

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100418\
 Data File : VX005001.D
 Acq On : 04 Oct 2018 06:28
 Operator : JC/MD
 Sample : J5135-14DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337DL

Quant Time: Oct 09 07:31:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

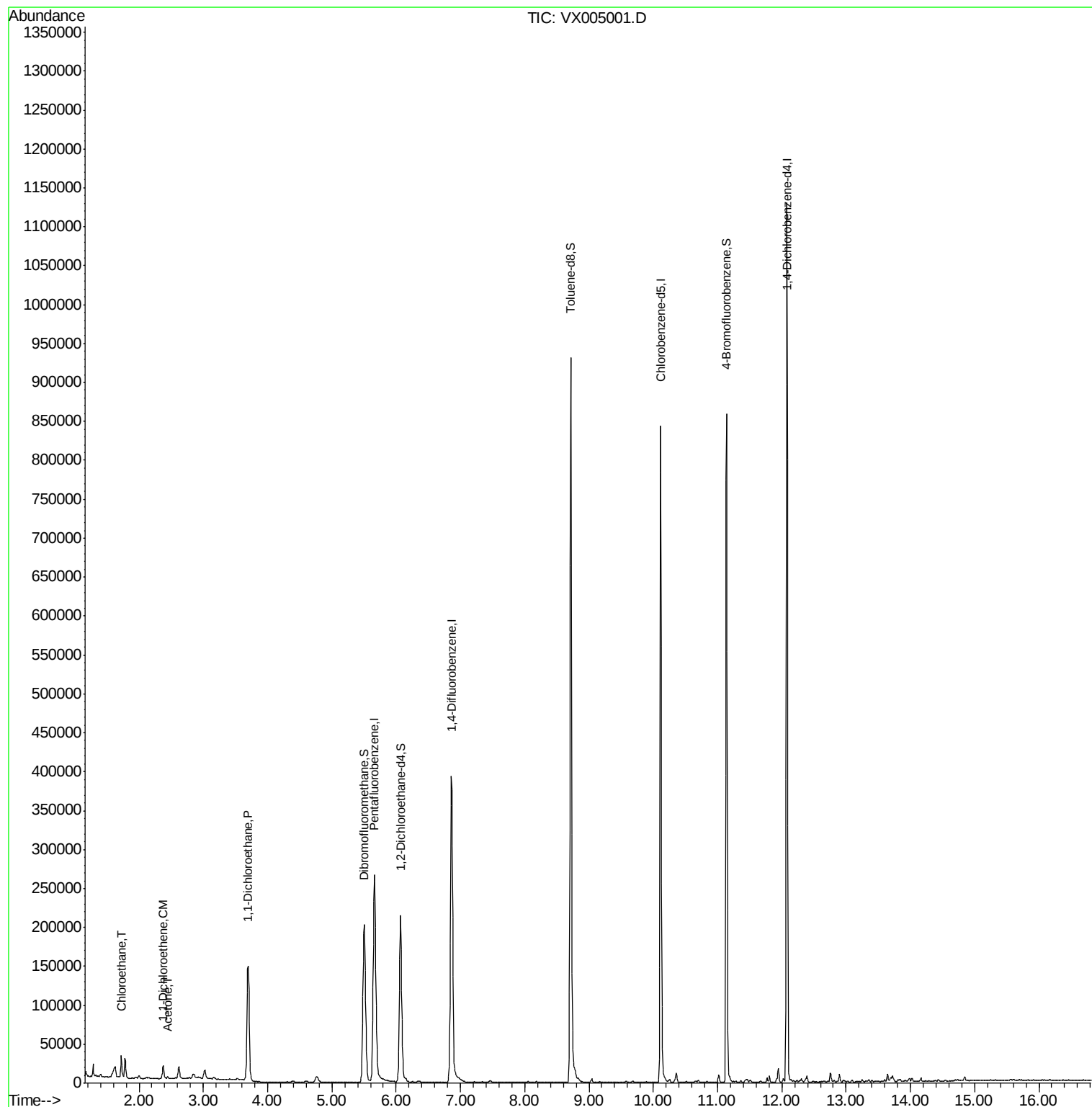
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	286056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199505	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	5.50	113	177751	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	8.71	98	605549	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.14	95	223968	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
Target Compounds						
6) Chloroethane	1.72	64	19871	6.176	ug/l	92
12) 1,1-Dichloroethene	2.37	96	5573	1.798	ug/l	94
16) Acetone	2.44	43	1902	0.797	ug/l #	89
24) 1,1-Dichloroethane	3.69	63	179667	26.448	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

