

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000326.D
 Acq On : 15 Mar 2018 14:12
 Operator : JC/MD
 Sample : VX0315MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315MBL01

Quant Time: Mar 16 02:38:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	184441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	96967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74649	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.51	113	57191	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	8.72	98	239272	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.15	95	83181	40.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.80%	

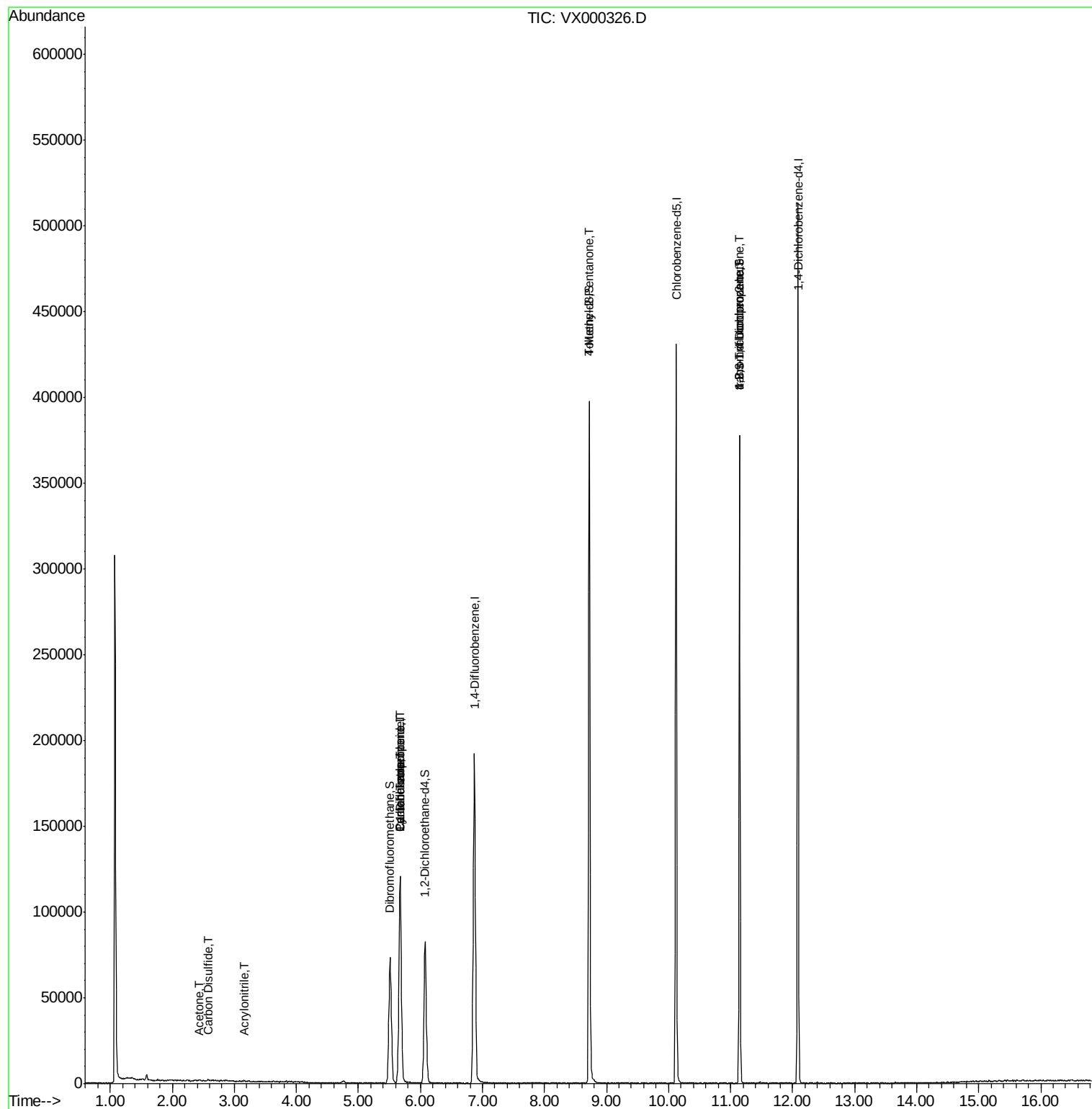
Target Compounds						Qvalue
15) Acrylonitrile	3.15	53	241	0.24	ug/l #	53
16) Acetone	2.44	43	542	0.51	ug/l #	44
17) Carbon Disulfide	2.57	76	901	0.25	ug/l	99
31) Cyclohexane	5.67	56	2947	1.64	ug/l #	45
36) 1,1-Dichloropropene	5.67	75	9063	5.18	ug/l #	51
38) Carbon Tetrachloride	5.68	117	11305	6.41	ug/l #	14
51) 4-Methyl-2-Pentanone	8.72	43	1150	0.44	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	87	Below	Cal #	46
64) Tetrachloroethene	9.34	164	44	Below	Cal #	1
76) 1,2,3-Trichloropropane	11.15	75	49357	27.23	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	49357	75.49	ug/l #	9

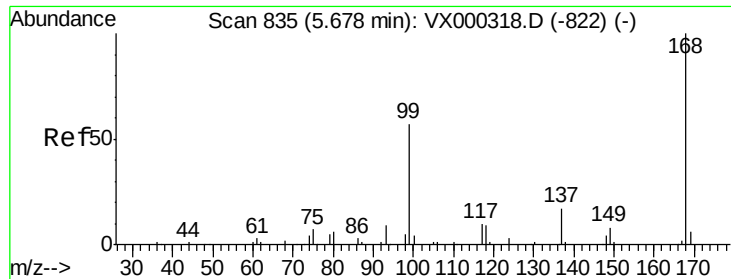
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
Data File : VX000326.D
Acq On : 15 Mar 2018 14:12
Operator : JC/MD
Sample : VX0315MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0315MBL01

Quant Time: Mar 16 02:38:20 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 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: VX000326.D

