

Data File : VX000423.D

Acq On : 23 Mar 2018 12:00

Operator : JC/MD

Sample : VX0323WBL01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

Quant Time: Mar 24 05:53:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	96450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	90195	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
35) Dibromofluoromethane	5.51	113	69233	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.72	98	276717	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.15	95	89237	39.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.08%	

Target Compounds

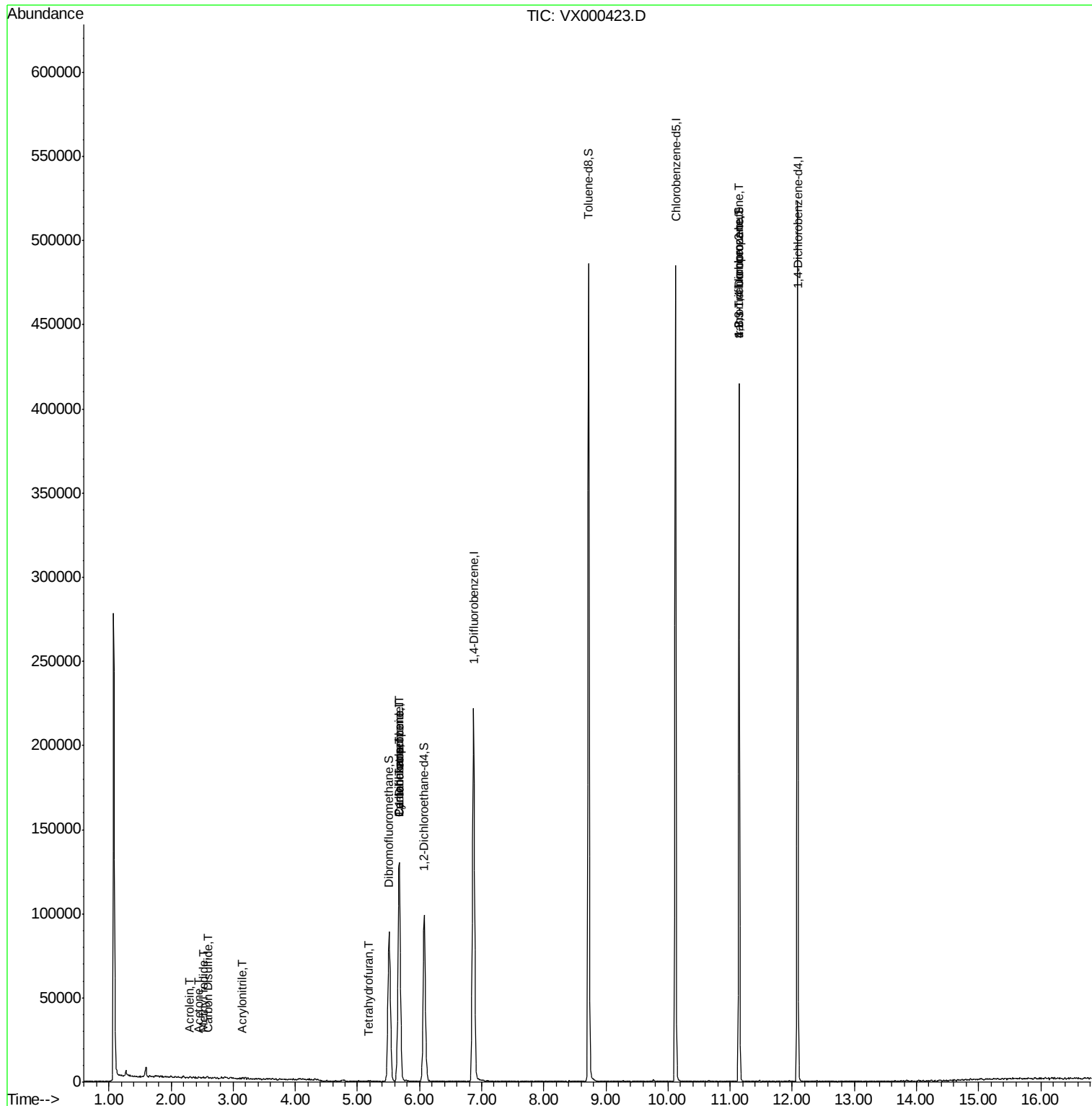
						Qvalue
6) Chloroethane	1.72	64	304	Below Cal	#	44
10) Methyl Iodide	2.53	142	336	4.48	ug/l #	82
13) Acrolein	2.31	56	50	14.84	ug/l	85
14) Allyl chloride	2.73	41	136	Below Cal	#	61
15) Acrylonitrile	3.14	53	374	0.33	ug/l #	78
16) Acetone	2.45	43	504	0.37	ug/l #	44
17) Carbon Disulfide	2.58	76	878	0.26	ug/l #	58
29) Tetrahydrofuran	5.18	42	278	0.30	ug/l #	37
31) Cyclohexane	5.67	56	3300	1.61	ug/l #	36
36) 1,1-Dichloropropene	5.67	75	9838	4.87	ug/l #	51
38) Carbon Tetrachloride	5.67	117	12483	5.89	ug/l #	15
74) N-amyl acetate	6.60	43	50	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	52536	25.35	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	52536	82.06	ug/l #	9

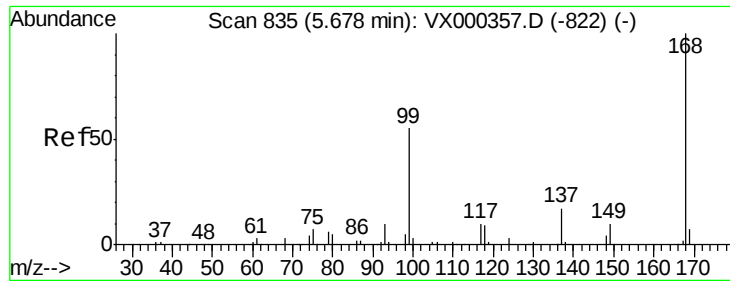
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 05:53:05 2018
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000423.D

Acq: 23 Mar 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

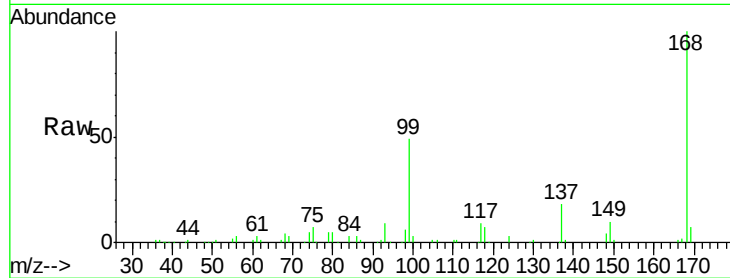
VX0323WBL01

Tgt Ion:168 Resp: 124676

Ion Ratio Lower Upper

168 100

99 48.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

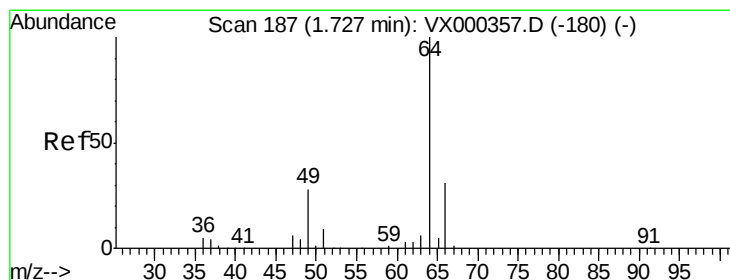
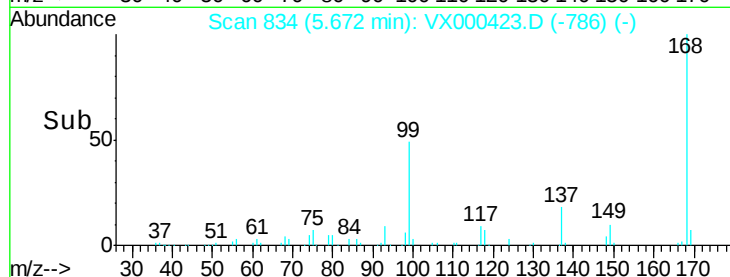
20000