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ClientSampleId :

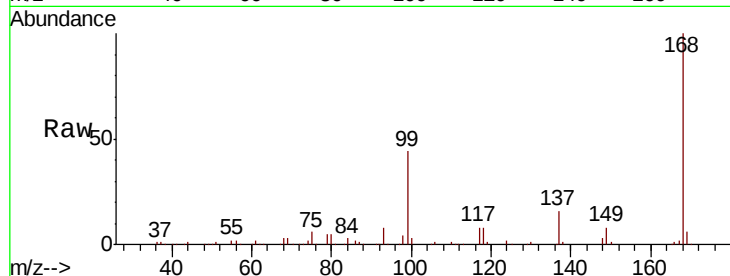
SA-TW509-3337DL

Tgt Ion:168 Resp: 286056

Ion Ratio Lower Upper

168 100

99 43.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

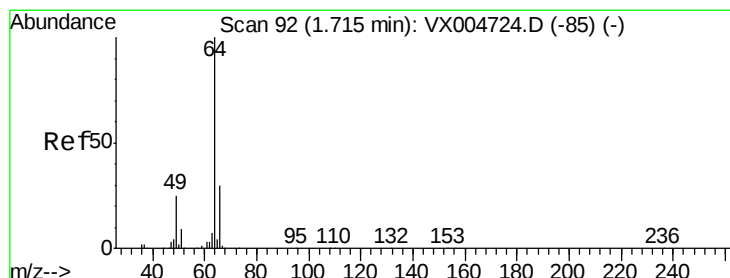
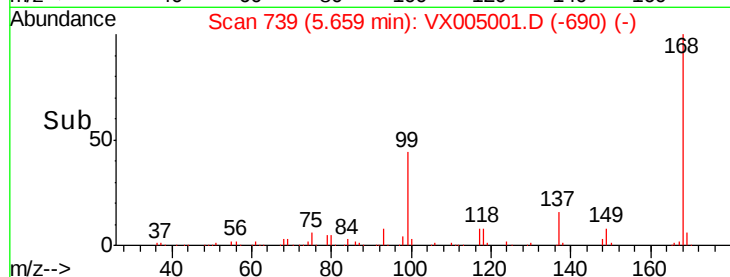
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 6.176 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005001.D