Acq: 15 Mar 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

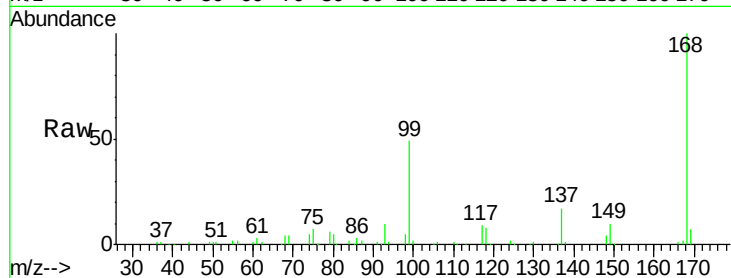
VX0315MBL01

Tgt Ion:168 Resp: 114750

Ion Ratio Lower Upper

168 100

99 49.4 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

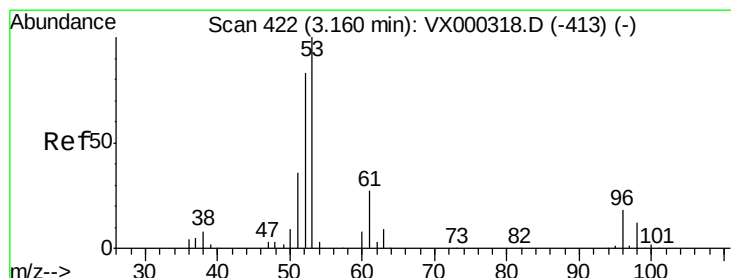
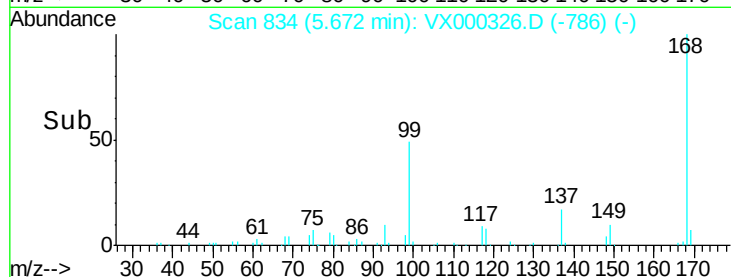
20000

10000

0

5.60 5.70 5.80

Time-->



#15

Acrylonitrile

Concen: 0.24 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000326.D

Acq: 15 Mar 2018 14:12

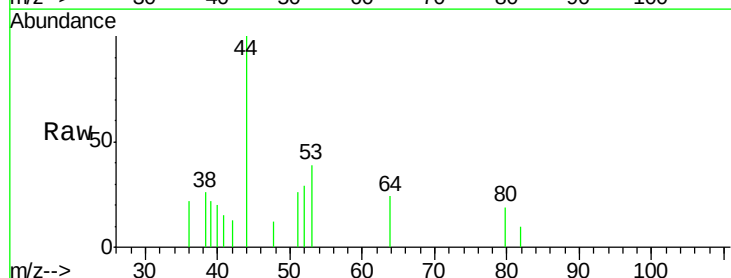
Tgt Ion: 53 Resp: 241

Ion Ratio Lower Upper

53 100

52 110.8 66.6 99.8#

51 87.1 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

3.15

250

200

150

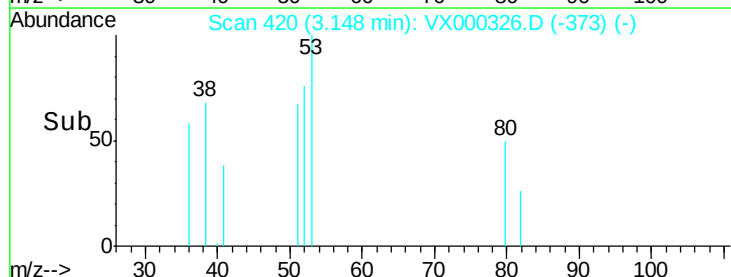
100

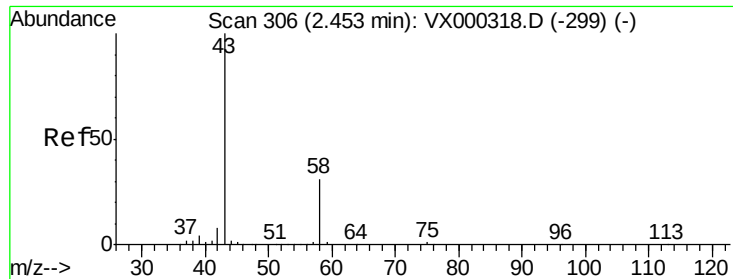
50

0

3.10 3.15

Time-->





#16

Acetone

Concen: 0.51 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX000326.D

Acq: 15 Mar 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

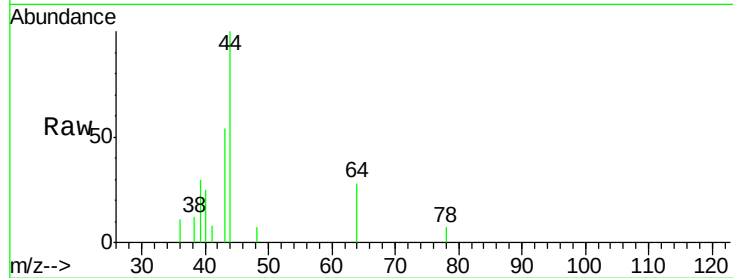
VX0315MBL01

Tgt Ion: 43 Resp: 542

Ion Ratio Lower Upper

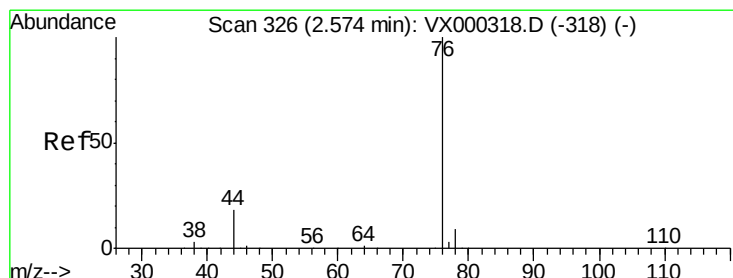
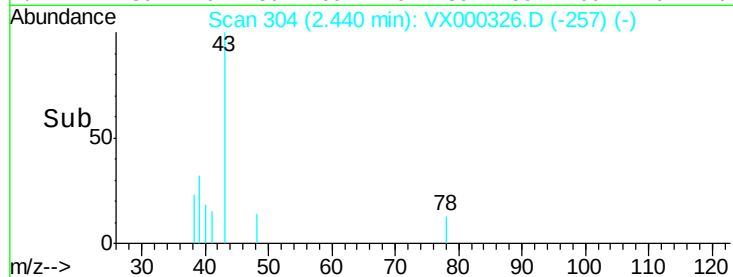
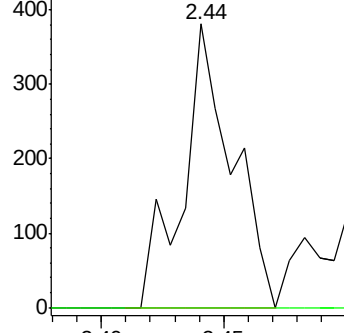
43 100

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: 0.25 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000326.D

