

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031618\
 Data File : VX000345.D
 Acq On : 16 Mar 2018 13:41
 Operator : JC/MD
 Sample : VX0316MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 14:44:44 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	5.68	168	88632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	146203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	59599	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	58610	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
35) Dibromofluoromethane	5.52	113	44170	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
50) Toluene-d8	8.73	98	180110	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.15	95	57332	37.15	ug/l	0.00
Spiked Amount			Recovery	=	74.30%	

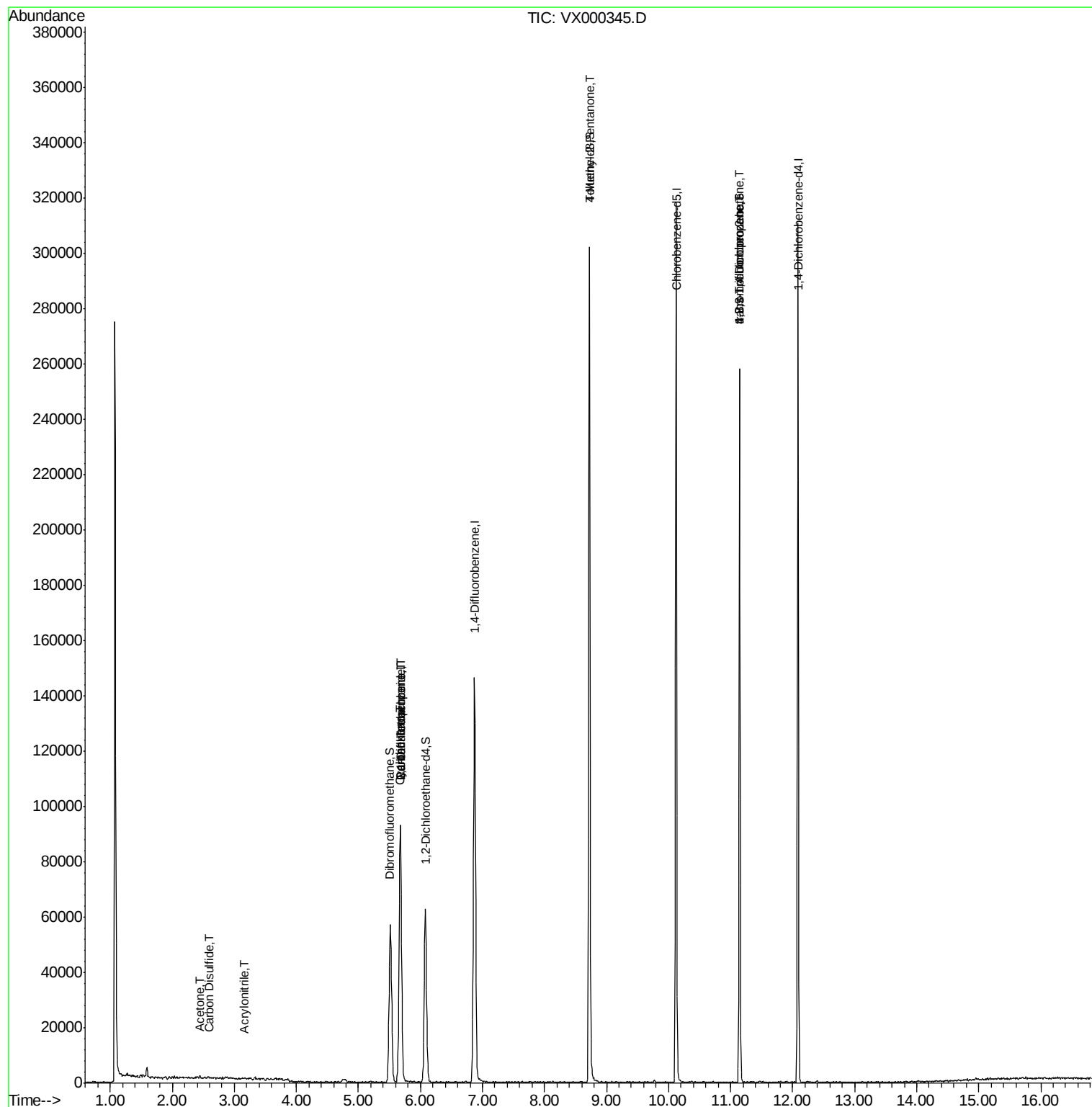
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acrylonitrile	3.15	53	214	0.28	ug/l #	62
16) Acetone	2.45	43	203	0.25	ug/l #	44
17) Carbon Disulfide	2.58	76	725	0.26	ug/l #	78
31) Cyclohexane	5.67	56	2155	1.55	ug/l #	64
36) 1,1-Dichloropropene	5.67	75	6650	5.01	ug/l #	50
38) Carbon Tetrachloride	5.67	117	9113	6.80	ug/l #	16
51) 4-Methyl-2-Pentanone	8.72	43	1052	0.53	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	41	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.15	75	33339	30.14	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	33339	82.71	ug/l #	9

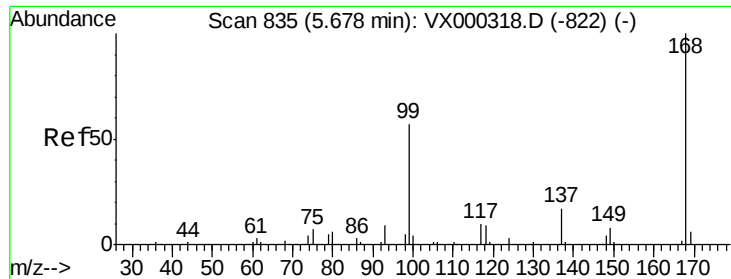
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031618\
Data File : VX000345.D
Acq On : 16 Mar 2018 13:41
Operator : JC/MD
Sample : VX0316MBL01
Misc : 5.00µL/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 14:44:44 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

