

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000543.D
 Acq On : 30 Mar 2018 05:10
 Operator : JC/MD
 Sample : J2094-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22052-53

Quant Time: Mar 30 08:29:50 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

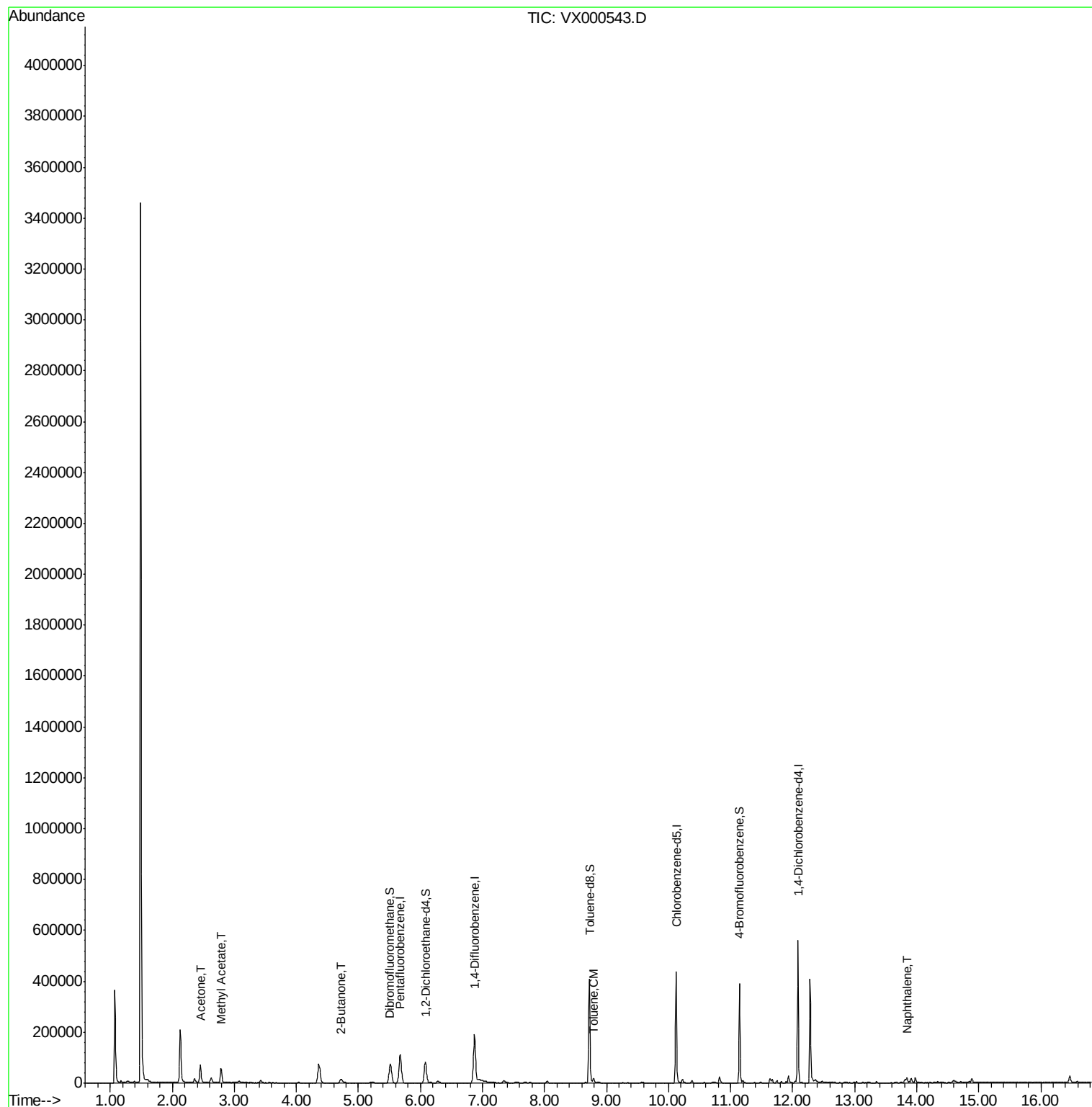
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	107277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	104120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75593	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	5.51	113	60591	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	8.73	98	246493	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.15	95	86804	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	
Target Compounds						
16) Acetone	2.45	43	77238	66.30	ug/l	98
18) Methyl Acetate	2.79	43	66102	27.07	ug/l	99
25) 2-Butanone	4.73	43	27797	21.23	ug/l	95
52) Toluene	8.79	92	5272	1.48	ug/l	99
95) Naphthalene	13.84	128	10188	1.20	ug/l	100

