

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003751.D
 Acq On : 31 Jul 2018 15:44
 Operator : JC/SP
 Sample : J4121-02
 Misc : 7.56G/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9(13-15)

Quant Time: Aug 01 01:38:05 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

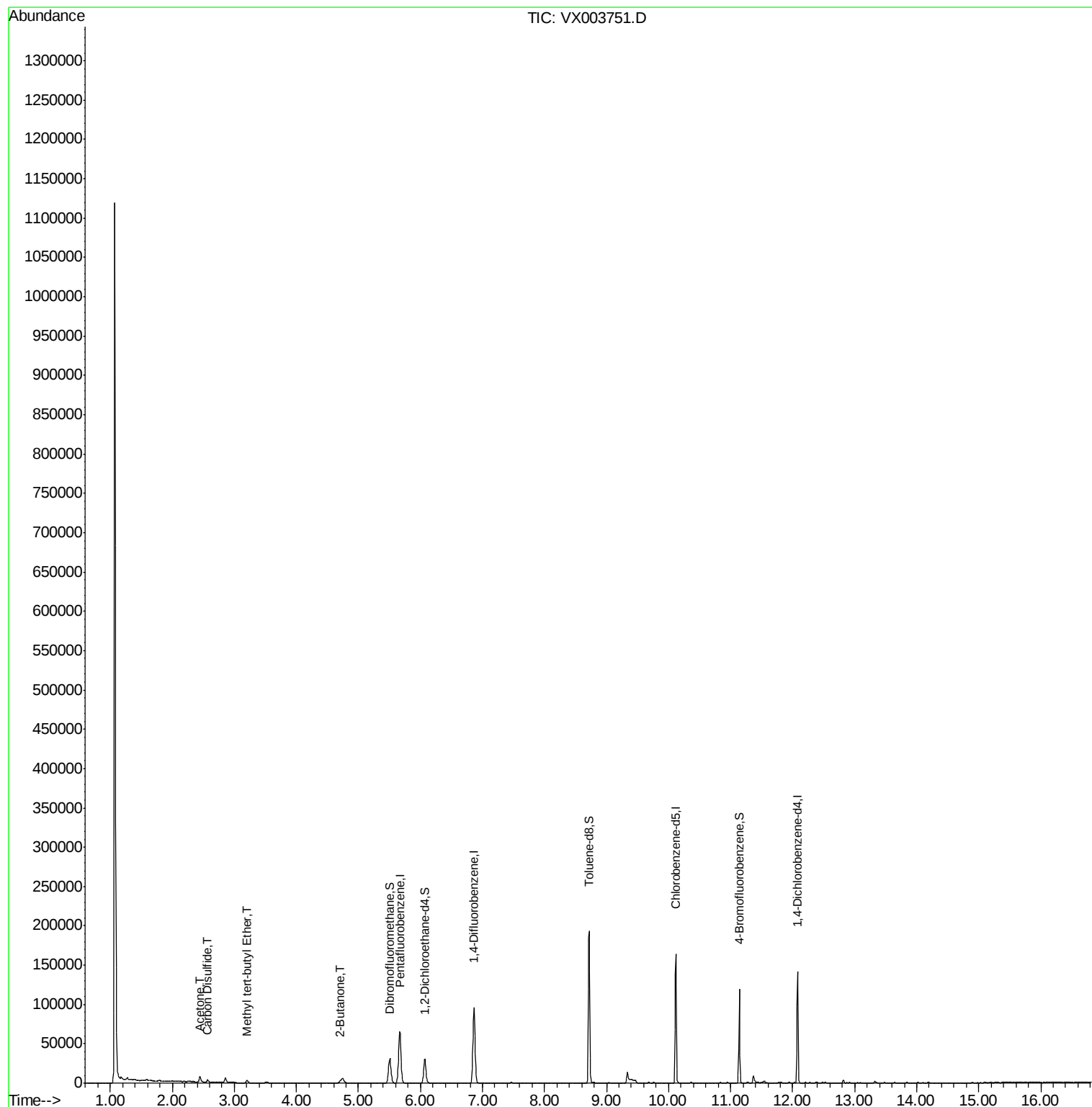
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	64497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	95043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	73673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	29361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	28986	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
35) Dibromofluoromethane	5.51	113	27336	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.72	98	118115	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	29525	34.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.64%	
Target Compounds						
16) Acetone	2.45	43	7725	31.00	ug/l	Qvalue 94
17) Carbon Disulfide	2.57	76	3277	1.75	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	3248	2.07	ug/l	96
25) 2-Butanone	4.70	43	2822	7.77	ug/l #	88

