

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004036.D
 Acq On : 14 Aug 2018 17:44
 Operator : JC/MD
 Sample : J4438-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB3-SRI3

Quant Time: Aug 15 09:27:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

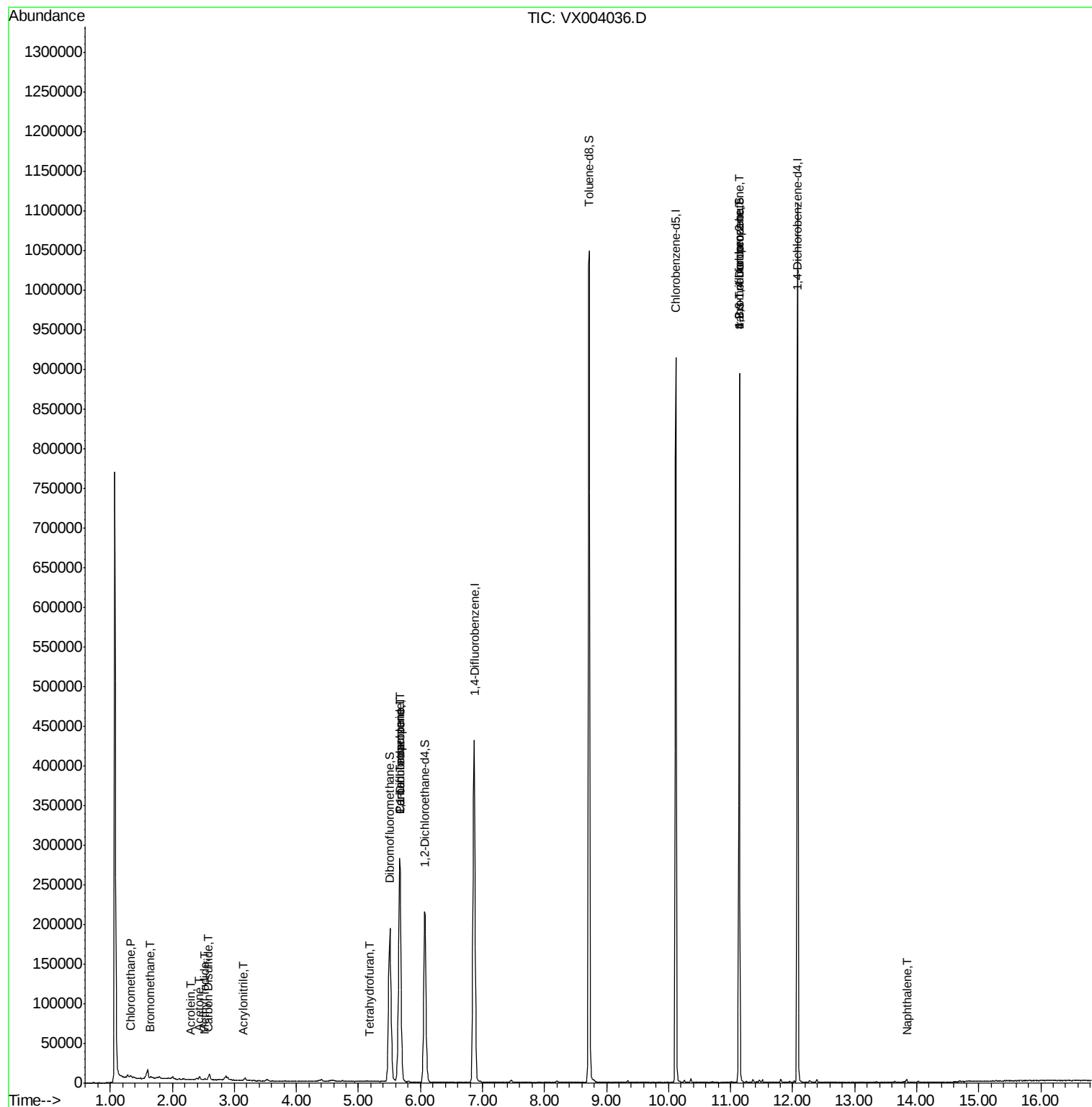
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	443795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200405	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.51	113	164463	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.72	98	629434	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.14	95	219009	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	1494	0.439	ug/l	89
5) Bromomethane	1.65	94	1347	0.545	ug/l	87
6) Chloroethane	1.68	64	4001	Below Cal	#	42
10) Methyl Iodide	2.52	142	1385	5.373	ug/l	96
13) Acrolein	2.29	56	119	11.157	ug/l	99
15) Acrylonitrile	3.14	53	494	0.245	ug/l #	87
16) Acetone	2.43	43	4610	2.211	ug/l	92
17) Carbon Disulfide	2.57	76	1843	0.217	ug/l	95
20) Methylene Chloride	2.86	84	1688	Below Cal	#	92
29) Tetrahydrofuran	5.17	42	912	0.526	ug/l #	57
36) 1,1-Dichloropropene	5.67	75	19701	3.901	ug/l #	49
38) Carbon Tetrachloride	5.67	117	25810	5.260	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	106526	23.261	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	106526	72.005	ug/l #	9
95) Naphthalene	13.83	128	2586	1.302	ug/l #	94

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

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Data File : VX004036.D
Acq On : 14 Aug 2018 17:44
Operator : JC/MD
Sample : J4438-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB3-SRI3

Quant Time: Aug 15 09:27:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

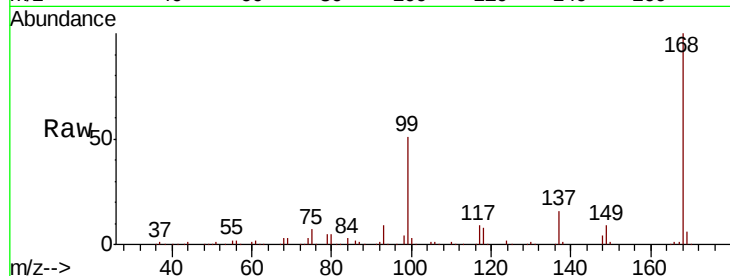
TB3-SRI3

Tgt Ion:168 Resp: 284645

Ion Ratio Lower Upper

168 100

99 50.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

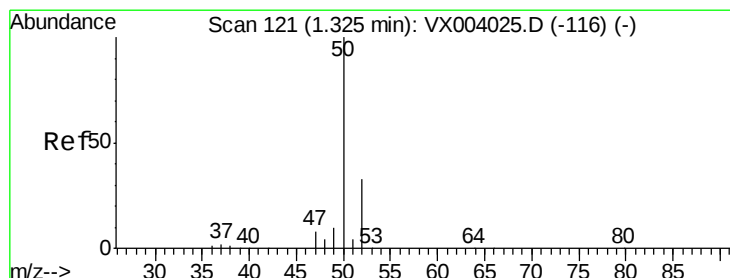
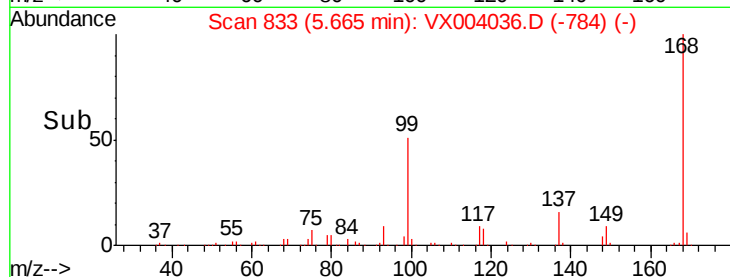
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.439 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004036.D