10000

0

5.60 5.70 5.80

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000423.D

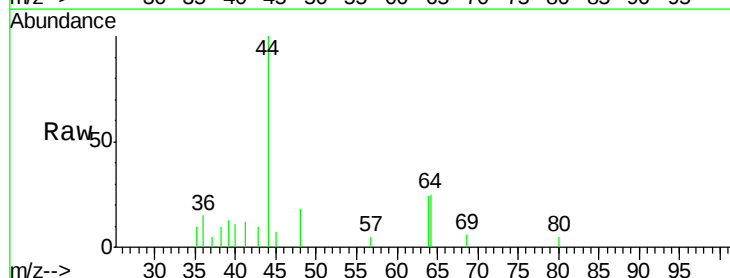
Acq: 23 Mar 2018 12:00

Tgt Ion: 64 Resp: 304

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

600

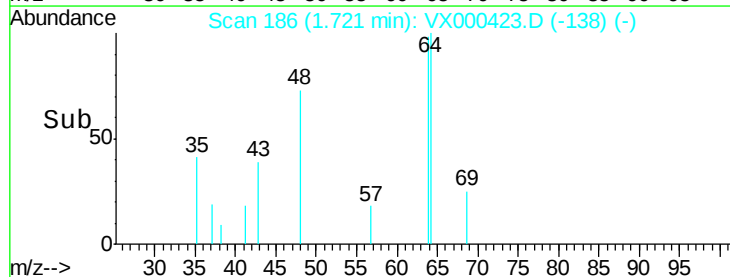
400

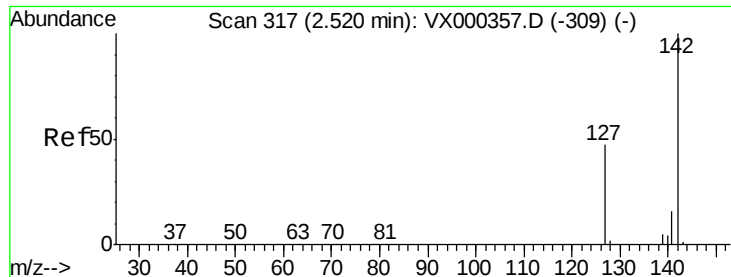
200

0

1.71 1.72 1.73 1.74

Time-->

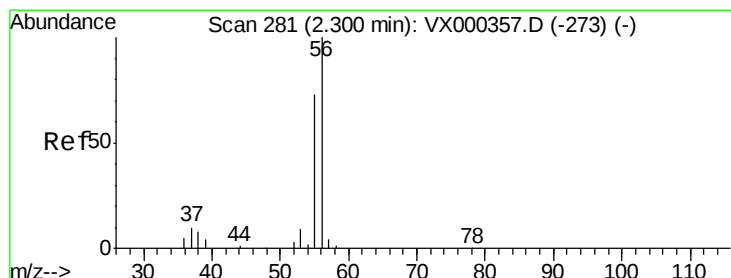
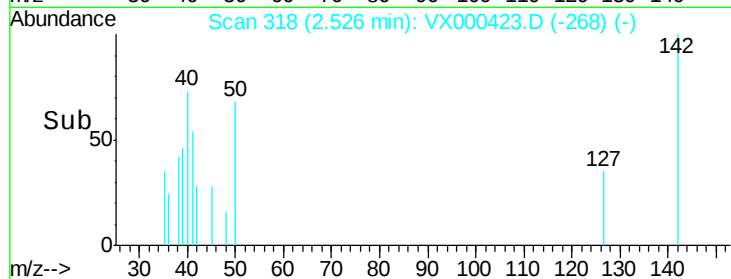
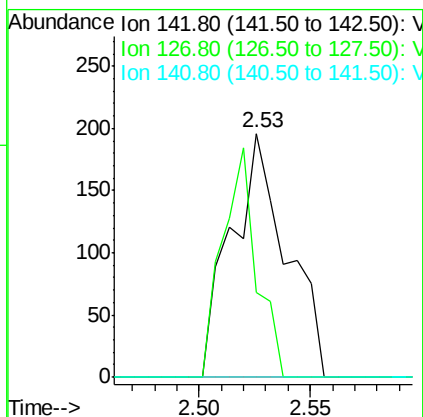
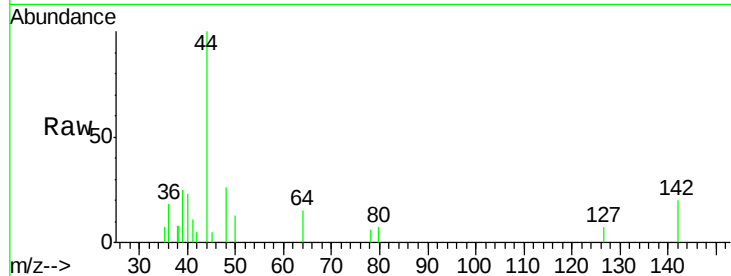




#10
Methyl Iodide
Concen: 4.48 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000423.D
Acq: 23 Mar 2018 12:00

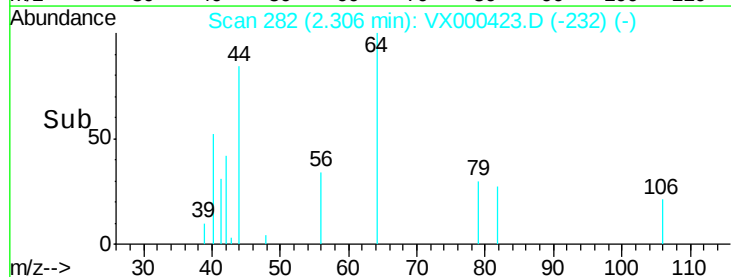
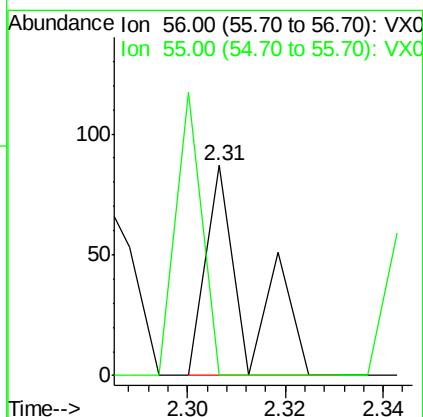
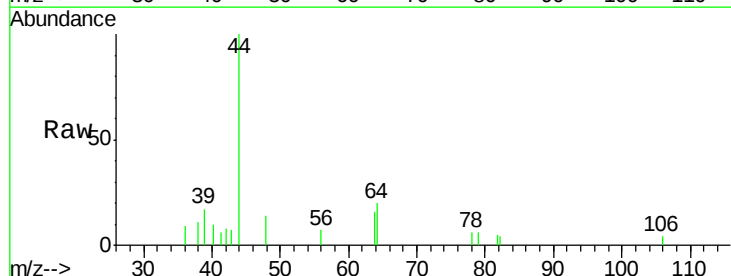
Instrument :
MSVOA_X
ClientSampled :
VX0323WBL01

