

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031618\
 Data File : VX000344.D
 Acq On : 16 Mar 2018 13:16
 Operator : JC/MD
 Sample : VX0316MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 14:44:23 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	98296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	163928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	153726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	70916	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	66548	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	5.51	113	50500	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	8.73	98	201403	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
62) 4-Bromofluorobenzene	11.15	95	66237	38.28	ug/l	0.00
Spiked Amount			Recovery	=	76.56%	

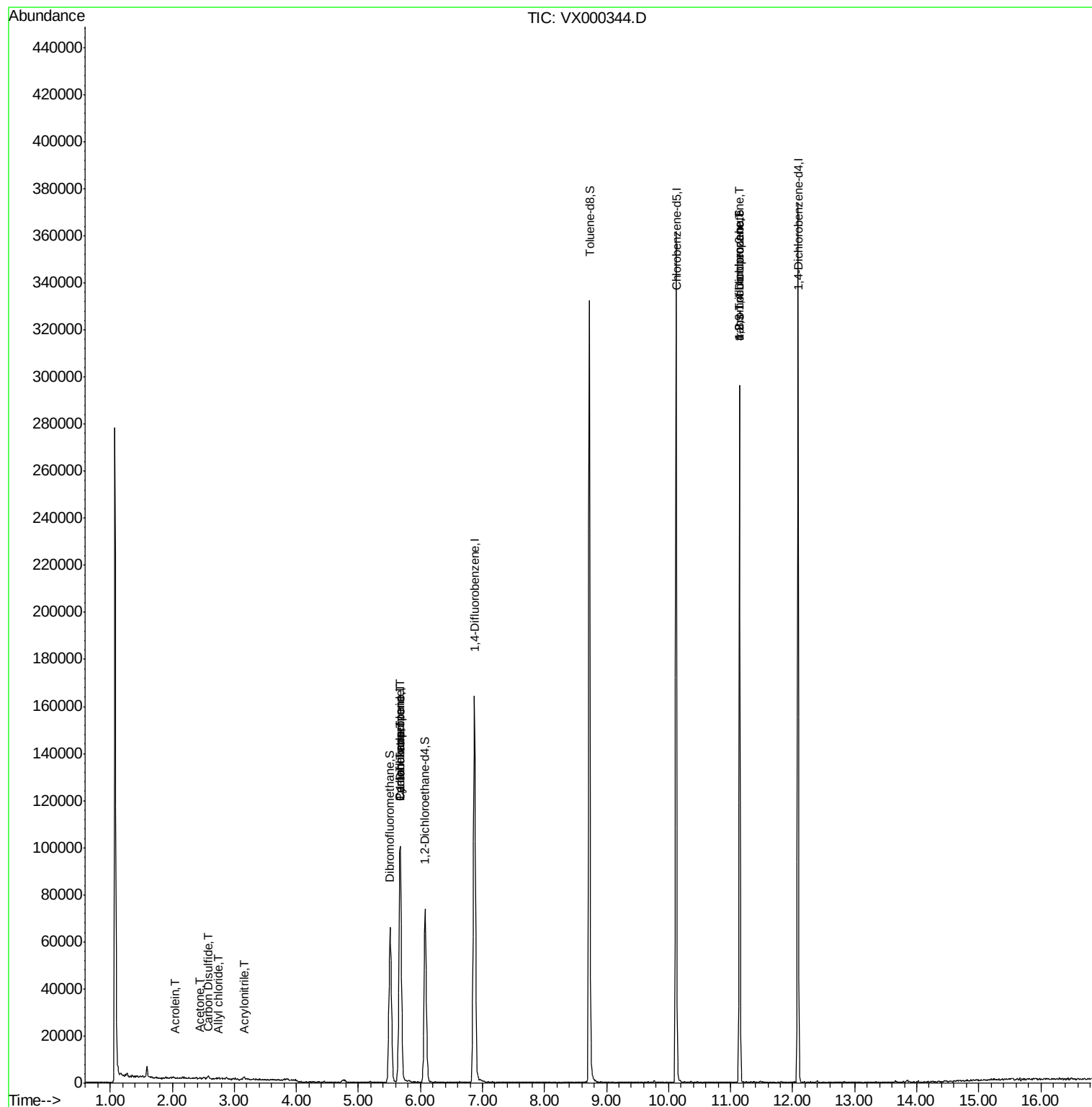
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.04	56	61	0.32	ug/l #	56
14) Allyl chloride	2.74	41	426	0.22	ug/l #	56
15) Acrylonitrile	3.15	53	474	0.56	ug/l	95
16) Acetone	2.45	43	478	0.53	ug/l #	44
17) Carbon Disulfide	2.58	76	808	0.26	ug/l #	39
31) Cyclohexane	5.67	56	2474	1.61	ug/l #	33
36) 1,1-Dichloropropene	5.67	75	7620	5.12	ug/l #	50
38) Carbon Tetrachloride	5.68	117	9876	6.58	ug/l #	16
76) 1,2,3-Trichloropropane	11.15	75	39193	29.75	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	39193	81.75	ug/l #	9

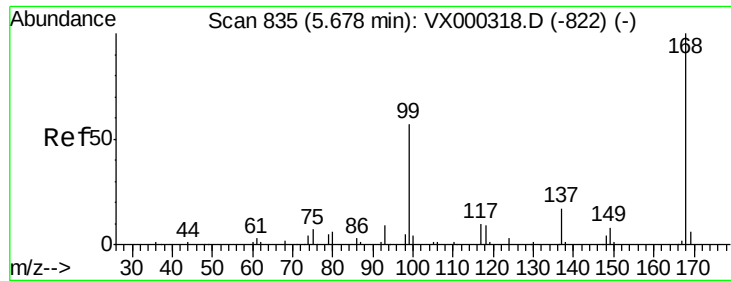
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031618\
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Sample : VX0316MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 14:44:23 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

