300	40.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.86%	
62) 4-Bromofluorobenzene	11.14	95	22503	32.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.68%	
Target Compounds						
16) Acetone	2.45	43	17540	88.18	ug/l	96
17) Carbon Disulfide	2.57	76	1996	1.33	ug/l #	90
25) 2-Butanone	4.70	43	3922	13.53	ug/l	95
40) Benzene	6.15	78	4017	1.95	ug/l	99
95) Naphthalene	13.83	128	32827	24.50	ug/l	100

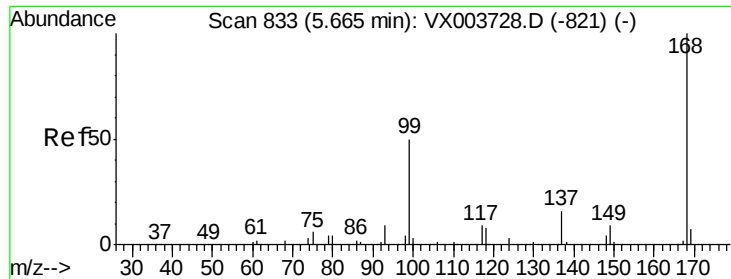
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003787.D

Acq: 01 Aug 2018 08:30

Instrument :

MSVOA_X

ClientSampled :

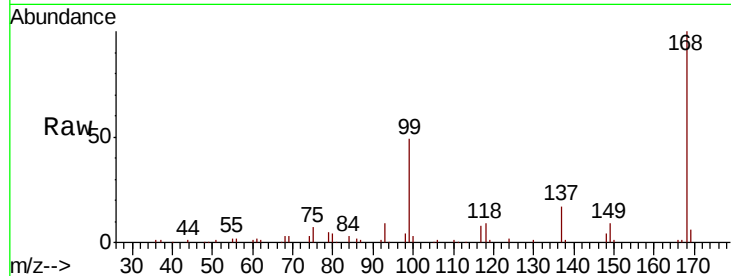
SB-6(7-9)

Tot Ion:168 Resp: 51489

Ion Ratio Lower Upper

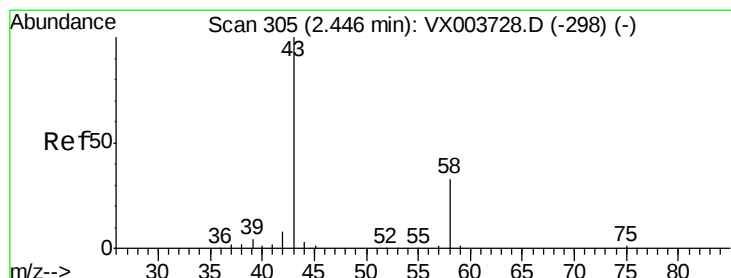
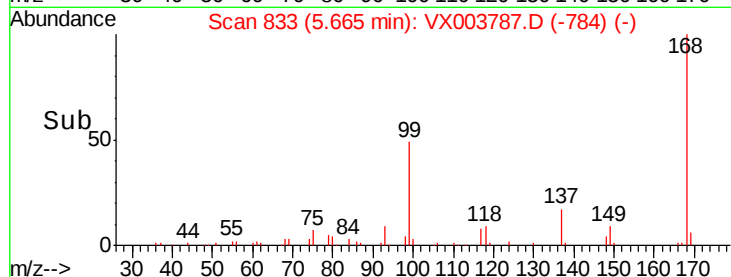
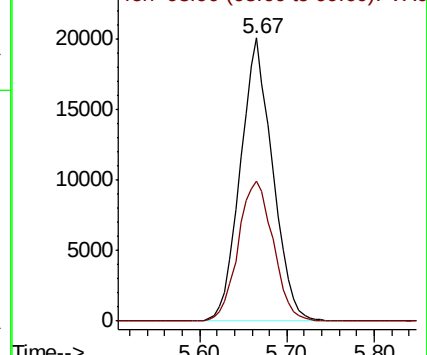
168 100

99 49.4 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: 88.18 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003787.D