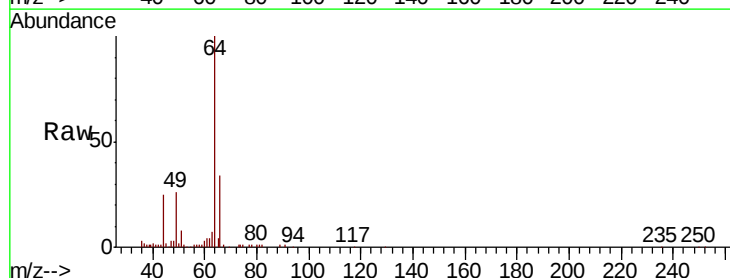
Acq: 04 Oct 2018 06:28

Tgt Ion: 64 Resp: 19871

Ion Ratio Lower Upper

64 100

66 34.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

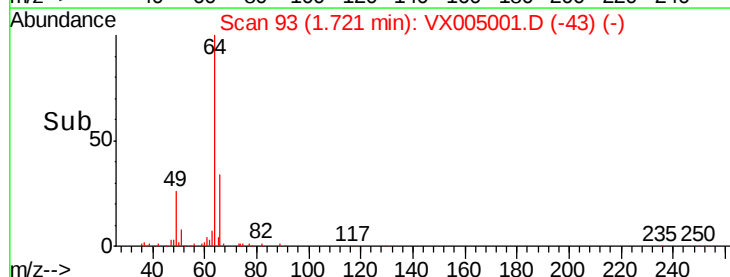
15000

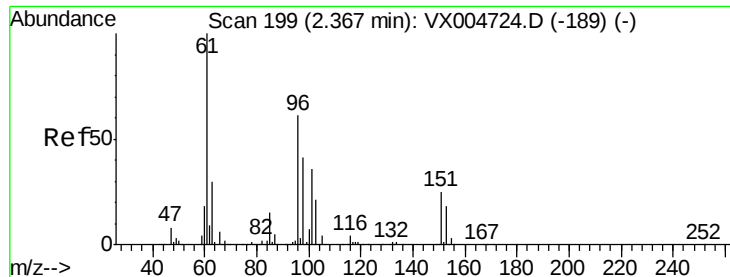
10000

5000

0

Time--> 1.70 1.80





#12

1,1-Dichloroethene

Concen: 1.798 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005001.D

Acq: 04 Oct 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337DL

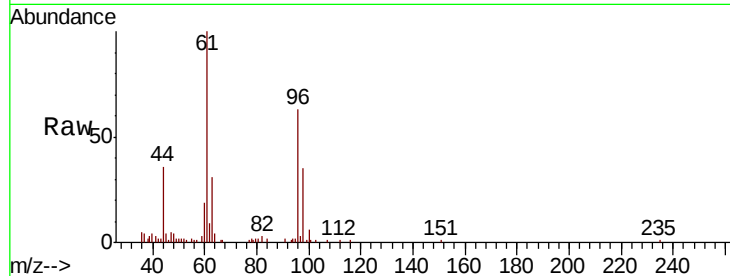
Tgt Ion: 96 Resp: 5573

Ion Ratio Lower Upper

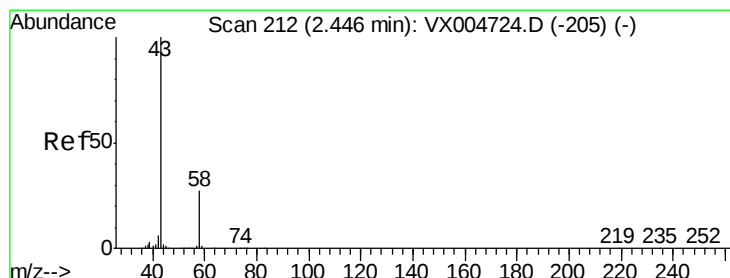
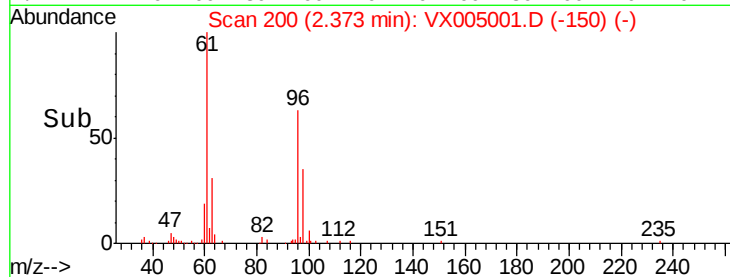
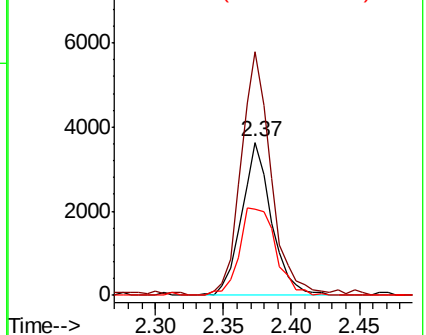
96 100

61 158.8 130.2 195.4

98 55.9 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 0.797 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005001.D