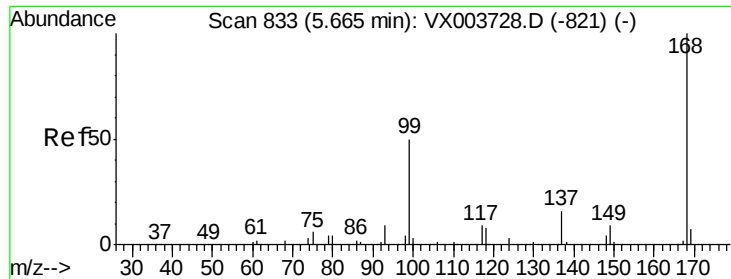
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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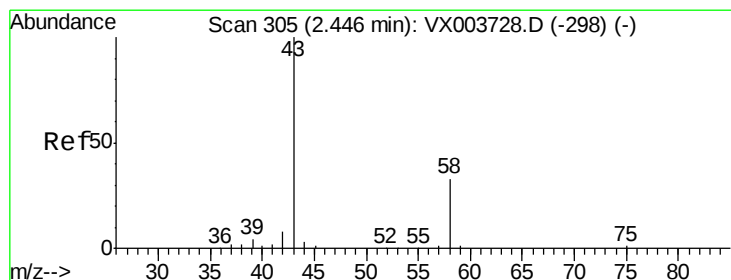
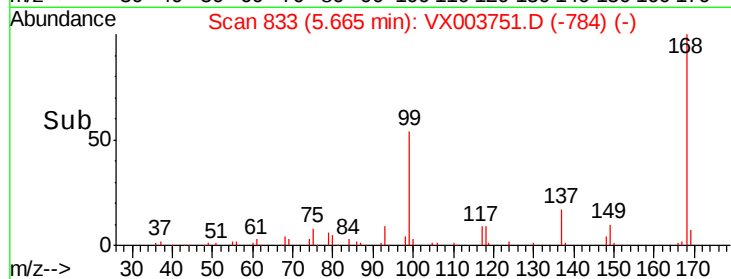
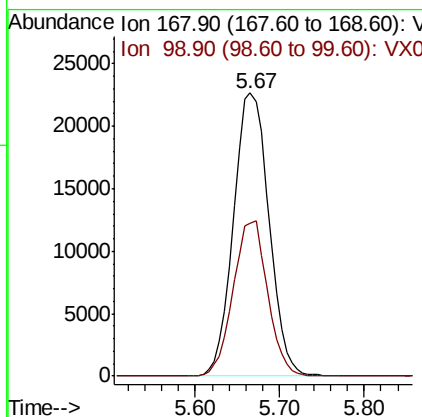
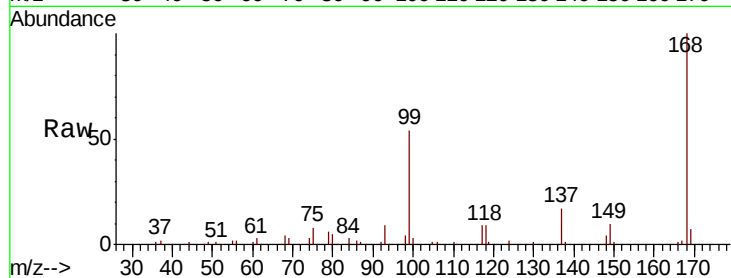




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003751.D
Acq: 31 Jul 2018 15:44

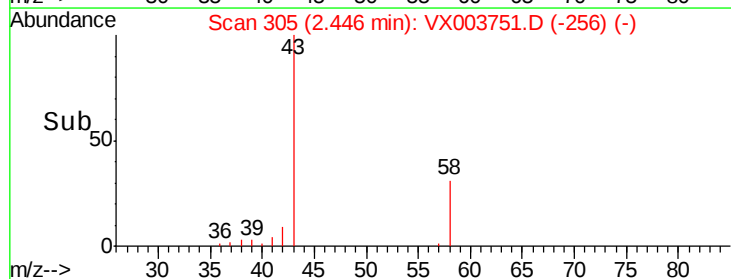
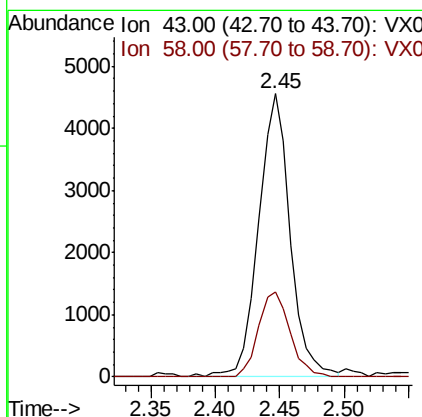
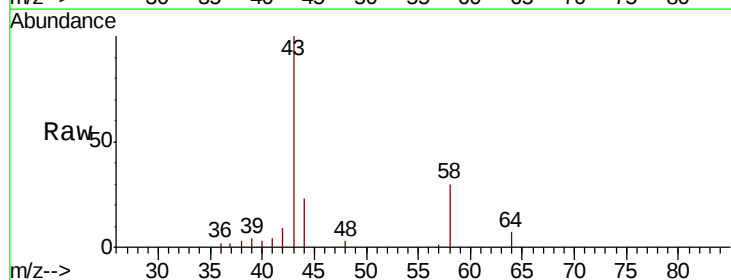
Instrument :
MSVOA_X
ClientSampleID :
SB-9(13-15)

