

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000271.D
 Acq On : 12 Mar 2018 11:41
 Operator : JC/MD
 Sample : VX0312MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:31:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	105997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	179029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92709	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	71995	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	5.51	113	54507	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	8.73	98	223218	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.15	95	79618	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	

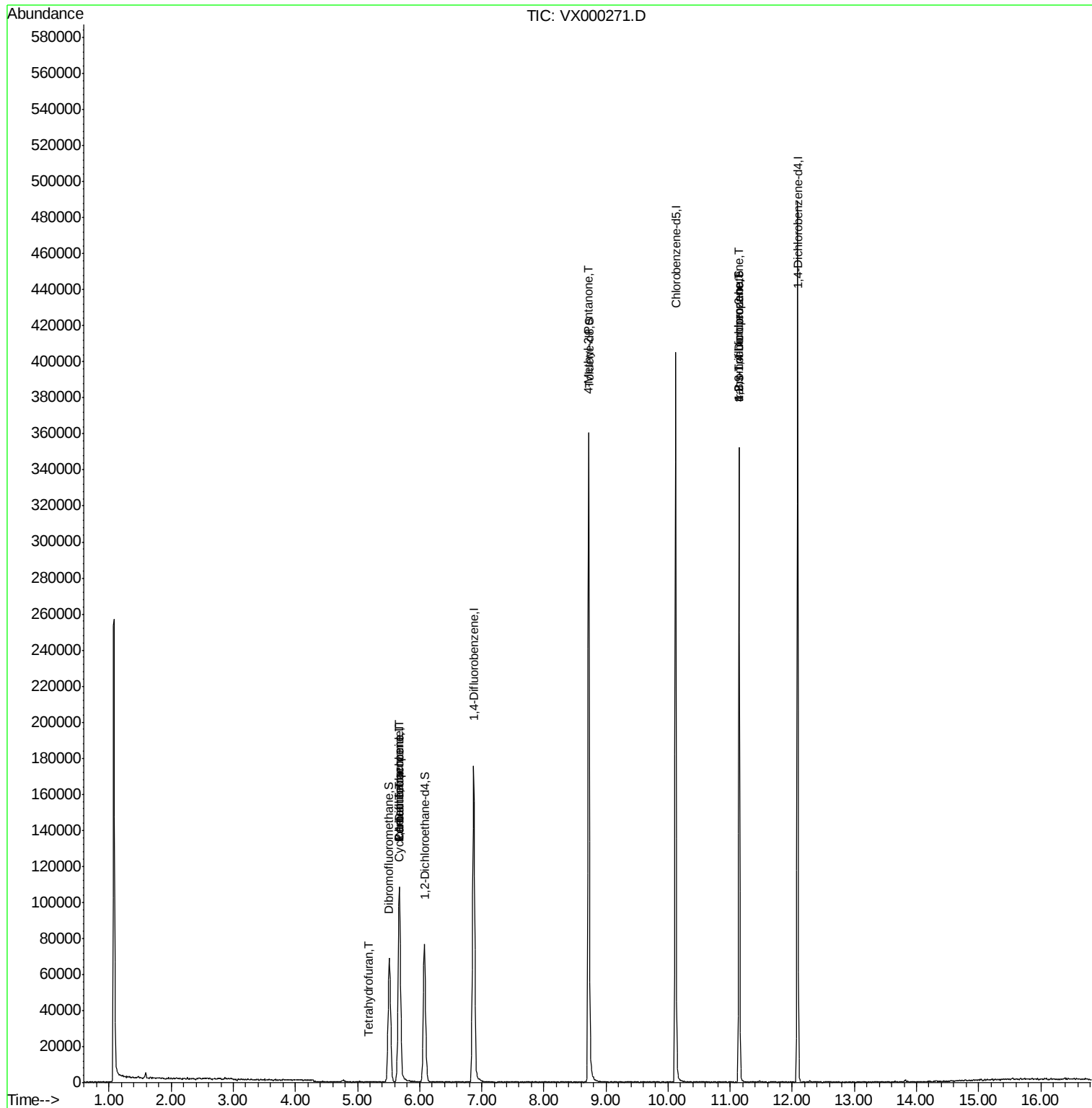
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	148	Below Cal	#	3
6) Chloroethane	1.71	64	363	Below Cal	#	42
29) Tetrahydrofuran	5.19	42	191	0.23	ug/l #	40
31) Cyclohexane	5.66	56	1388	0.86	ug/l #	48
36) 1,1-Dichloropropene	5.67	75	8384	5.26	ug/l #	51
38) Carbon Tetrachloride	5.68	117	10834	6.72	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	1065	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	11.15	75	45670	24.57	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	45670	75.25	ug/l #	10

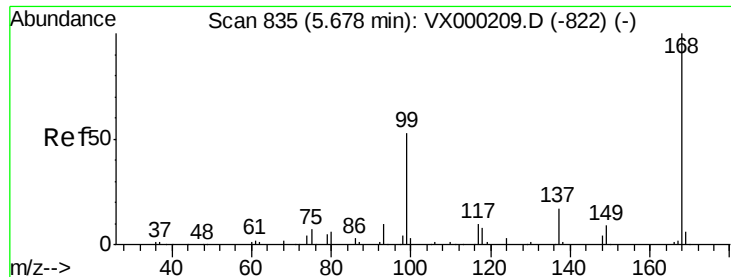
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
Data File : VX000271.D
Acq On : 12 Mar 2018 11:41
Operator : JC/MD
Sample : VX0312MBL01
Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 13 04:31:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 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: VX000271.D

Acq: 12 Mar 2018 11:41

Instrument :