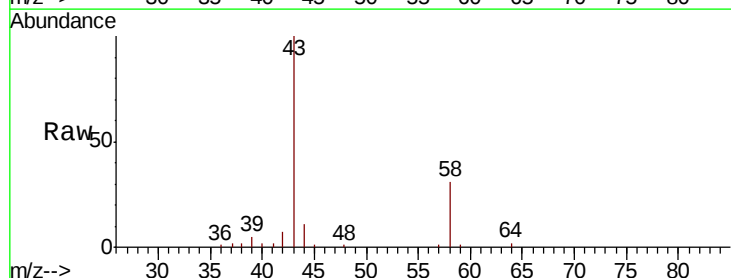
Acq: 01 Aug 2018 08:30

Tgt Ion: 43 Resp: 17540

Ion Ratio Lower Upper

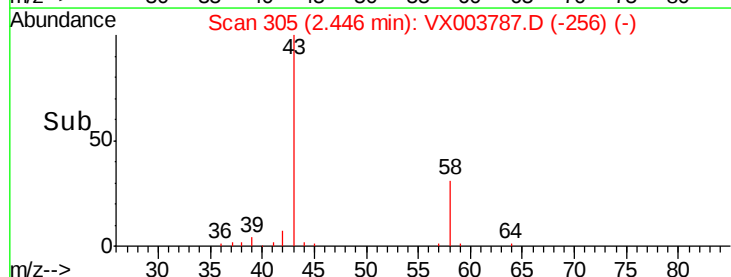
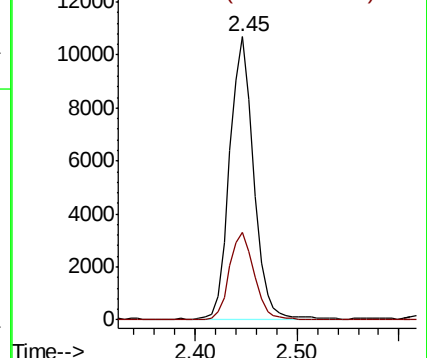
43 100

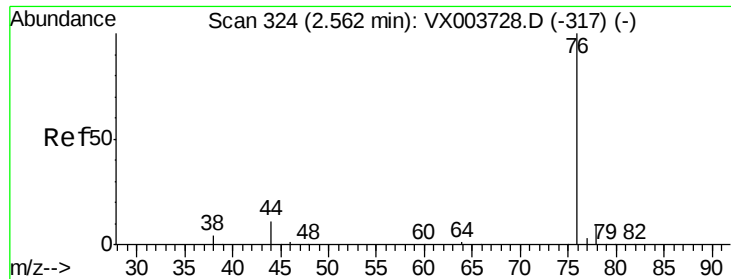
58 31.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

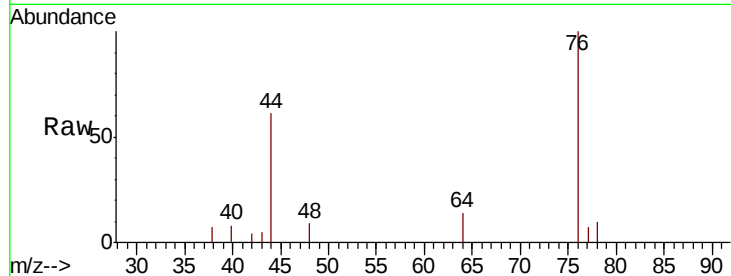




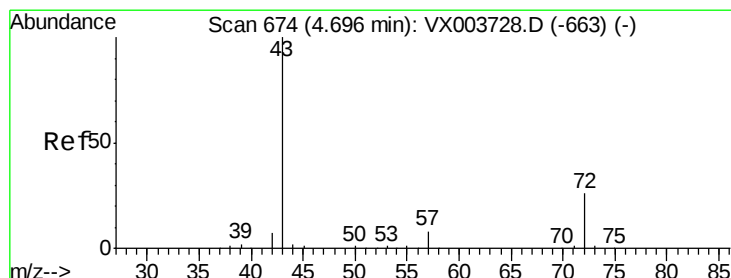
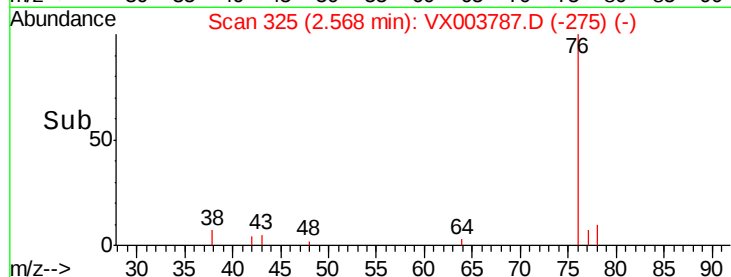
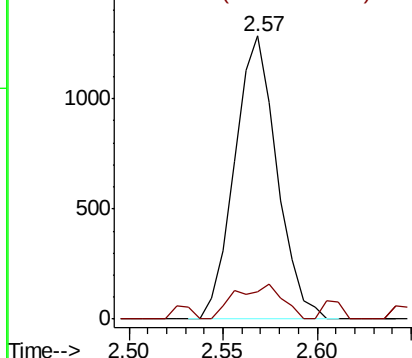
#17
Carbon Disulfide
Concen: 1.33 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003787.D
Acq: 01 Aug 2018 08:30