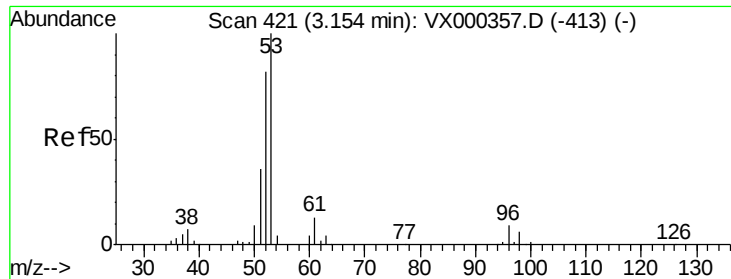
Tgt Ion:142 Resp: 336
Ion Ratio Lower Upper
142 100
127 58.0 39.2 58.8
141 0.0 11.7 17.5#



#13
Acrolein
Concen: 14.84 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX000423.D
Acq: 23 Mar 2018 12:00

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 86.0 58.8 88.2





#15

Acrylonitrile

Concen: 0.33 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX000423.D

Acq: 23 Mar 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

VX0323WBL01

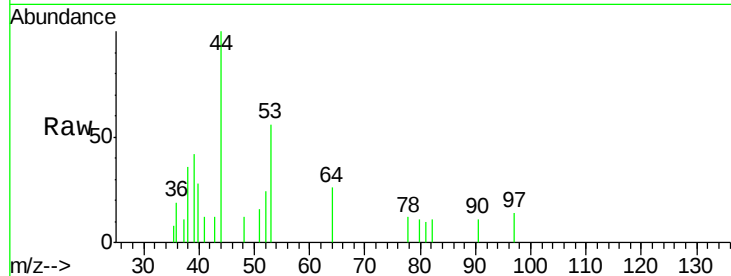
Tgt Ion: 53 Resp: 374

Ion Ratio Lower Upper

53 100

52 101.3 66.6 99.8#

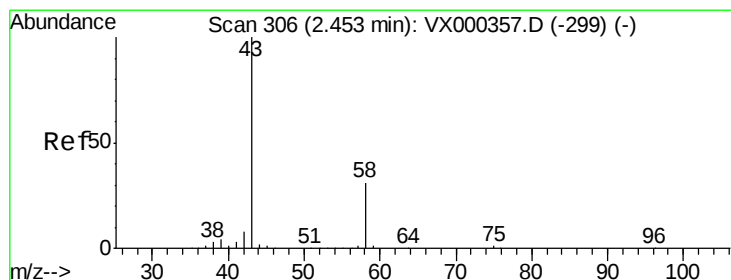
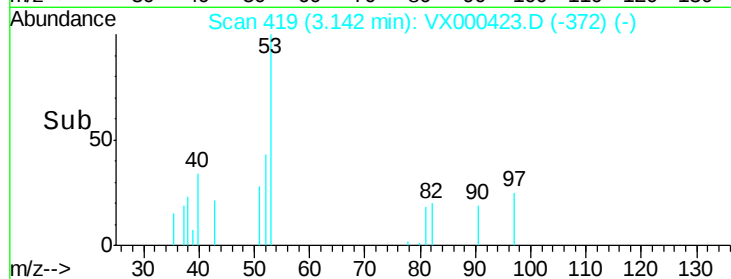
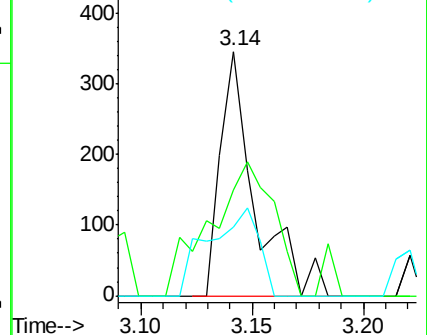
51 52.7 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000423.D

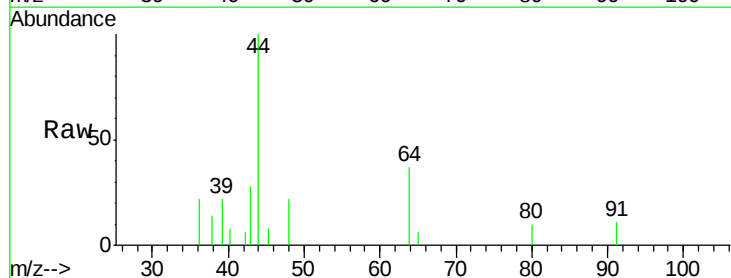
Acq: 23 Mar 2018 12:00

Tgt Ion: 43 Resp: 504

Ion Ratio Lower Upper

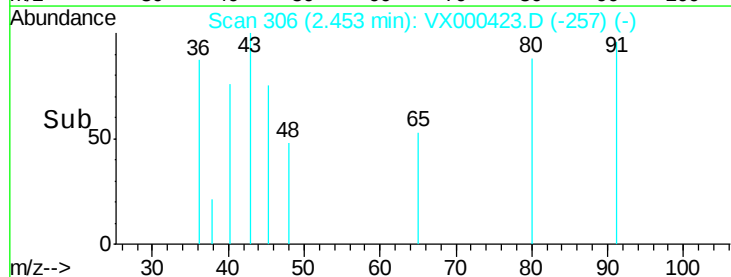
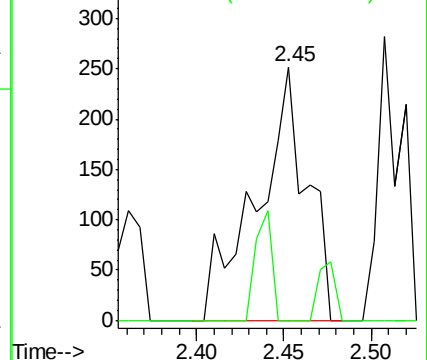
43 100

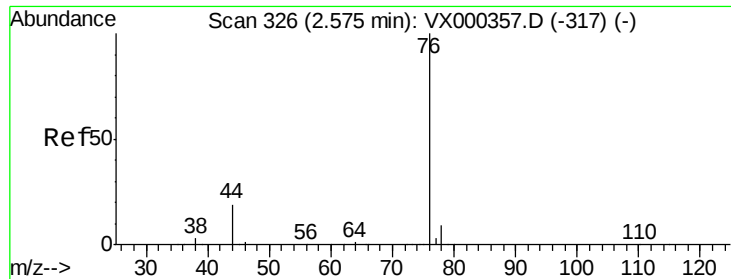
58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