MSVOA_X

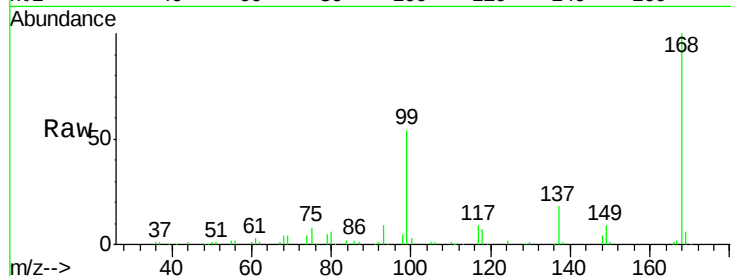
ClientSampleId :

Tot Ion:168 Resp: 105997

Ion Ratio Lower Upper

168 100

99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

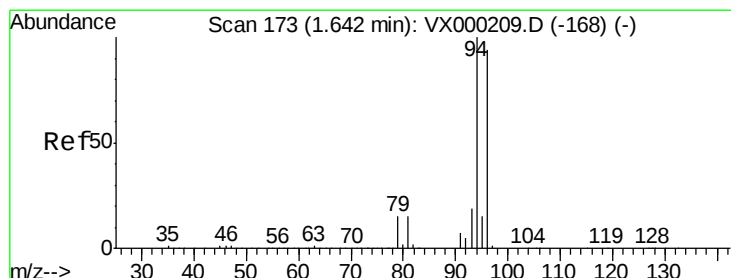
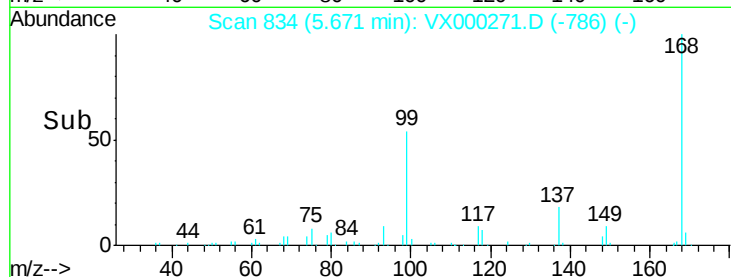
20000

10000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000271.D

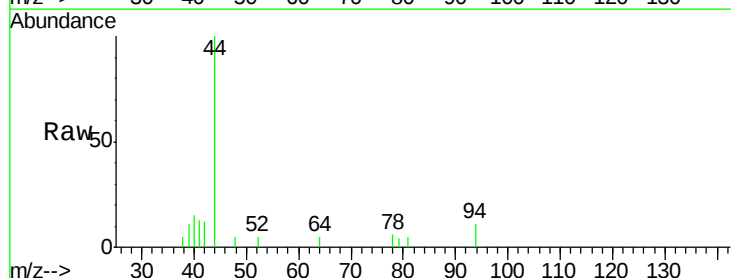
Acq: 12 Mar 2018 11:41

Tgt Ion: 94 Resp: 148

Ion Ratio Lower Upper

94 100

96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

150

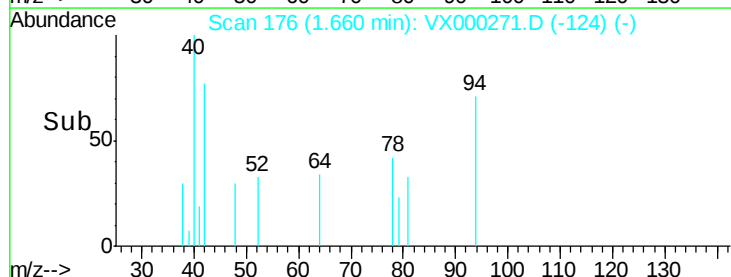
100

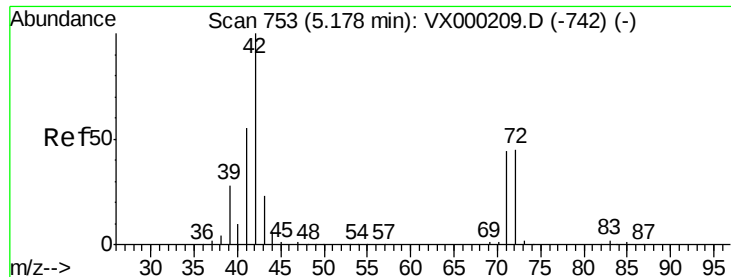
50

0

Time-->

1.64 1.66 1.68





#29

Tetrahydrofuran

Concen: 0.23 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX000271.D

Acq: 12 Mar 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

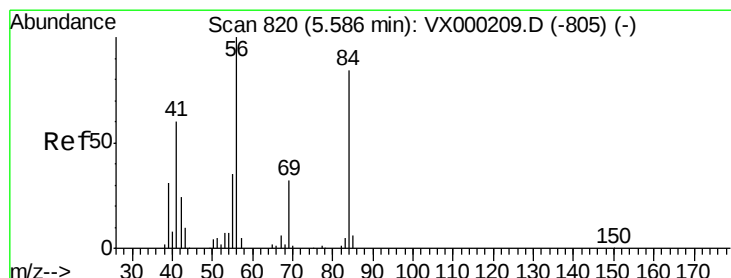
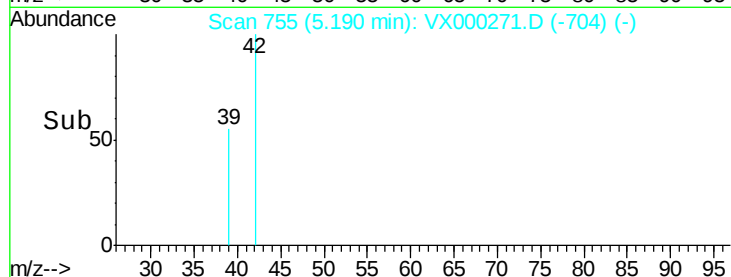
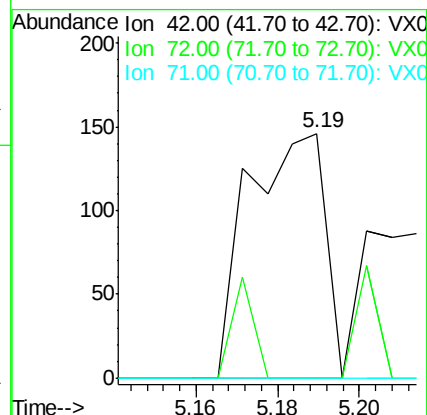
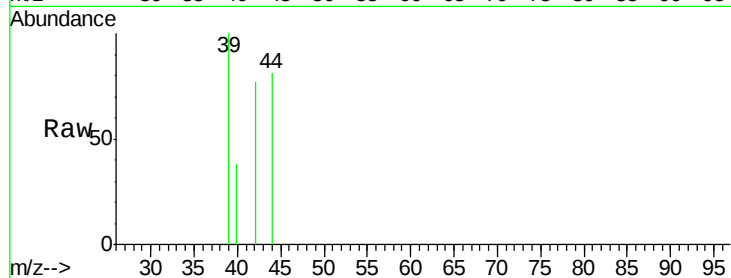
Tot Ion: 42 Resp: 191