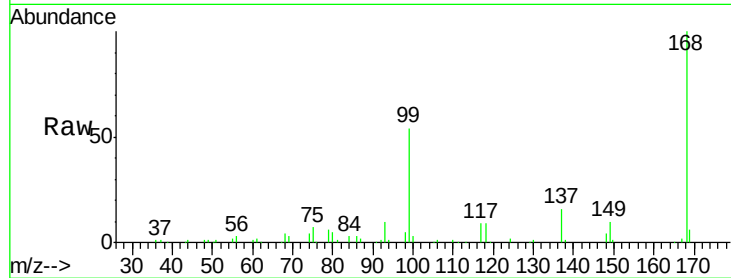




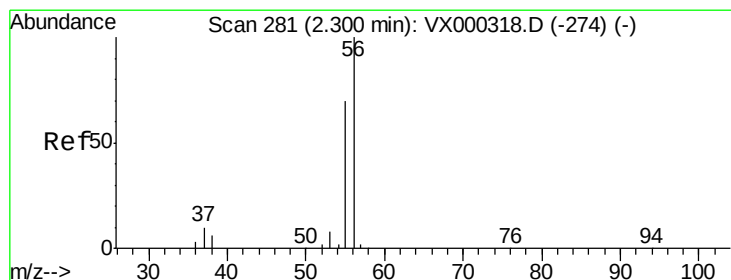
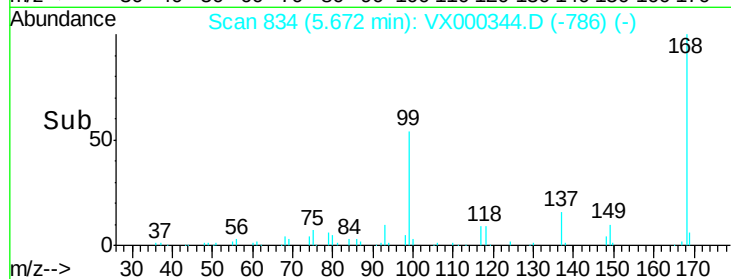
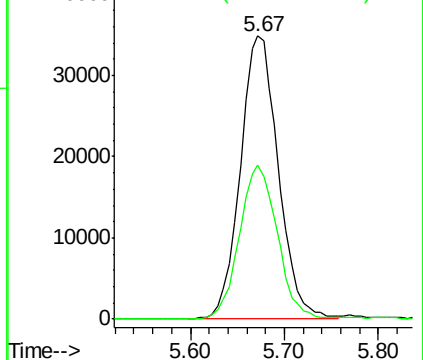
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000344.D
Acq: 16 Mar 2018 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 98296
Ion Ratio Lower Upper
168 100
99 54.3 45.8 68.6

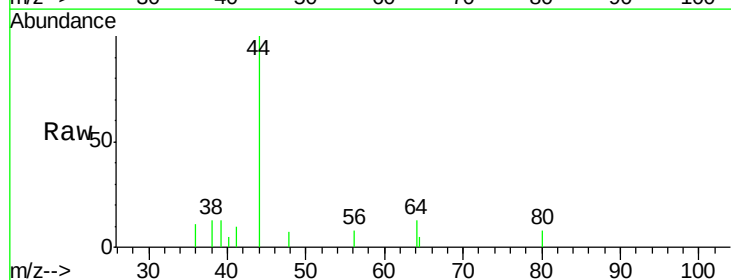


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

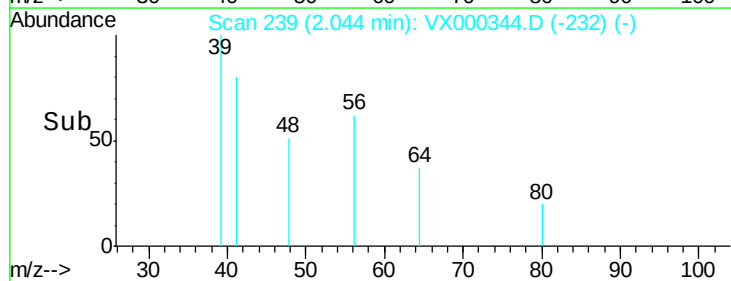
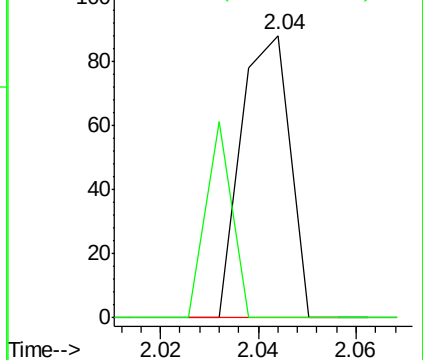


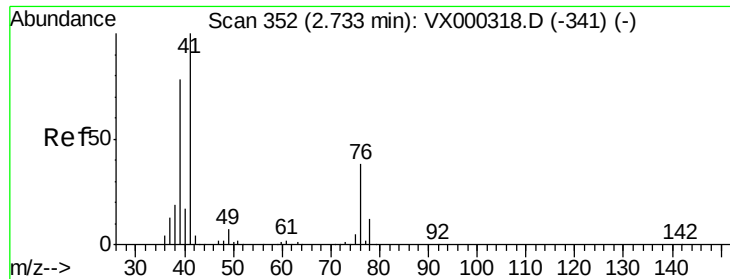
#13
Acrolein
Concen: 0.32 ug/l
RT: 2.04 min Scan# 239
Delta R.T. -0.26 min
Lab File: VX000344.D
Acq: 16 Mar 2018 13:16

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 36.1 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

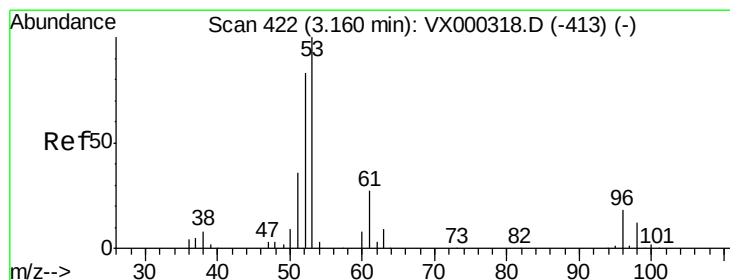
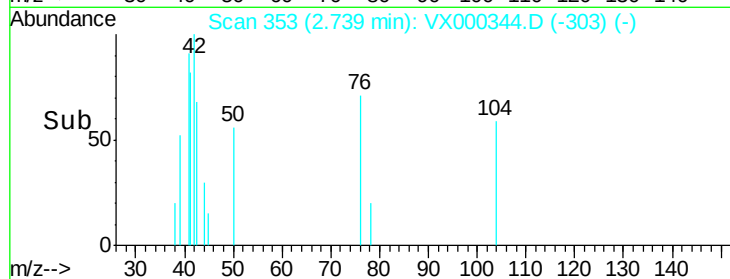
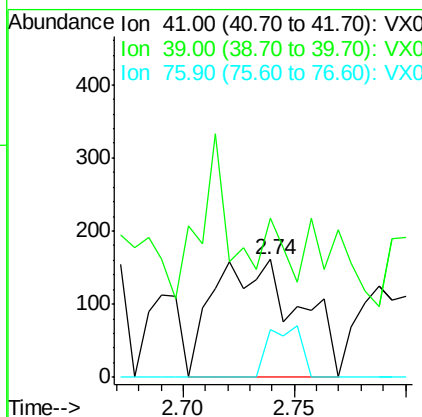
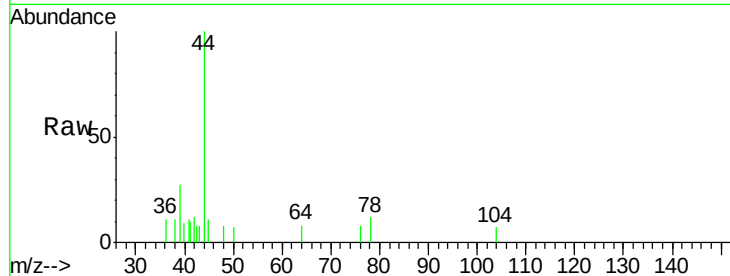