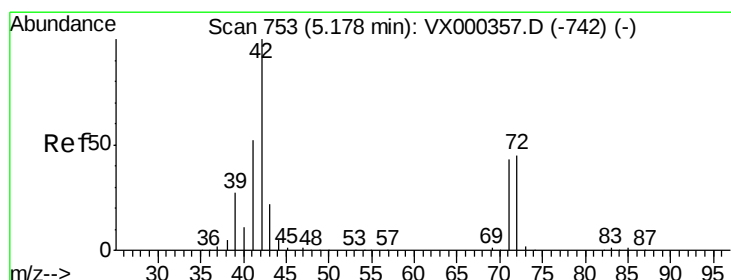
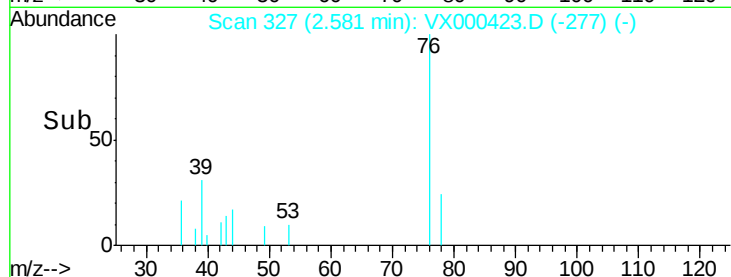
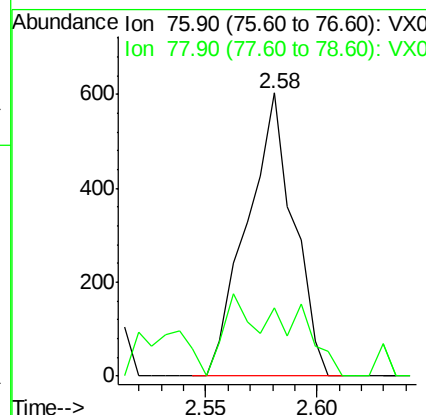
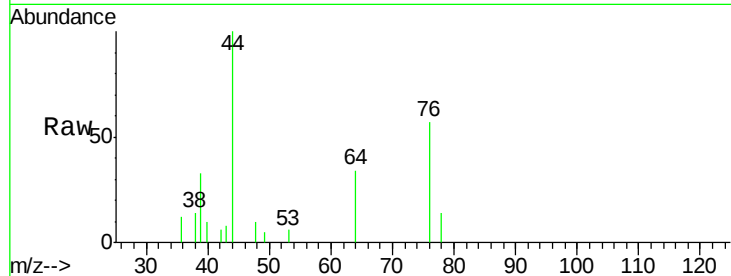




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000423.D
Acq: 23 Mar 2018 12:00

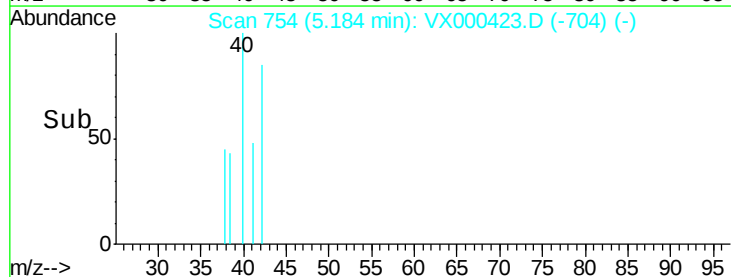
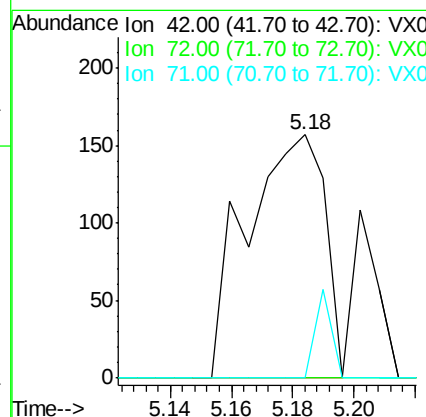
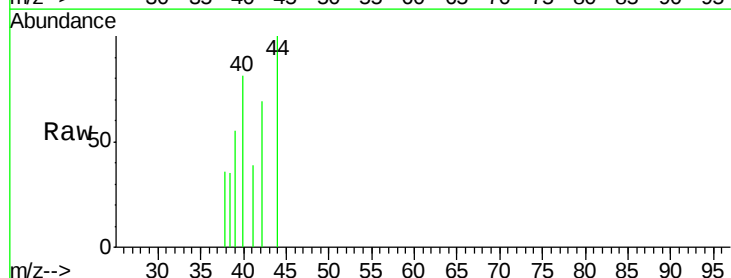
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

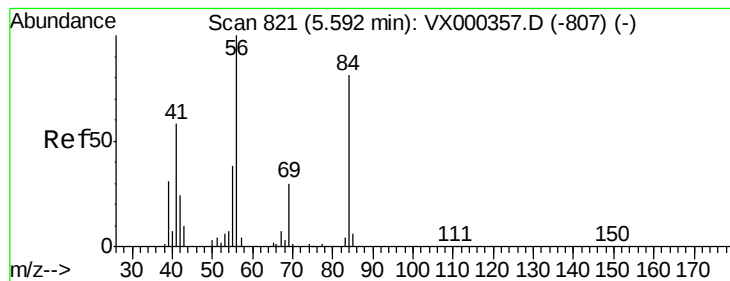
Tgt Ion: 76 Resp: 878
Ion Ratio Lower Upper
76 100
78 24.0 7.0 10.6#



#29
Tetrahydrofuran
Concen: 0.30 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000423.D
Acq: 23 Mar 2018 12:00

Tgt Ion: 42 Resp: 278
Ion Ratio Lower Upper
42 100
72 0.0 37.9 56.9#
71 7.6 34.4 51.6#





#31

Cyclohexane

Concen: 1.61 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.08 min

Lab File: VX000423.D

Acq: 23 Mar 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBL01

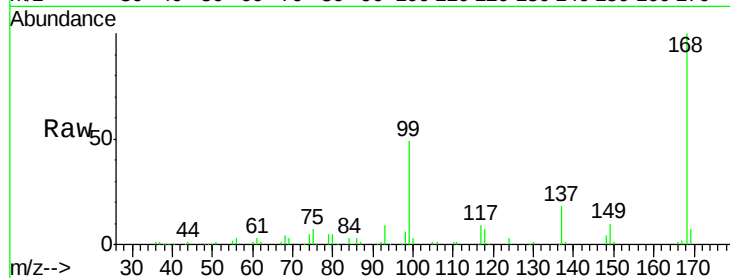
Tgt Ion: 56 Resp: 3300

Ion Ratio Lower Upper

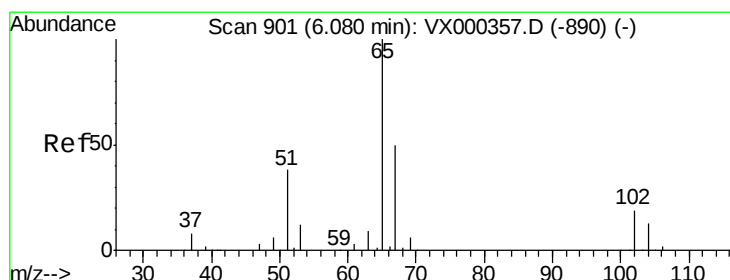
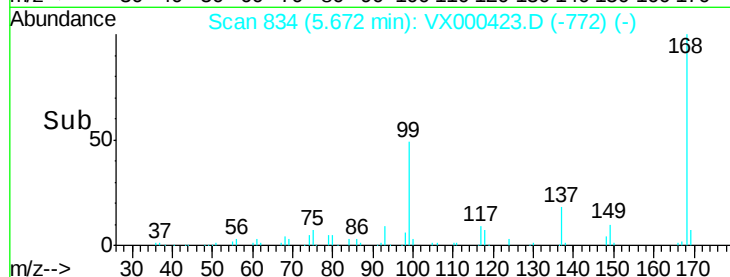
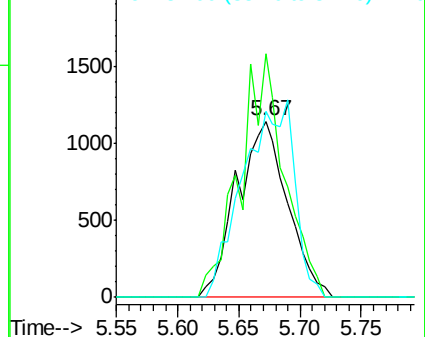
56 100