Ion Ratio Lower Upper

42 100

72 11.5 37.3 55.9#

71 0.0 35.0 52.4#



#31

Cyclohexane

Concen: 0.86 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.07 min

Lab File: VX000271.D

Acq: 12 Mar 2018 11:41

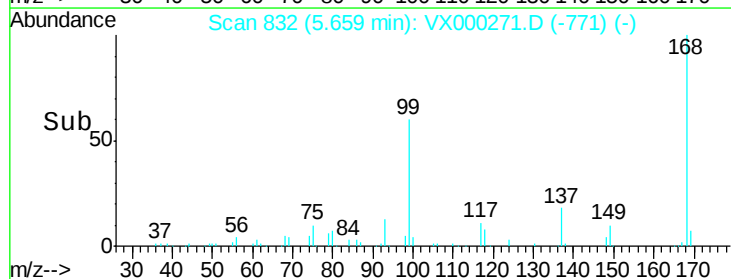
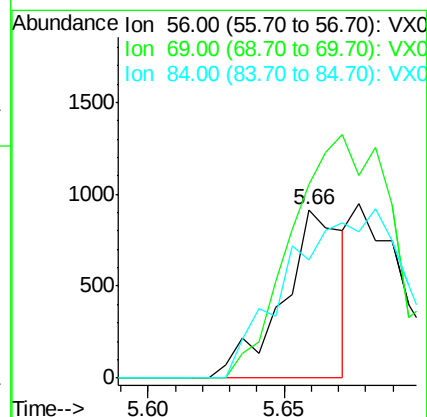
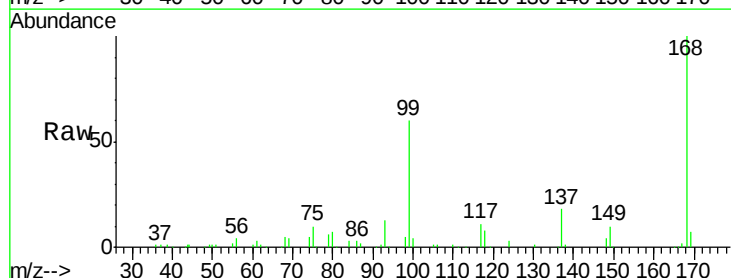
Tgt Ion: 56 Resp: 1388

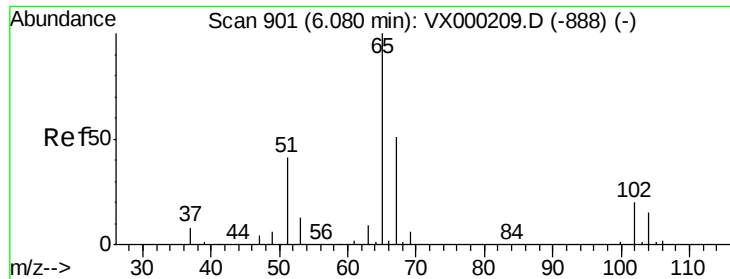
Ion Ratio Lower Upper

56 100

69 114.8 25.3 37.9#

84 70.6 67.2 100.8

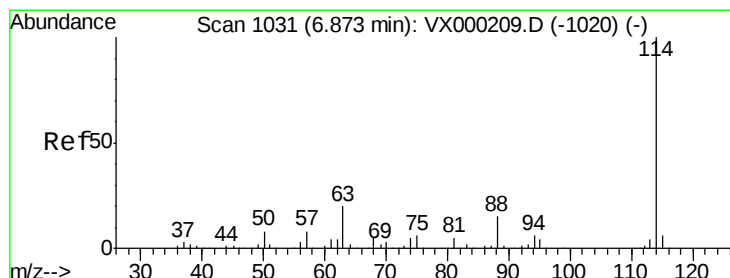
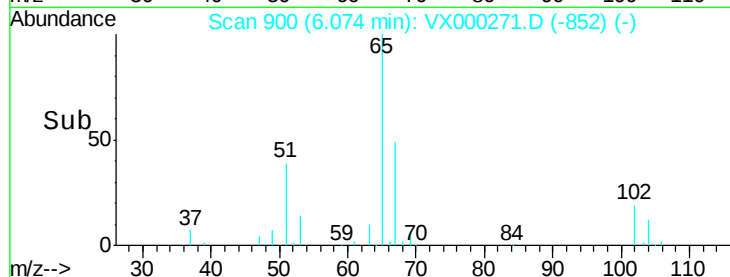
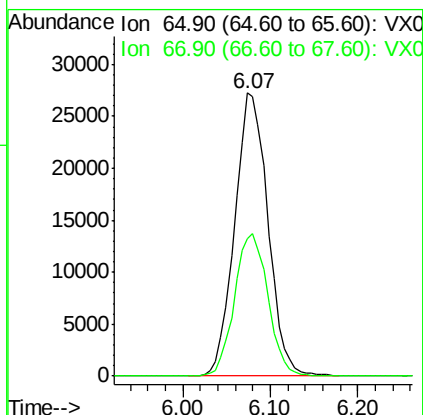
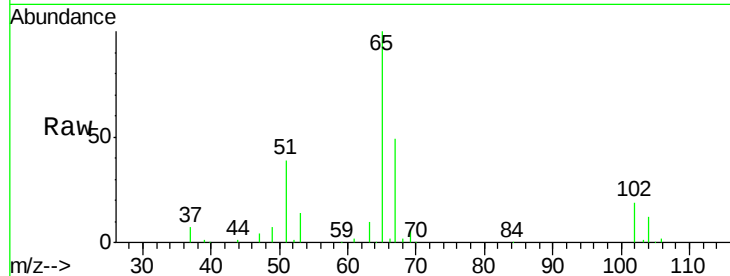