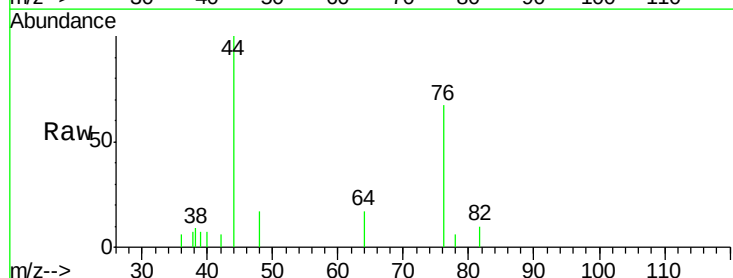
Acq: 15 Mar 2018 14:12

Tgt Ion: 76 Resp: 901

Ion Ratio Lower Upper

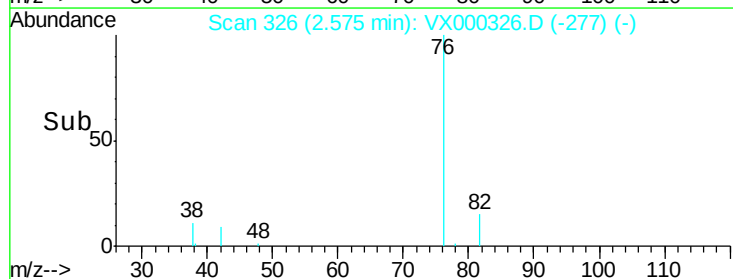
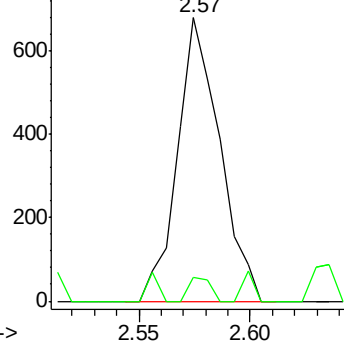
76 100

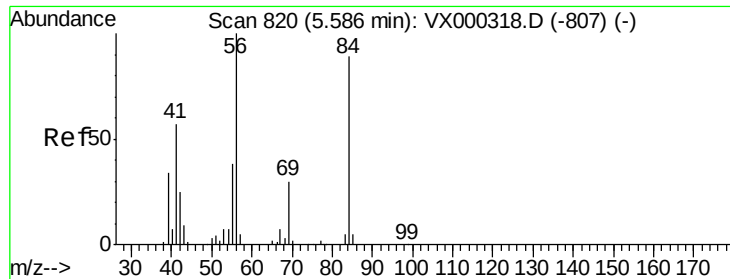
78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

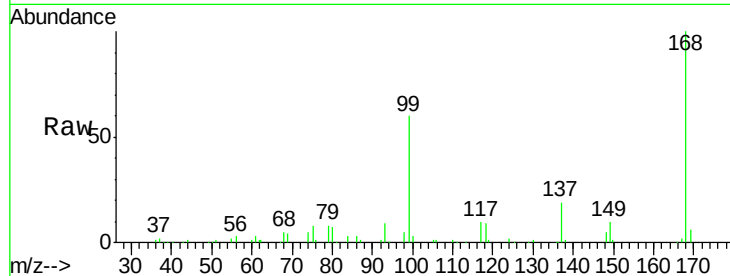




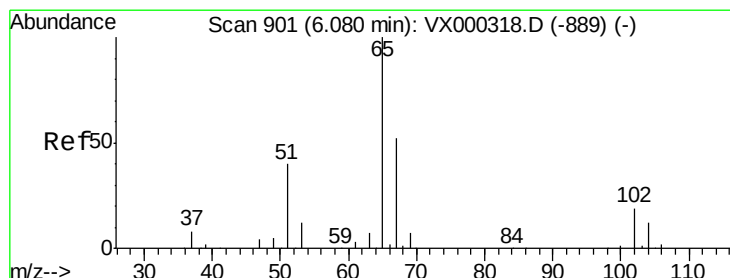
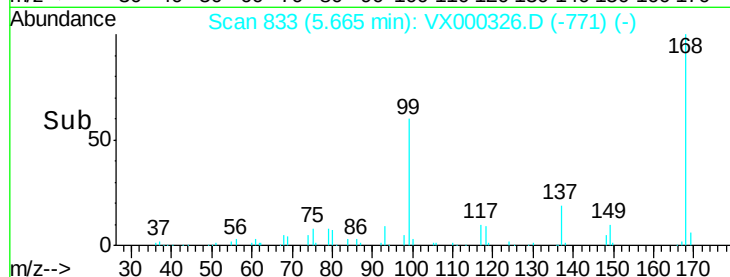
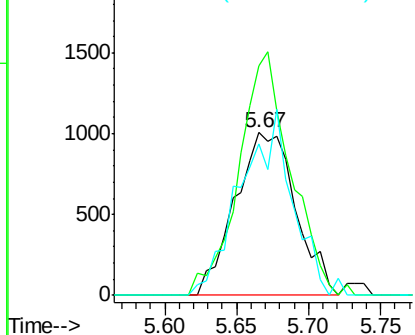
#31
Cyclohexane
Concen: 1.64 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0315MBL01

Tgt Ion: 56 Resp: 2947
Ion Ratio Lower Upper
56 100
69 141.0 23.4 35.0#
84 93.2 71.0 106.4

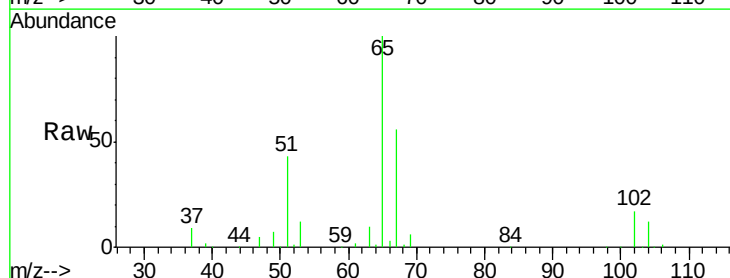


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

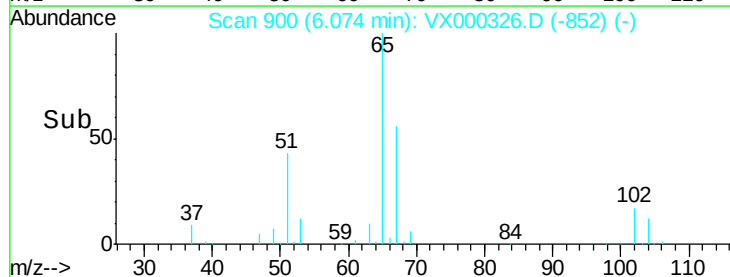
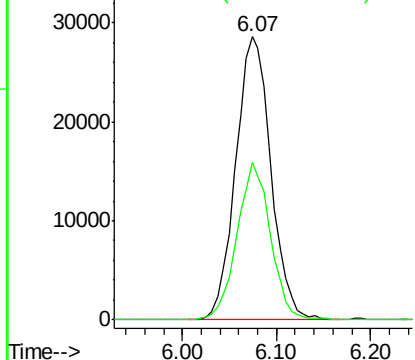