#14
Allvl chloride
Concen: 0.22 ug/l
RT: 2.74 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX000344.D
Acq: 16 Mar 2018 13:16

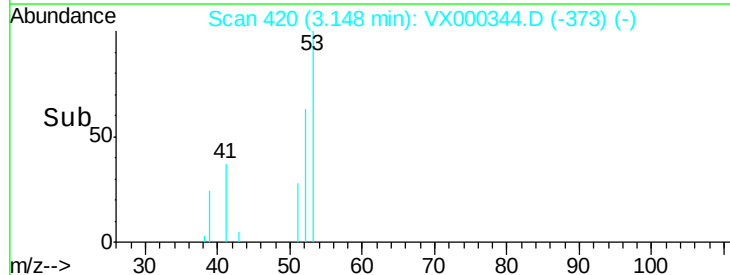
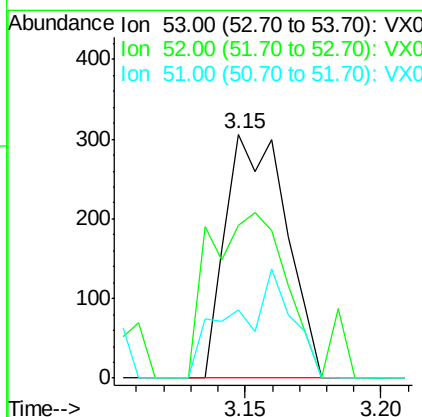
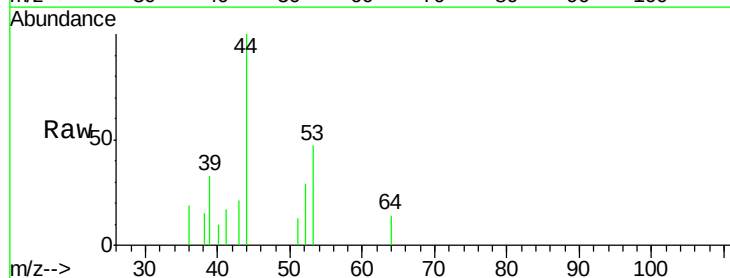
Instrument :
MSVOA_X
ClientSampled :

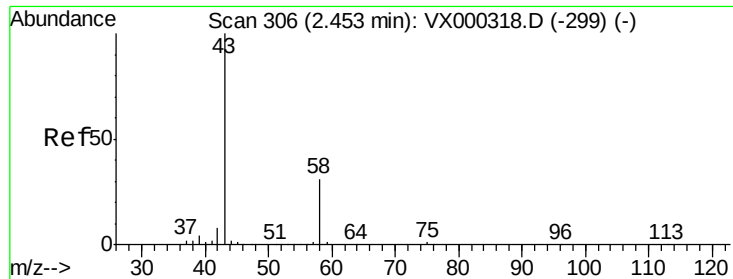
Tot Ion: 41 Resp: 426
Ion Ratio Lower Upper
41 100
39 30.5 57.6 86.4#
76 16.4 27.3 40.9#



#15
Acrylonitrile
Concen: 0.56 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX000344.D
Acq: 16 Mar 2018 13:16

Tgt Ion: 53 Resp: 474
Ion Ratio Lower Upper
53 100
52 84.8 66.6 99.8
51 43.7 29.3 43.9





#16

Acetone

Concen: 0.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000344.D

Acq: 16 Mar 2018 13:16

Instrument :

MSVOA_X

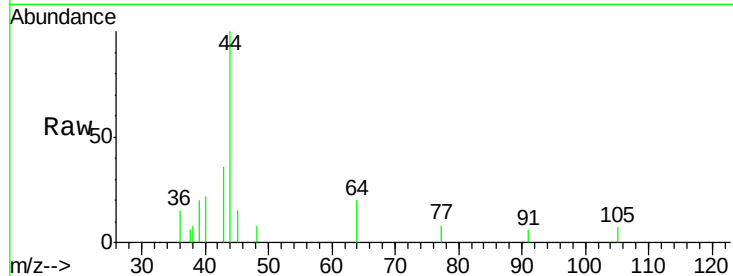
ClientSampled :

Tot Ion: 43 Resp: 478

Ion Ratio Lower Upper

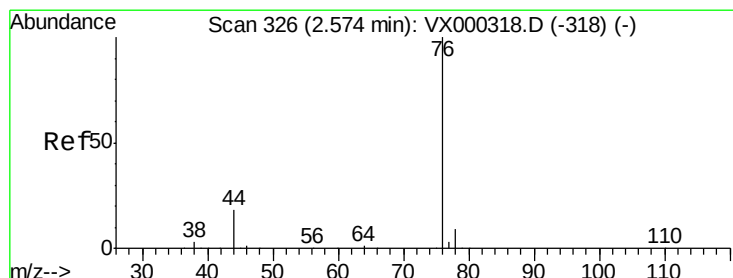
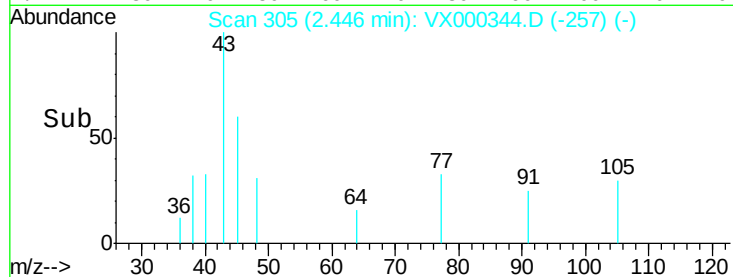
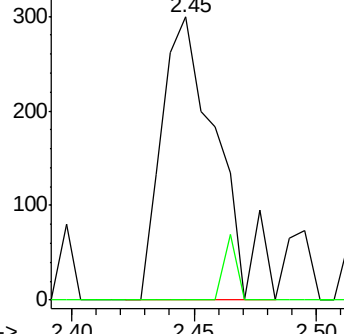
43 100