#33
 1,2-Dichloroethane-d4
 Concen: 49.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000271.D
 Acq: 12 Mar 2018 11:41

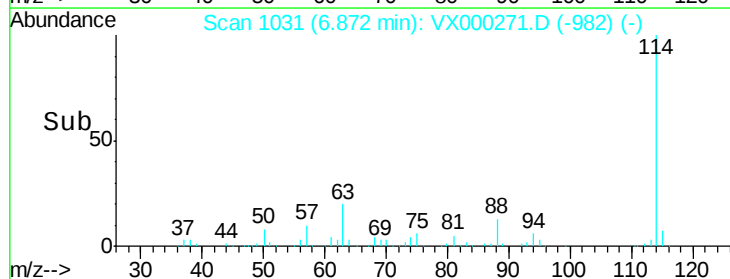
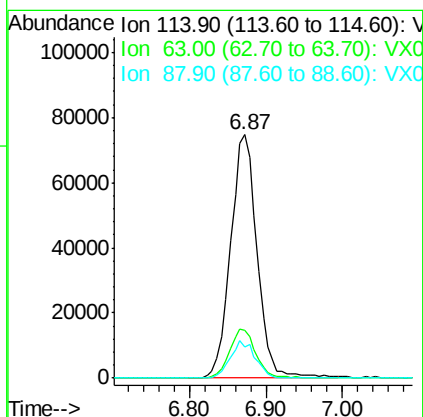
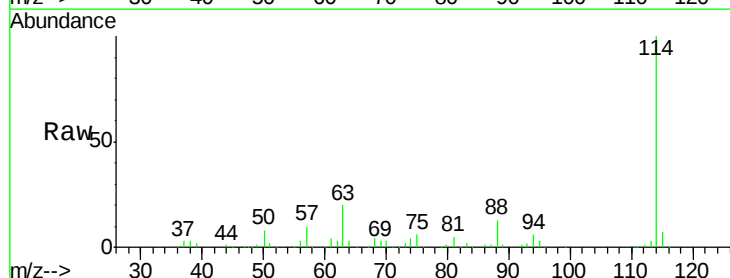
Instrument :
 MSVOA_X
 ClientSampleId :

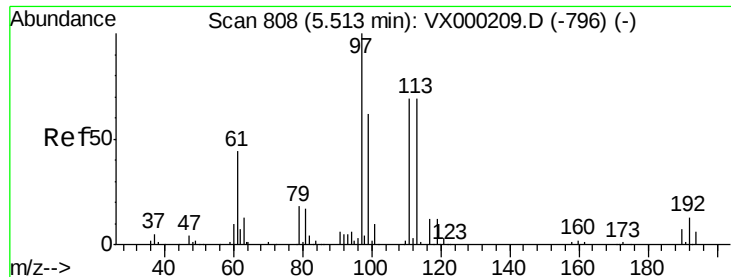
Tot Ion: 65 Resp: 71995
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000271.D
 Acq: 12 Mar 2018 11:41

Tgt Ion: 114 Resp: 179029
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 12.9 0.0 29.8

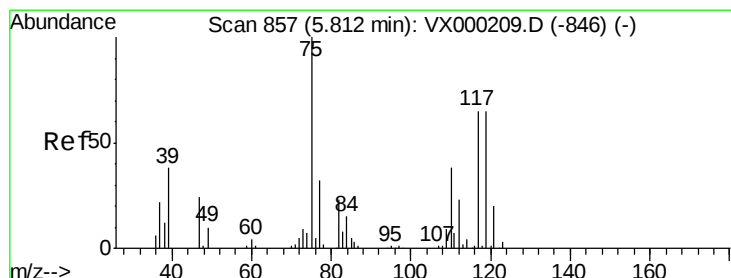
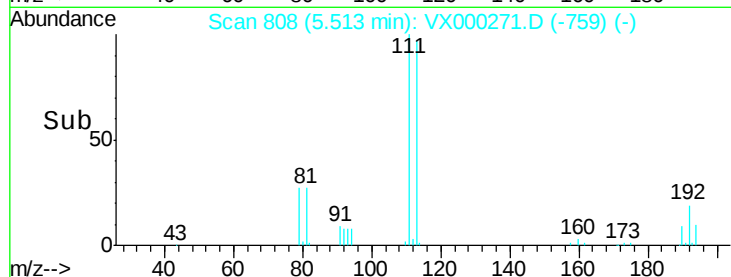
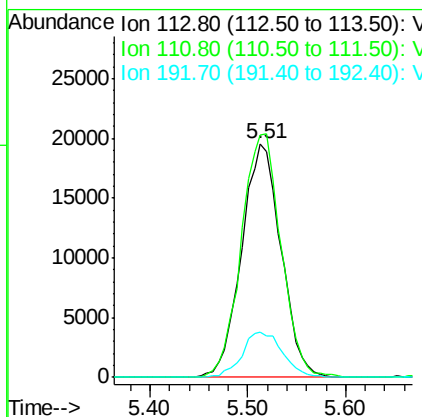
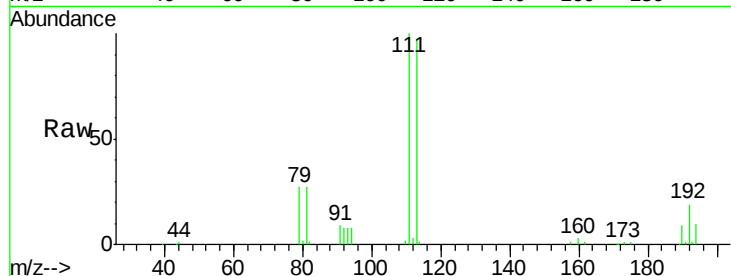