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)

Tot Ion: 76 Resp: 1996
Ion Ratio Lower Upper
76 100
78 5.4 7.3 10.9#

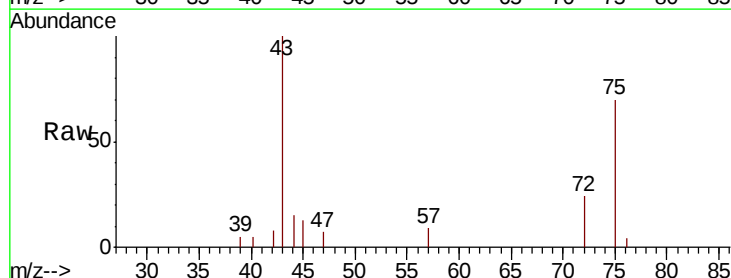


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

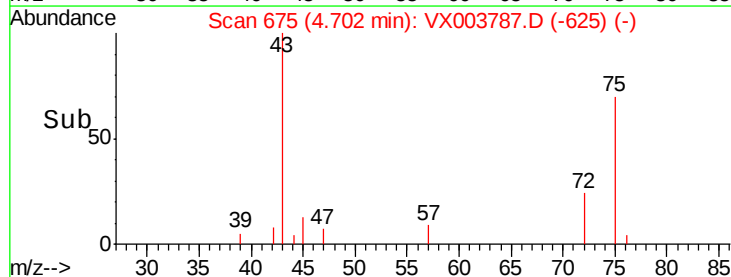
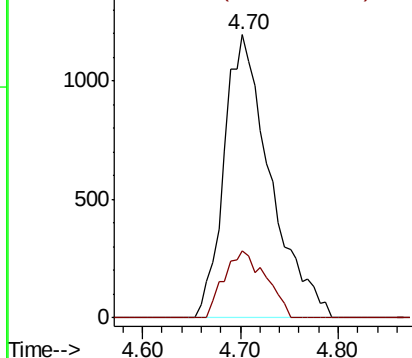


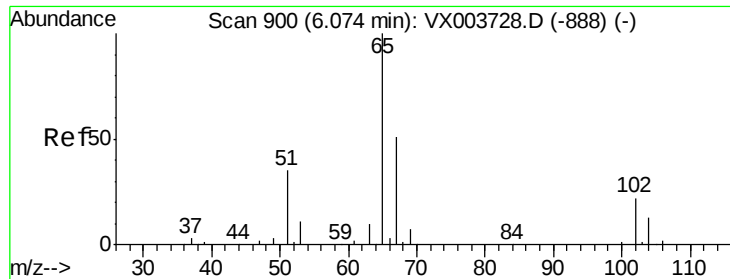
#25
2-Butanone
Concen: 13.53 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX003787.D
Acq: 01 Aug 2018 08:30

Tgt Ion: 43 Resp: 3922
Ion Ratio Lower Upper
43 100
72 23.7 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: 47.39 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003787.D

Acq: 01 Aug 2018 08:30

Instrument :

MSVOA_X

ClientSampled :

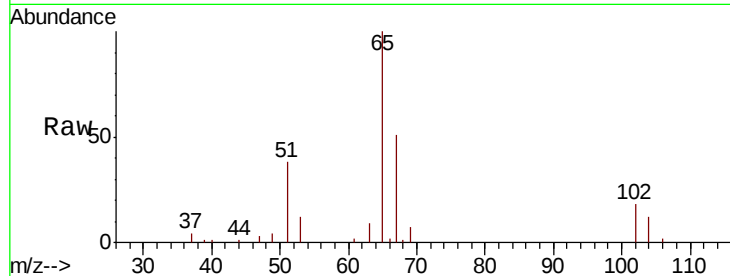
SB-6(7-9)