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: VX000344.D

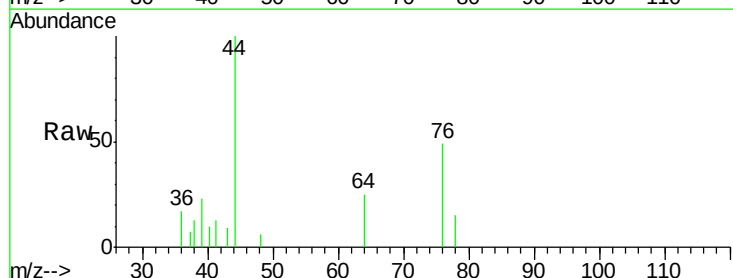
Acq: 16 Mar 2018 13:16

Tgt Ion: 76 Resp: 808

Ion Ratio Lower Upper

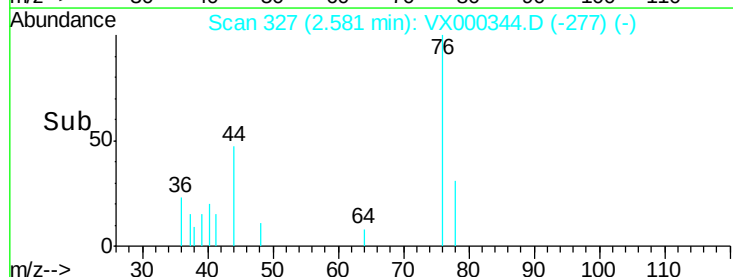
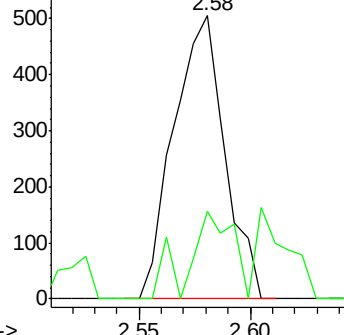
76 100

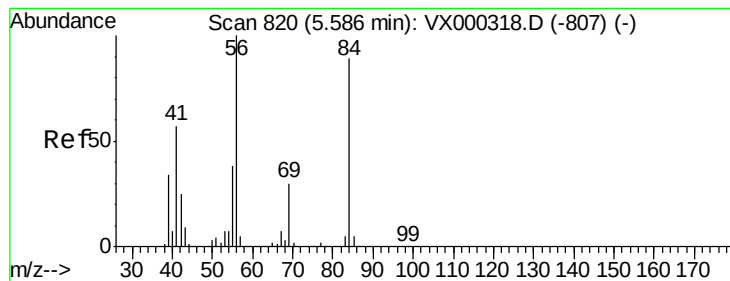
78 30.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#31

Cyclohexane

Concen: 1.61 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

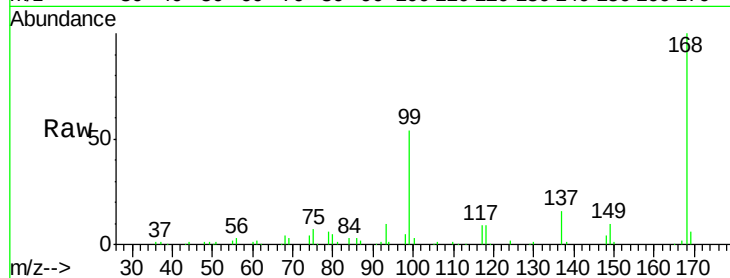
Lab File: VX000344.D

Acq: 16 Mar 2018 13:16

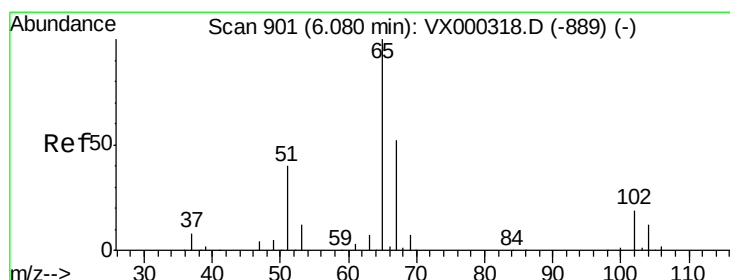
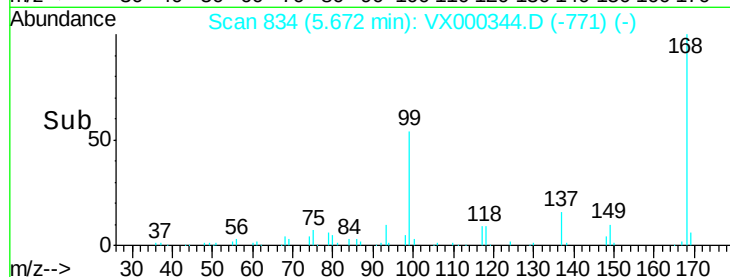
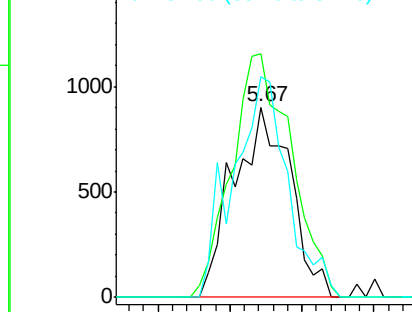
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 2474

Ion	Ratio	Lower	Upper
56	100		
69	127.9	23.4	35.0#
84	115.6	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: 48.94 ug/l