#35
 Dibromofluoromethane
 Concen: 48.47 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000271.D
 Acq: 12 Mar 2018 11:41

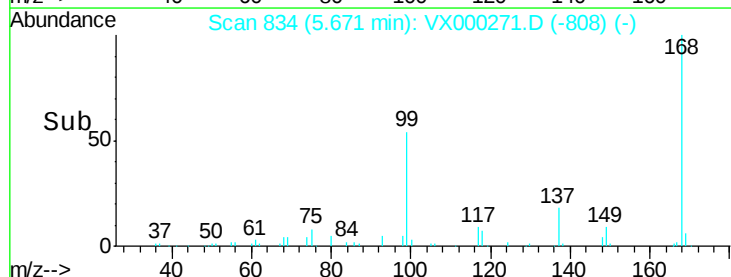
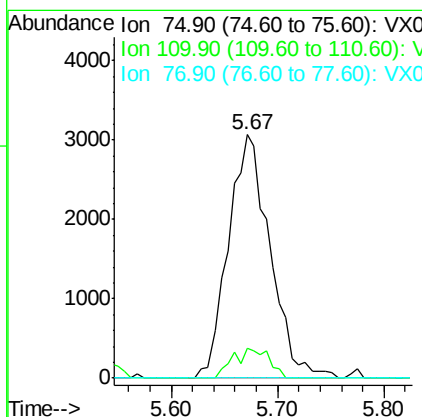
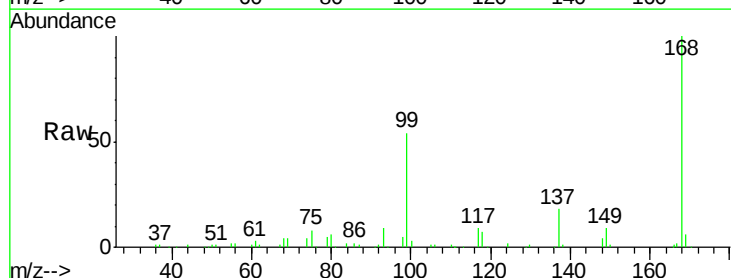
Instrument :
 MSVOA_X
 ClientSampled :

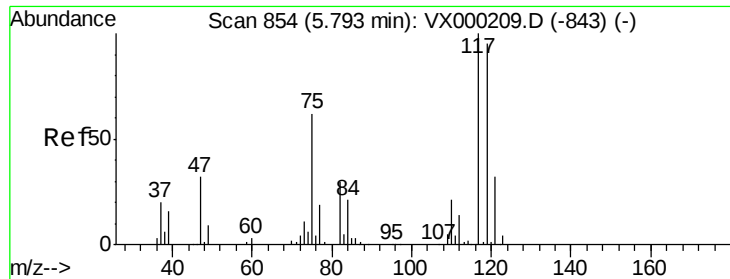
Tot Ion:113 Resp: 54507
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.6
 192 20.0 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 5.26 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000271.D
 Acq: 12 Mar 2018 11:41

Tgt Ion: 75 Resp: 8384
 Ion Ratio Lower Upper
 75 100
 110 10.7 17.8 53.5#
 77 0.0 24.9 37.3#

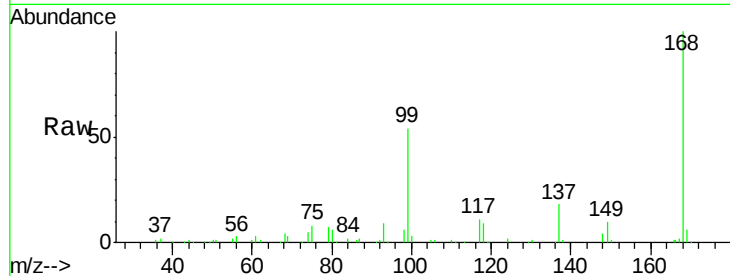




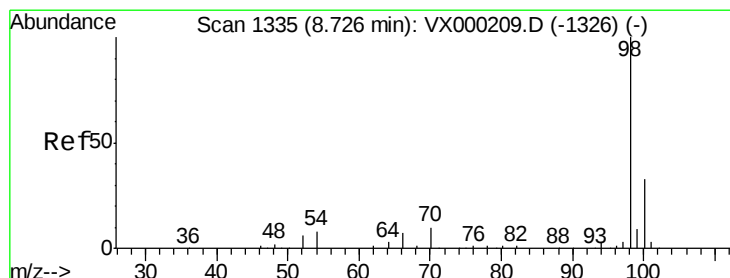
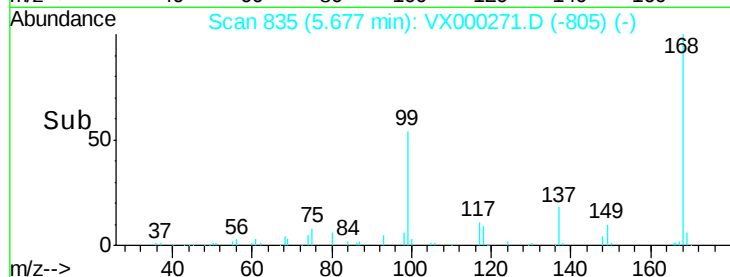
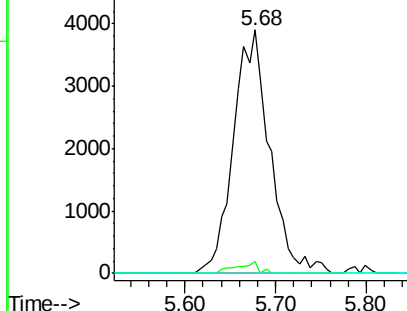
#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000271.D
Acq: 12 Mar 2018 11:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 10834
Ion Ratio Lower Upper
117 100
119 5.0 75.9 113.9#
121 0.0 25.8 38.6#