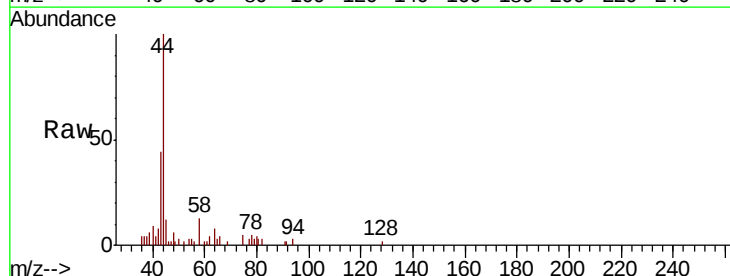
Acq: 04 Oct 2018 06:28

Tgt Ion: 43 Resp: 1902

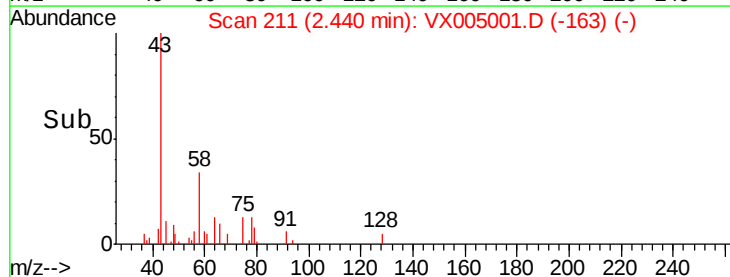
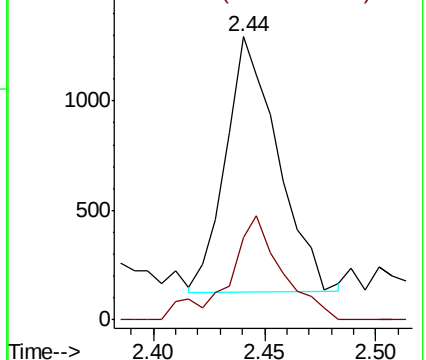
Ion Ratio Lower Upper

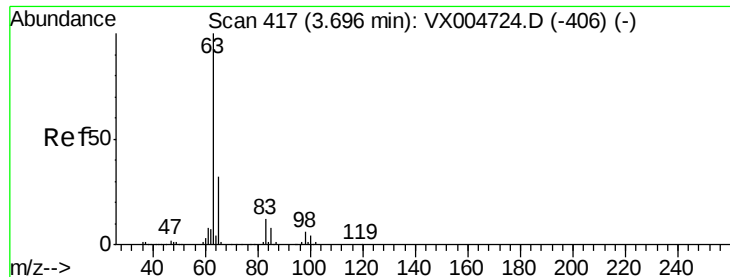
43 100

58 33.0 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 26.448 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005001.D

Acq: 04 Oct 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337DL

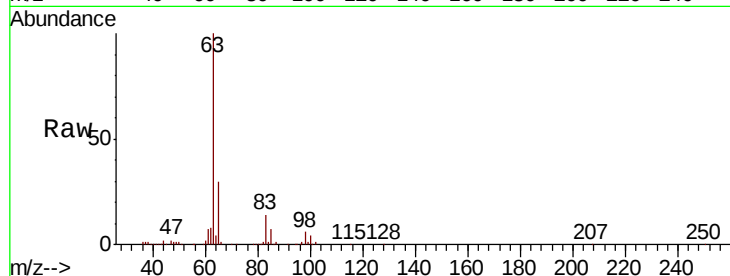
Tgt Ion: 63 Resp: 179667

Ion Ratio Lower Upper

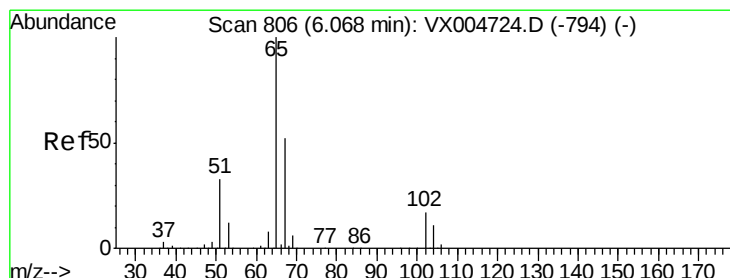
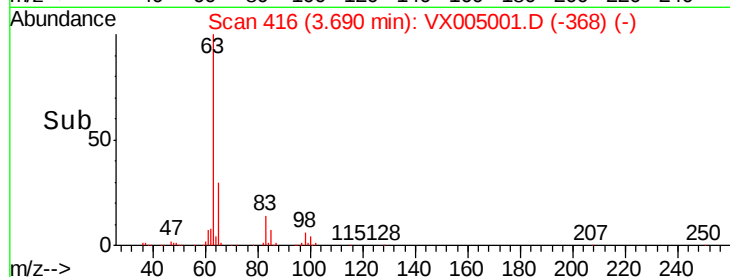
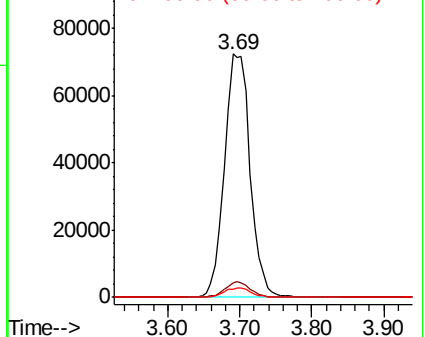
63 100

98 5.8 3.0 9.2

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.823 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005001.D