69 138.1 23.4 35.0#

84 105.7 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000423.D

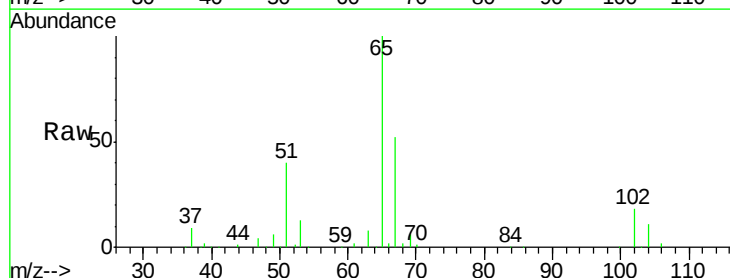
Acq: 23 Mar 2018 12:00

Tgt Ion: 65 Resp: 90195

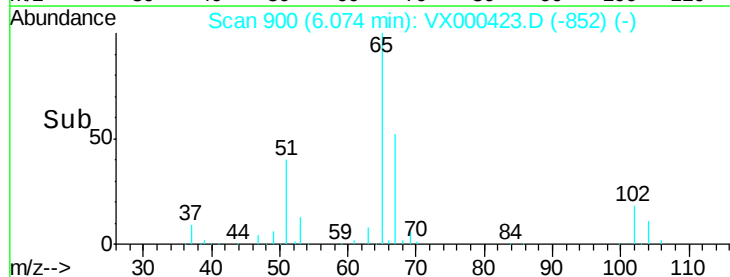
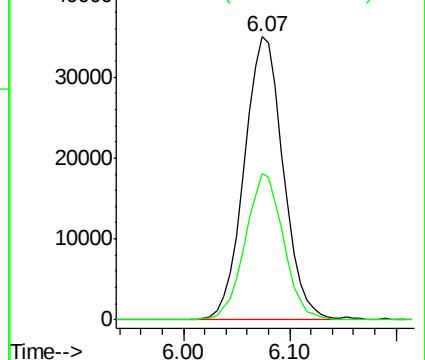
Ion Ratio Lower Upper

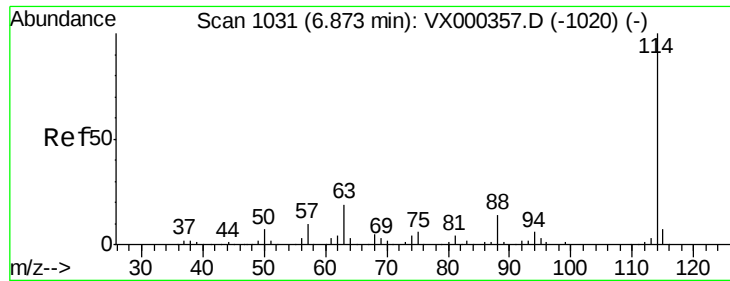
65 100

67 50.6 0.0 103.2



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

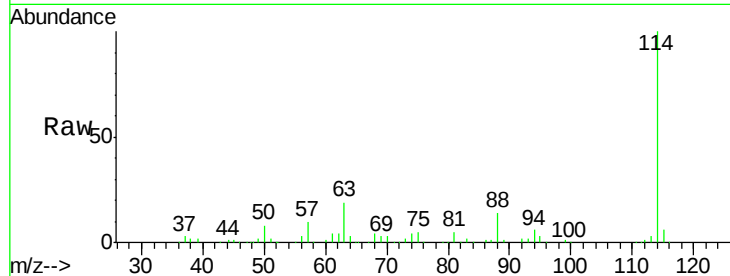




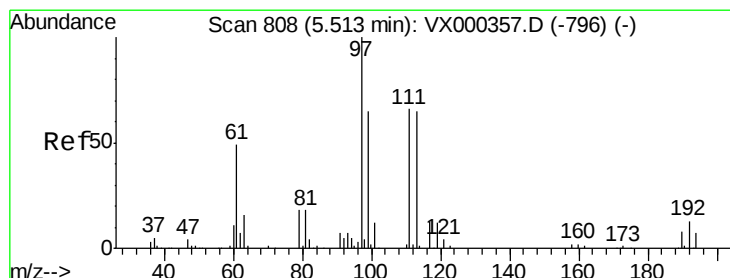
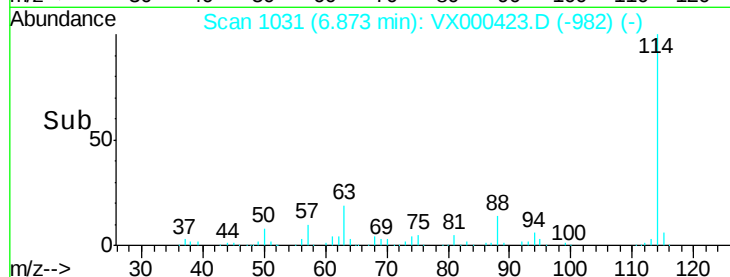
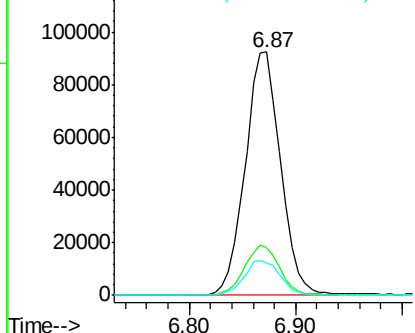
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000423.D
 Acq: 23 Mar 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBL01

Tgt Ion:114 Resp: 215839
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 13.6 0.0 27.0

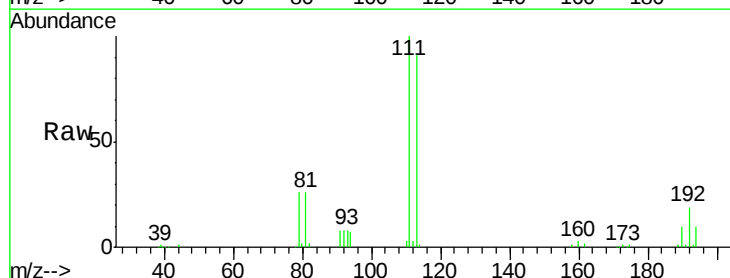


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

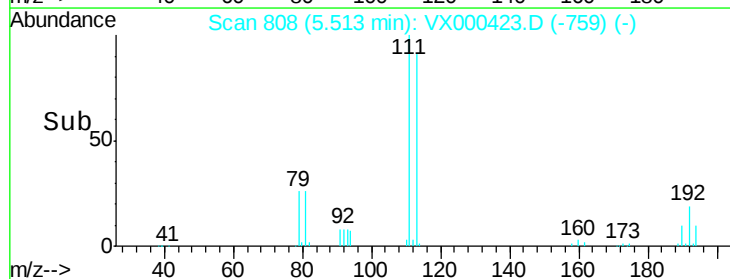
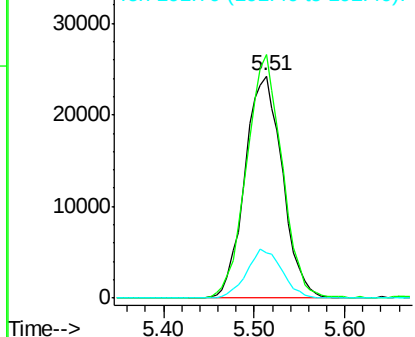