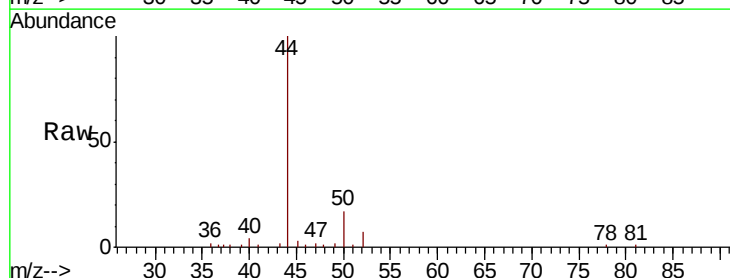
Acq: 14 Aug 2018 17:44

Tgt Ion: 50 Resp: 1494

Ion Ratio Lower Upper

50 100

52 39.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1200

1000

800

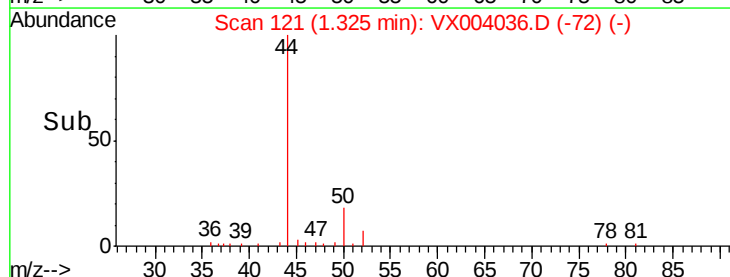
600

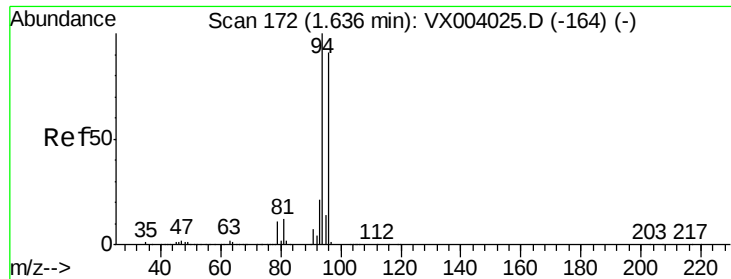
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.545 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

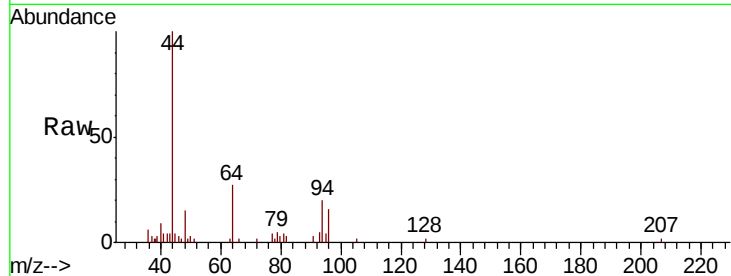
TB3-SRI3

Tgt Ion: 94 Resp: 1347

Ion Ratio Lower Upper

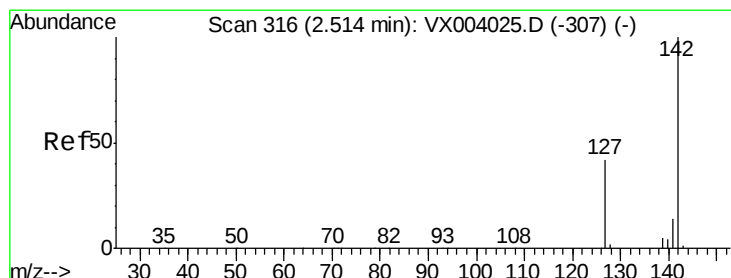
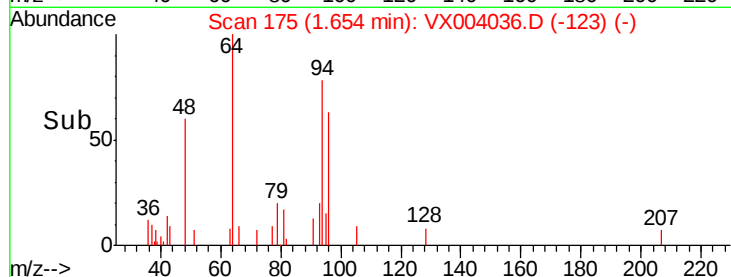
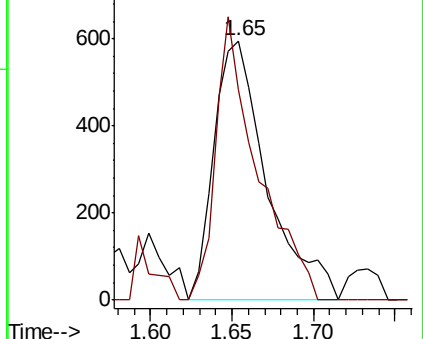
94 100

96 81.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 5.373 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

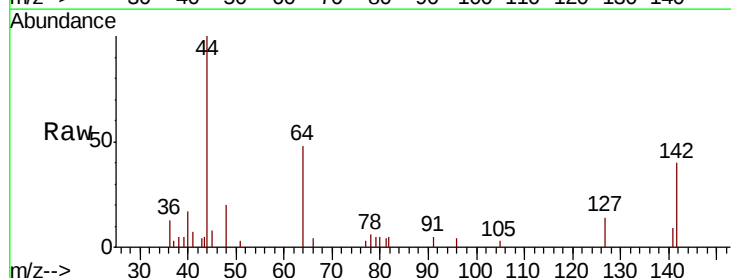
Tgt Ion: 142 Resp: 1385

Ion Ratio Lower Upper

142 100

127 44.0 33.1 49.7

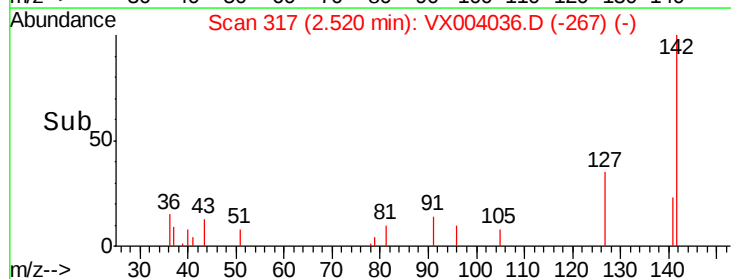
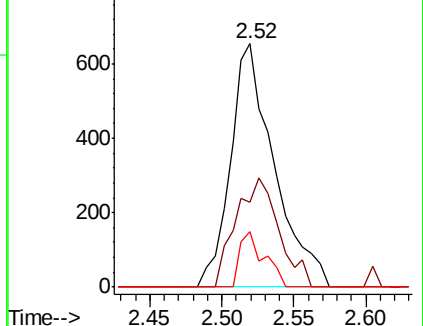
141 12.6 11.1 16.7