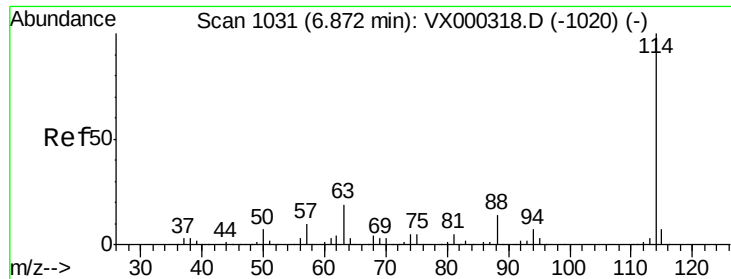
#33
1,2-Dichloroethane-d4
Concen: 47.03 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

Tgt Ion: 65 Resp: 74649
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.2



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

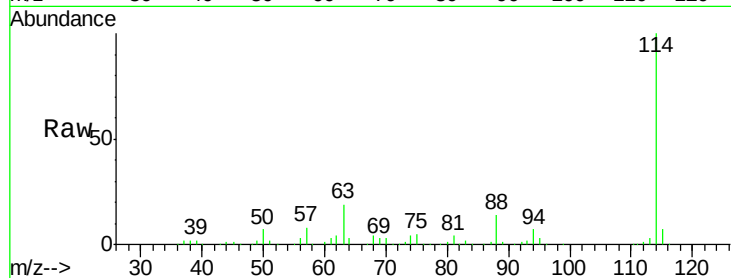




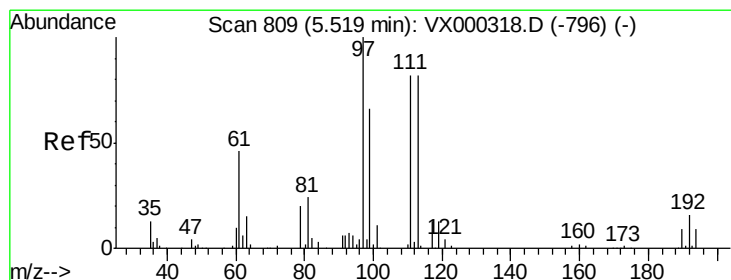
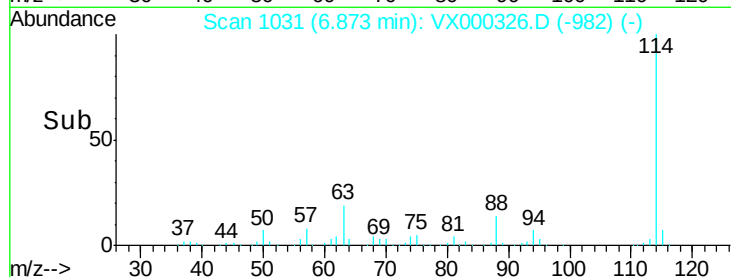
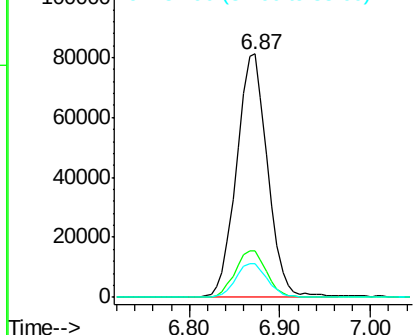
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000326.D
 Acq: 15 Mar 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315MBL01

Tgt Ion:114 Resp: 192679
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 13.8 0.0 27.0

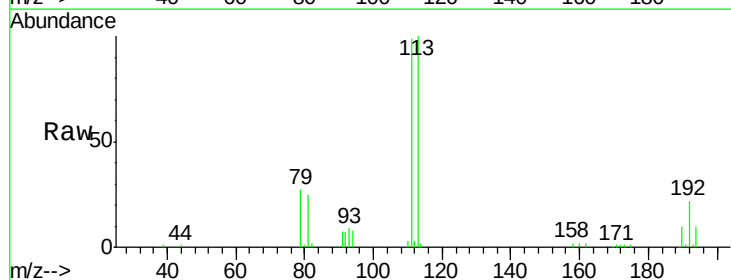


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

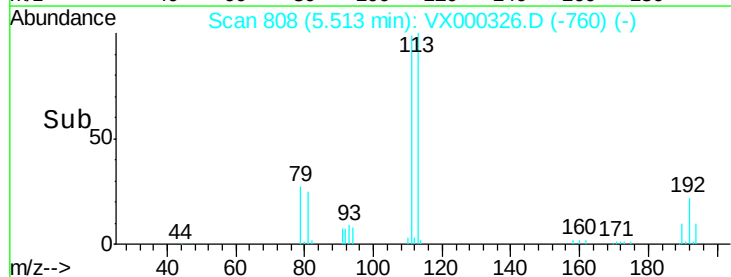
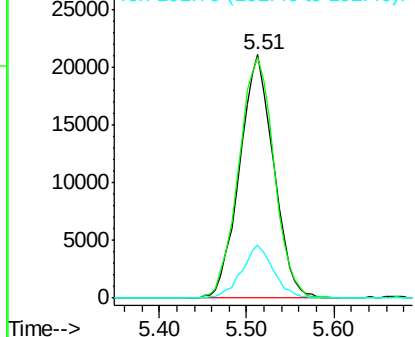


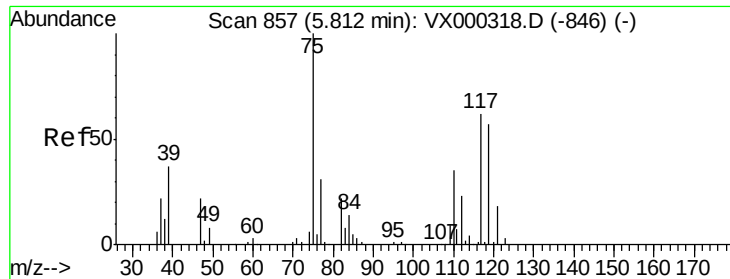
#35
 Dibromofluoromethane
 Concen: 47.04 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000326.D
 Acq: 15 Mar 2018 14:12

Tgt Ion:113 Resp: 57191
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 20.3 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