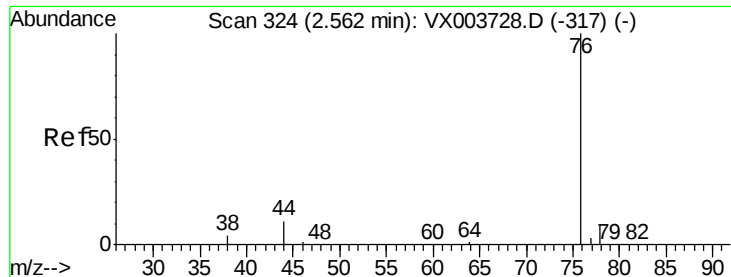
Tot Ion:168 Resp: 64497
Ion Ratio Lower Upper
168 100
99 53.8 40.2 60.2



#16
Acetone
Concen: 31.00 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003751.D
Acq: 31 Jul 2018 15:44

Tgt Ion: 43 Resp: 7725
Ion Ratio Lower Upper
43 100
58 30.0 26.7 40.1





#17

Carbon Disulfide

Concen: 1.75 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003751.D

Acq: 31 Jul 2018 15:44

Instrument :

MSVOA_X

ClientSampleId :

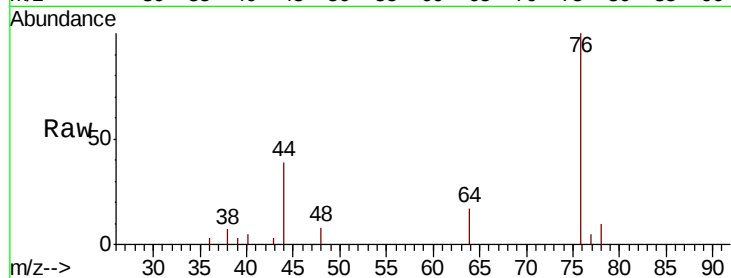
SB-9(13-15)

Tot Ion: 76 Resp: 3277

Ion Ratio Lower Upper

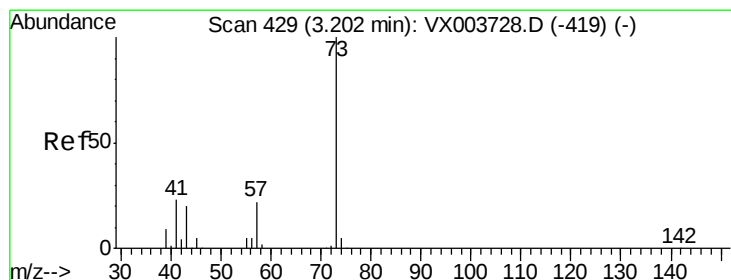
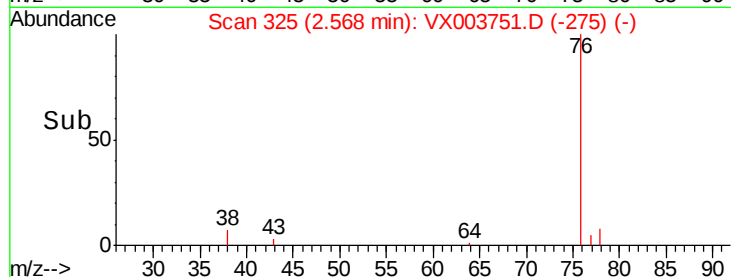
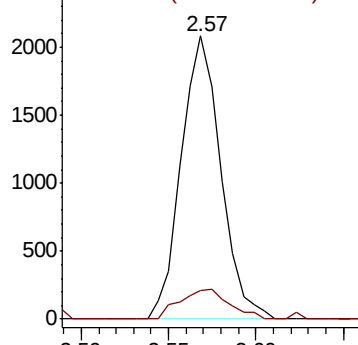
76 100