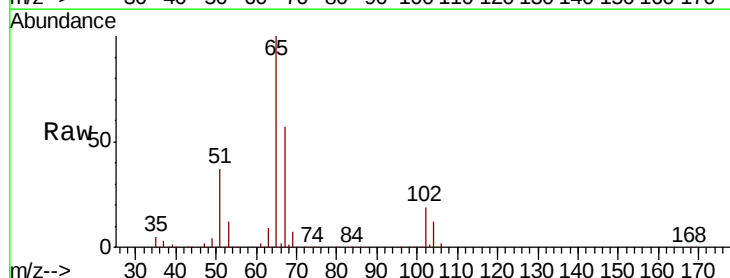
Acq: 04 Oct 2018 06:28

Tgt Ion: 65 Resp: 199505

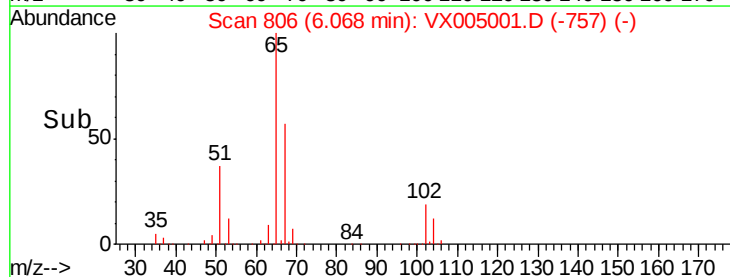
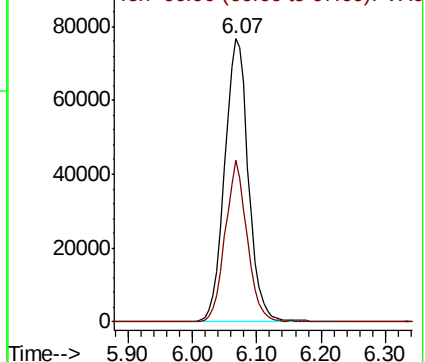
Ion Ratio Lower Upper

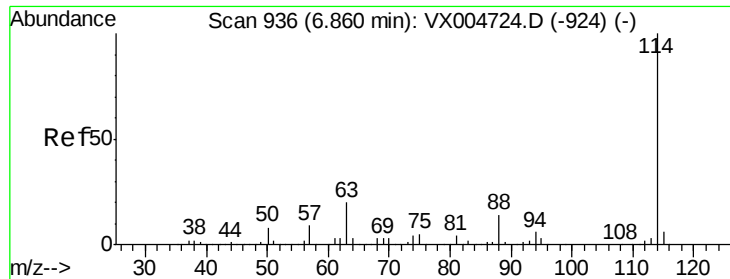
65 100

67 53.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

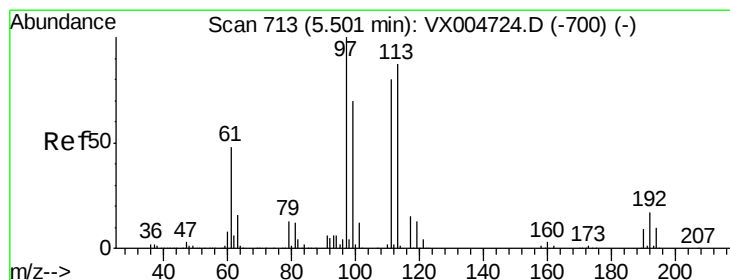
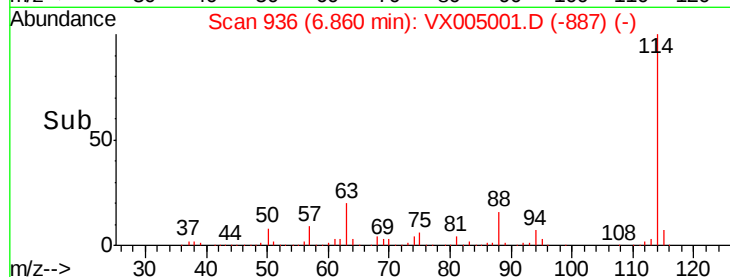
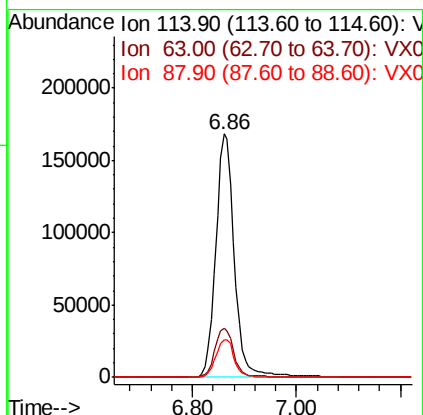
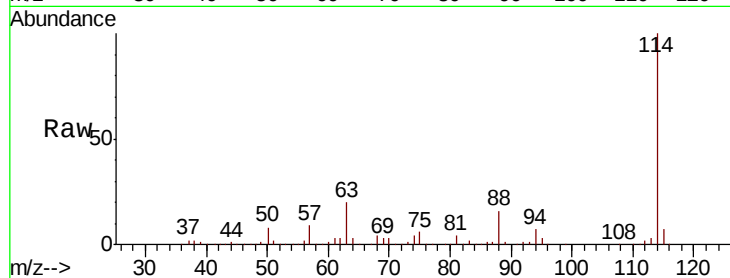