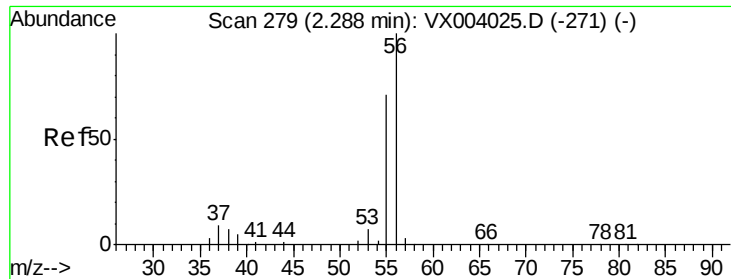


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 11.157 ug/l

RT: 2.29 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

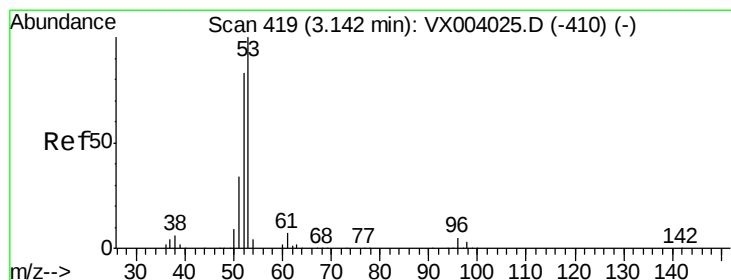
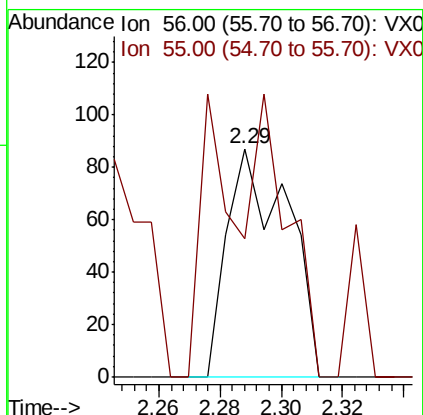
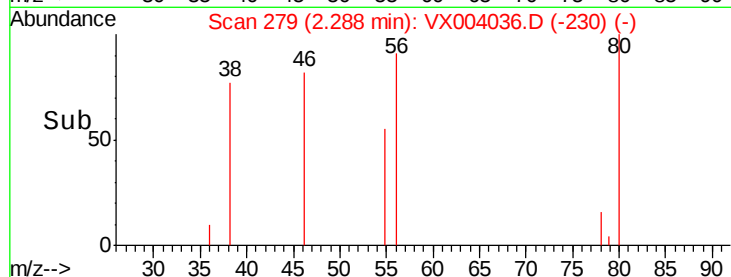
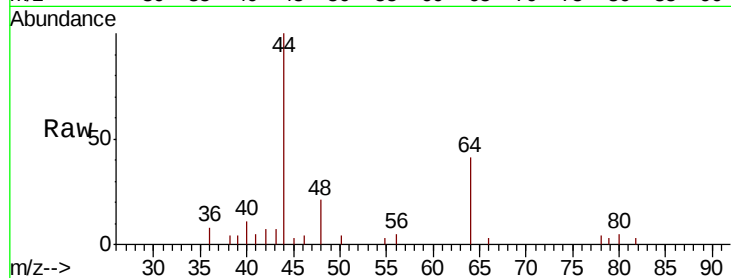
TB3-SRI3

Tgt Ion: 56 Resp: 119

Ion Ratio Lower Upper

56 100

55 68.9 56.1 84.1



#15

Acrylonitrile

Concen: 0.245 ug/l

RT: 3.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

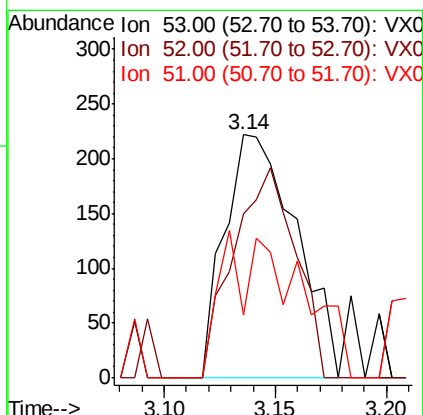
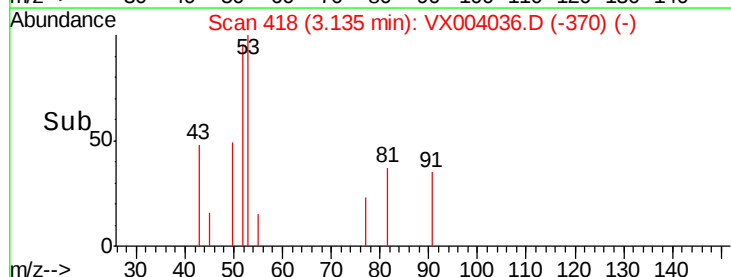
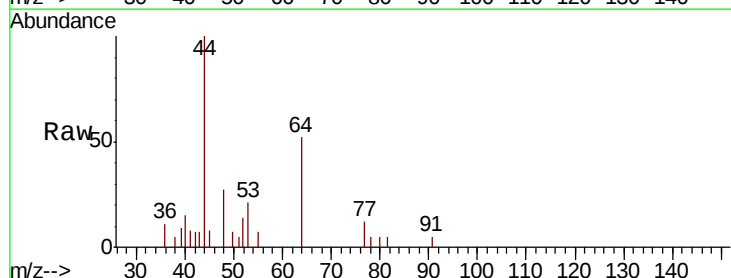
Tgt Ion: 53 Resp: 494

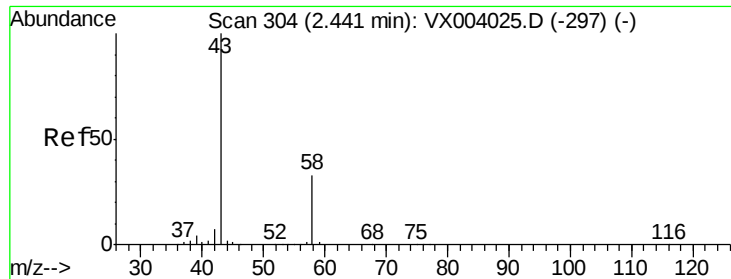
Ion Ratio Lower Upper

53 100

52 75.3 65.3 97.9

51 19.8 27.9 41.9#





#16

Acetone

Concen: 2.211 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

Instrument :

MSVOA_X

ClientSampled :