78 10.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 2.07 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.01 min

Lab File: VX003751.D

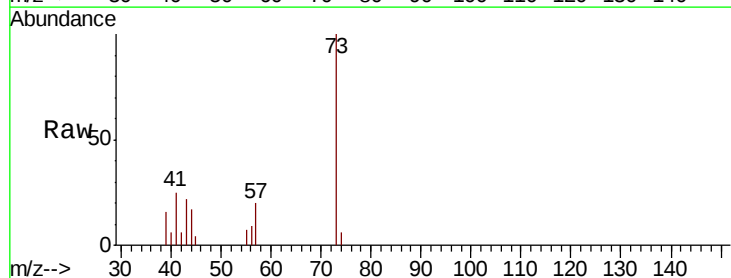
Acq: 31 Jul 2018 15:44

Tgt Ion: 73 Resp: 3248

Ion Ratio Lower Upper

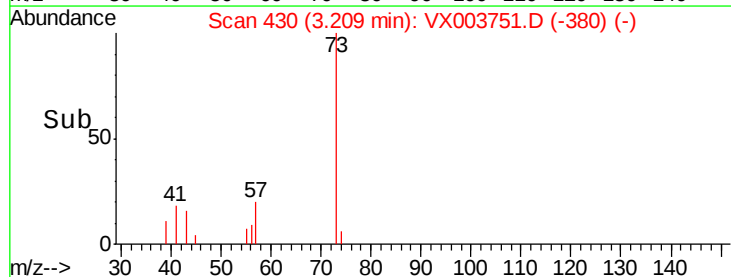
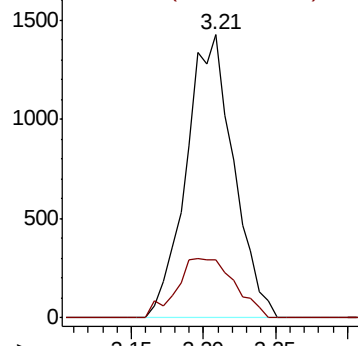
73 100

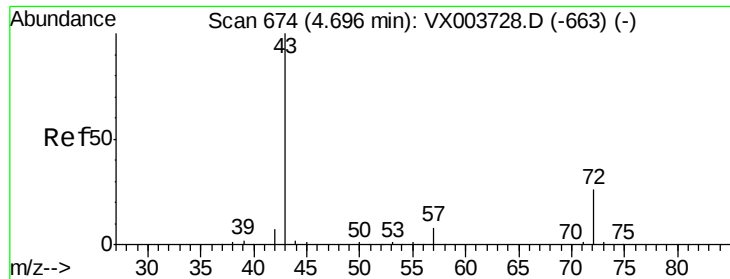
57 20.5 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#25

2-Butanone

Concen: 7.77 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003751.D

Acq: 31 Jul 2018 15:44

Instrument :

MSVOA_X

ClientSampleId :

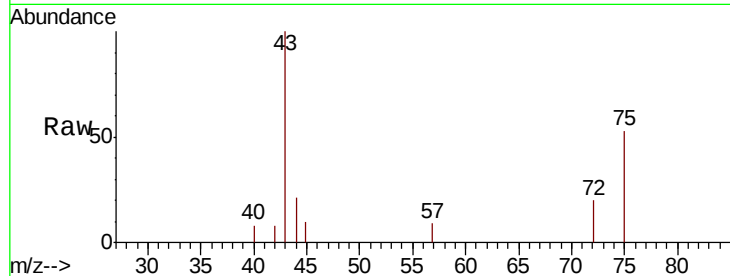
SB-9(13-15)