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005001.D
 Acq: 04 Oct 2018 06:28

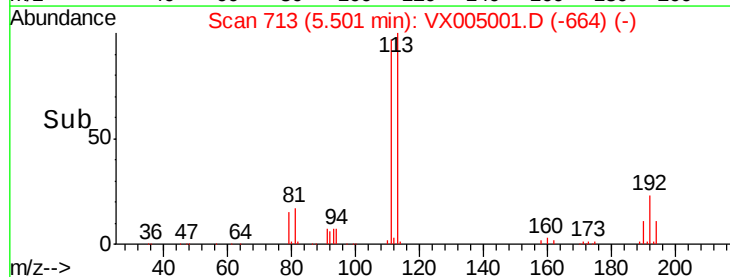
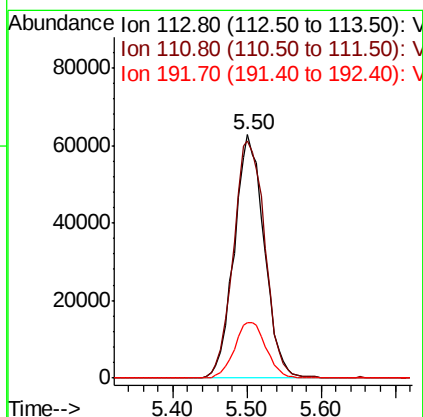
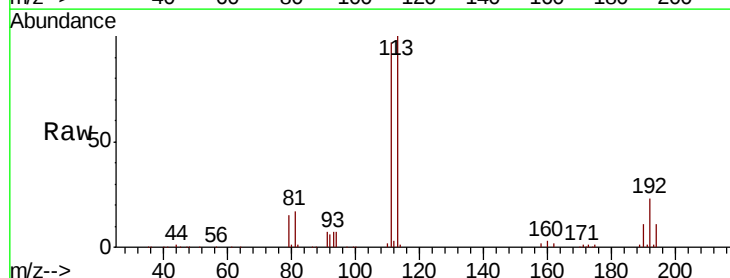
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337DL

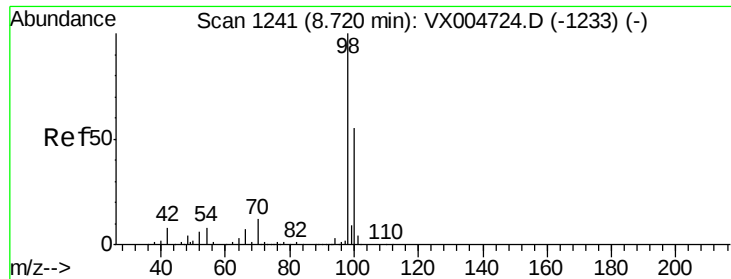
Tgt Ion:114 Resp: 422059
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.6 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 49.693 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005001.D
 Acq: 04 Oct 2018 06:28

Tgt Ion:113 Resp: 177751
 Ion Ratio Lower Upper
 113 100
 111 102.3 77.0 115.4
 192 24.0 17.0 25.6