Tot Ion: 65 Resp: 24680

Ion Ratio Lower Upper

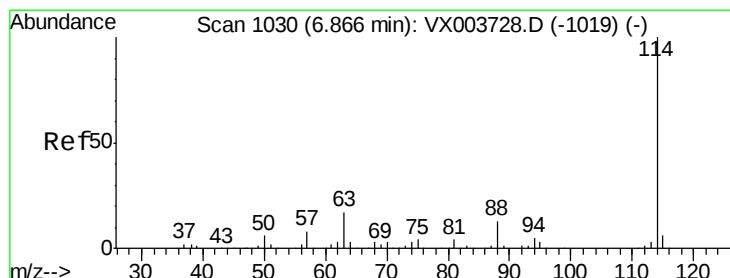
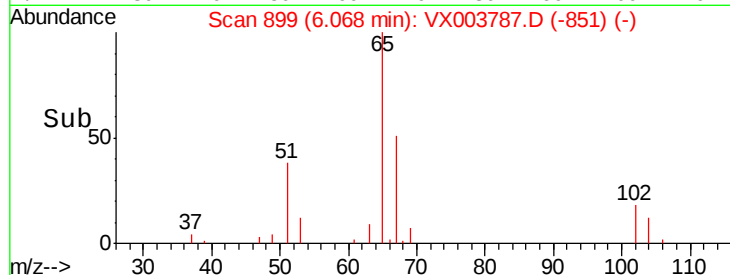
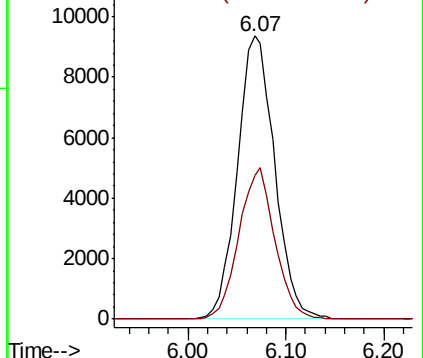
65 100

67 51.6 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: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX003787.D

Acq: 01 Aug 2018 08:30

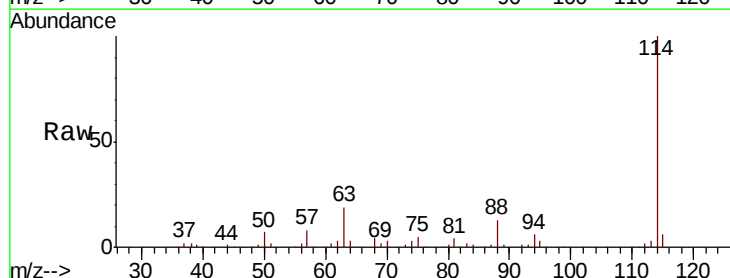
Tgt Ion: 114 Resp: 76869

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.0

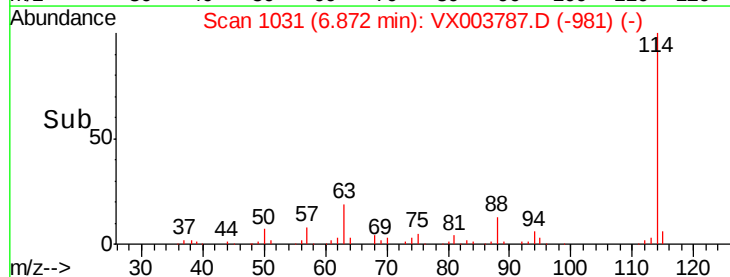
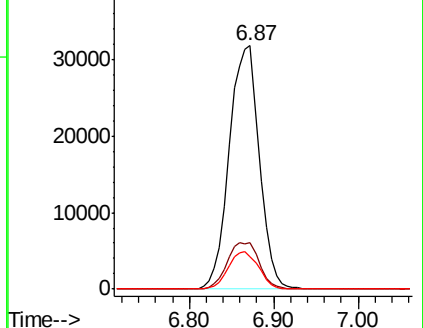
88 13.3 0.0 26.4