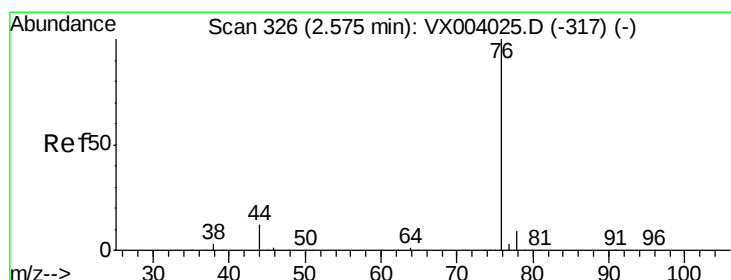
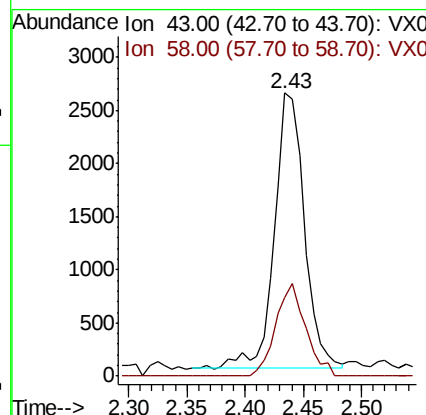
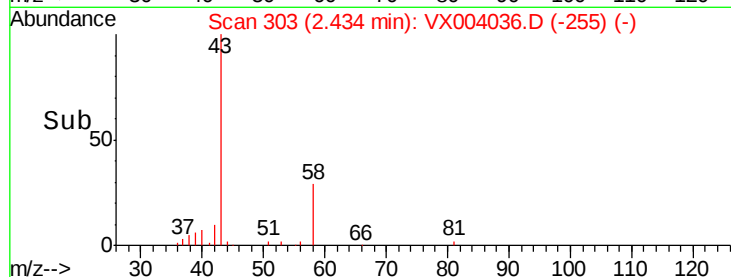
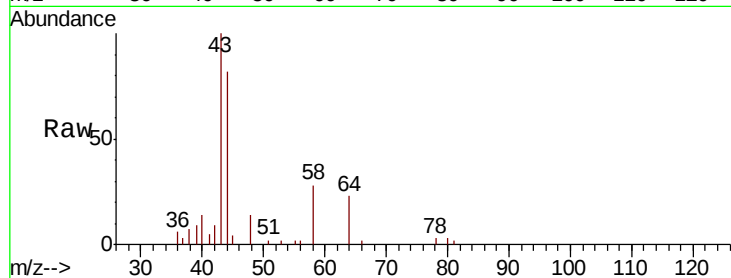
TB3-SRI3

Tgt Ion: 43 Resp: 4610

Ion Ratio Lower Upper

43 100

58 28.5 26.4 39.6



#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004036.D

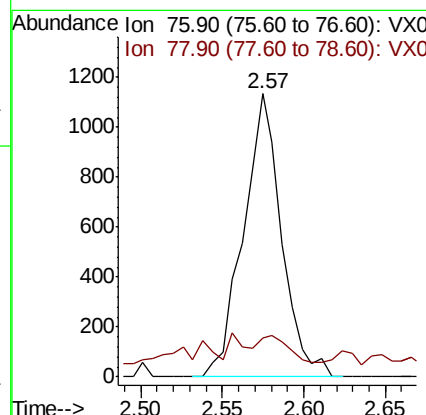
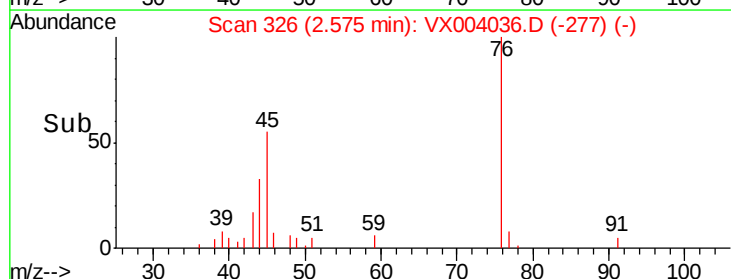
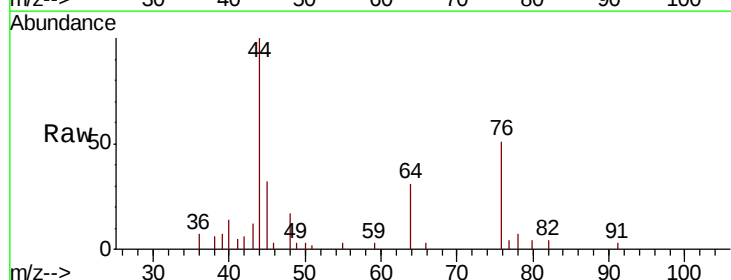
Acq: 14 Aug 2018 17:44

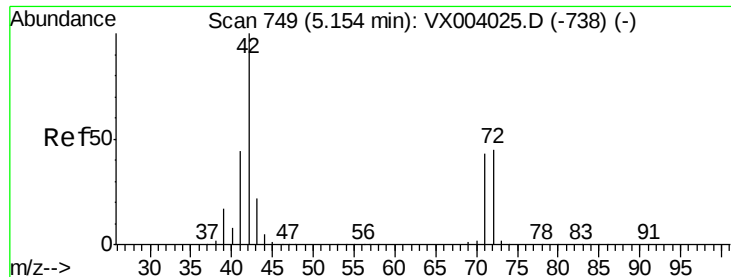
Tgt Ion: 76 Resp: 1843

Ion Ratio Lower Upper

76 100

78 7.6 7.5 11.3





#29

Tetrahydrofuran

Concen: 0.526 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

TB3-SRI3

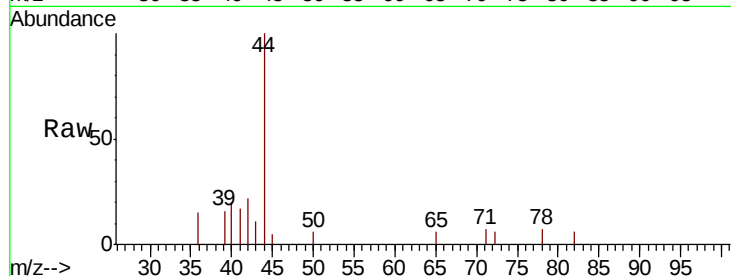
Tgt Ion: 42 Resp: 912

Ion Ratio Lower Upper

42 100

72 21.3 37.7 56.5#

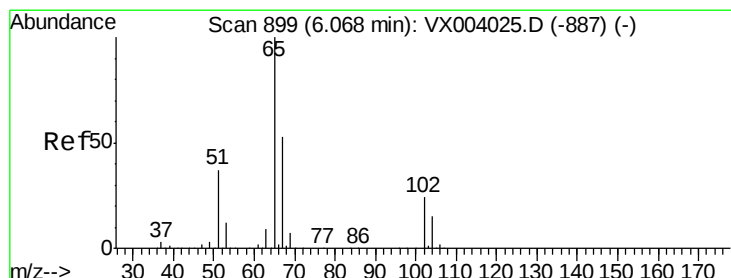
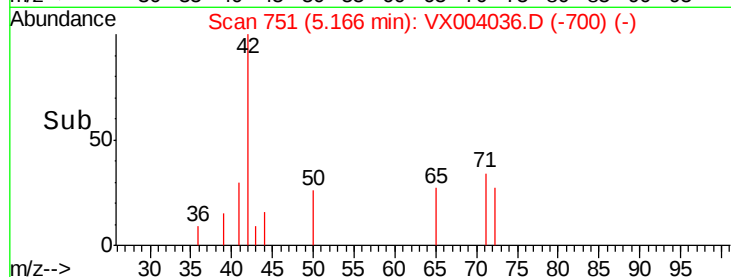
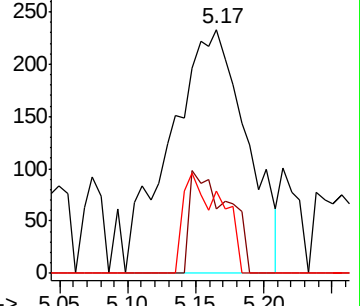
71 12.4 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.970 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004036.D