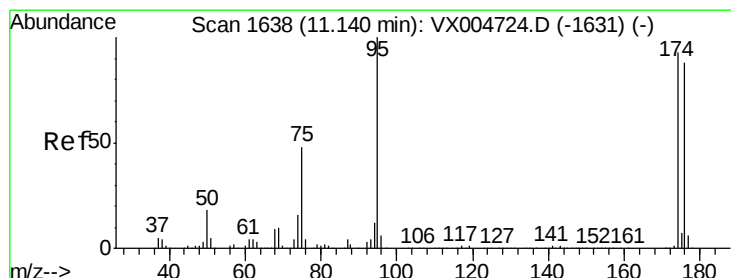
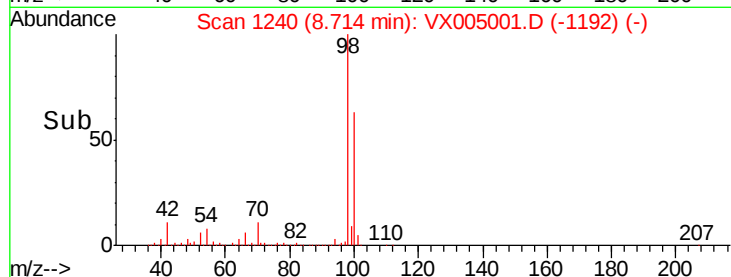
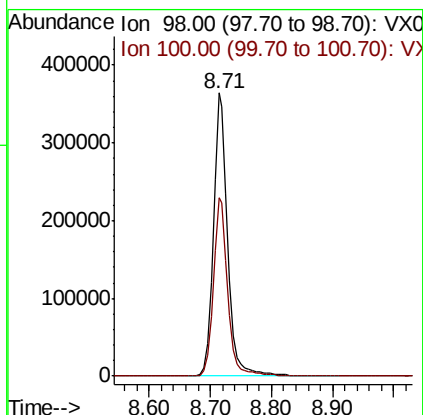
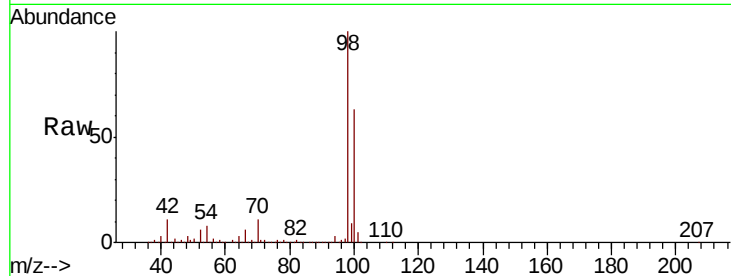




#50
Toluene-d8
Concen: 50.922 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005001.D
Acq: 04 Oct 2018 06:28

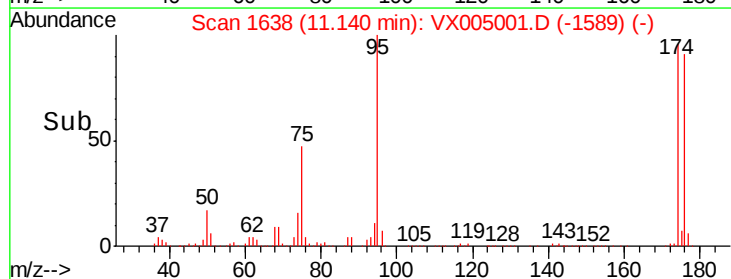
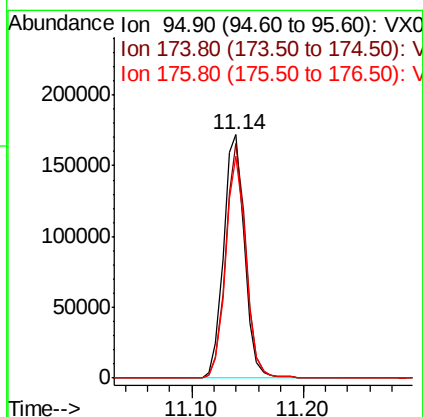
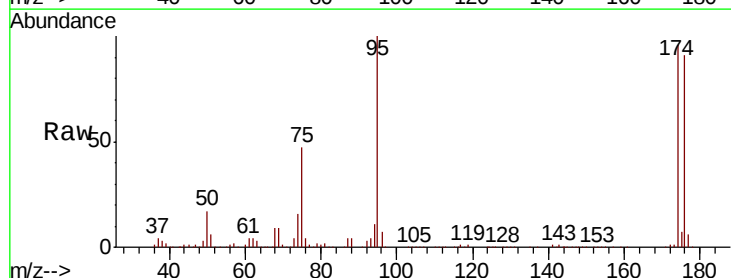
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MSVOA_X
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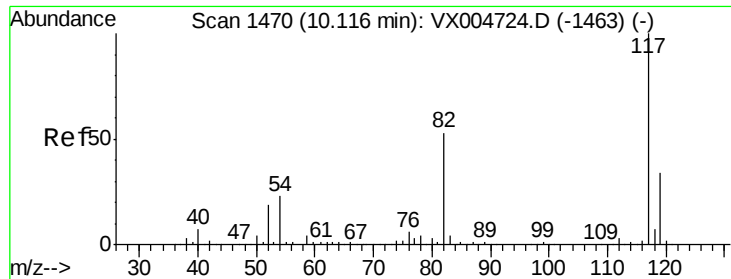
Tgt Ion: 98 Resp: 605549
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.279 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005001.D
Acq: 04 Oct 2018 06:28