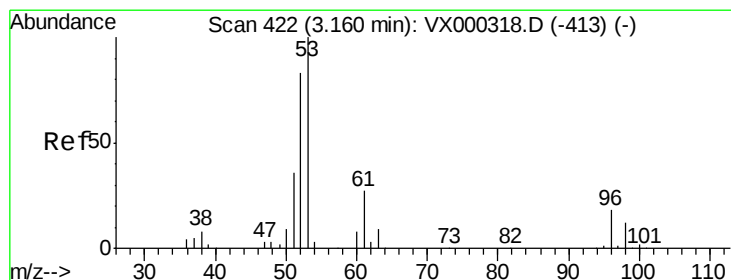
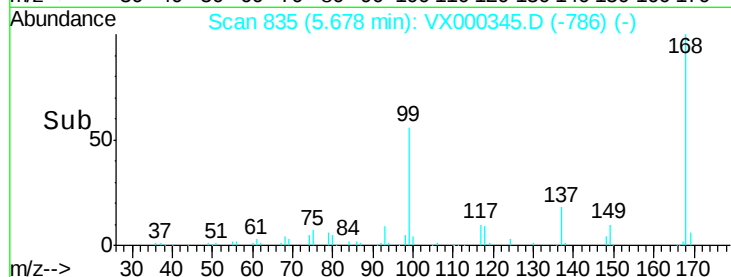
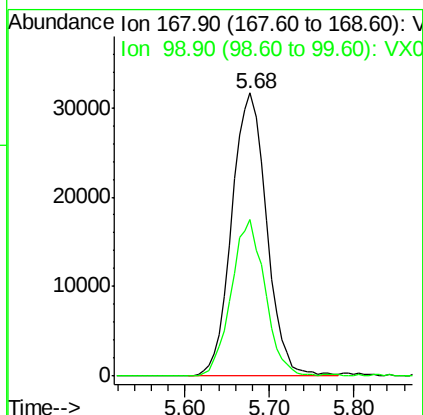
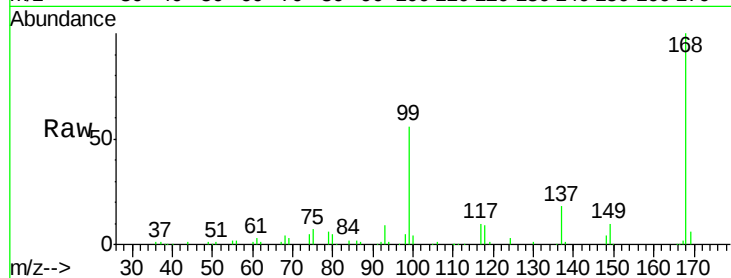




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000345.D
Acq: 16 Mar 2018 13:41

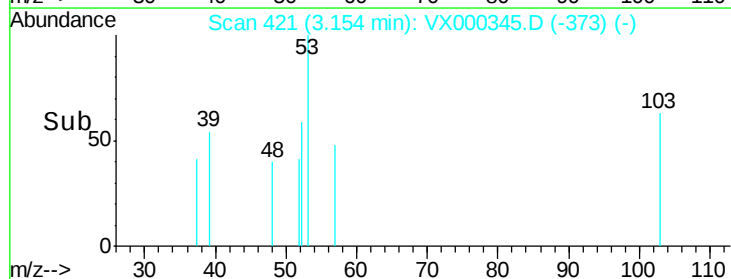
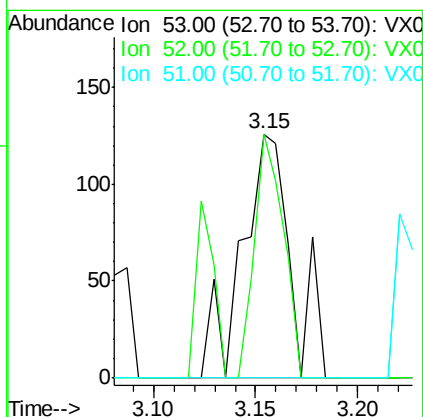
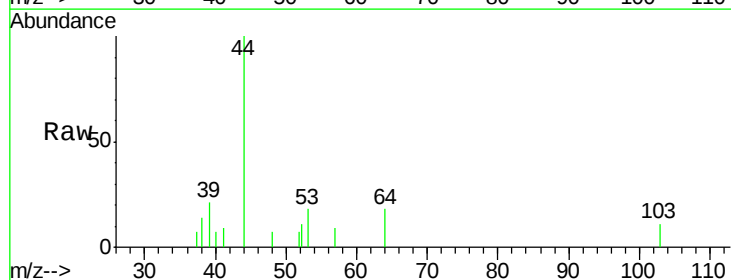
Instrument :
MSVOA_X
ClientSampleId :

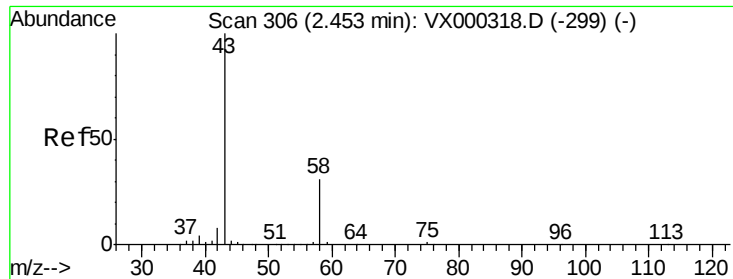
Tot Ion:168 Resp: 88632
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX000345.D
Acq: 16 Mar 2018 13:41

Tgt Ion: 53 Resp: 214
Ion Ratio Lower Upper
53 100
52 58.4 66.6 99.8#
51 0.0 29.3 43.9#





#16

Acetone

Concen: 0.25 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000345.D

Acq: 16 Mar 2018 13:41

Instrument :

MSVOA_X

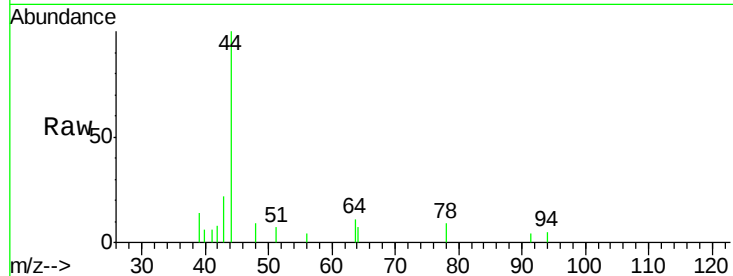
ClientSampled :

Tot Ion: 43 Resp: 203

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#



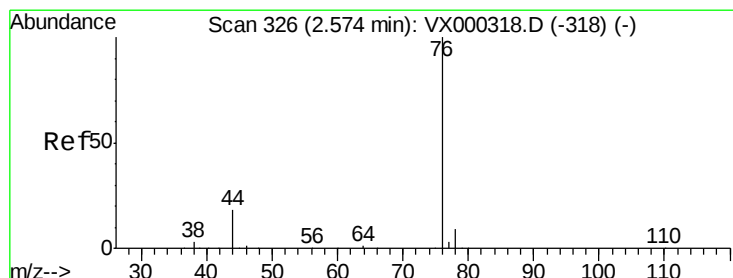
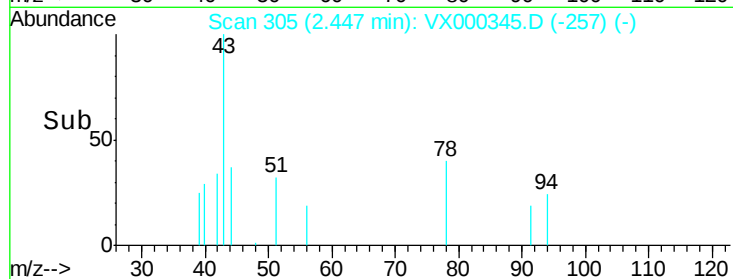
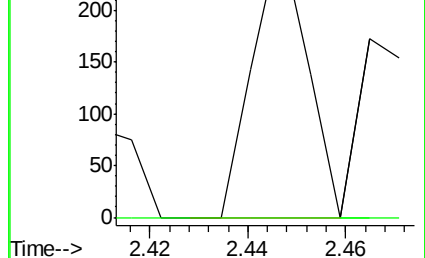
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2.44