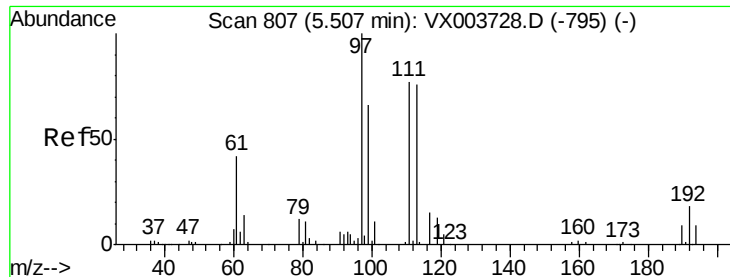


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003787.D

Acq: 01 Aug 2018 08:30

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)

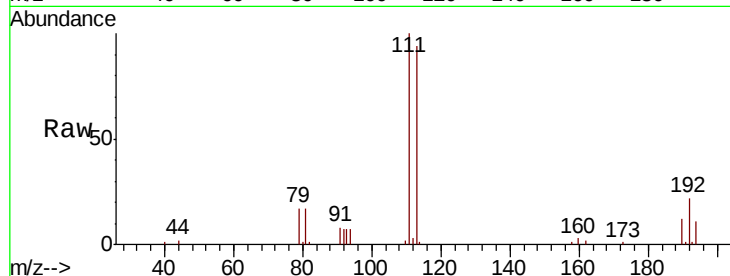
Tot Ion:113 Resp: 19173

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

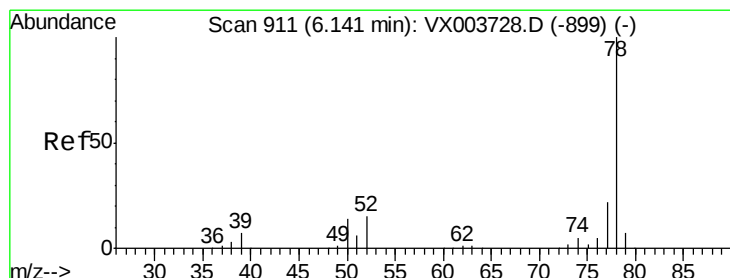
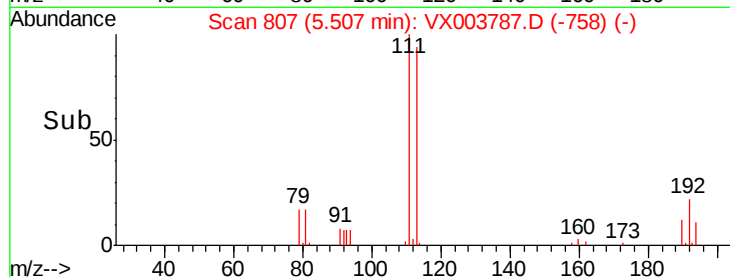
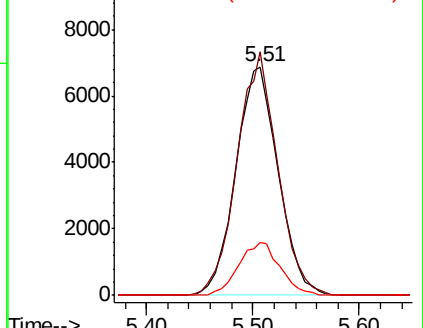
192 22.4 18.8 28.2