Tot Ion: 43 Resp: 2822

Ion Ratio Lower Upper

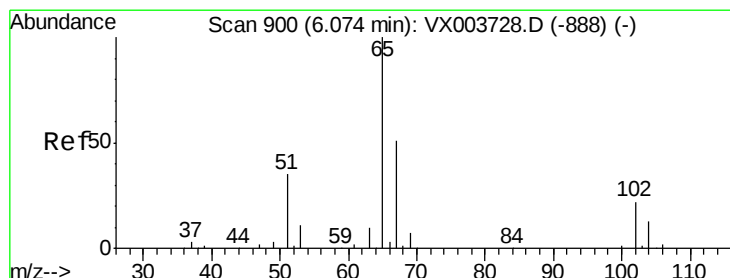
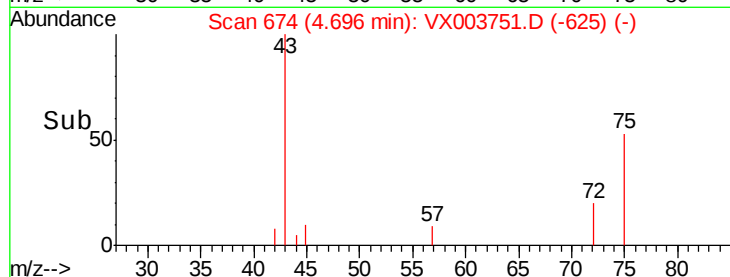
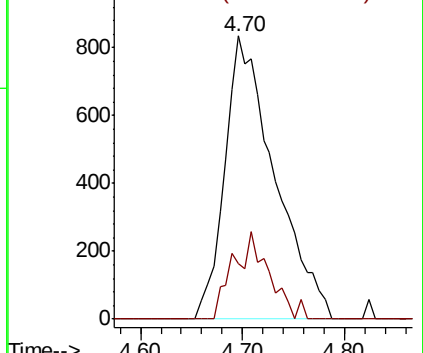
43 100

72 19.8 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: 44.44 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003751.D

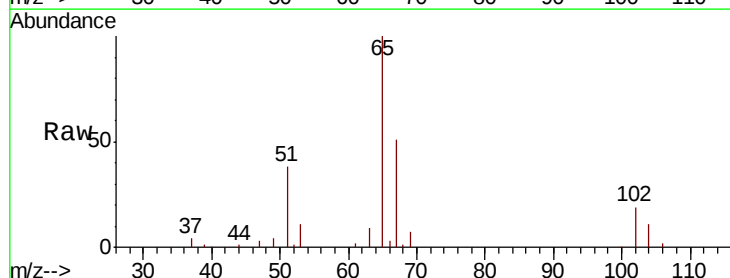
Acq: 31 Jul 2018 15:44

Tgt Ion: 65 Resp: 28986

Ion Ratio Lower Upper

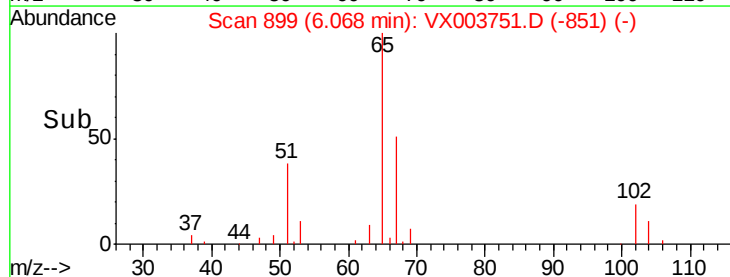
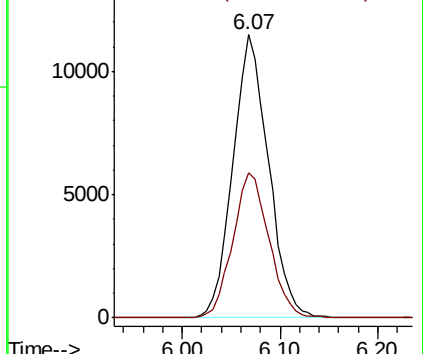
65 100

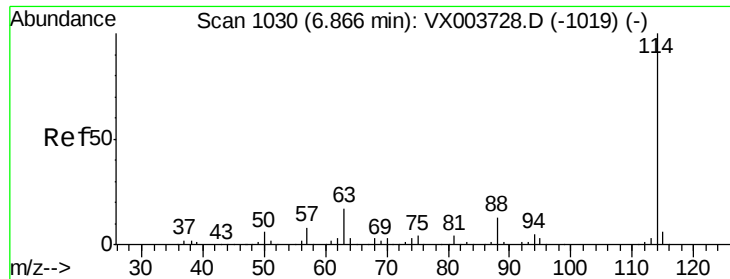
67 52.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