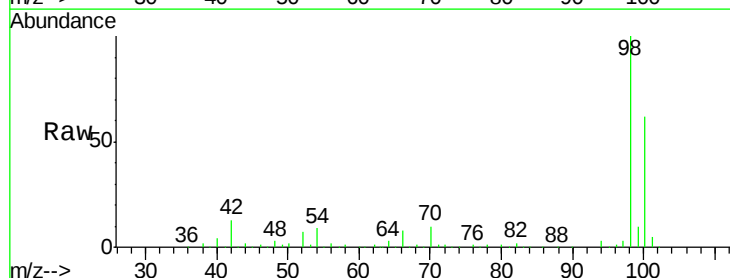


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

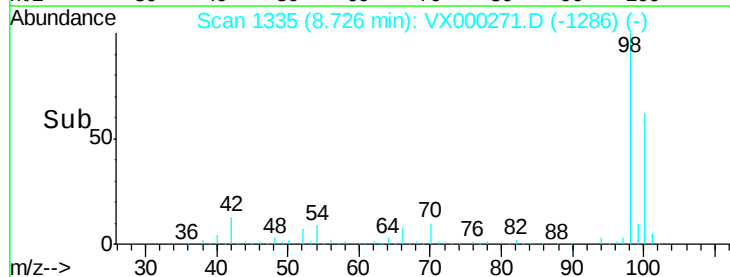
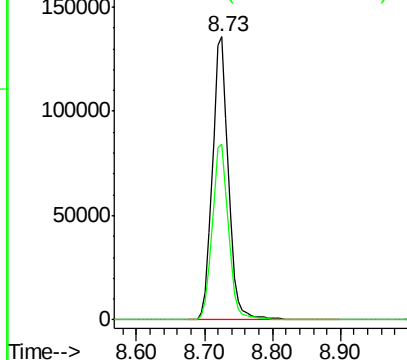


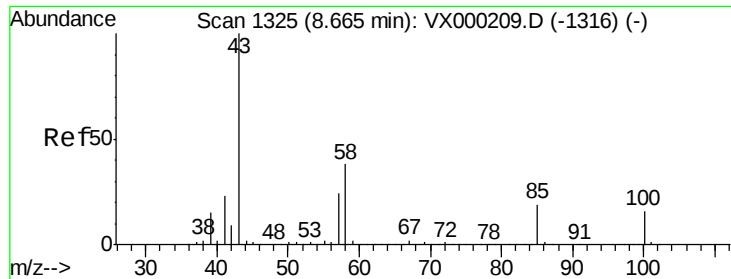
#50
Toluene-d8
Concen: 47.92 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000271.D
Acq: 12 Mar 2018 11:41

Tgt Ion: 98 Resp: 223218
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 0.42 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. 0.05 min

Lab File: VX000271.D

Acq: 12 Mar 2018 11:41

Instrument :

MSVOA_X

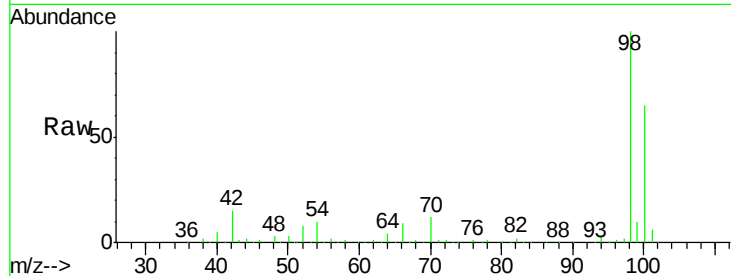
ClientSampled :

Tot Ion: 43 Resp: 1065

Ion Ratio Lower Upper

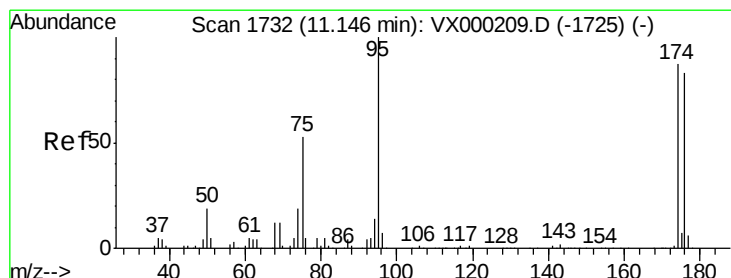
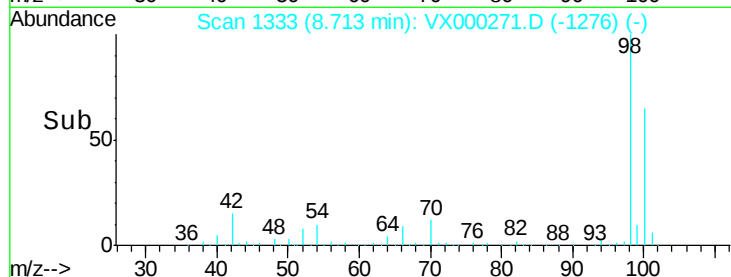
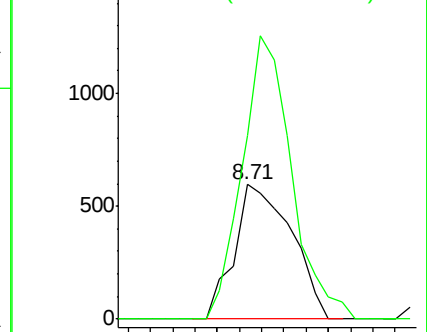
43 100