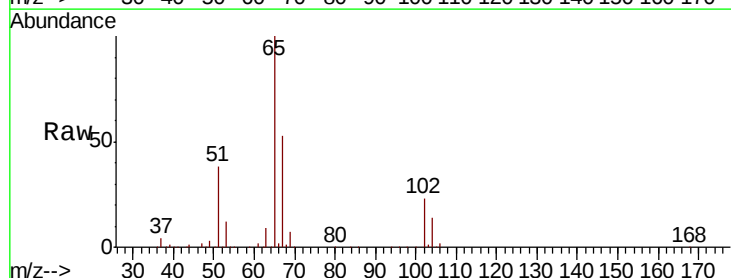
Acq: 14 Aug 2018 17:44

Tgt Ion: 65 Resp: 200405

Ion Ratio Lower Upper

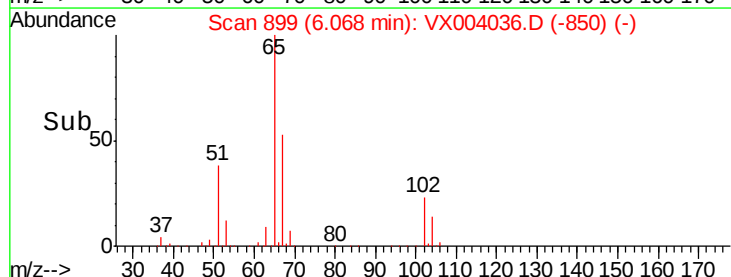
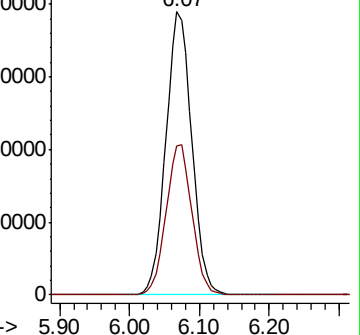
65 100

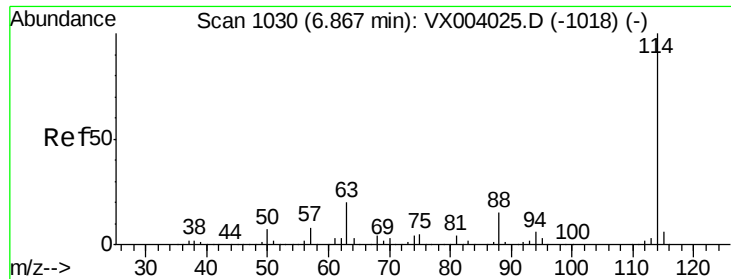
67 53.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

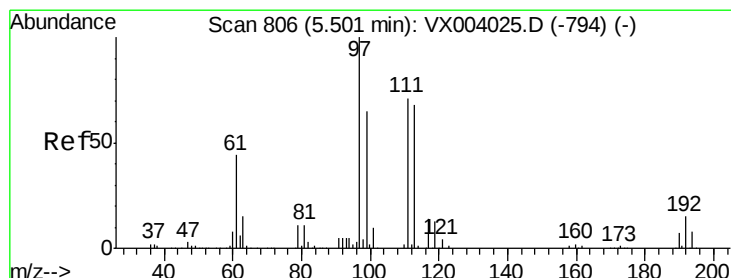
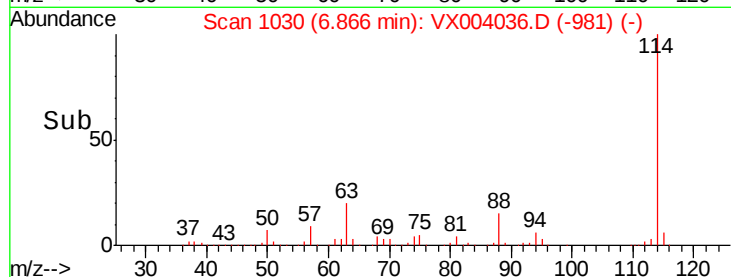
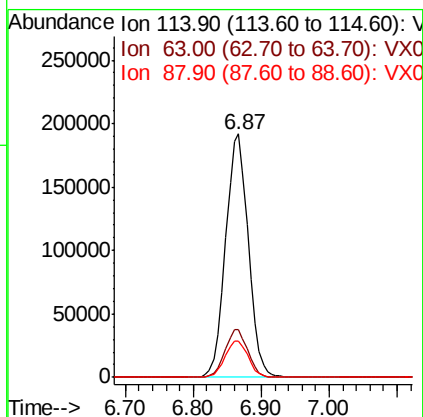
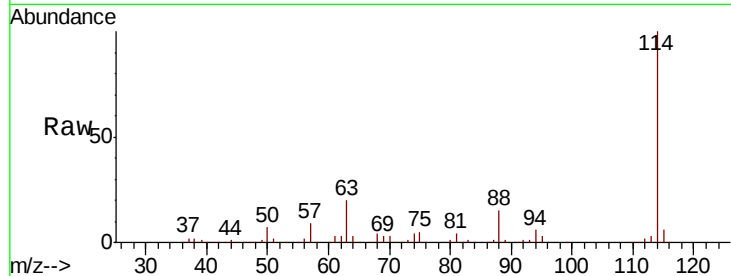




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004036.D
 Acq: 14 Aug 2018 17:44

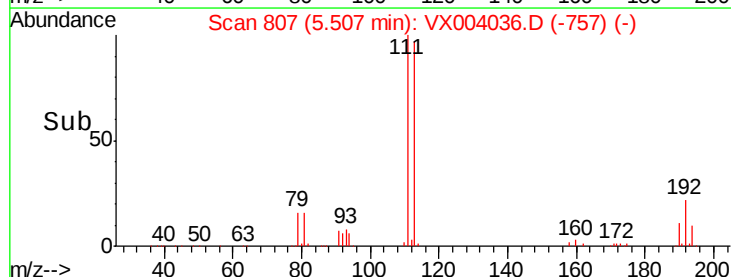
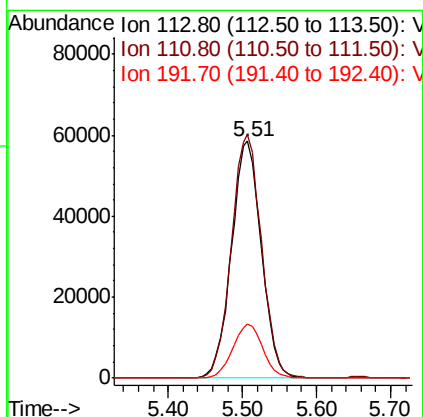
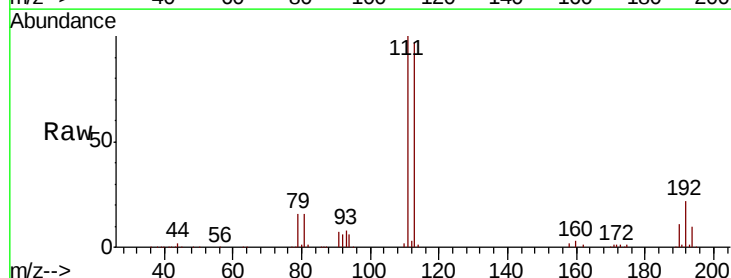
Instrument :
 MSVOA_X
 ClientSampleId :
 TB3-SRI3