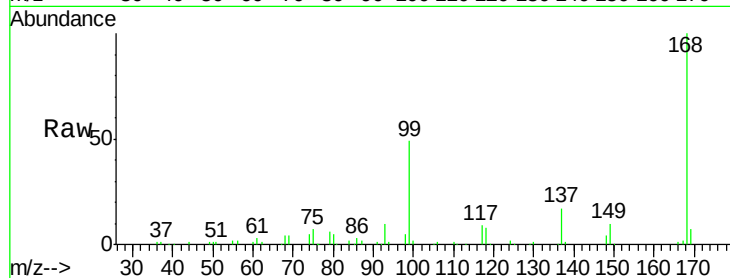




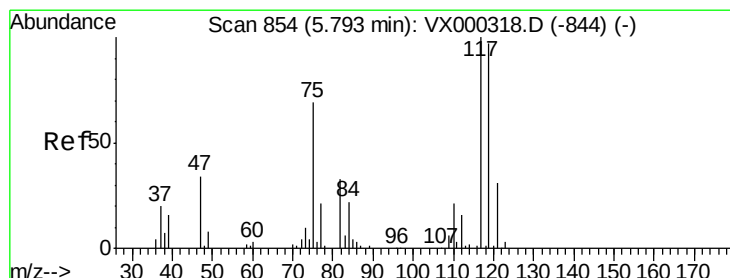
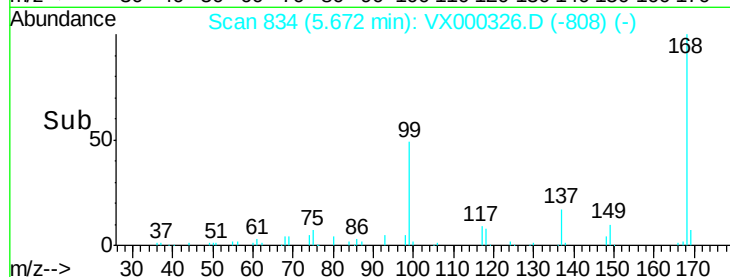
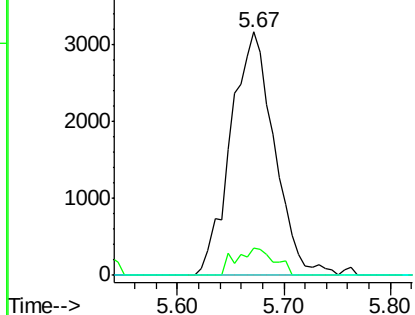
#36
 1,1-Dichloropropene
 Concen: 5.18 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000326.D
 Acq: 15 Mar 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315MBL01

Tgt Ion: 75 Resp: 9063
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.9 53.7#
 77 0.0 24.0 36.0#

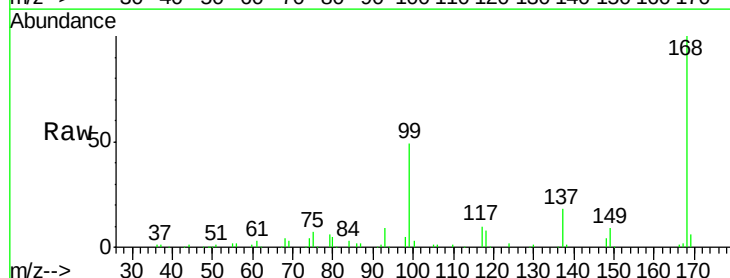


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

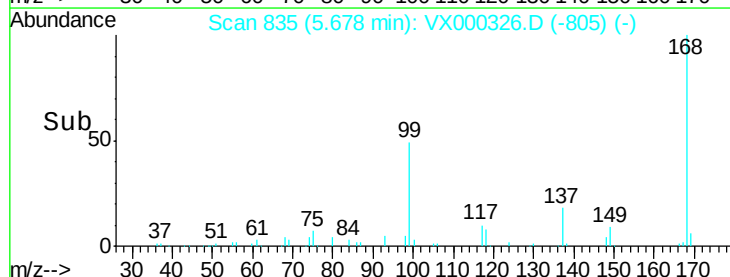
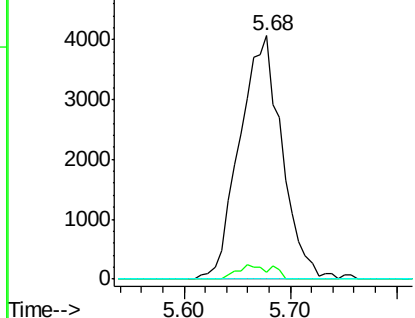


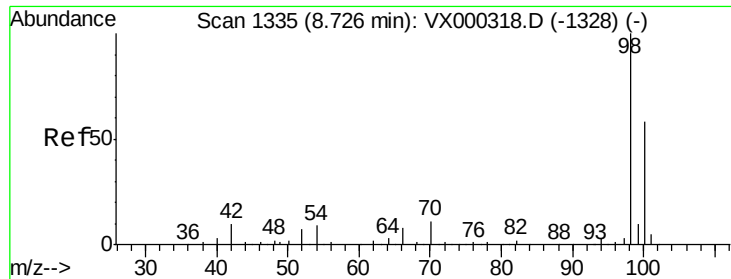
#38
 Carbon Tetrachloride
 Concen: 6.41 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000326.D
 Acq: 15 Mar 2018 14:12

Tgt Ion: 117 Resp: 11305
 Ion Ratio Lower Upper
 117 100
 119 2.8 77.4 116.2#
 121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

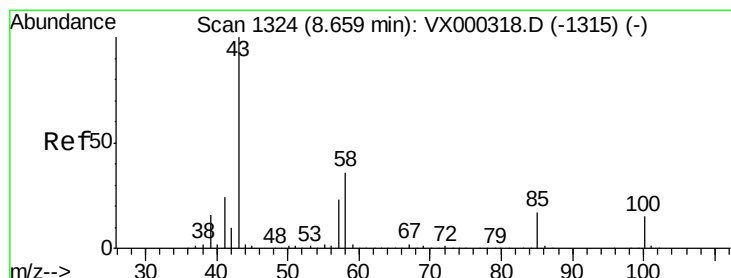
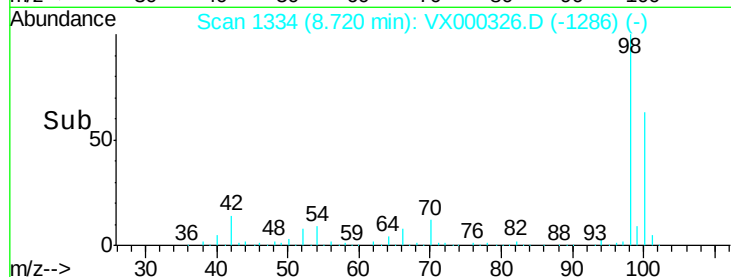
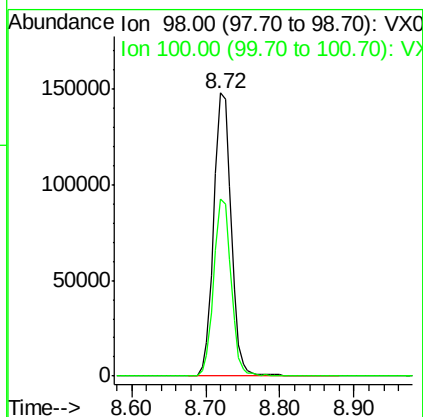
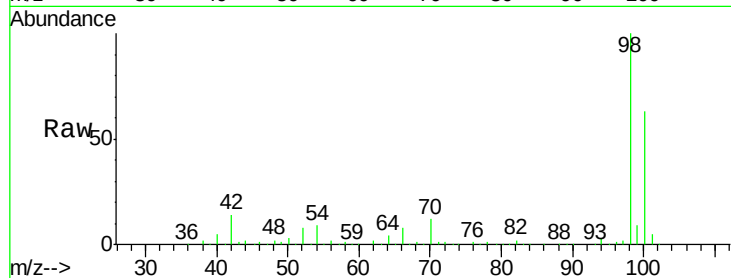