58 182.2 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.80 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000271.D

Acq: 12 Mar 2018 11:41

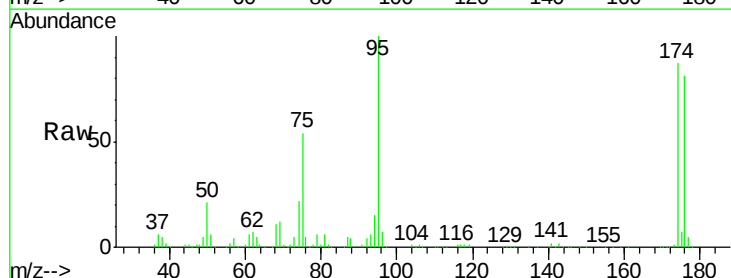
Tgt Ion: 95 Resp: 79618

Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.6

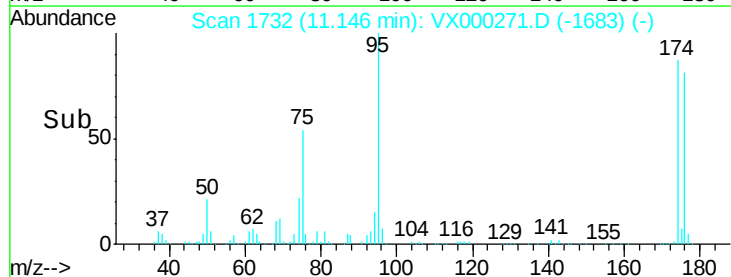
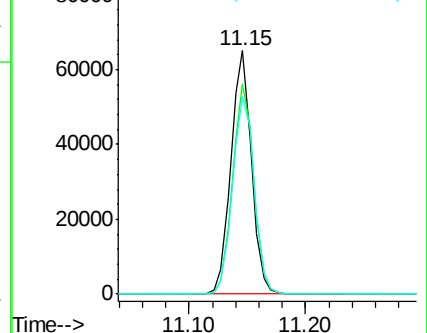
176 85.9 0.0 171.0

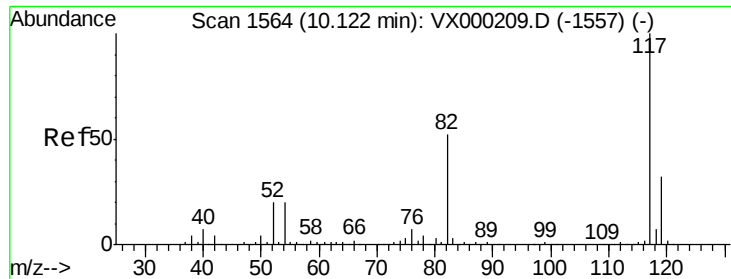


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

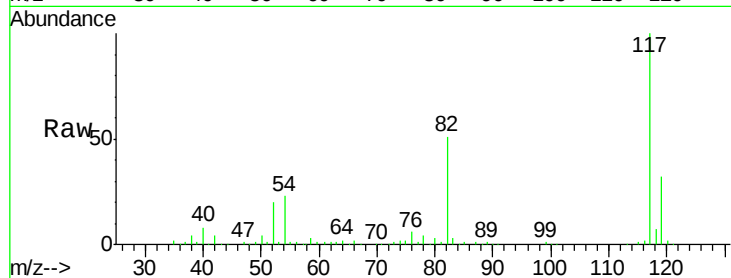




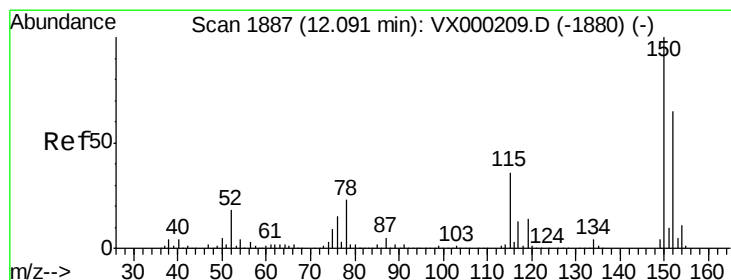
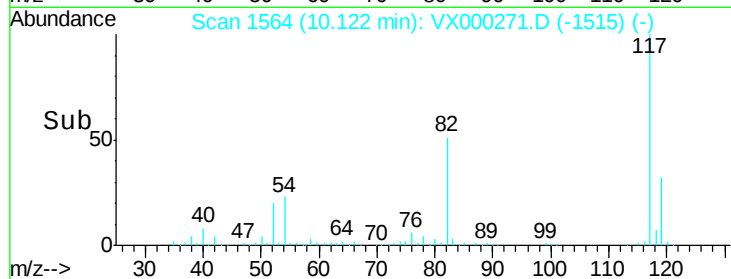
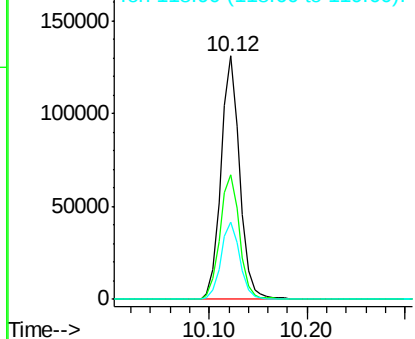
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000271.D
Acq: 12 Mar 2018 11:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 174153
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 31.7 25.3 37.9