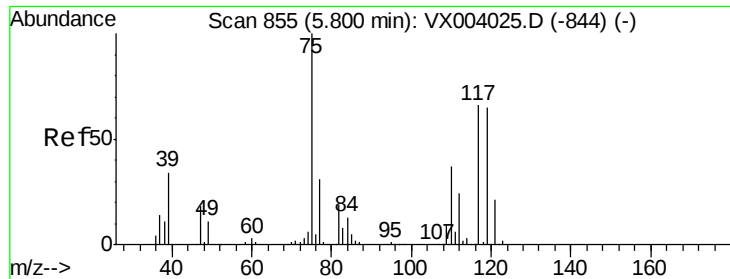
Tgt Ion:114 Resp: 443795
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.1 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 49.515 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004036.D
 Acq: 14 Aug 2018 17:44

Tgt Ion:113 Resp: 164463
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.0 123.0
 192 22.9 19.0 28.4

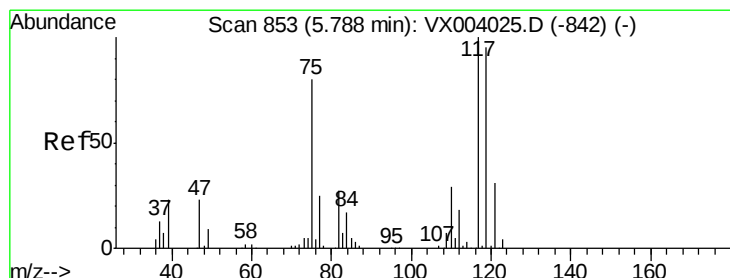
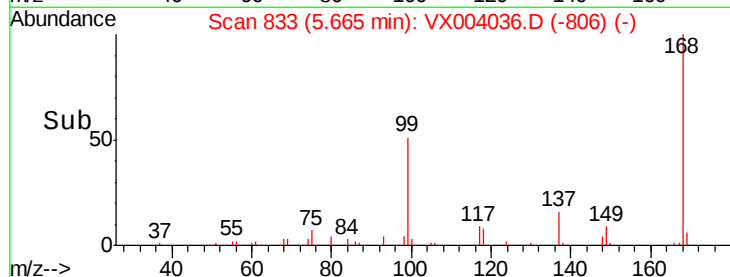
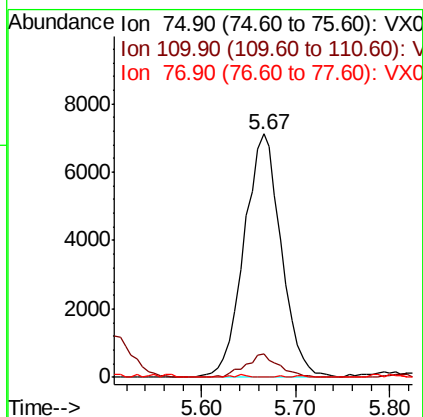
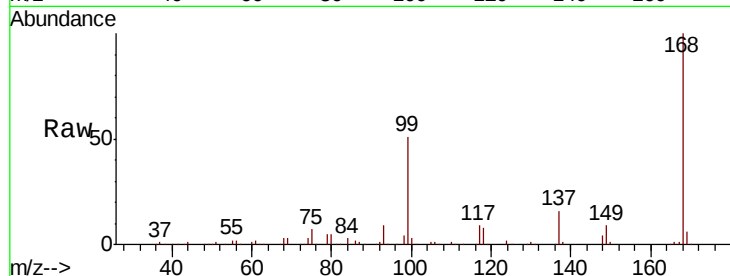




#36
 1,1-Dichloropropene
 Concen: 3.901 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004036.D
 Acq: 14 Aug 2018 17:44

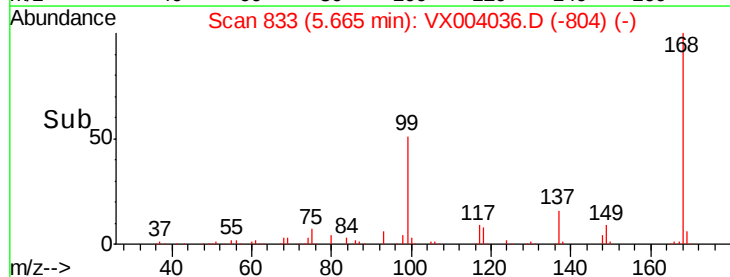
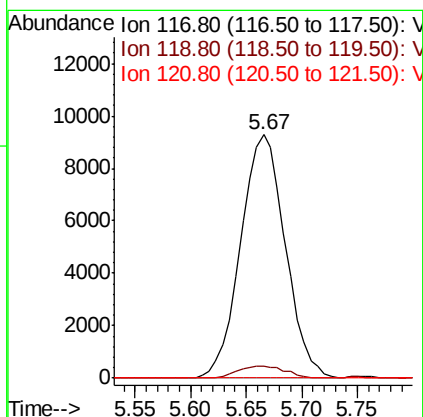
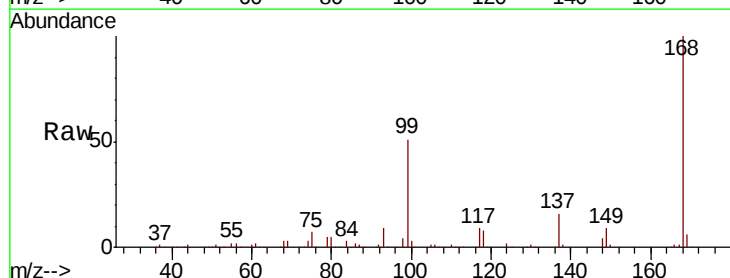
Instrument :
 MSVOA_X
 ClientSampleId :
 TB3-SRI3

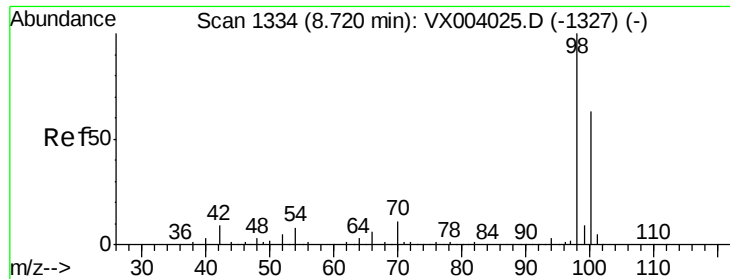
Tgt Ion: 75 Resp: 19701
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.2 54.6#
 77 0.1 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.260 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004036.D
 Acq: 14 Aug 2018 17:44

Tgt Ion: 117 Resp: 25810
 Ion Ratio Lower Upper
 117 100
 119 5.1 79.5 119.3#
 121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 46.740 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