RT: 6.07 min Scan# 900

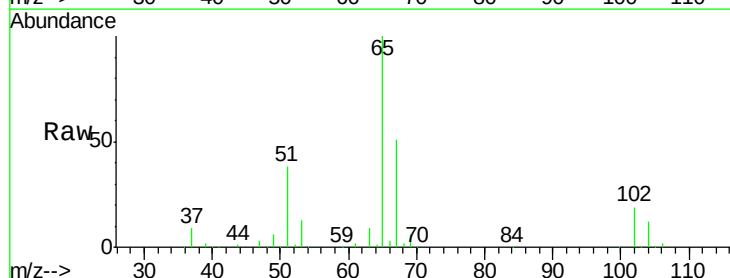
Delta R.T. -0.01 min

Lab File: VX000344.D

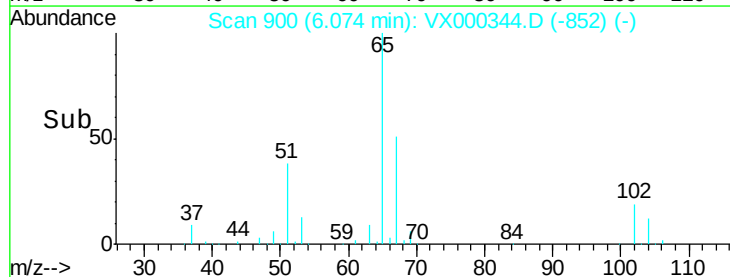
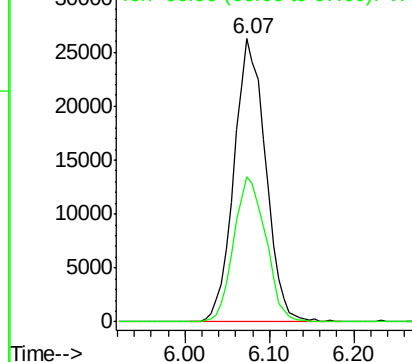
Acq: 16 Mar 2018 13:16

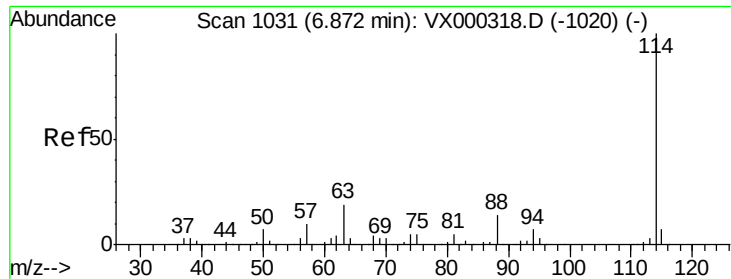
Tgt Ion: 65 Resp: 66548

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.2



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

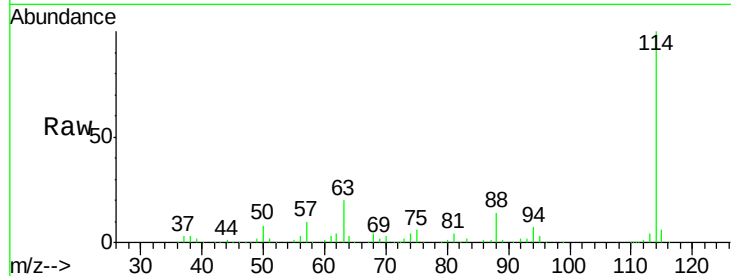




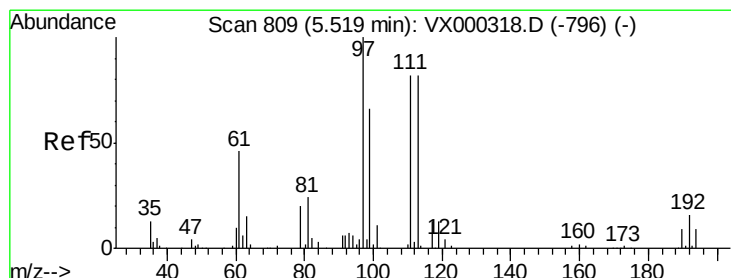
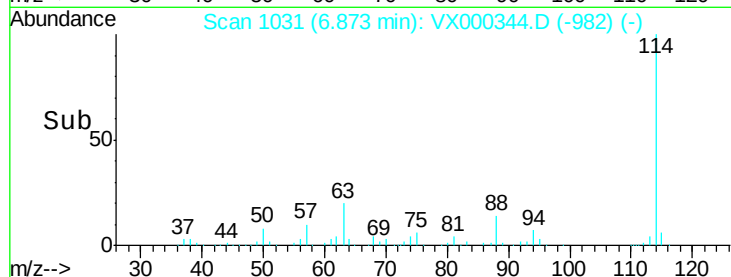
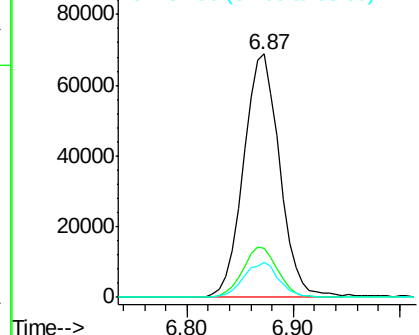
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000344.D
 Acq: 16 Mar 2018 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 163928
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 14.5 0.0 27.0

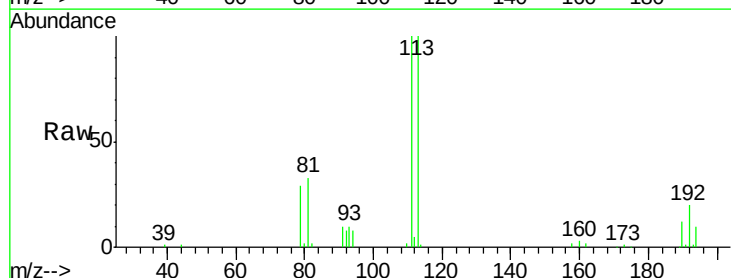


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

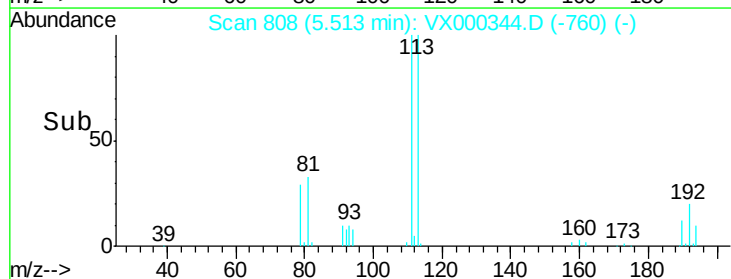
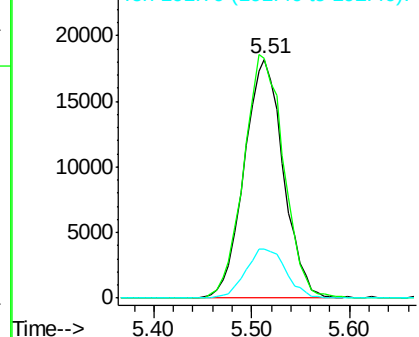