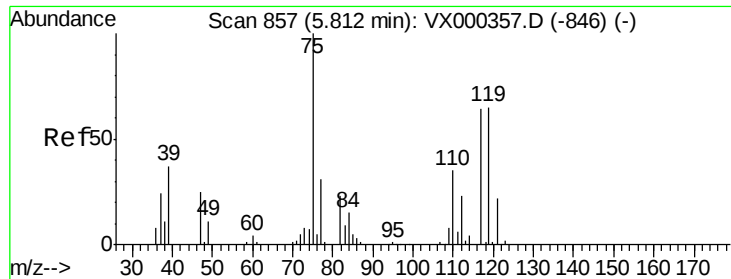
#35
 Dibromofluoromethane
 Concen: 50.91 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000423.D
 Acq: 23 Mar 2018 12:00

Tgt Ion:113 Resp: 69233
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.4 123.6
 192 20.7 15.8 23.6



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

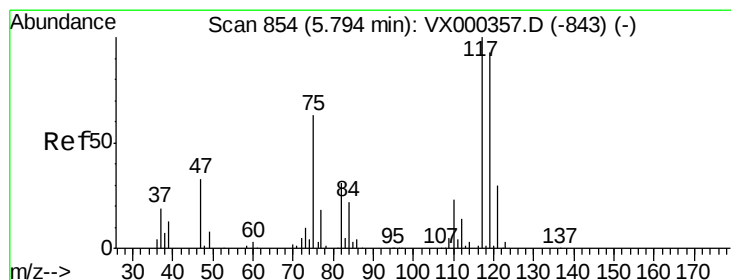
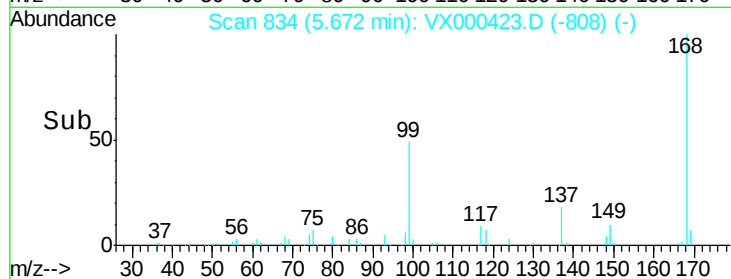
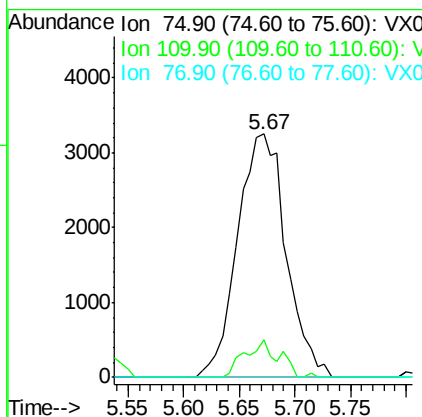
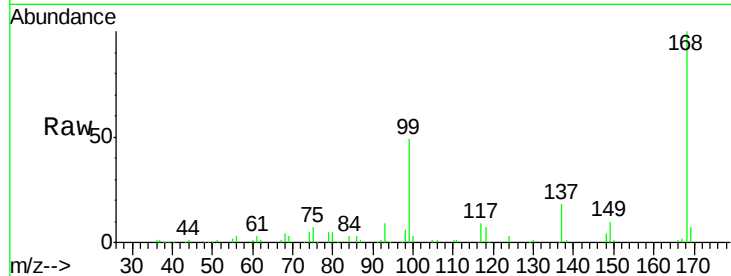




#36
 1,1-Dichloropropene
 Concen: 4.87 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000423.D
 Acq: 23 Mar 2018 12:00

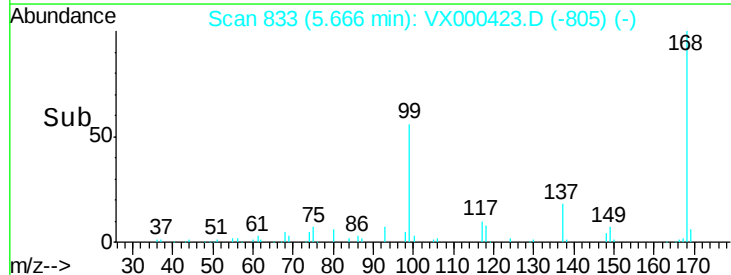
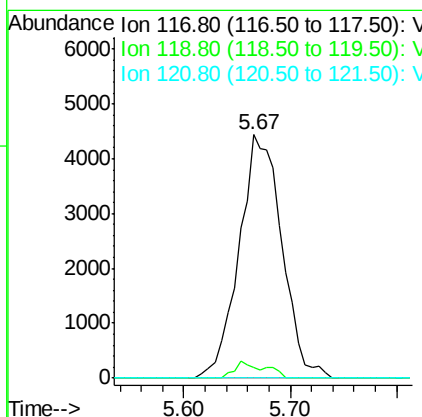
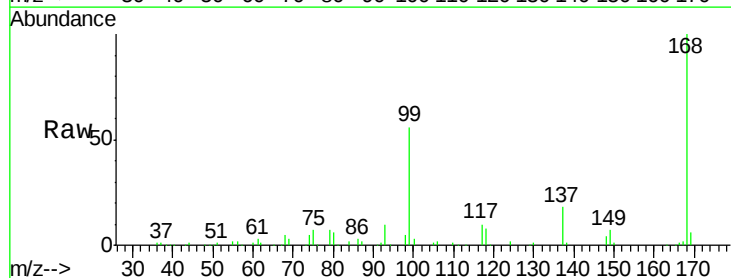
Instrument :
 MSVOA_X
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 VX0323WBL01

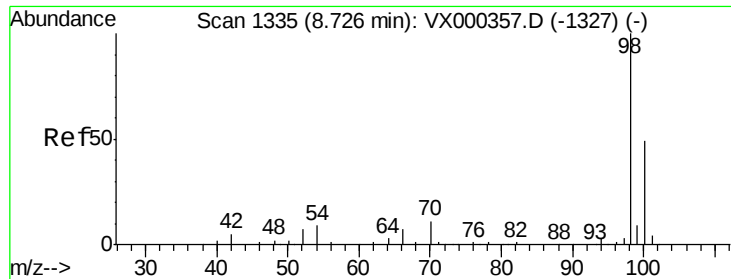
Tgt Ion: 75 Resp: 9838
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.89 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX000423.D
 Acq: 23 Mar 2018 12:00

Tgt Ion: 117 Resp: 12483
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.4 116.2#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000423.D