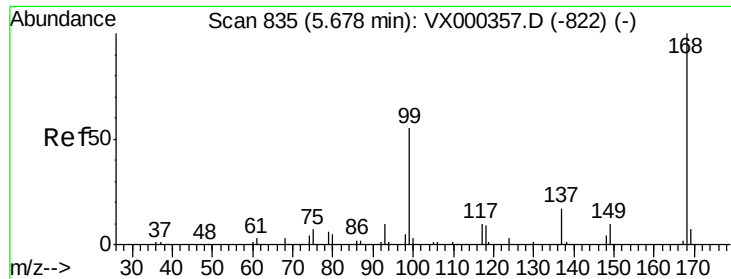
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000543.D

Acq: 30 Mar 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

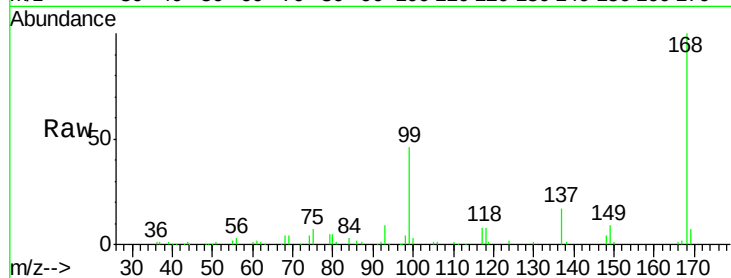
22052-53

Tot Ion:168 Resp: 107277

Ion Ratio Lower Upper

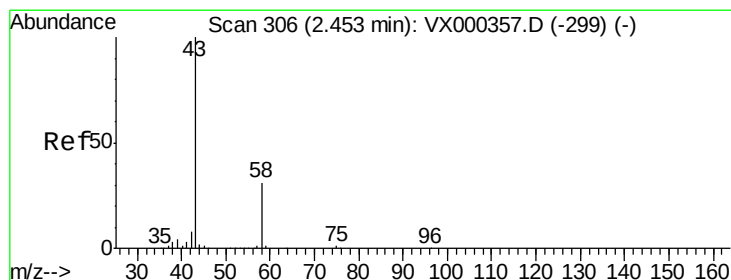
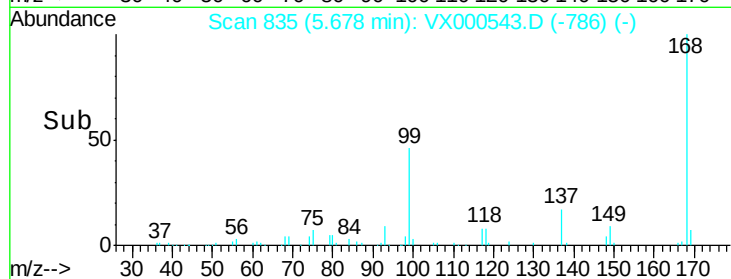
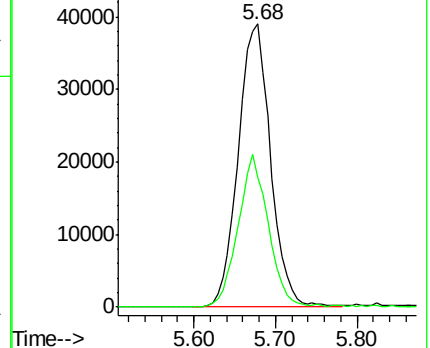
168 100

99 45.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 66.30 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000543.D