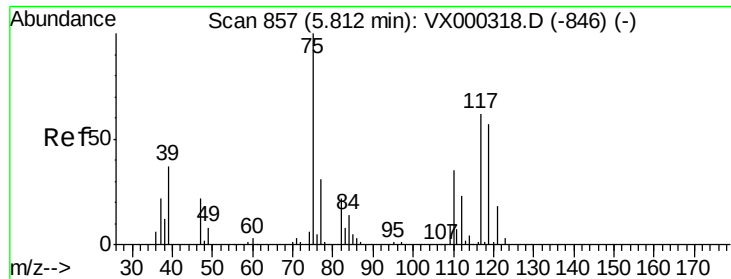
#35
 Dibromofluoromethane
 Concen: 48.83 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000344.D
 Acq: 16 Mar 2018 13:16

Tgt Ion:113 Resp: 50500
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 21.1 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

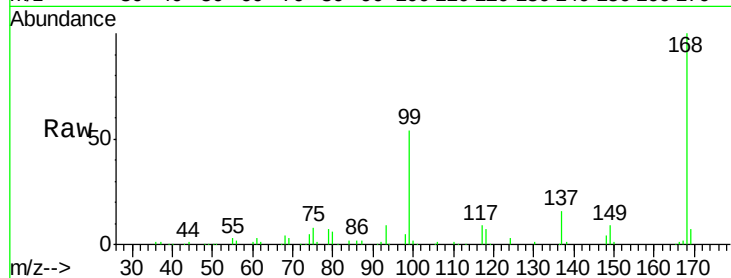




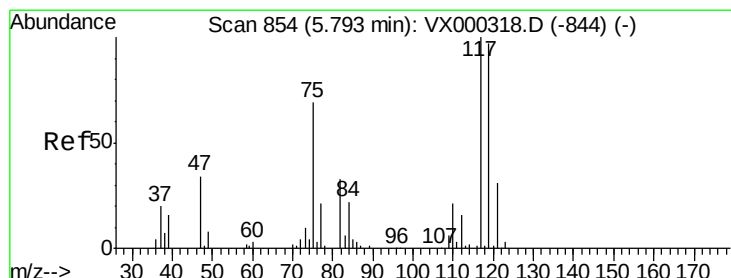
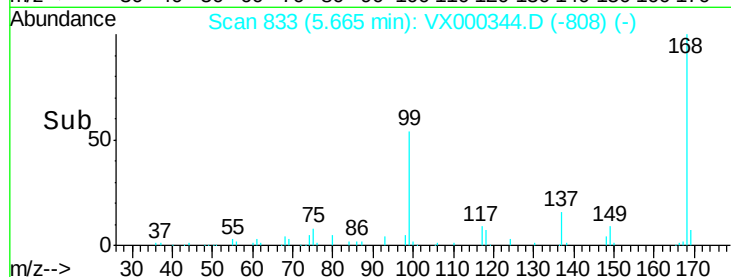
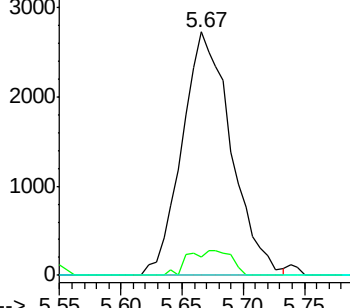
#36
 1,1-Dichloropropene
 Concen: 5.12 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.15 min
 Lab File: VX000344.D
 Acq: 16 Mar 2018 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 7620
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.9 53.7#
 77 0.0 24.0 36.0#

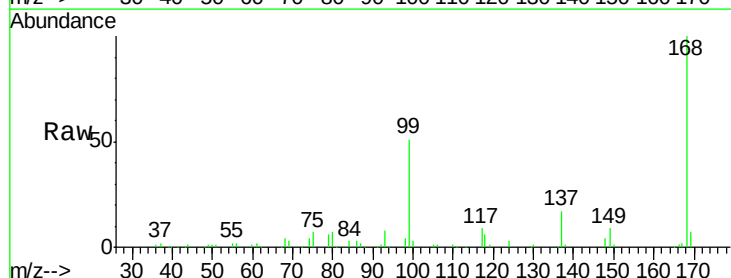


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

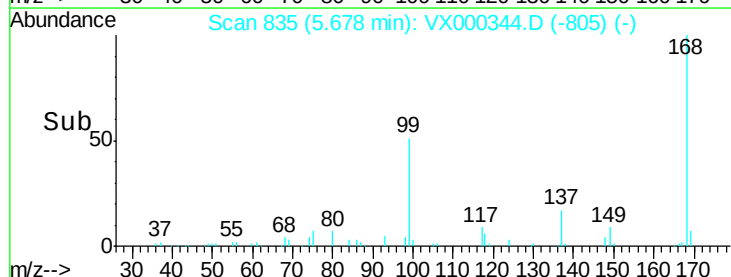
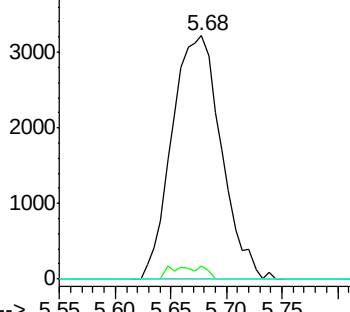


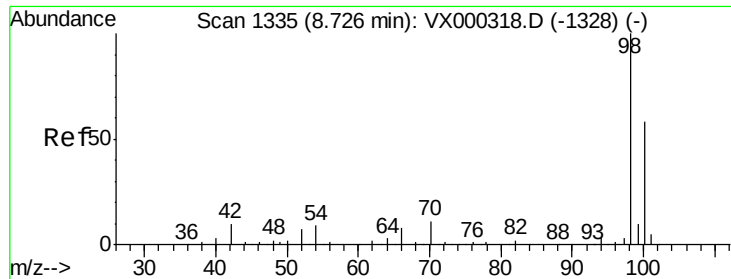
#38
 Carbon Tetrachloride
 Concen: 6.58 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000344.D
 Acq: 16 Mar 2018 13:16

Tgt Ion: 117 Resp: 9876
 Ion Ratio Lower Upper
 117 100
 119 5.5 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