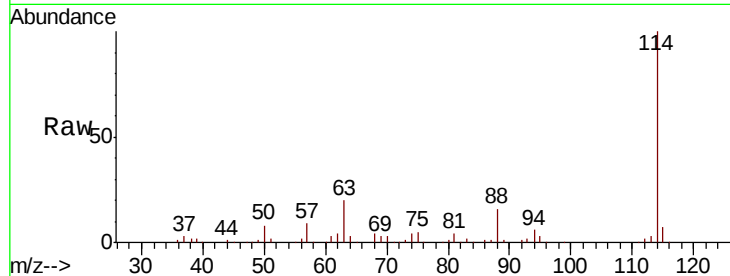




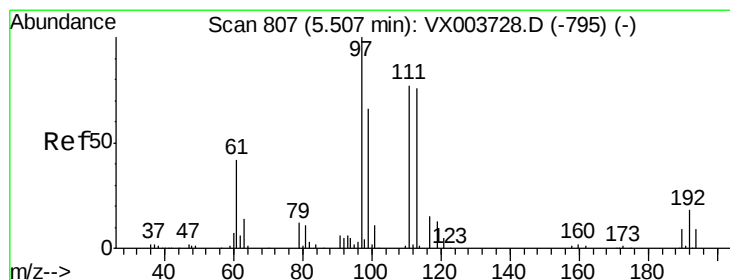
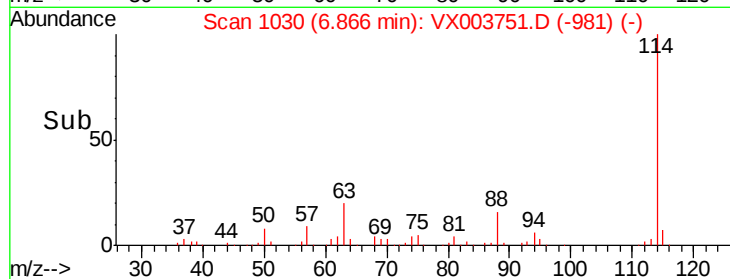
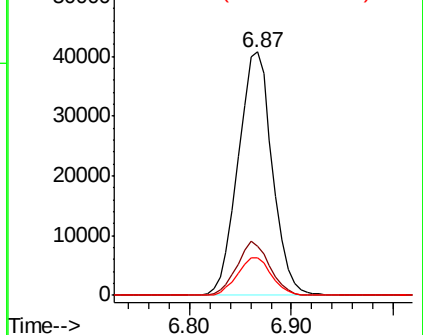
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003751.D
 Acq: 31 Jul 2018 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9(13-15)

Tot Ion:114 Resp: 95043
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 34.0
 88 15.7 0.0 26.4

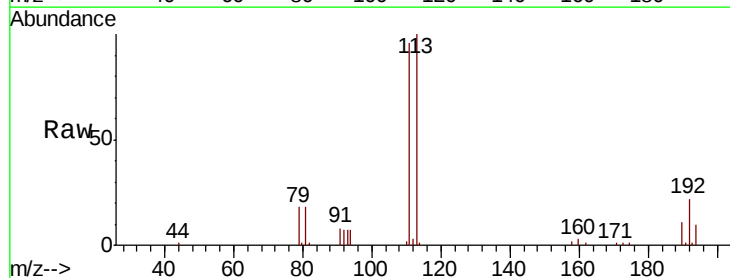


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

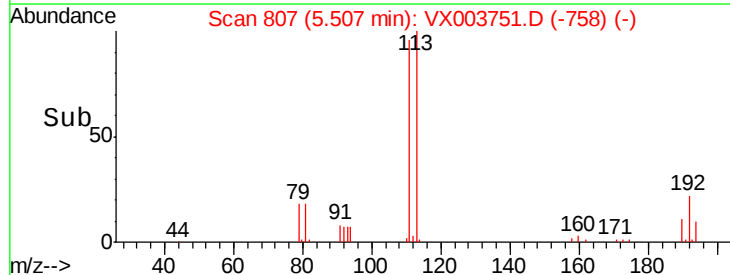
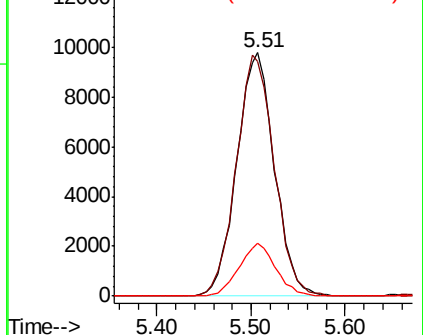


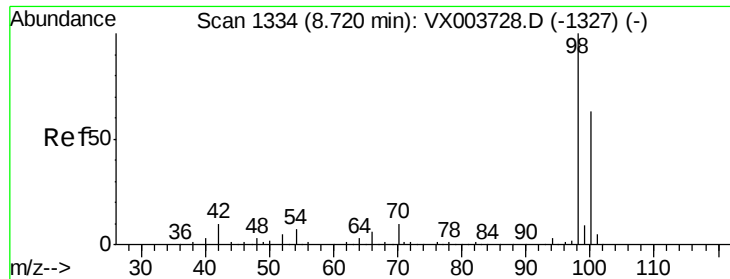
#35
 Dibromofluoromethane
 Concen: 48.85 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003751.D
 Acq: 31 Jul 2018 15:44