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



#40

Benzene

Concen: 1.95 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003787.D

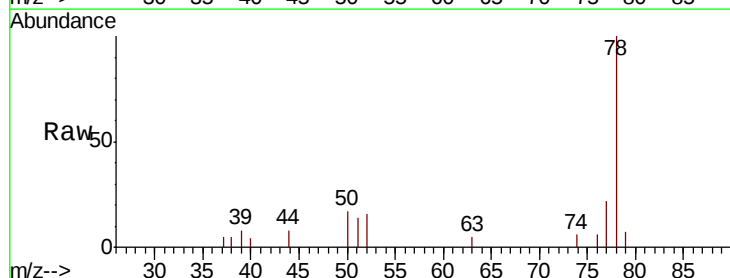
Acq: 01 Aug 2018 08:30

Tgt Ion: 78 Resp: 4017

Ion Ratio Lower Upper

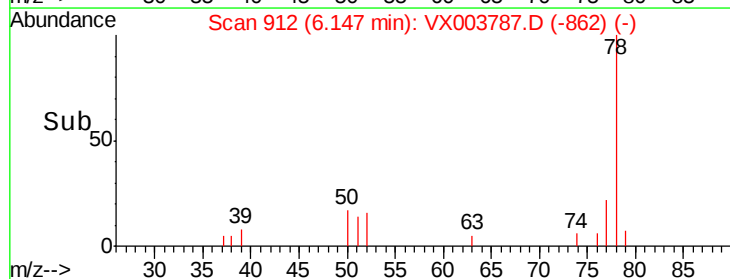
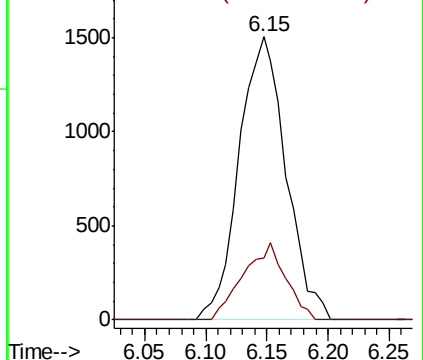
78 100

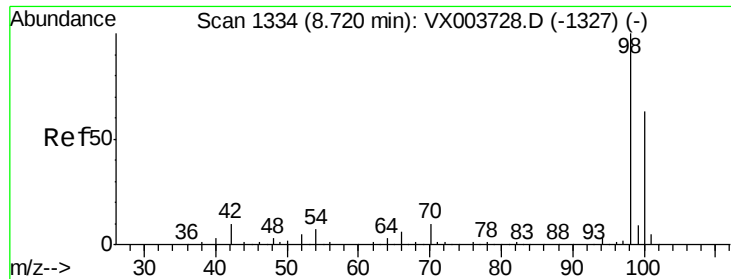
77 21.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 40.43 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003787.D

Acq: 01 Aug 2018 08:30

Instrument :

MSVOA_X

ClientSampleId :

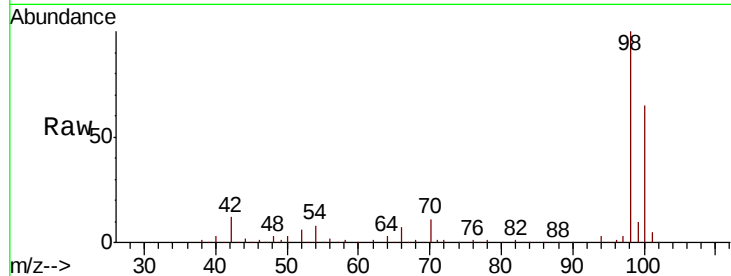
SB-6(7-9)

Tot Ion: 98 Resp: 76300

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

50000

40000

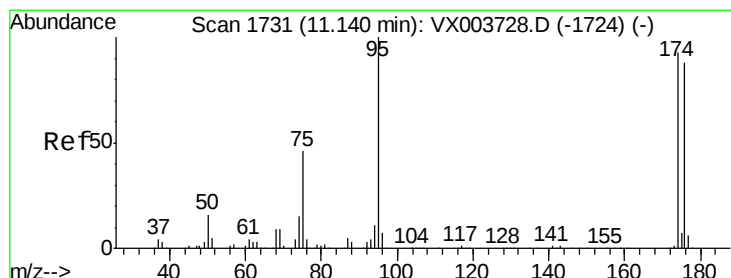
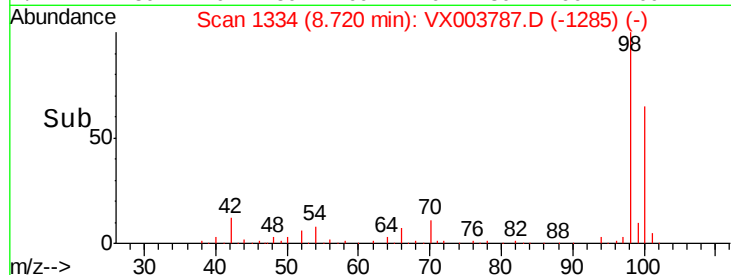
30000

20000

10000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 32.34 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003787.D