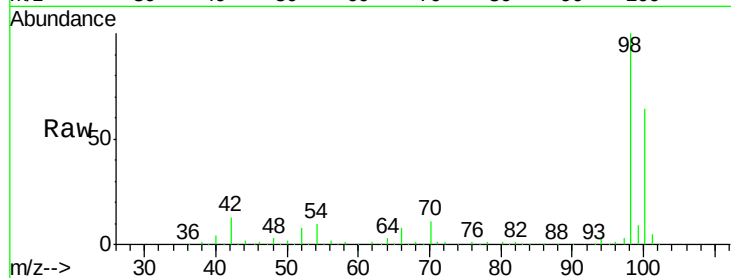




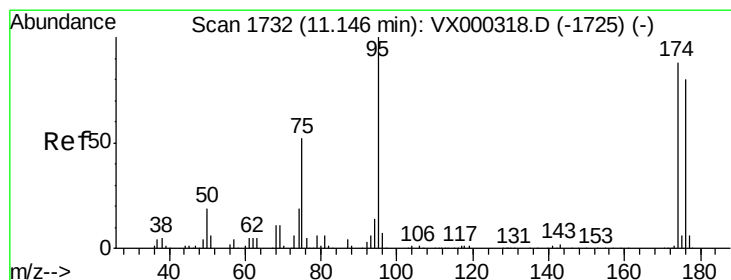
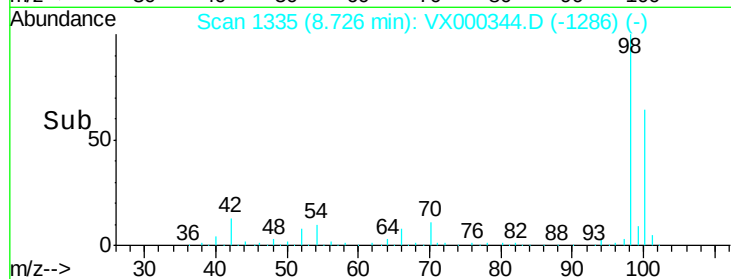
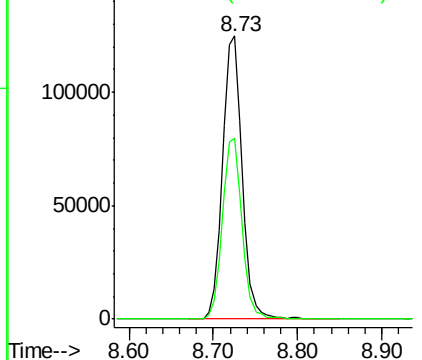
#50
Toluene-d8
Concen: 46.68 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000344.D
Acq: 16 Mar 2018 13:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 201403
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8

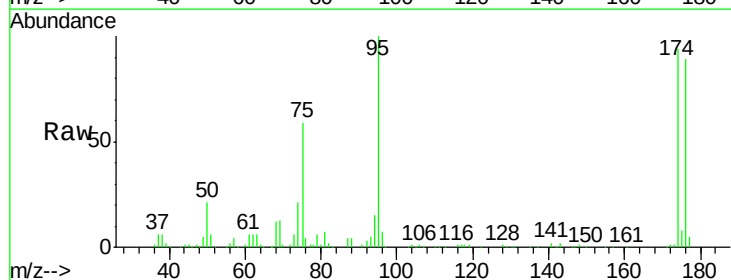


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

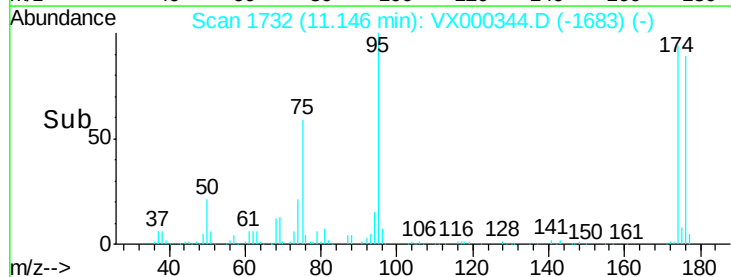
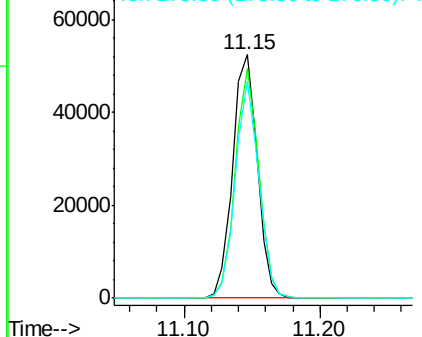


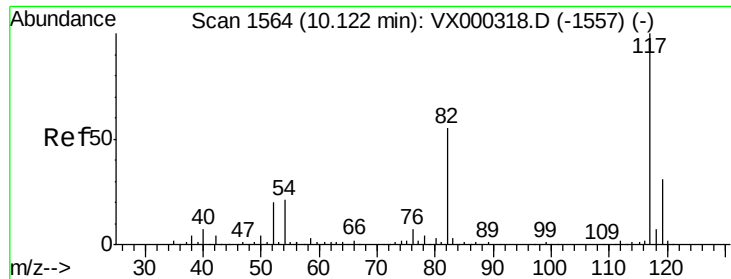
#62
4-Bromofluorobenzene
Concen: 38.28 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000344.D
Acq: 16 Mar 2018 13:16

Tgt Ion: 95 Resp: 66237
Ion Ratio Lower Upper
95 100
174 90.4 0.0 173.6
176 85.0 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





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000344.D

Acq: 16 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

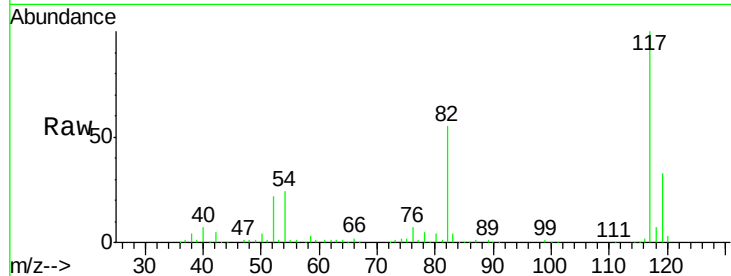
Tot Ion:117 Resp: 153726

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

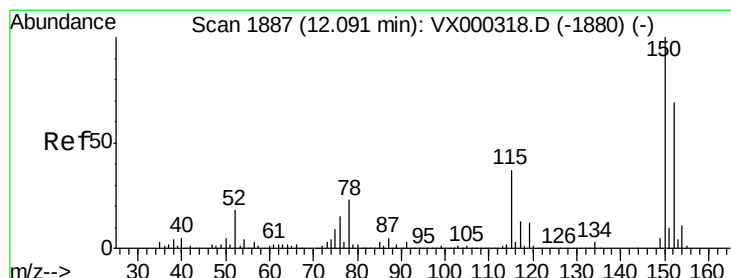
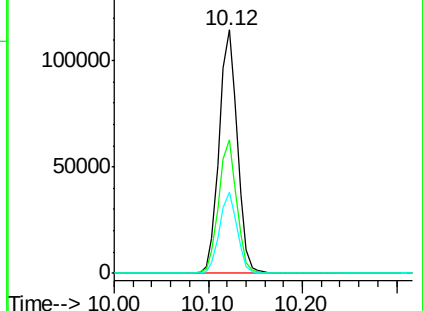
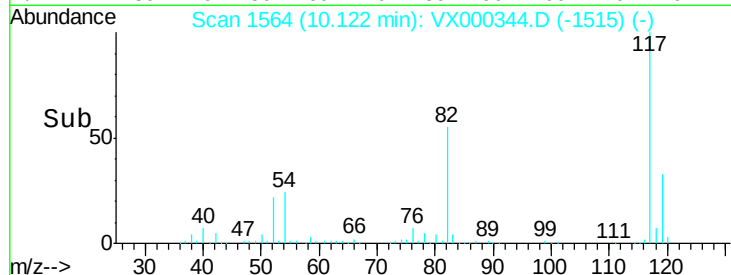
119 33.4 24.9 37.3