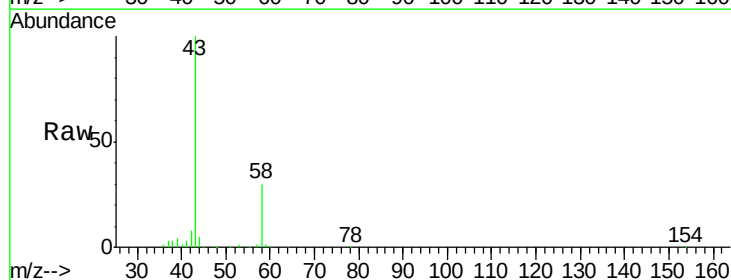
Acq: 30 Mar 2018 05:10

Tgt Ion: 43 Resp: 77238

Ion Ratio Lower Upper

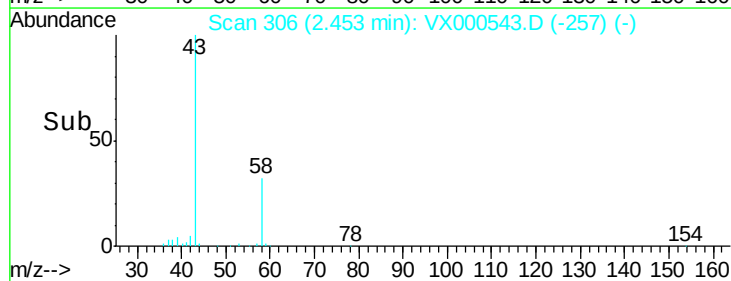
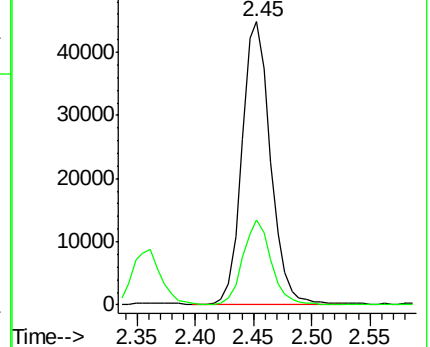
43 100

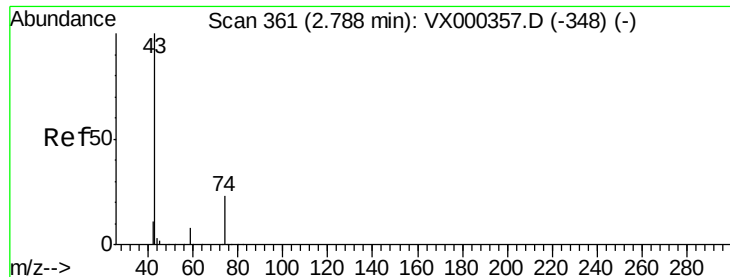
58 30.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

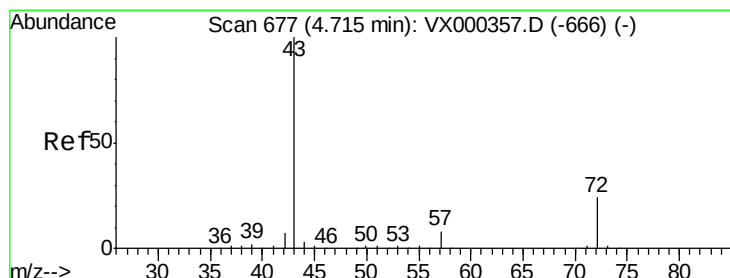
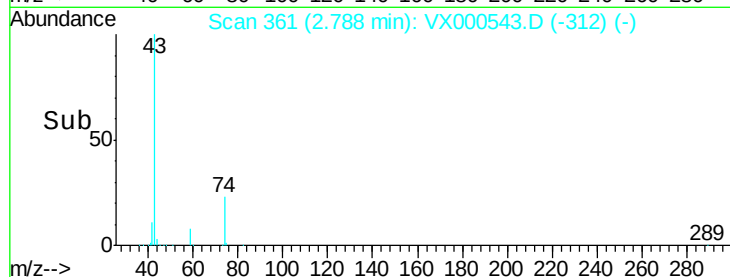
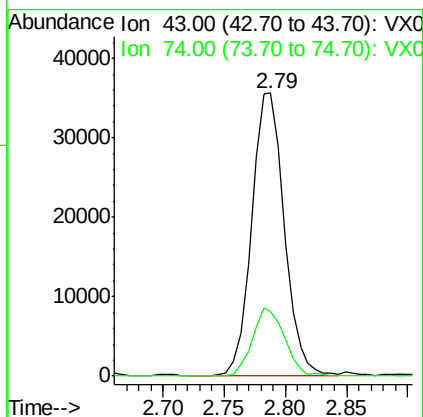
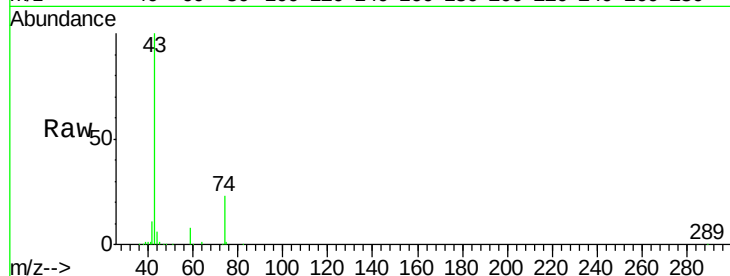