2.46



#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000345.D

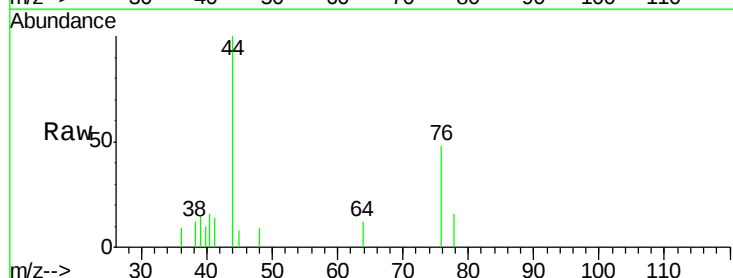
Acq: 16 Mar 2018 13:41

Tgt Ion: 76 Resp: 725

Ion Ratio Lower Upper

76 100

78 16.6 7.0 10.6#



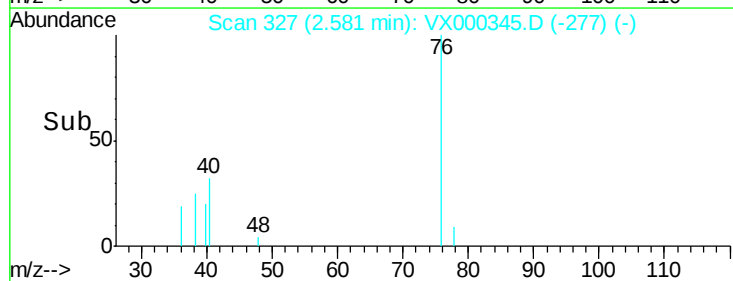
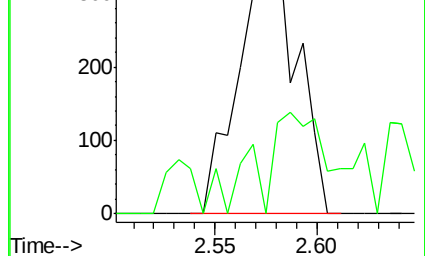
Abundance Ion 75.90 (75.60 to 76.60): VX0

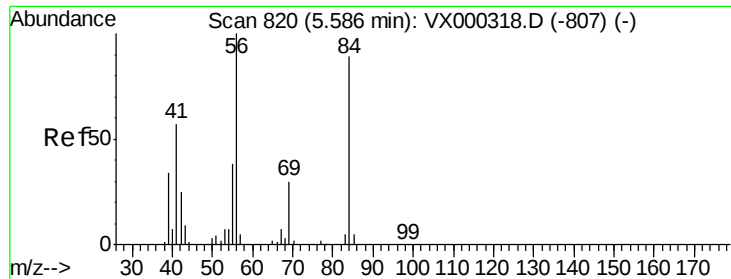
Ion 77.90 (77.60 to 78.60): VX0

2.58

2.55

2.60

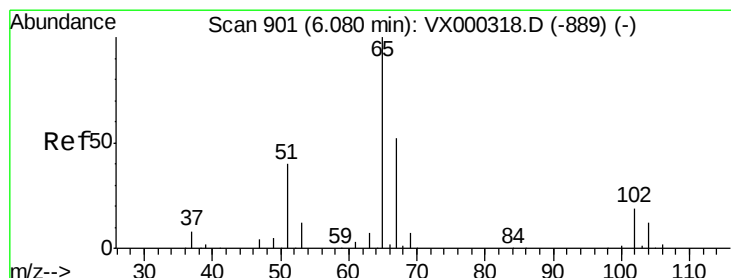
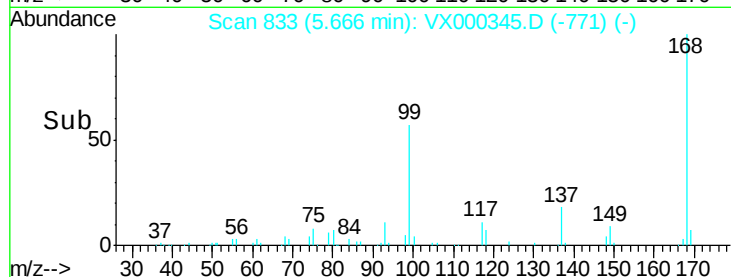
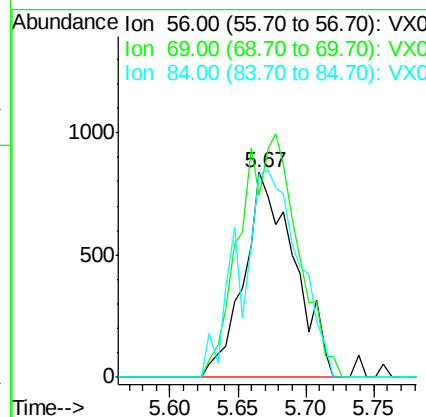
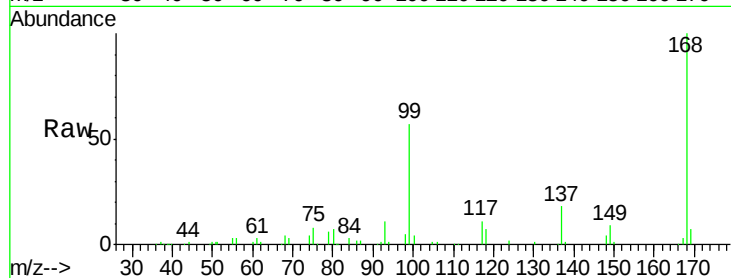




#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000345.D
Acq: 16 Mar 2018 13:41