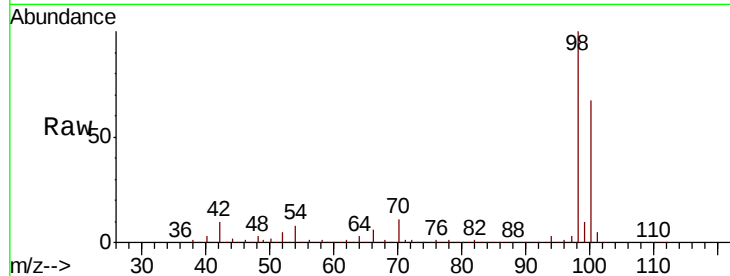
TB3-SRI3

Tgt Ion: 98 Resp: 629434

Ion Ratio Lower Upper

98 100

100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

300000

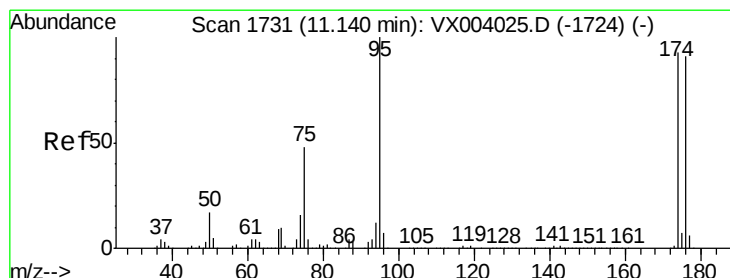
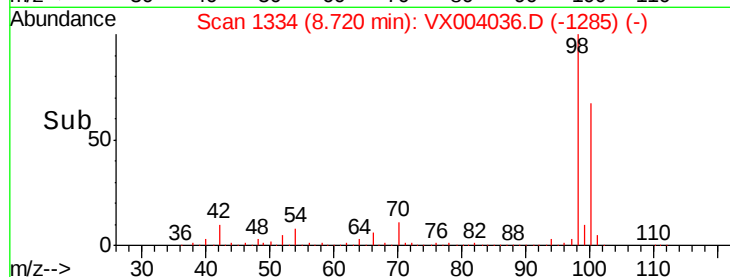
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.840 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

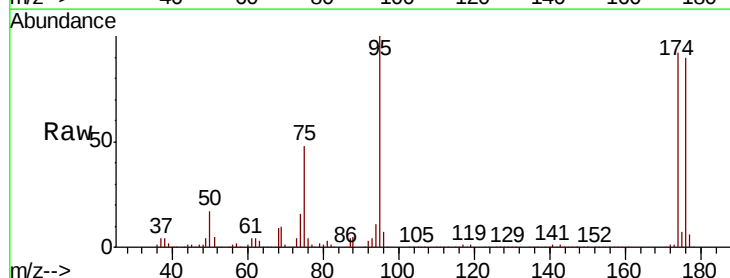
Tgt Ion: 95 Resp: 219009

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.8

176 87.4 0.0 179.0



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

250000

200000

150000

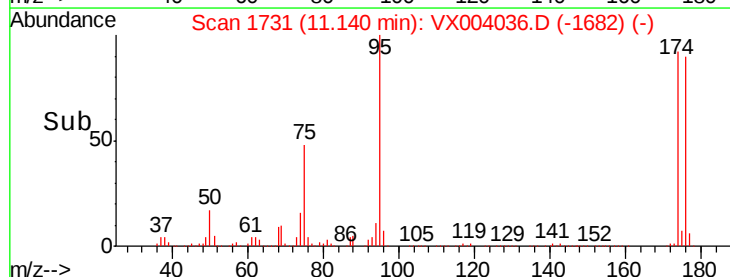
100000

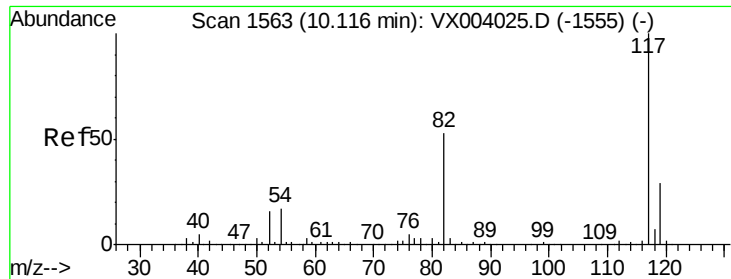
50000

0

11.10 11.20

Time-->

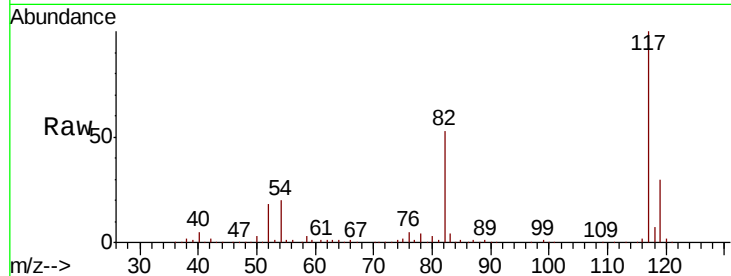




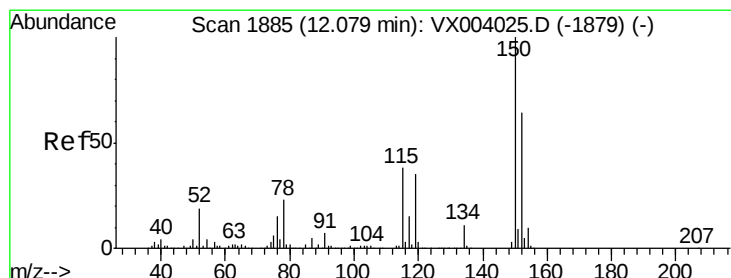
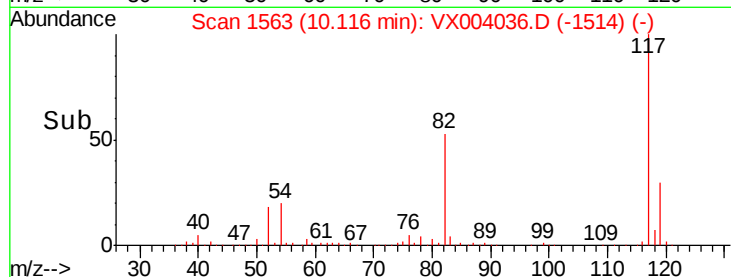
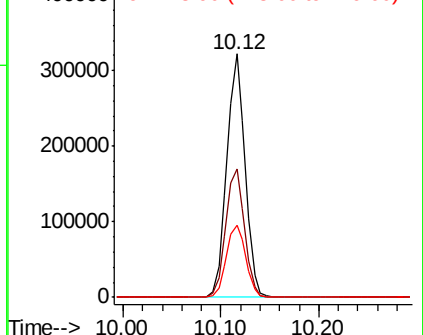
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004036.D
Acq: 14 Aug 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
TB3-SRI3

Tgt Ion:117 Resp: 418207
Ion Ratio Lower Upper
117 100
82 52.9 45.4 68.0
119 29.8 26.6 40.0

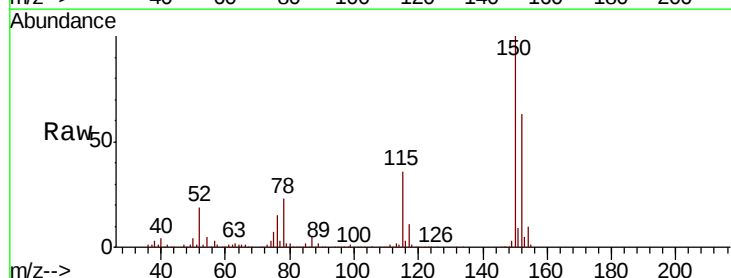


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

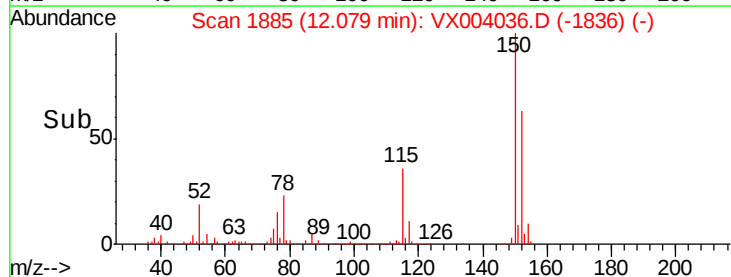
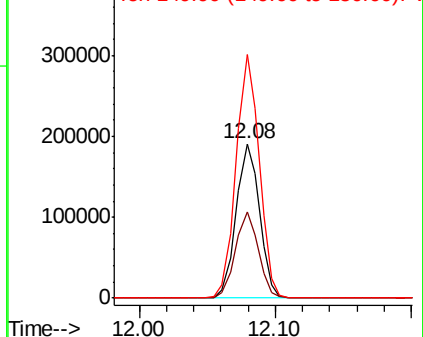