#50
Toluene-d8
Concen: 47.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

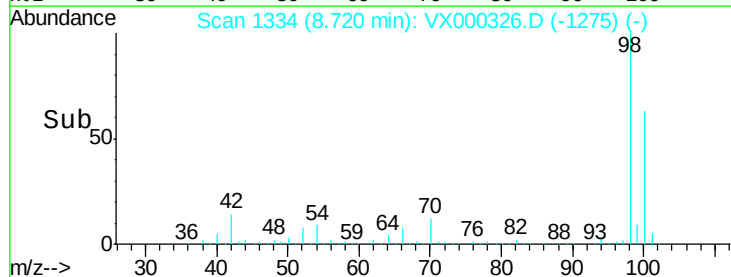
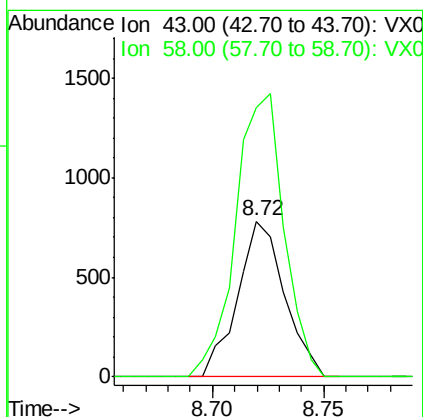
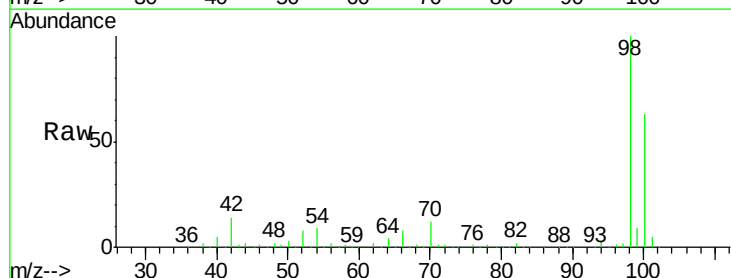
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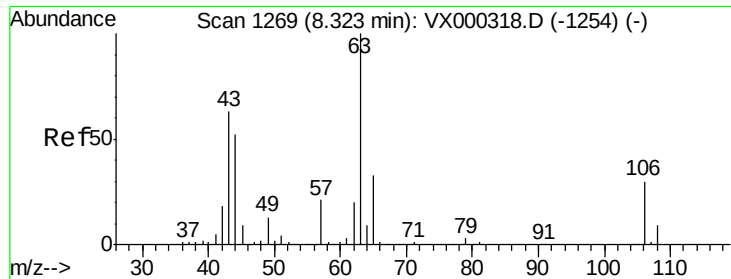
Tgt Ion: 98 Resp: 239272
Ion Ratio Lower Upper
98 100
100 62.2 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 186.4 30.3 45.5#

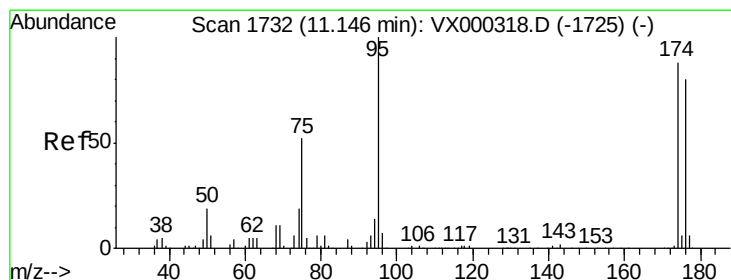
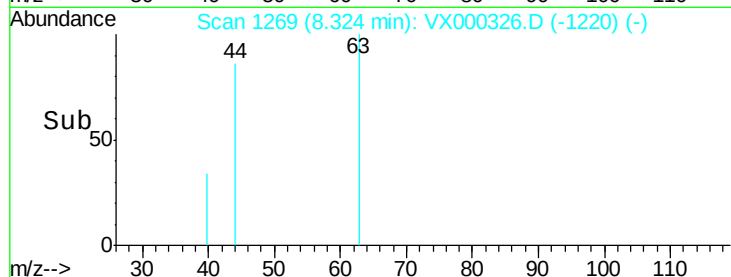
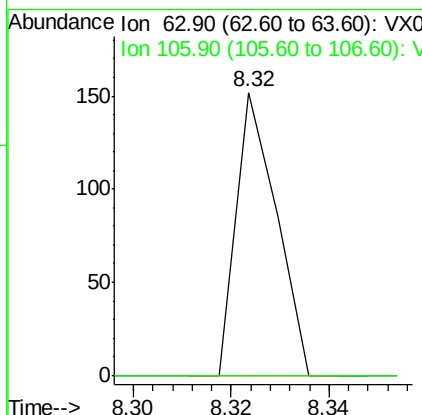
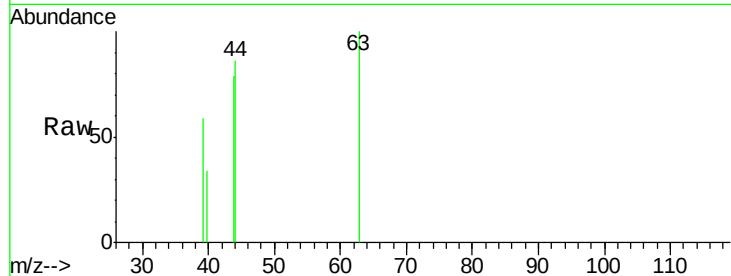




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

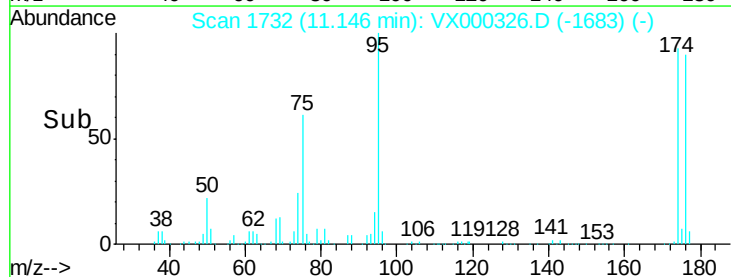
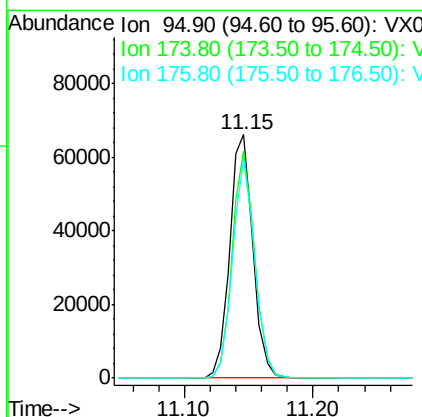
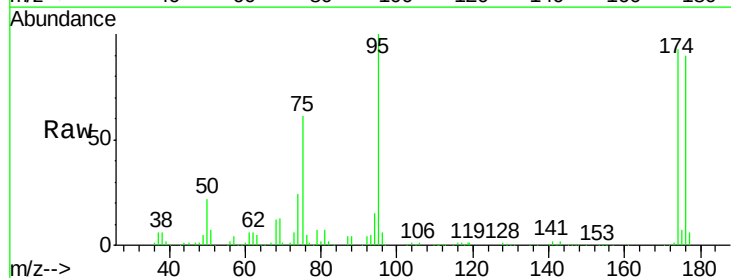
Instrument :
MSVOA_X
ClientSampleId :
VX0315MBL01