Tgt Ion:113 Resp: 27336
 Ion Ratio Lower Upper
 113 100
 111 99.6 81.8 122.6
 192 21.1 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

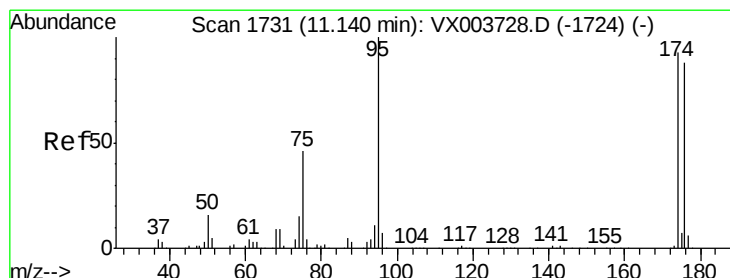
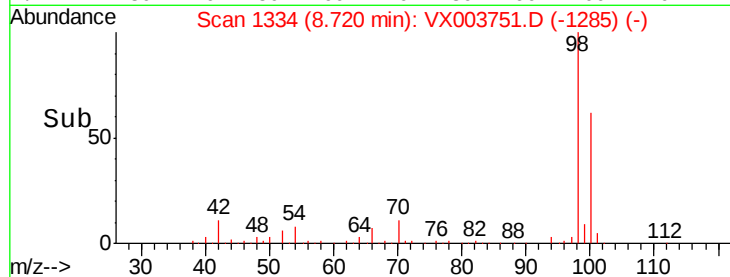
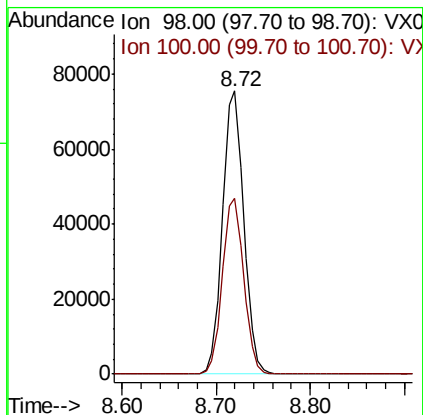
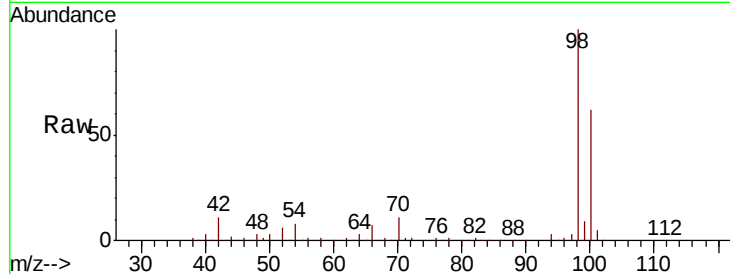




#50
Toluene-d8
Concen: 50.62 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003751.D
Acq: 31 Jul 2018 15:44

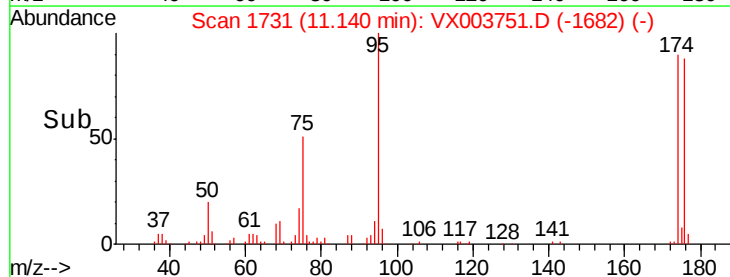
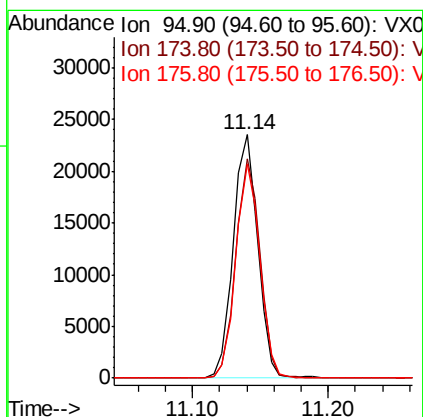
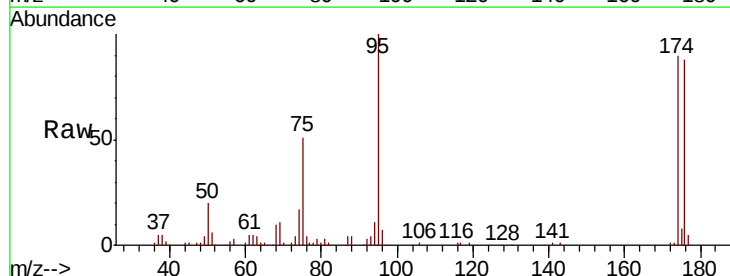
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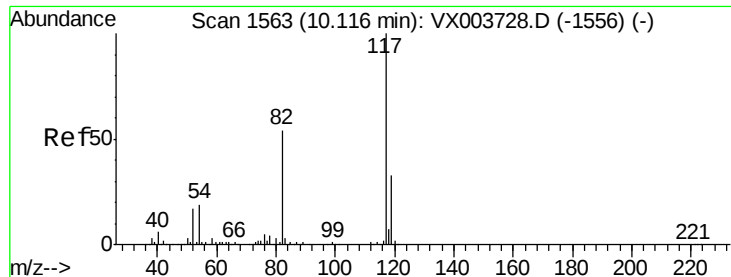
Tot Ion: 98 Resp: 118115
Ion Ratio Lower Upper
98 100
100 62.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 34.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003751.D
Acq: 31 Jul 2018 15:44