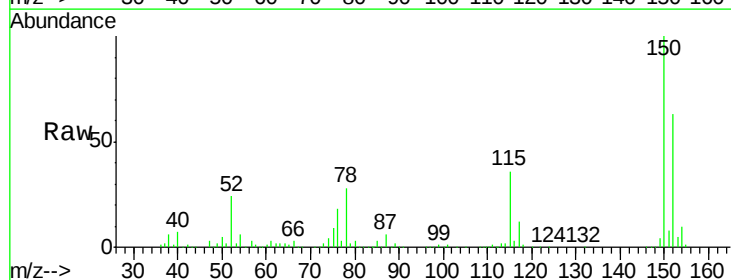


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

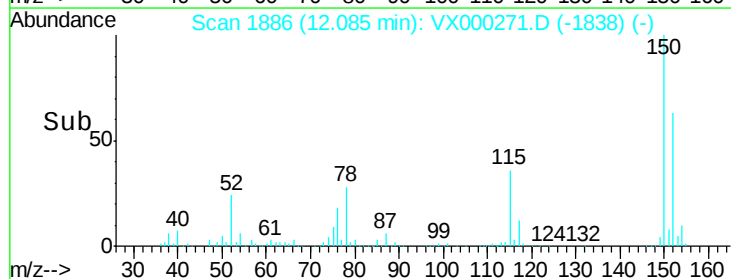
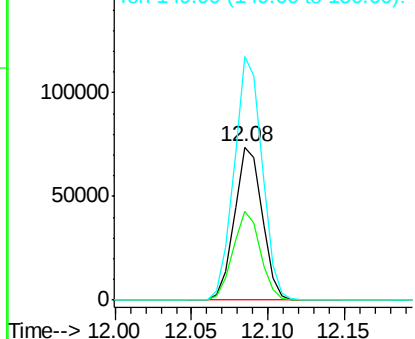


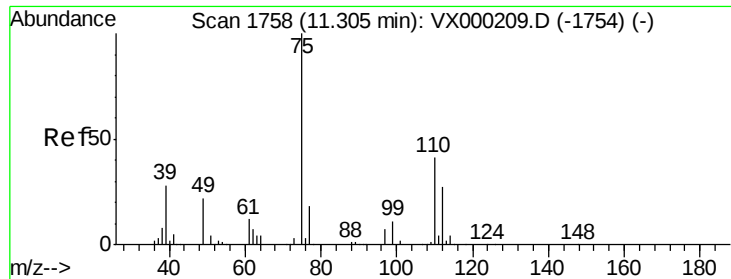
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000271.D
Acq: 12 Mar 2018 11:41

Tgt Ion:152 Resp: 92709
Ion Ratio Lower Upper
152 100
115 57.0 39.8 119.3
150 160.2 0.0 345.0



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: 24.57 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000271.D

Acq: 12 Mar 2018 11:41

Instrument :

MSVOA_X

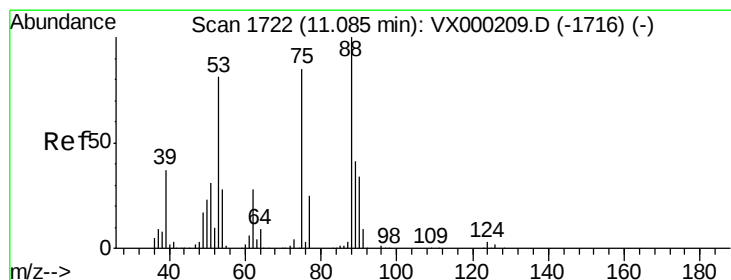
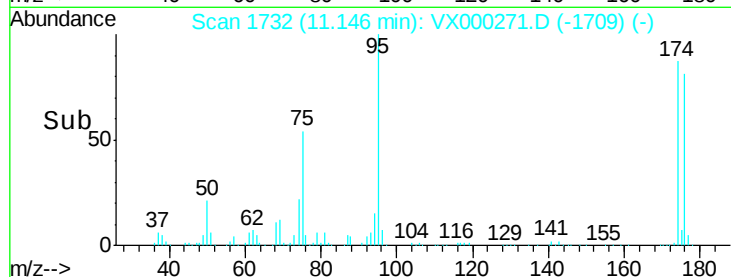
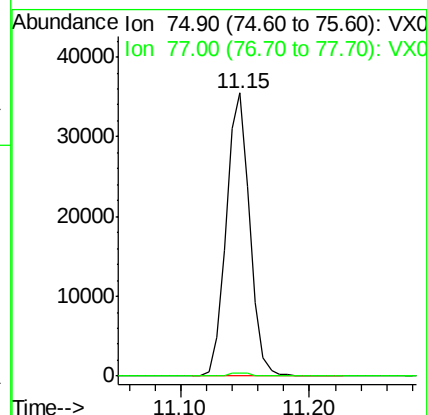
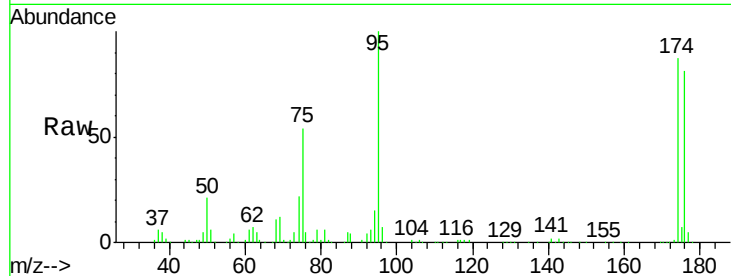
ClientSampleId :

Tot Ion: 75 Resp: 45670

Ion Ratio Lower Upper

75 100

77 1.0 22.3 66.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.25 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000271.D

Acq: 12 Mar 2018 11:41

Tgt Ion: 75 Resp: 45670

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.1 38.8 58.2#