#18
Methvl Acetate
Concen: 27.07 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000543.D
Acq: 30 Mar 2018 05:10

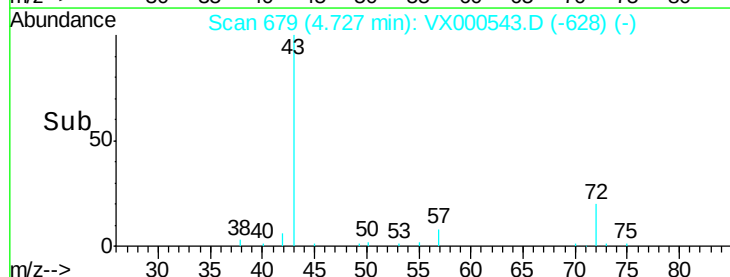
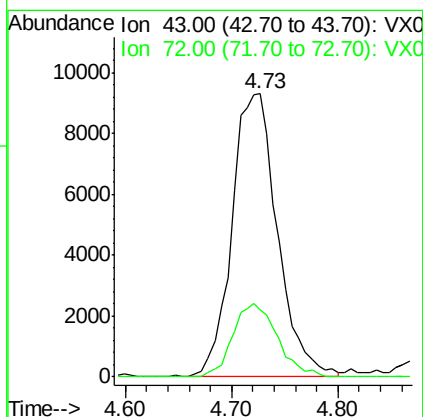
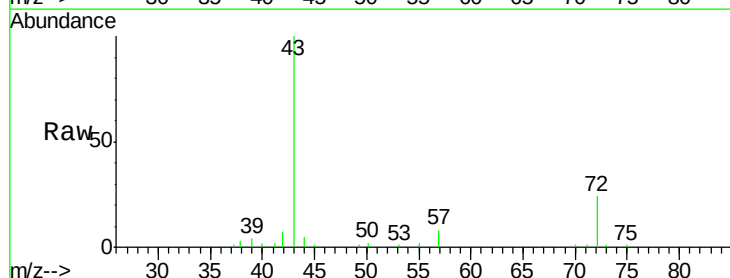
Instrument :
MSVOA_X
ClientSampleId :
22052-53

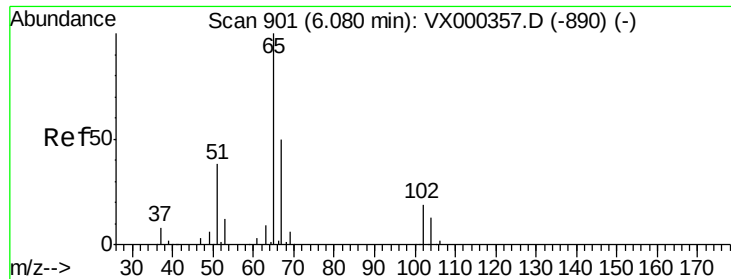
Tot Ion: 43 Resp: 66102
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2



#25
2-Butanone
Concen: 21.23 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000543.D
Acq: 30 Mar 2018 05:10