Acq: 23 Mar 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

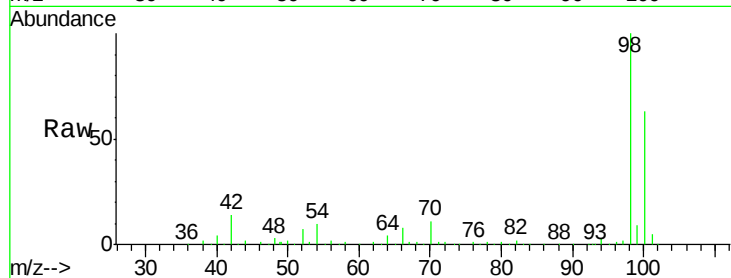
VX0323WBL01

Tgt Ion: 98 Resp: 276717

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

200000

150000

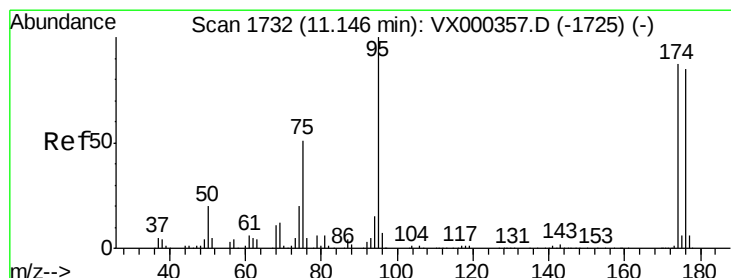
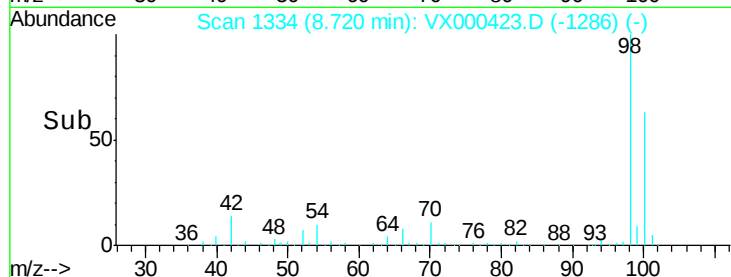
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 39.04 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000423.D

Acq: 23 Mar 2018 12:00

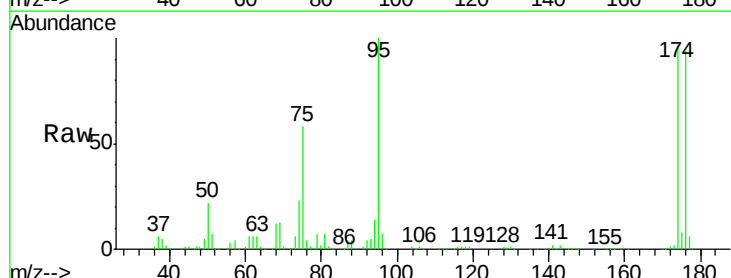
Tgt Ion: 95 Resp: 89237

Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

176 90.4 0.0 164.6



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

11.15

100000

80000

60000

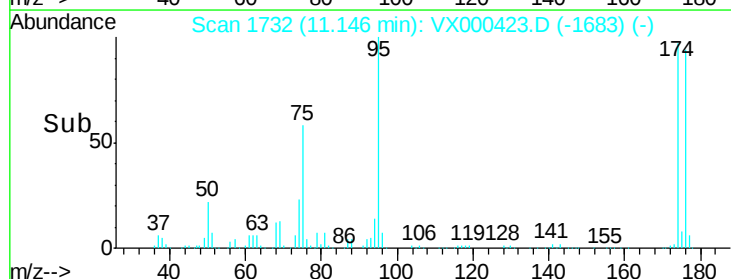
40000

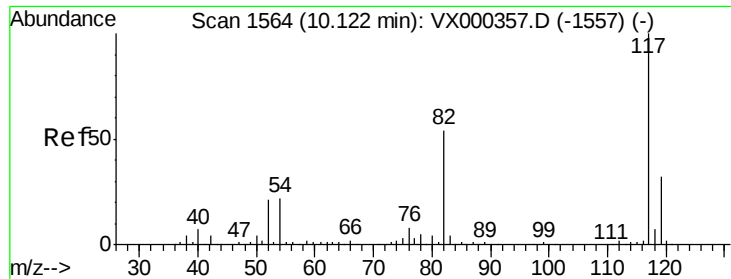
20000

0

11.10 11.15 11.20

Time-->

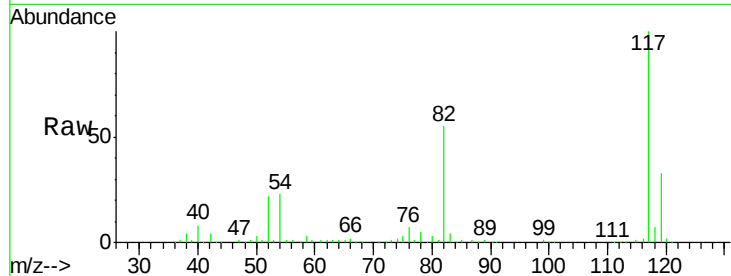




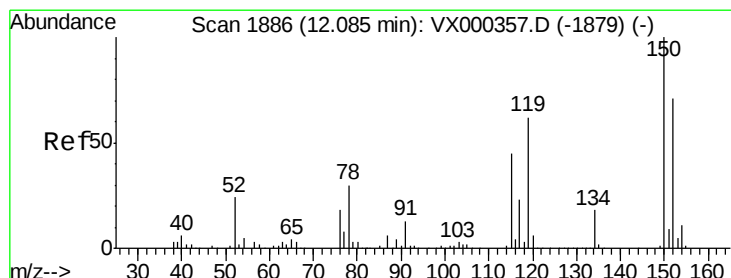
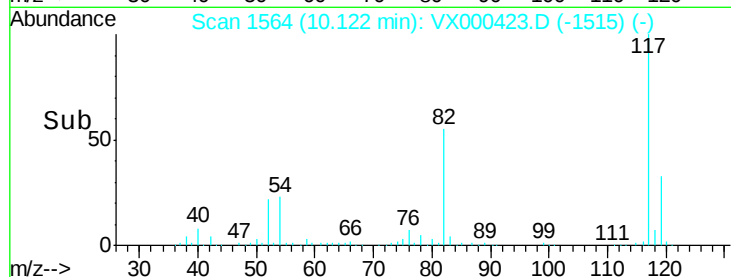
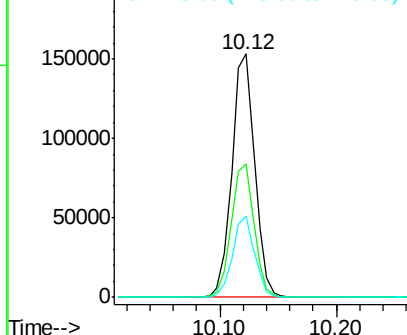
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000423.D
Acq: 23 Mar 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

Tgt Ion:117 Resp: 209505
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 33.2 24.9 37.3

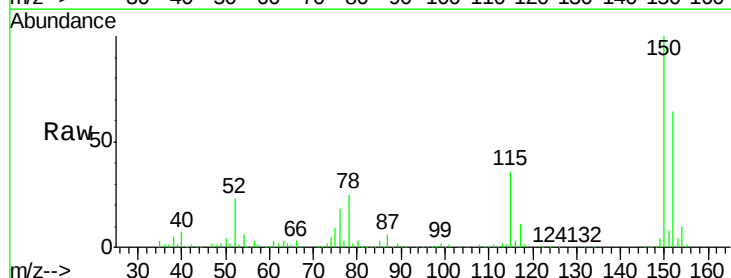


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

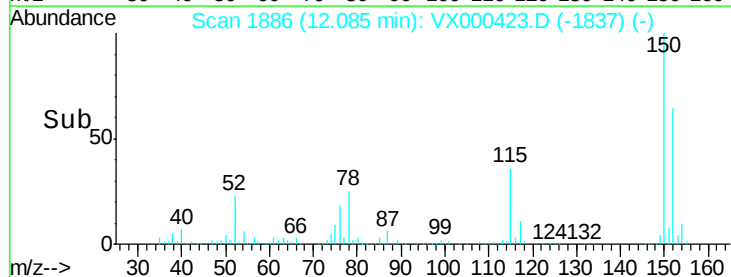
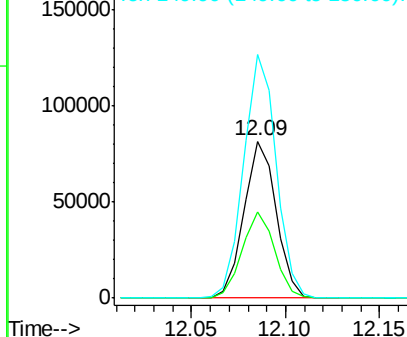