Tgt Ion: 95 Resp: 223968
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.0
176 88.7 0.0 180.2

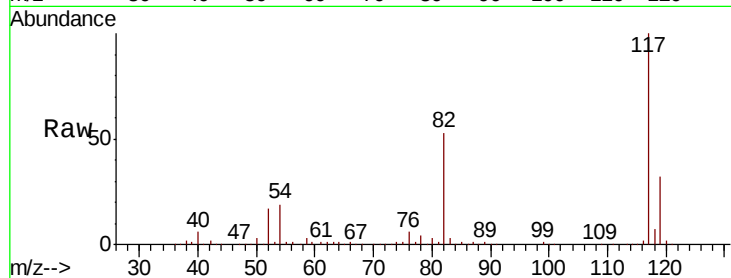




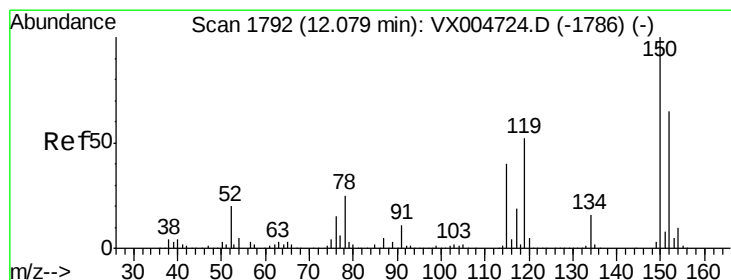
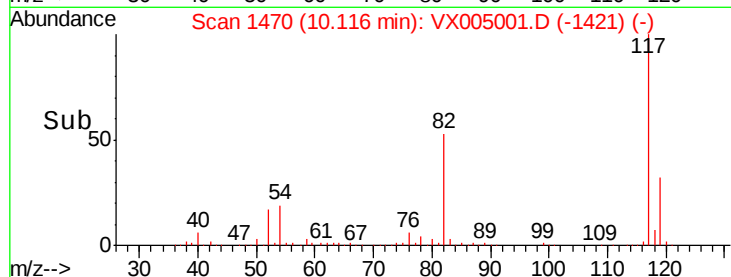
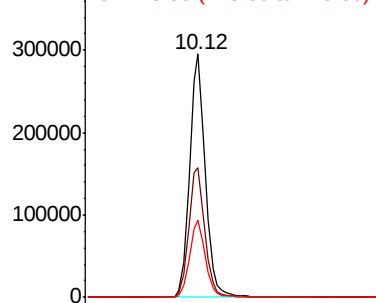
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005001.D
Acq: 04 Oct 2018 06:28

Instrument :
MSVOA_X
ClientSampleId :
SA-TW509-3337DL

Tgt Ion:117 Resp: 410377
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.0 27.4 41.0

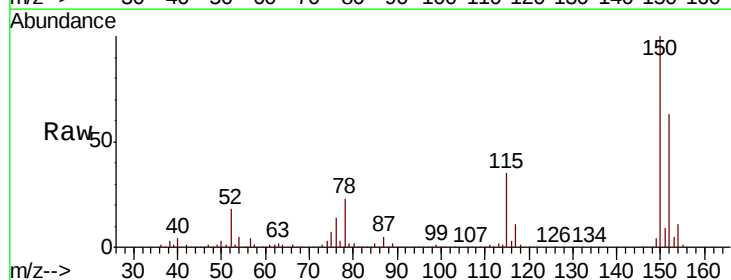


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005001.D
Acq: 04 Oct 2018 06:28

Tgt Ion:152 Resp: 233169
Ion Ratio Lower Upper
152 100
115 56.1 40.2 120.6
150 159.1 0.0 351.0



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