Acq: 01 Aug 2018 08:30

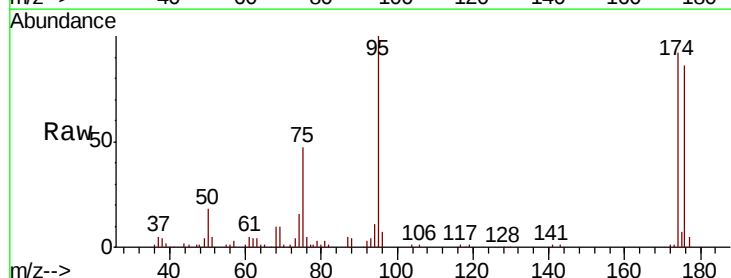
Tgt Ion: 95 Resp: 22503

Ion Ratio Lower Upper

95 100

174 89.8 0.0 186.2

176 87.0 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

11.14

25000

20000

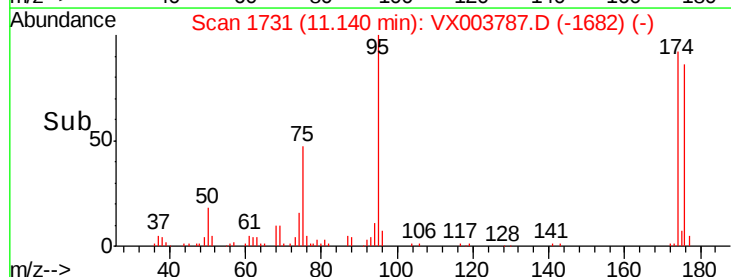
15000

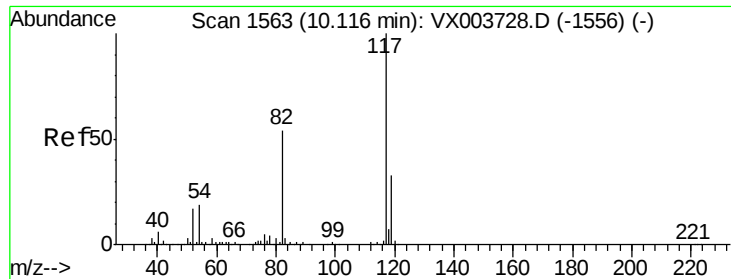
10000

5000

0

Time--> 11.10 11.15 11.20

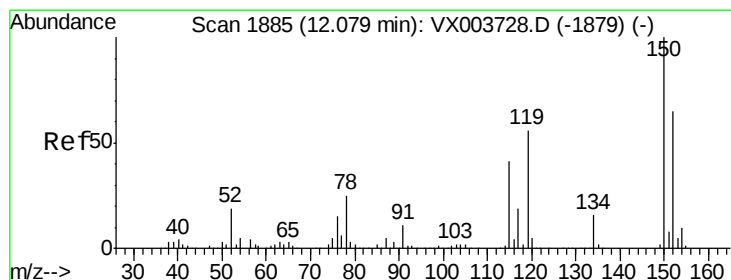
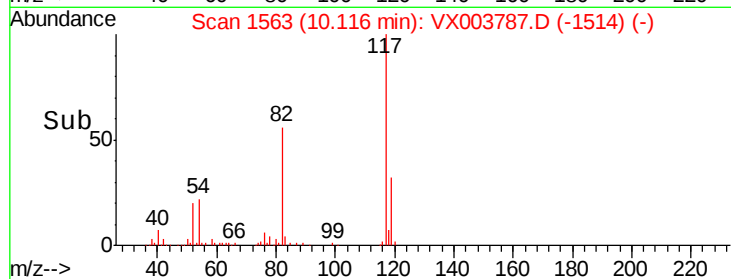
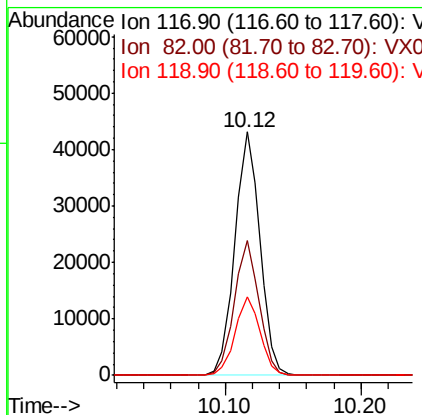
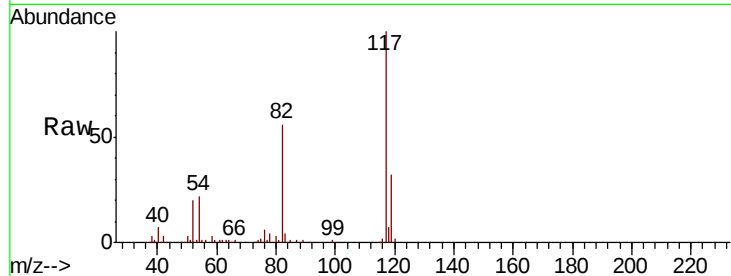