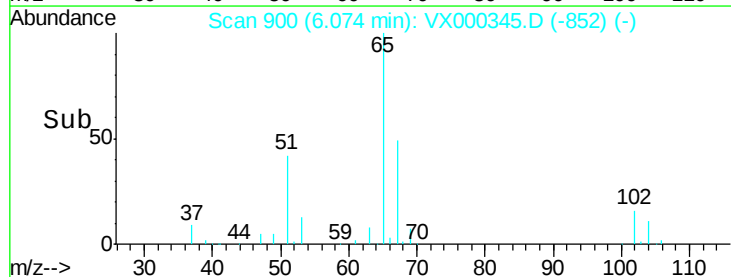
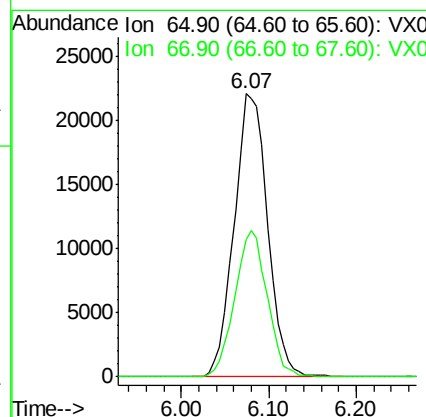
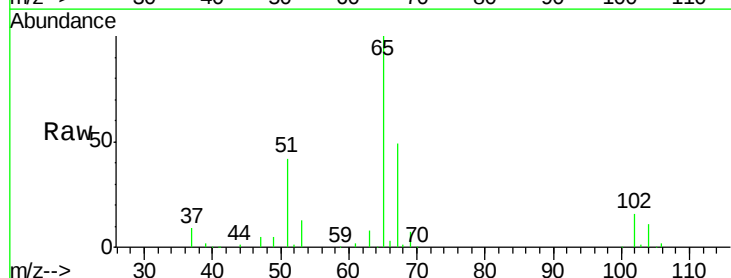
Instrument :
MSVOA_X
ClientSampled :

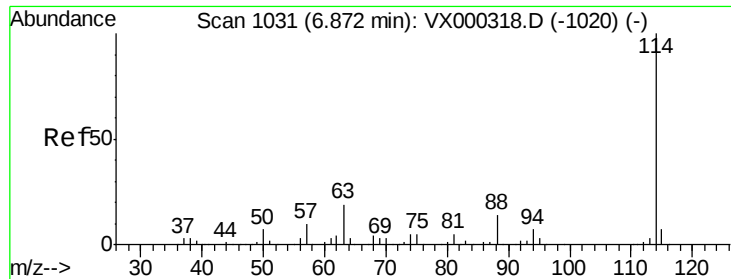
Tot Ion: 56 Resp: 2155
Ion Ratio Lower Upper
56 100
69 89.2 23.4 35.0#
84 99.2 71.0 106.4



#33
1,2-Dichloroethane-d4
Concen: 47.80 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000345.D
Acq: 16 Mar 2018 13:41

Tgt Ion: 65 Resp: 58610
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000345.D

Acq: 16 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

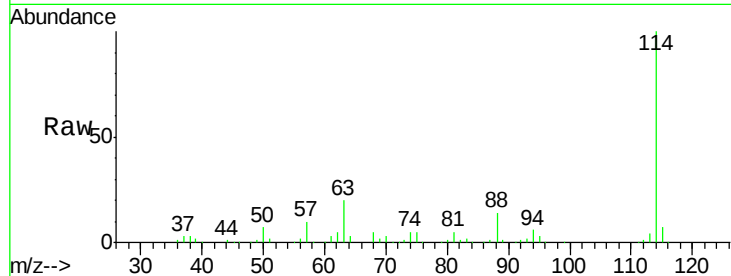
Tot Ion:114 Resp: 146203

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

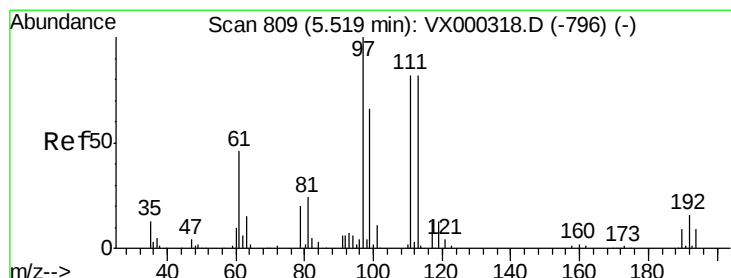
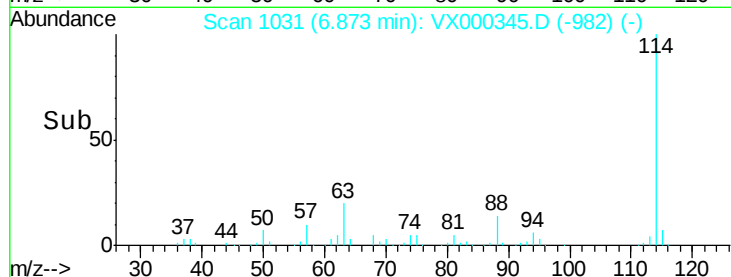
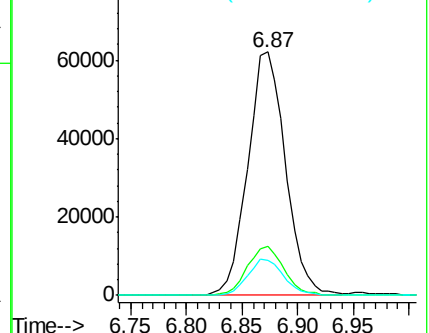
88 14.1 0.0 27.0



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: 47.88 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000345.D

Acq: 16 Mar 2018 13:41

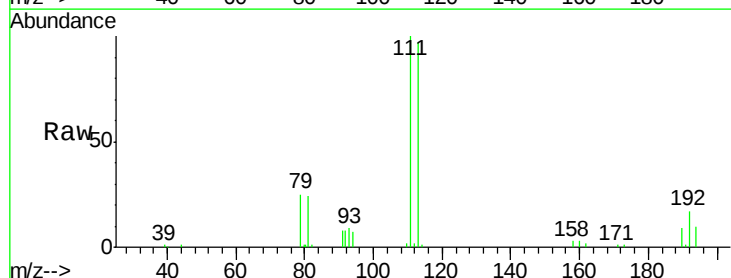
Tgt Ion:113 Resp: 44170

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

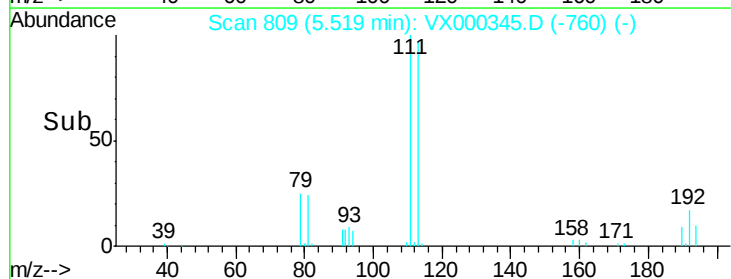
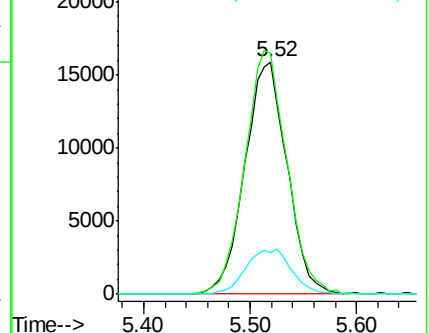
192 21.0 15.8 23.6