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. -0.01 min

Lab File: VX000344.D

Acq: 16 Mar 2018 13:16

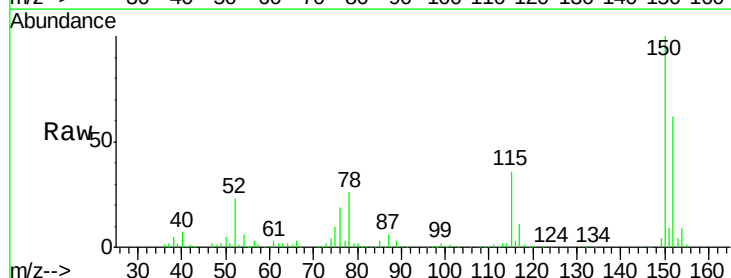
Tgt Ion:152 Resp: 70916

Ion Ratio Lower Upper

152 100

115 55.7 39.8 119.3

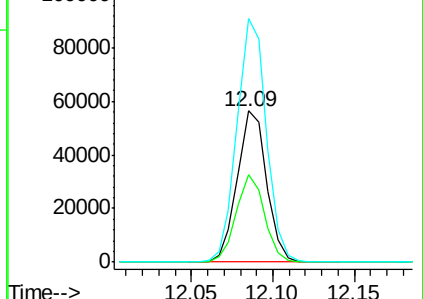
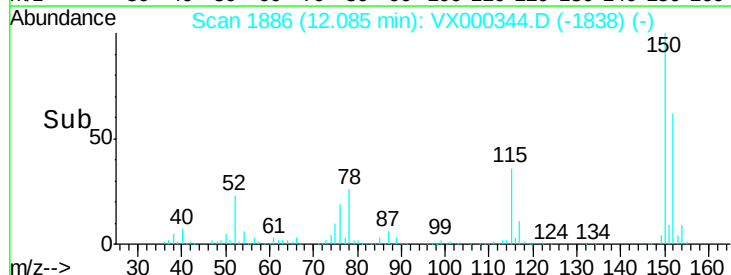
150 160.6 0.0 344.4

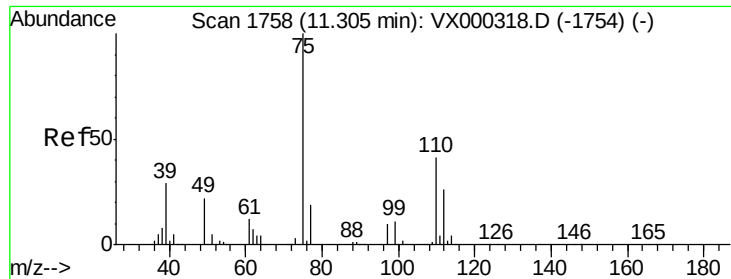


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

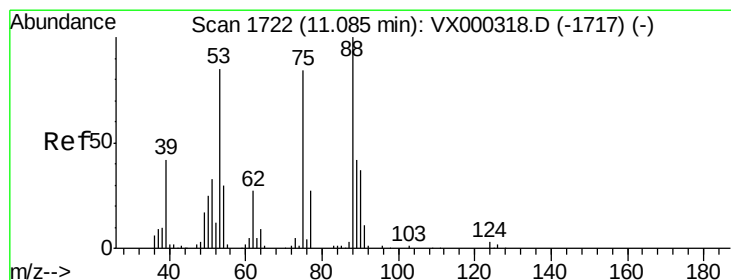
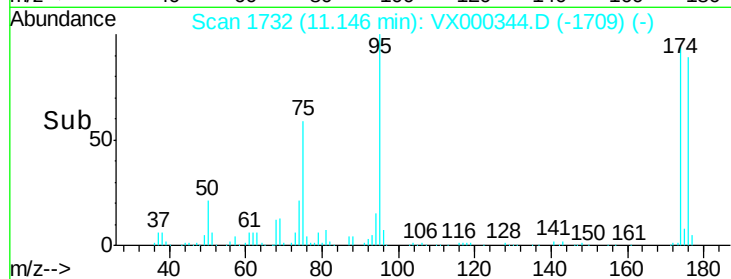
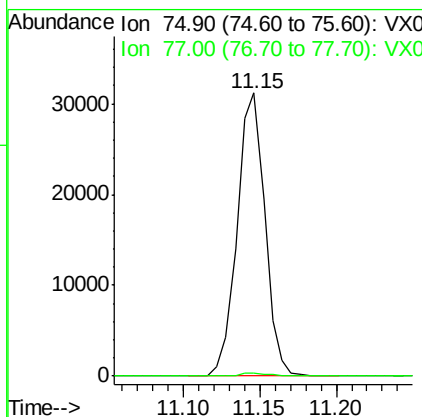
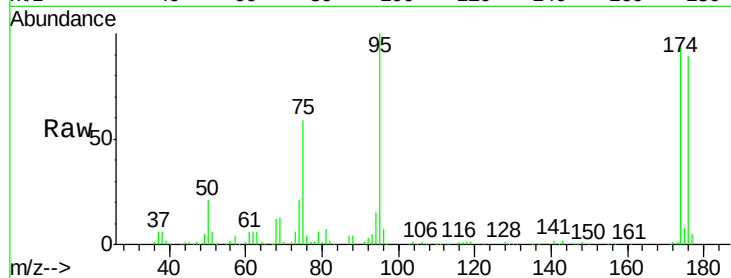




#76
 1,2,3-Trichloropropane
 Concen: 29.75 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000344.D
 Acq: 16 Mar 2018 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 39193
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.75 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000344.D
 Acq: 16 Mar 2018 13:16

Tgt Ion: 75 Resp: 39193
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.2 39.4 59.0#