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003787.D
Acq: 01 Aug 2018 08:30

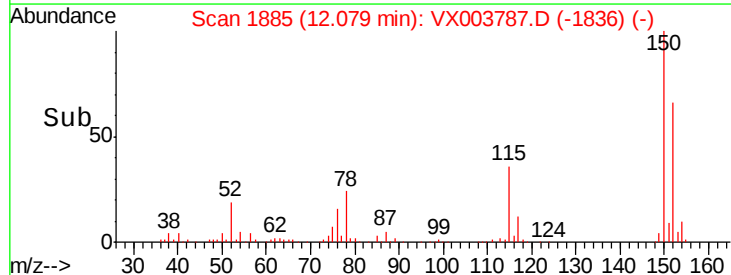
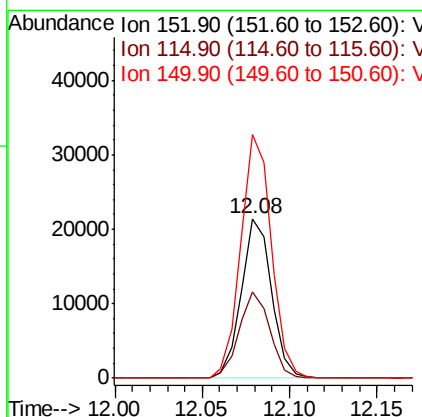
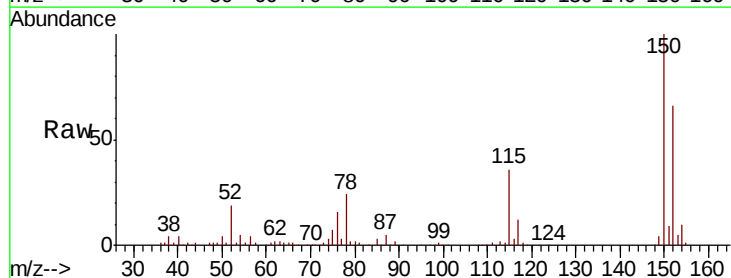
Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)

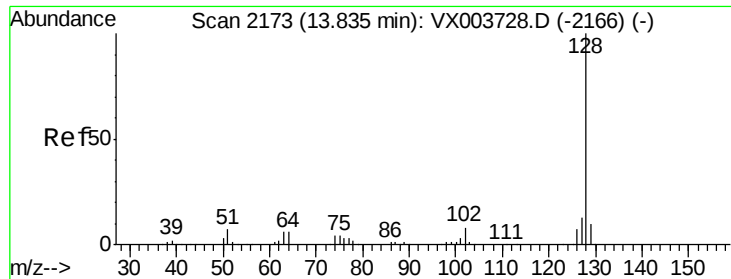
Tot Ion:117 Resp: 55220
Ion Ratio Lower Upper
117 100
82 55.5 43.2 64.8
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003787.D
Acq: 01 Aug 2018 08:30

Tgt Ion:152 Resp: 25707
Ion Ratio Lower Upper
152 100
115 55.1 38.5 115.3
150 154.8 0.0 346.2





#95

Naphthalene

Concen: 24.50 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003787.D

Acq: 01 Aug 2018 08:30

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)

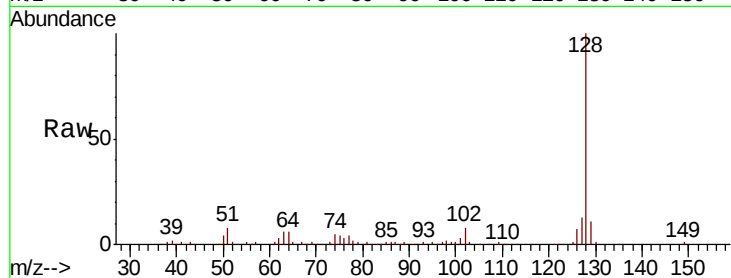
Tot Ion:128 Resp: 32827

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 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