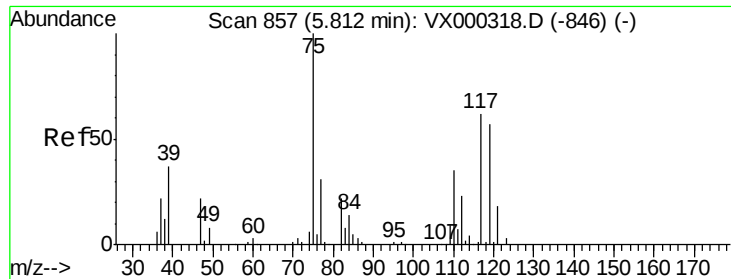


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

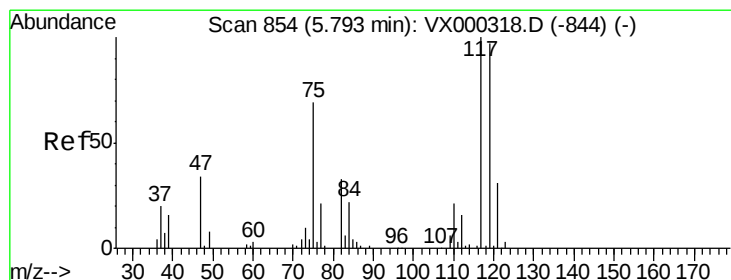
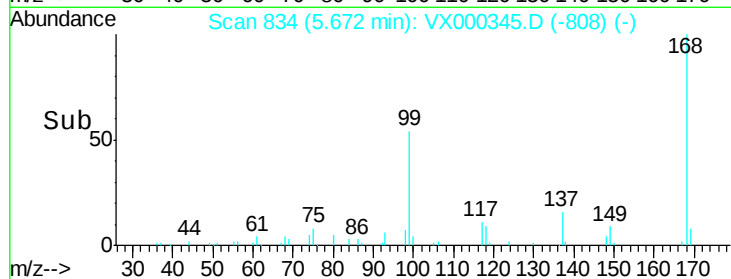
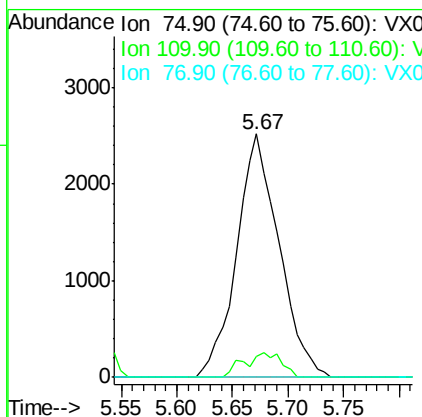
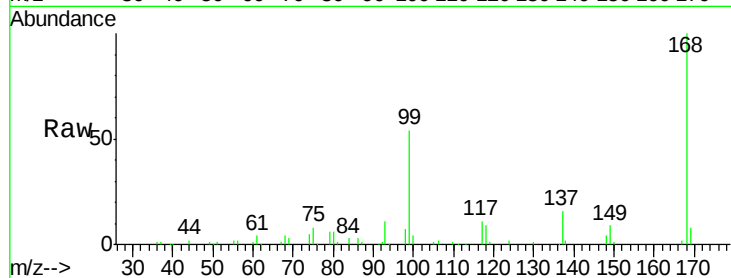




#36
 1,1-Dichloropropene
 Concen: 5.01 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000345.D
 Acq: 16 Mar 2018 13:41

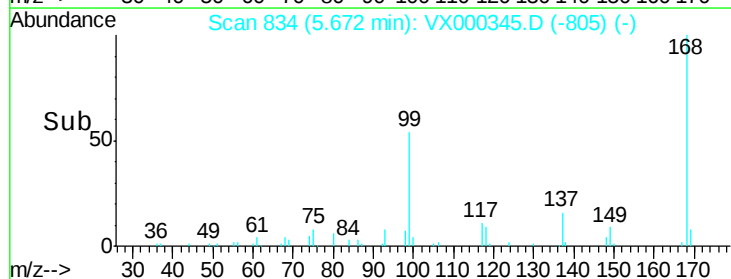
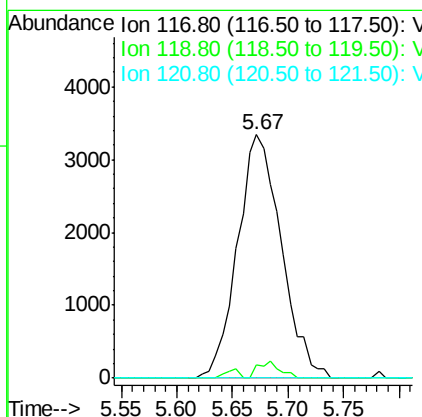
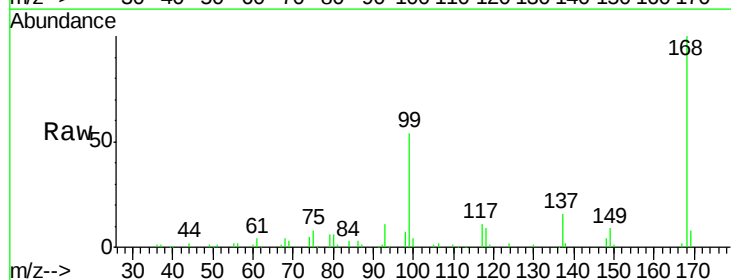
Instrument :
 MSVOA_X
 ClientSampleId :

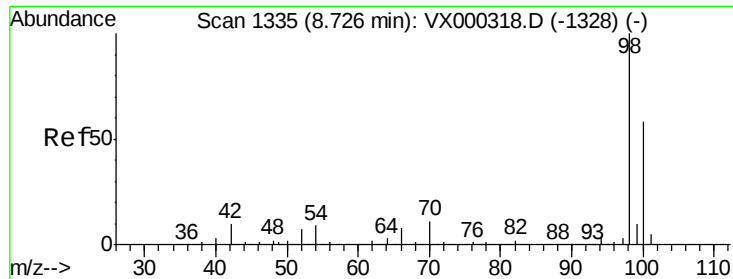
Tot Ion: 75 Resp: 6650
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 6.80 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX000345.D
 Acq: 16 Mar 2018 13:41