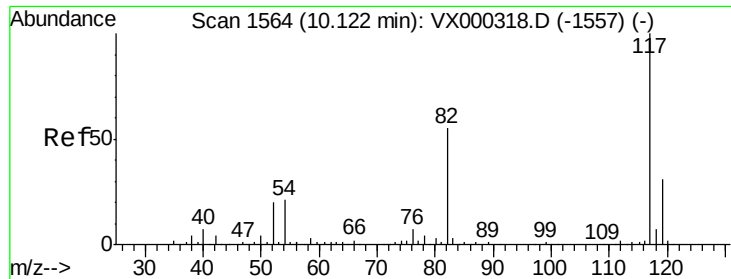
Tgt Ion: 63 Resp: 87
Ion Ratio Lower Upper
63 100
106 0.0 23.2 34.8#



#62
4-Bromofluorobenzene
Concen: 40.90 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

Tgt Ion: 95 Resp: 83181
Ion Ratio Lower Upper
95 100
174 90.4 0.0 173.6
176 86.3 0.0 164.6

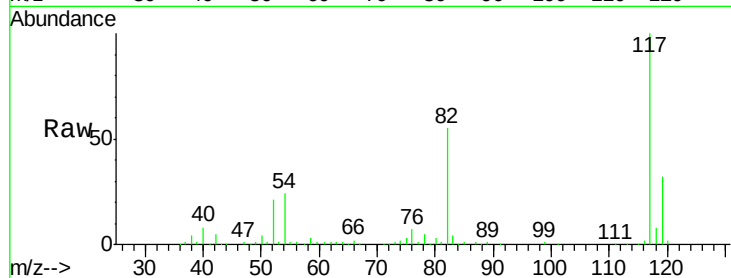




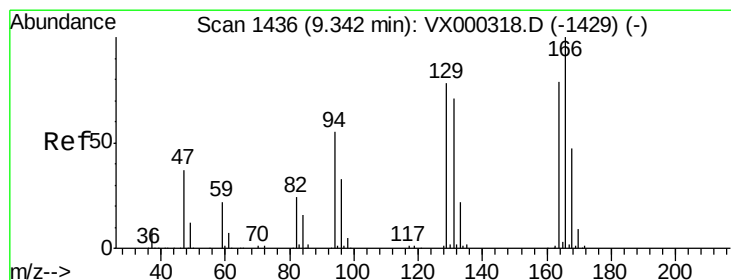
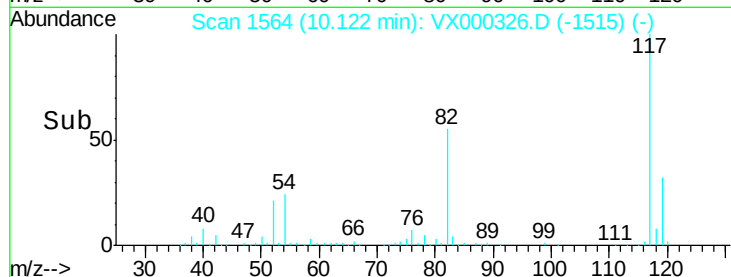
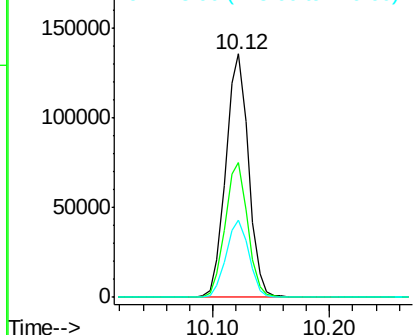
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0315MBL01

Tgt Ion:117 Resp: 184441
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 31.8 24.9 37.3

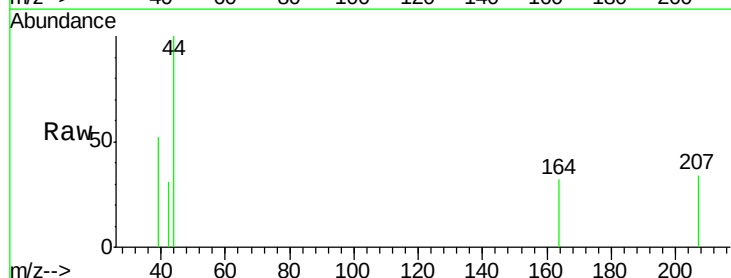


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

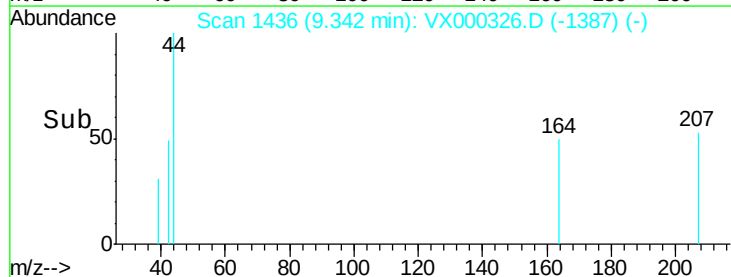
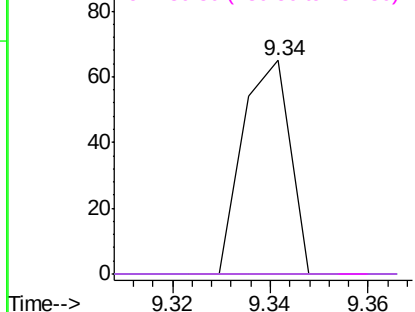


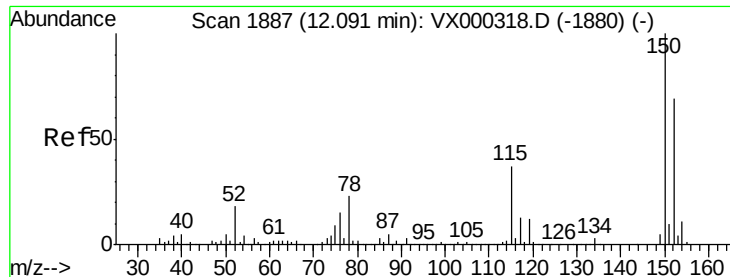
#64
Tetrachloroethene
Concen: Below Cal
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000326.D
Acq: 15 Mar 2018 14:12