Tgt Ion: 95 Resp: 29525
Ion Ratio Lower Upper
95 100
174 88.7 0.0 186.2
176 86.5 0.0 179.2

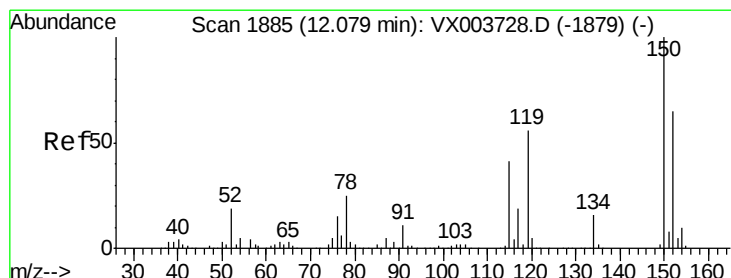
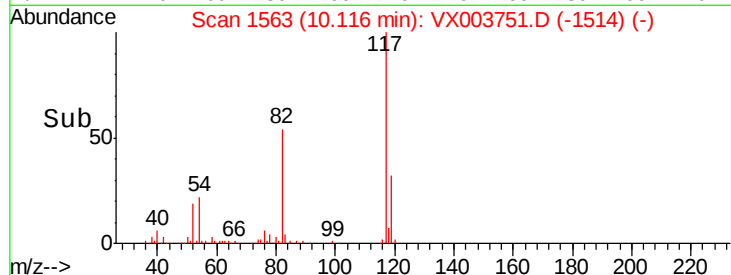
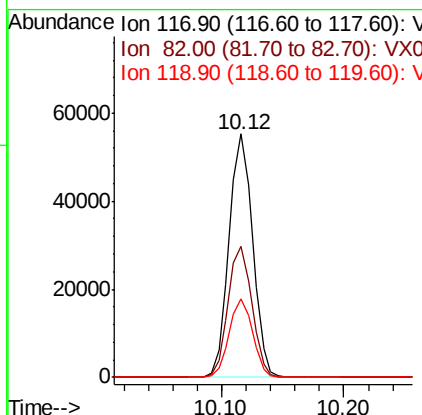
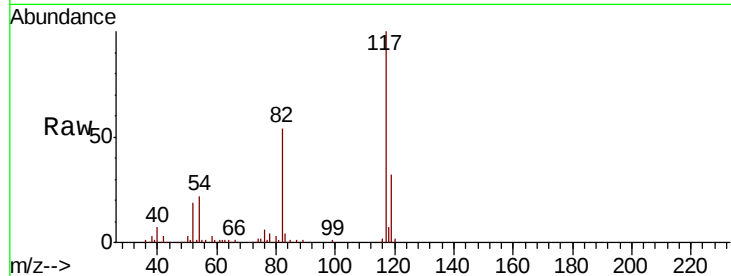




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003751.D
Acq: 31 Jul 2018 15:44

Instrument :
MSVOA_X
ClientSampled :
SB-9(13-15)

Tot Ion:117 Resp: 73673
Ion Ratio Lower Upper
117 100
82 54.0 43.2 64.8
119 32.1 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: VX003751.D
Acq: 31 Jul 2018 15:44

Tgt Ion:152 Resp: 29361
Ion Ratio Lower Upper
152 100
115 55.8 38.5 115.3
150 157.6 0.0 346.2