Tgt Ion: 117 Resp: 9113
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.4 116.2#
 121 0.0 24.8 37.2#

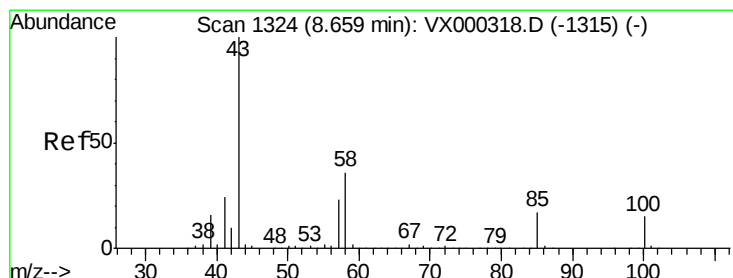
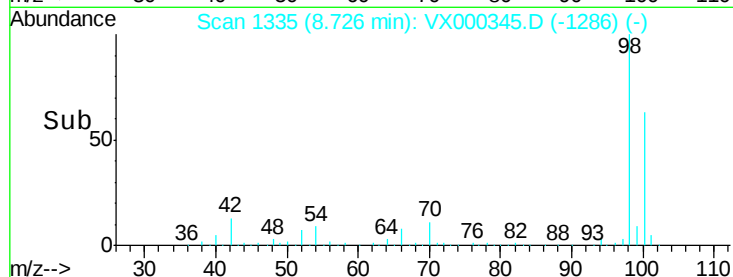
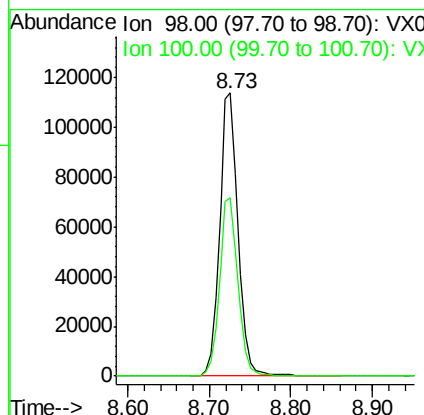
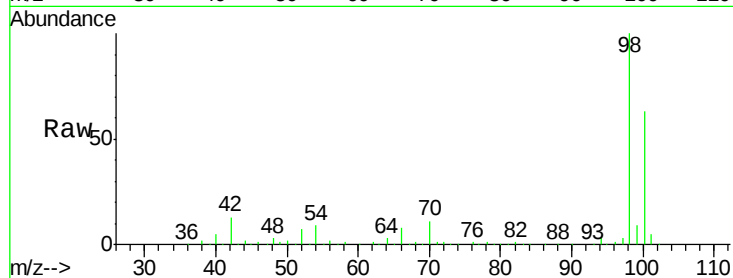




#50
Toluene-d8
Concen: 46.80 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000345.D
Acq: 16 Mar 2018 13:41

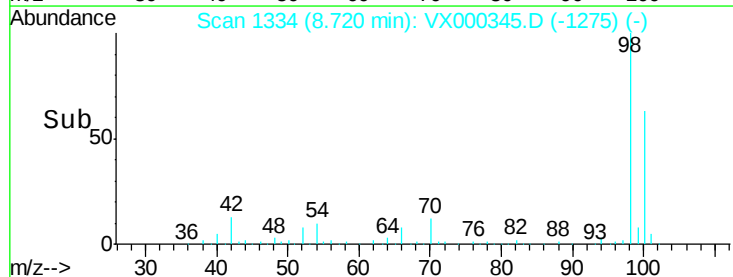
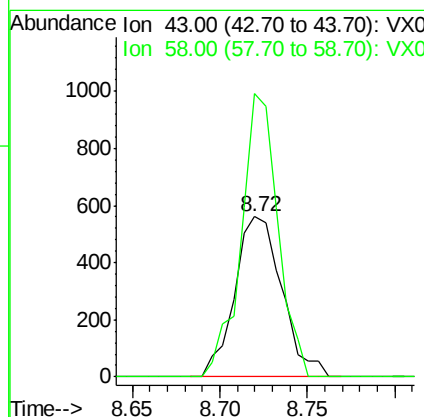
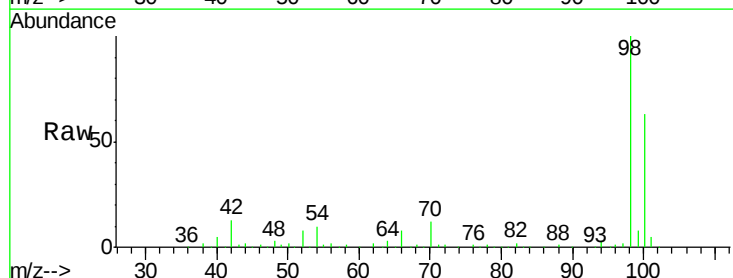
Instrument :
MSVOA_X
ClientSampleId :

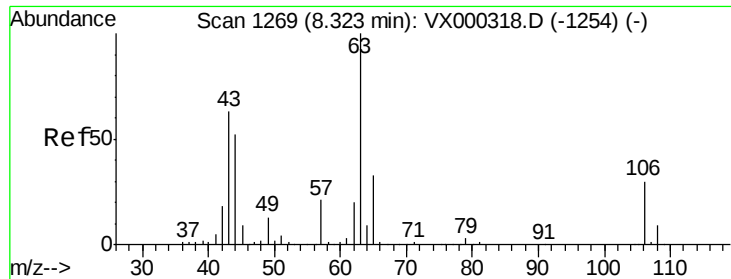
Tot Ion: 98 Resp: 180110
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX000345.D
Acq: 16 Mar 2018 13:41

Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
58 137.7 30.3 45.5#

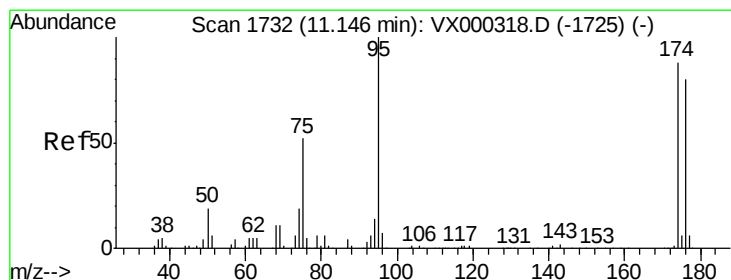
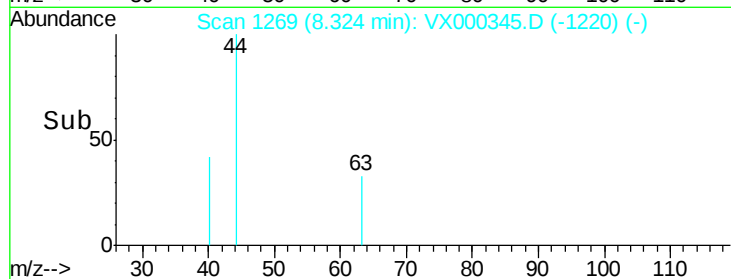
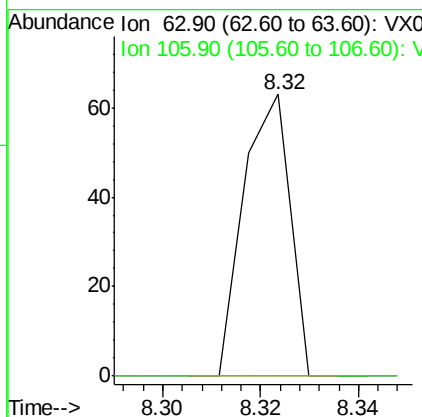
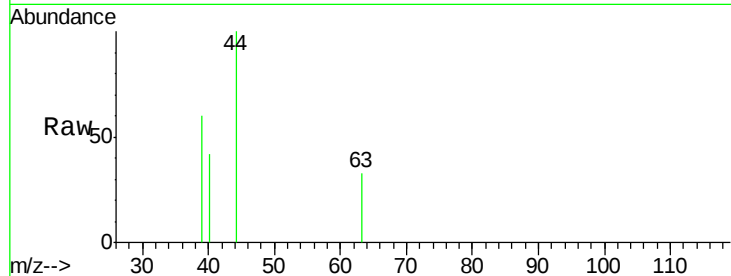




#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000345.D
 Acq: 16 Mar 2018 13:41

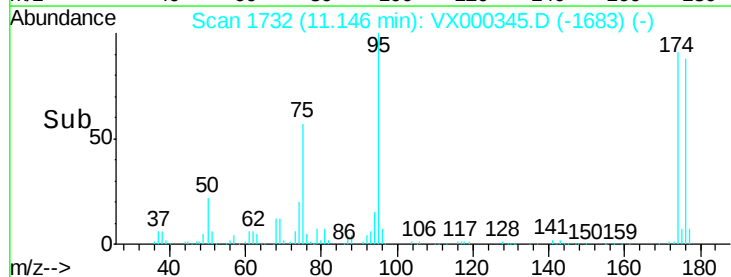
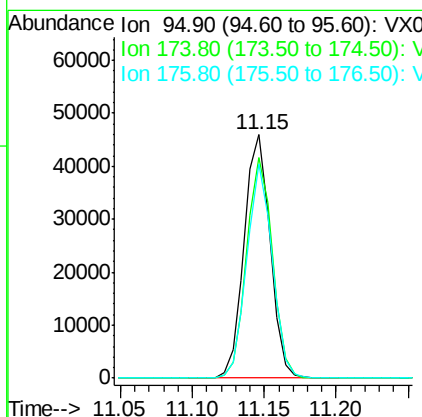
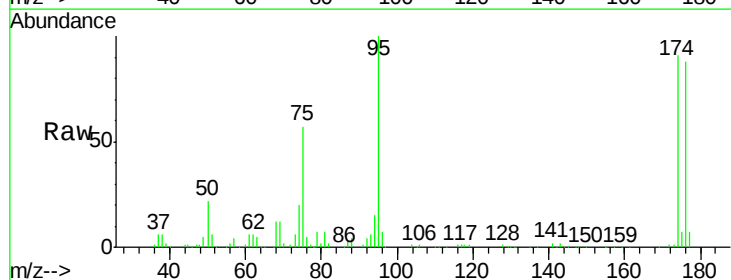
Instrument :
 MSVOA_X
 ClientSampleId :

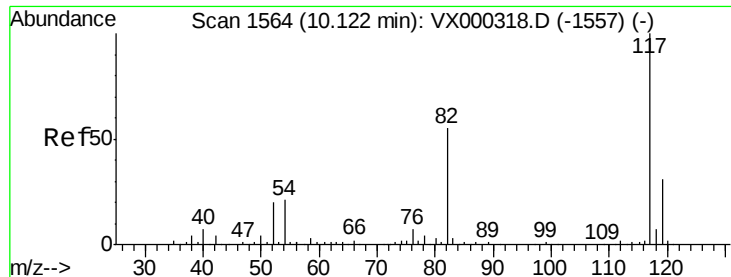
Tot Ion: 63 Resp: 41
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#



#62
 4-Bromofluorobenzene
 Concen: 37.15 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000345.D
 Acq: 16 Mar 2018 13:41

Tgt Ion: 95 Resp: 57332
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 173.6
 176 85.3 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: VX000345.D

Acq: 16 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

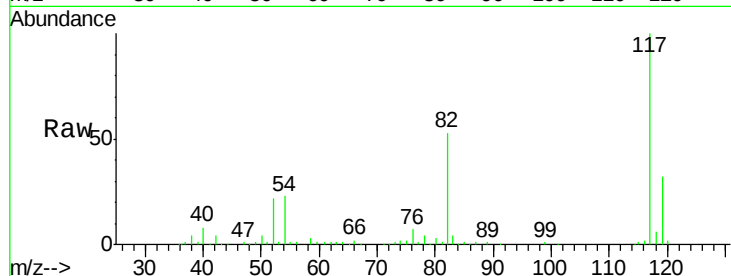
Tot Ion:117 Resp: 135396

Ion Ratio Lower Upper

117 100

82 52.9 43.8 65.8

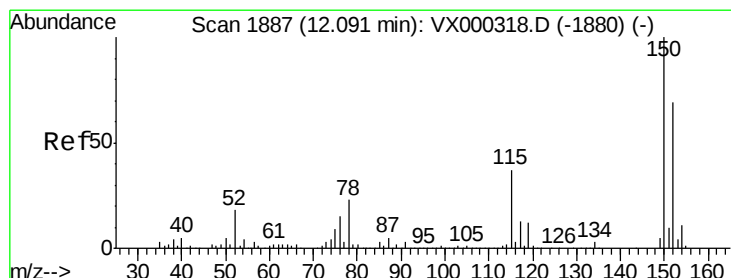
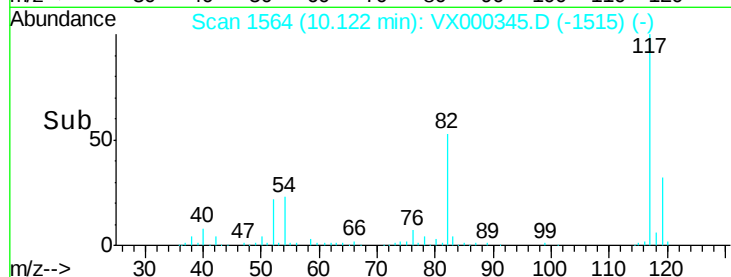
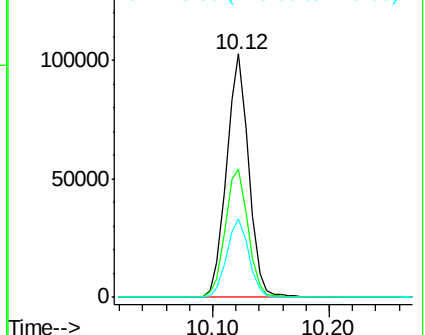
119 32.2 24.9 37.3