Tgt Ion:164 Resp: 44
Ion Ratio Lower Upper
164 100
166 0.0 101.0 151.6#
129 0.0 79.0 118.4#
131 0.0 71.9 107.9#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000326.D

Acq: 15 Mar 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0315MBL01

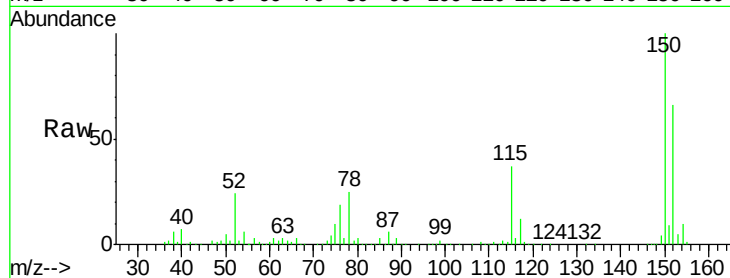
Tgt Ion:152 Resp: 96967

Ion Ratio Lower Upper

152 100

115 57.0 39.8 119.3

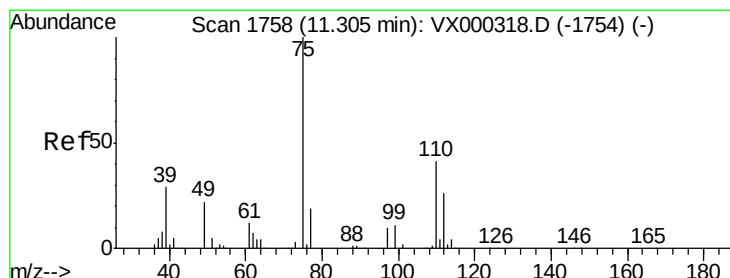
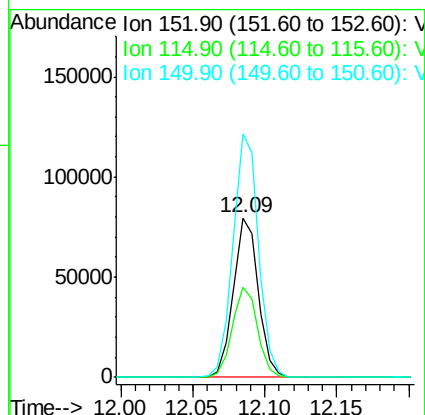
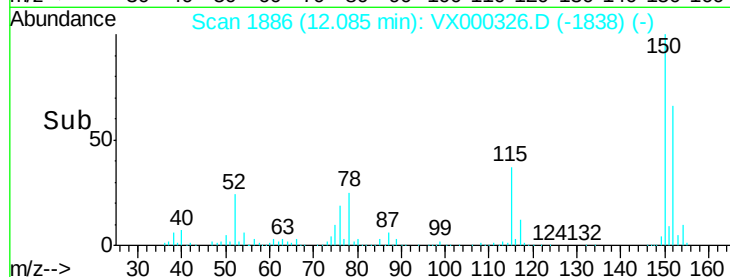
150 156.2 0.0 344.4



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



#76

1,2,3-Trichloropropane

Concen: 27.23 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000326.D

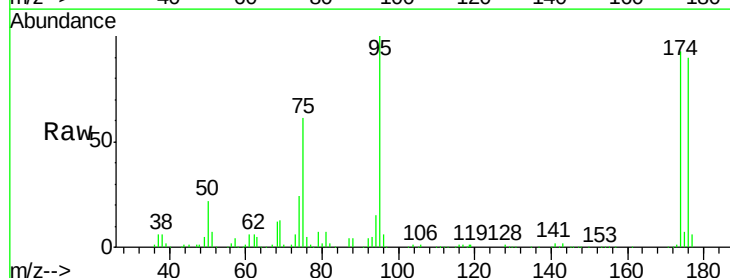
Acq: 15 Mar 2018 14:12

Tgt Ion: 75 Resp: 49357

Ion Ratio Lower Upper

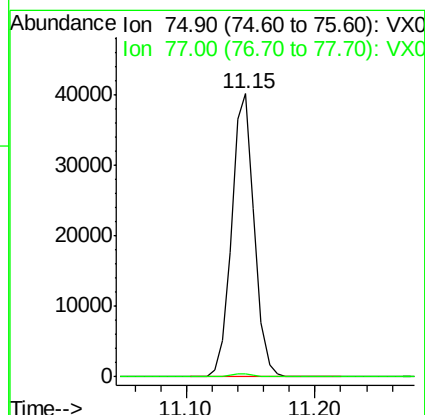
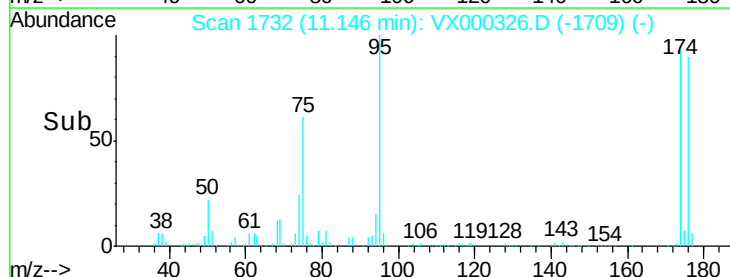
75 100

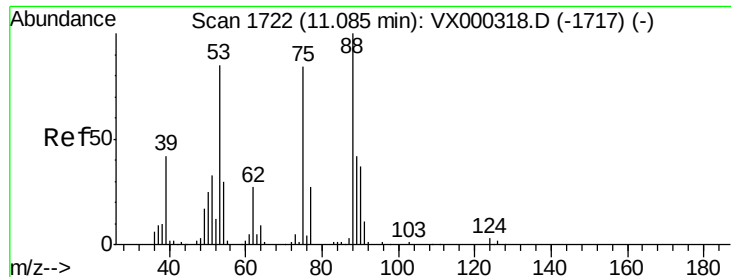
77 1.2 21.4 64.2#



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: 75.49 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000326.D

Acq: 15 Mar 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0315MBL01

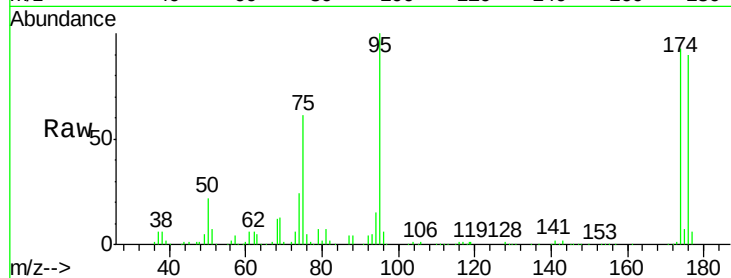
Tgt Ion: 75 Resp: 49357

Ion Ratio Lower Upper

75 100

53 0.0 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