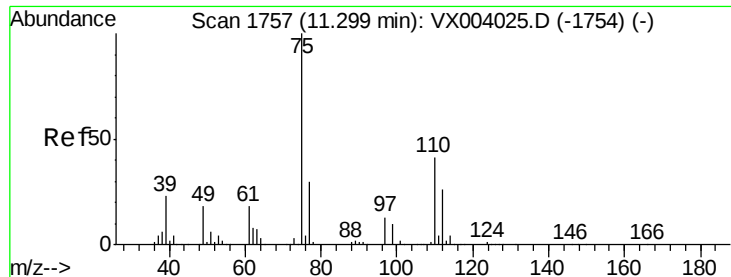
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004036.D
Acq: 14 Aug 2018 17:44

Tgt Ion:152 Resp: 228363
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.3
150 156.6 0.0 349.2



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





#76

1,2,3-Trichloropropane

Concen: 23.261 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

Instrument :

MSVOA_X

ClientSampled :

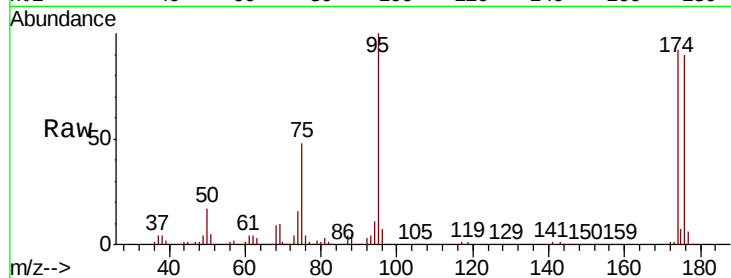
TB3-SRI3

Tgt Ion: 75 Resp: 106526

Ion Ratio Lower Upper

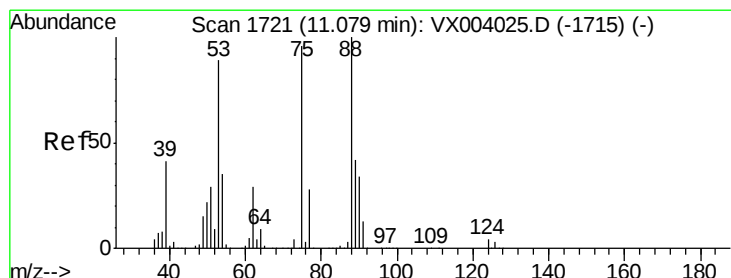
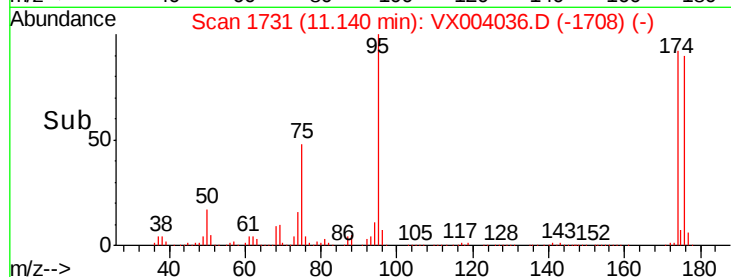
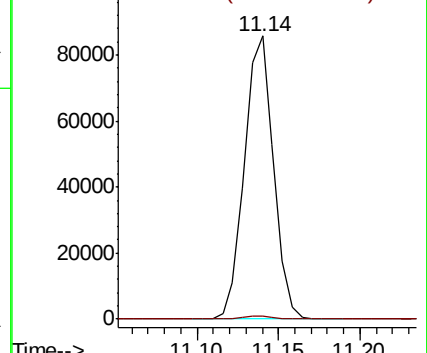
75 100

77 1.3 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.005 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004036.D

Acq: 14 Aug 2018 17:44

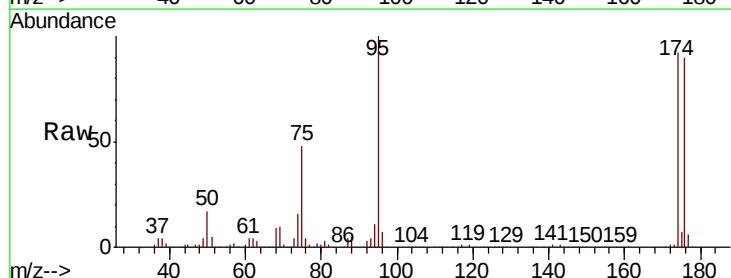
Tgt Ion: 75 Resp: 106526

Ion Ratio Lower Upper

75 100

53 0.1 80.3 120.5#

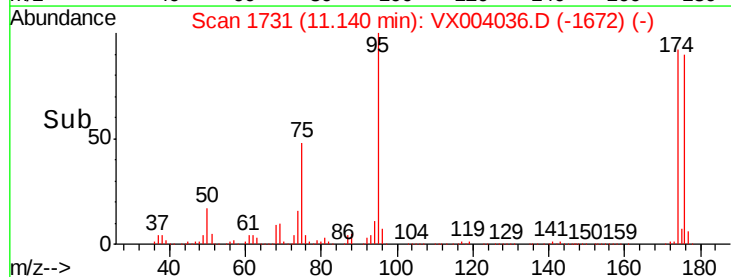
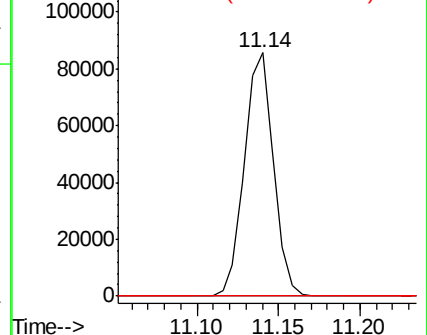
89 0.0 37.8 56.8#

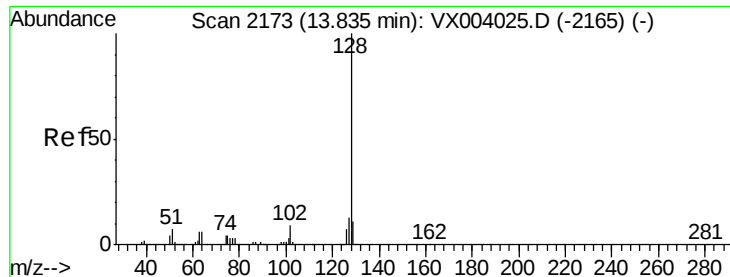


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004036.D
Acq: 14 Aug 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
TB3-SRI3

Tgt Ion:128 Resp: 2586
Ion Ratio Lower Upper
128 100
127 11.1 10.2 15.2
129 13.7 8.8 13.2#