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. -0.01 min

Lab File: VX000345.D

Acq: 16 Mar 2018 13:41

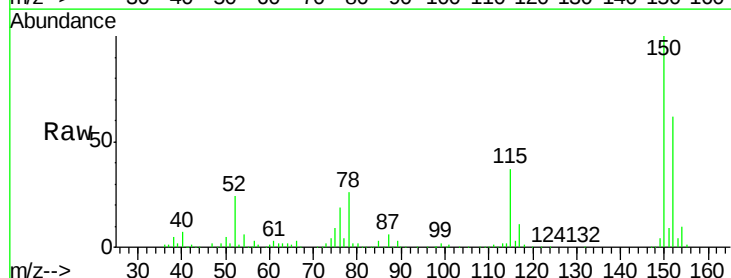
Tgt Ion:152 Resp: 59599

Ion Ratio Lower Upper

152 100

115 56.9 39.8 119.3

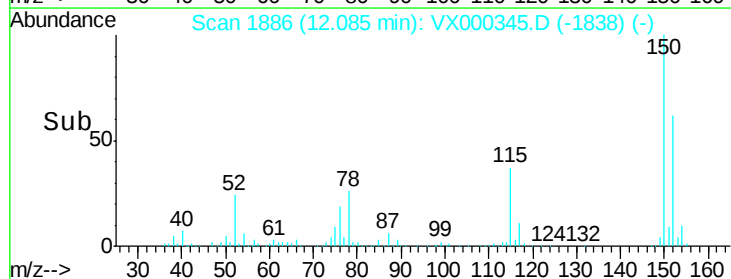
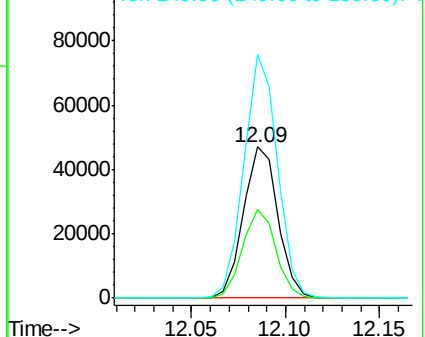
150 156.5 0.0 344.4

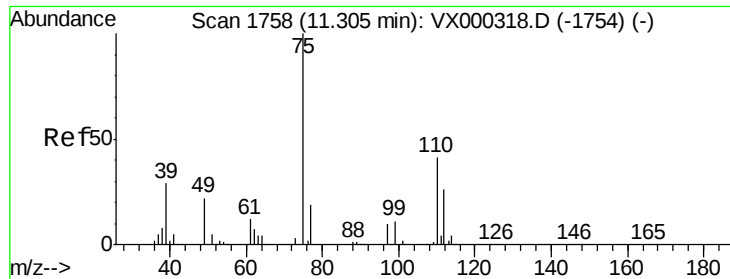


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

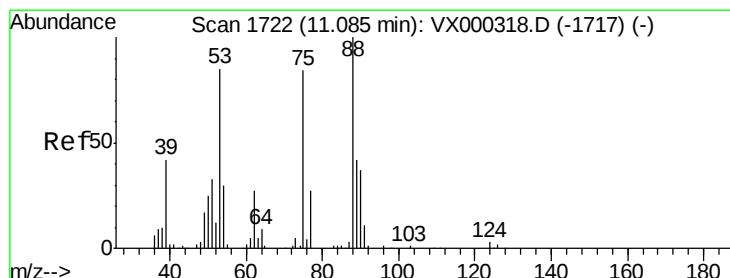
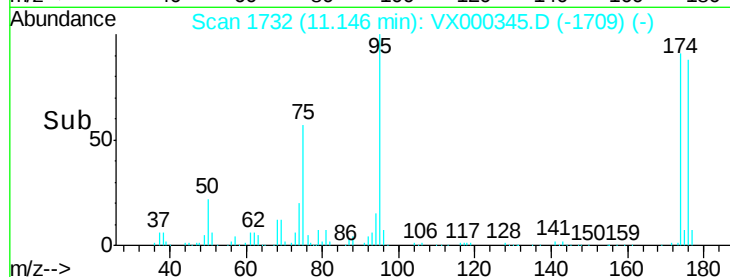
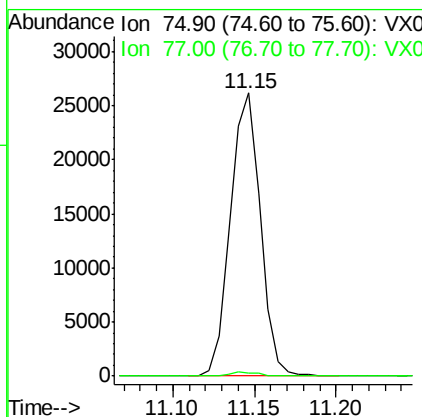
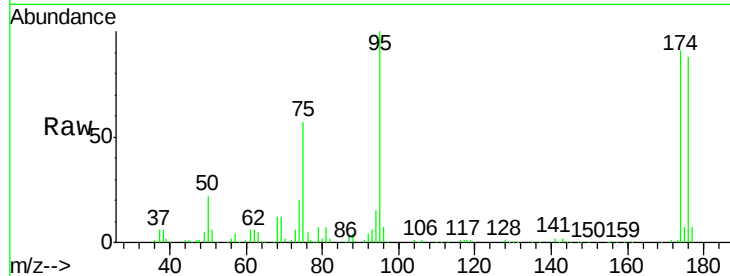




#76
 1,2,3-Trichloropropane
 Concen: 30.14 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000345.D
 Acq: 16 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 33339
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.71 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000345.D
 Acq: 16 Mar 2018 13:41

Tgt Ion: 75 Resp: 33339
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.0 39.4 59.0#