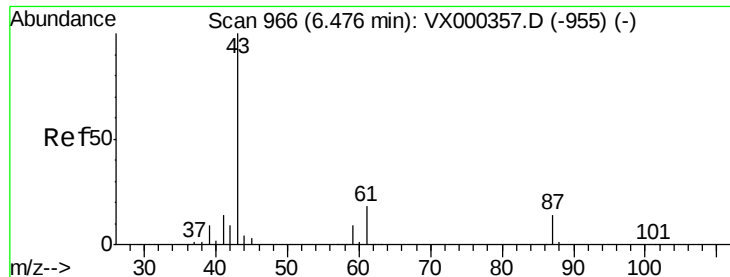
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000423.D
Acq: 23 Mar 2018 12:00

Tgt Ion:152 Resp: 96450
Ion Ratio Lower Upper
152 100
115 55.8 39.8 119.3
150 157.7 0.0 344.4



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





#74

N-amyI acetate

Concen: Below Cal

RT: 6.60 min Scan# 986

Delta R.T. 0.12 min

Lab File: VX000423.D

Acq: 23 Mar 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBL01

Tgt Ion: 43 Resp: 50

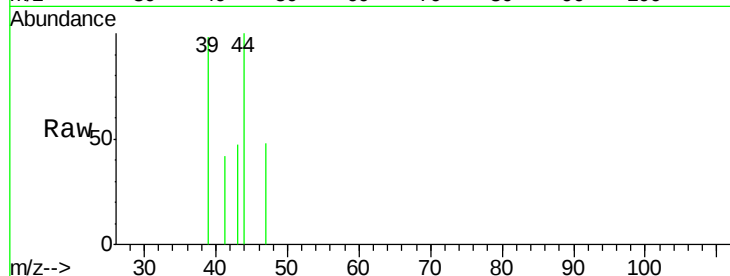
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#



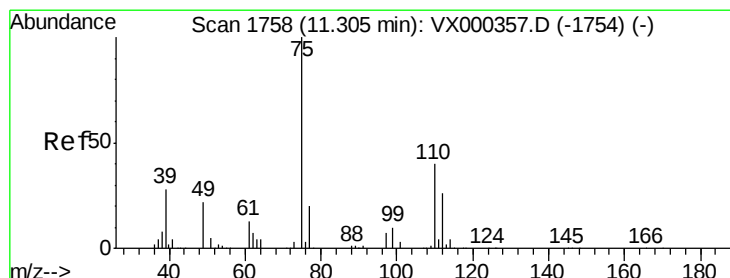
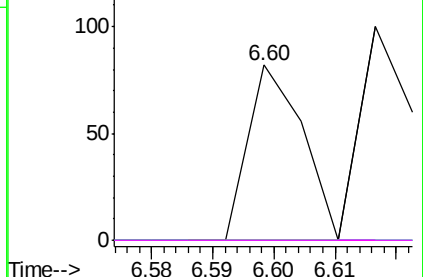
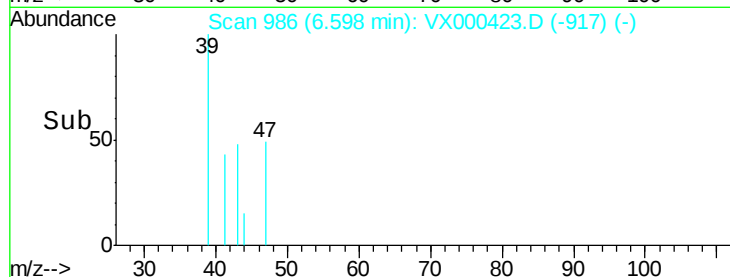
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000423.D

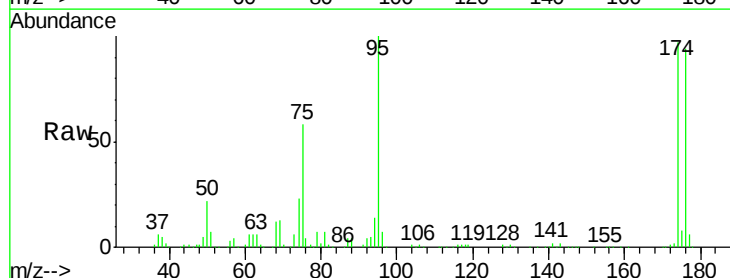
Acq: 23 Mar 2018 12:00

Tgt Ion: 75 Resp: 52536

Ion Ratio Lower Upper

75 100

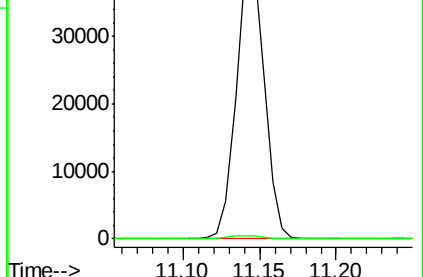
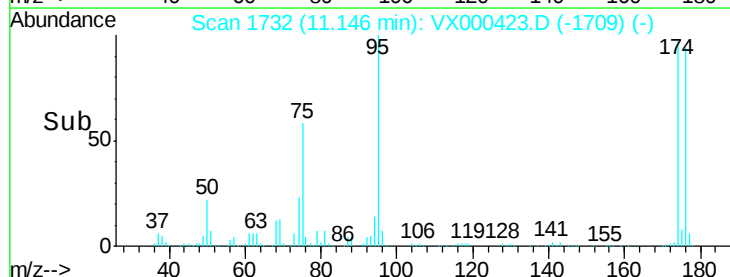
77 1.3 21.4 64.2#

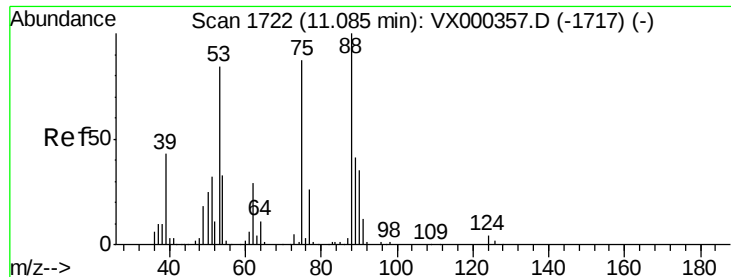


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 82.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000423.D

Acq: 23 Mar 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBL01

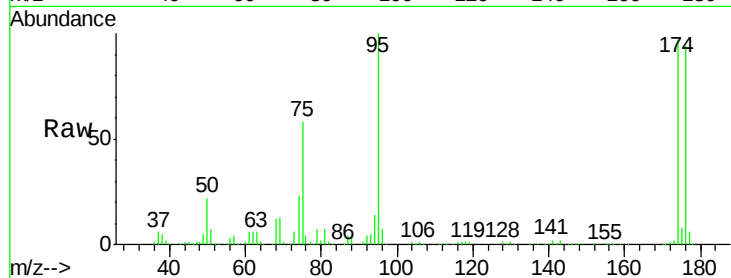
Tgt Ion: 75 Resp: 52536

Ion Ratio Lower Upper

75 100

53 0.1 80.7 121.1#

89 0.0 39.4 59.0#



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