Tgt Ion: 43 Resp: 27797
Ion Ratio Lower Upper
43 100
72 23.6 21.0 31.6

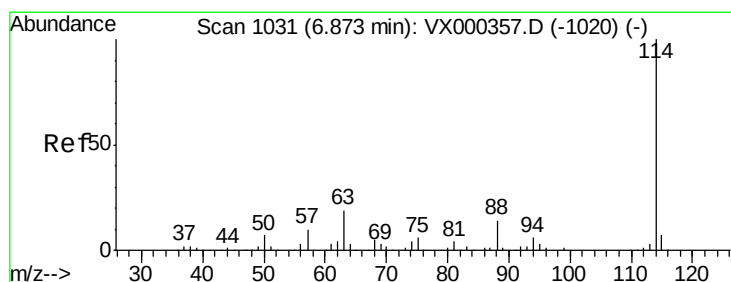
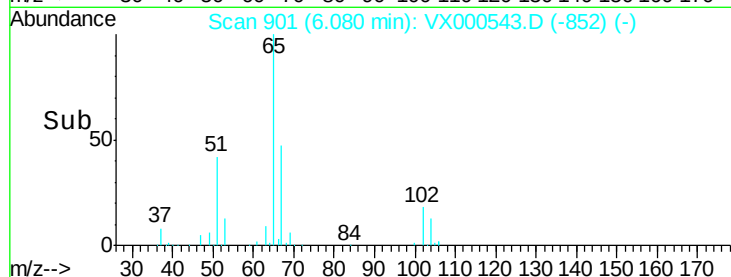
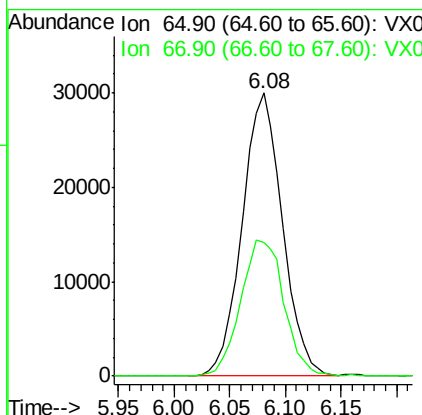
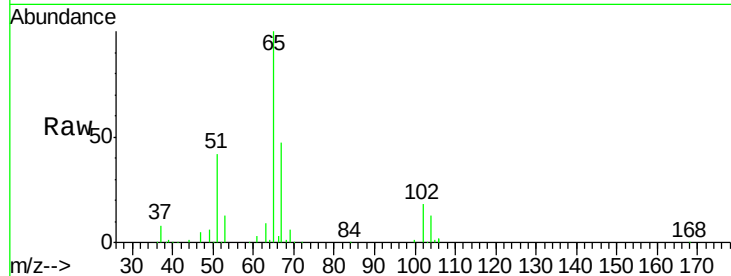




#33
 1,2-Dichloroethane-d4
 Concen: 53.98 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000543.D
 Acq: 30 Mar 2018 05:10

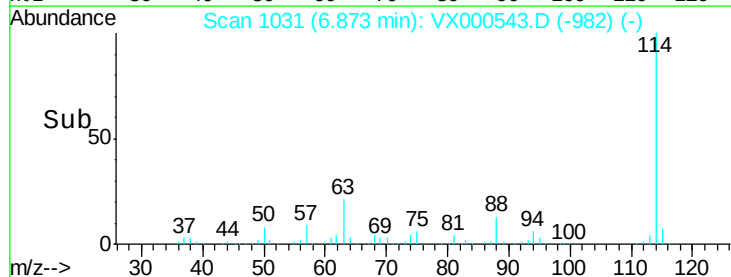
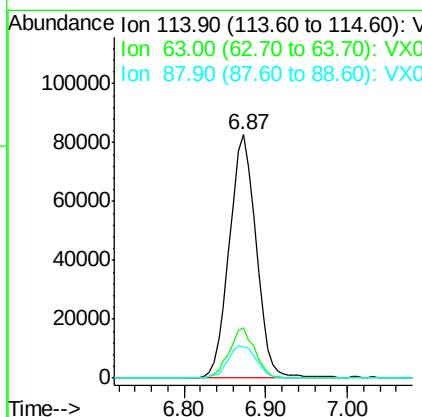
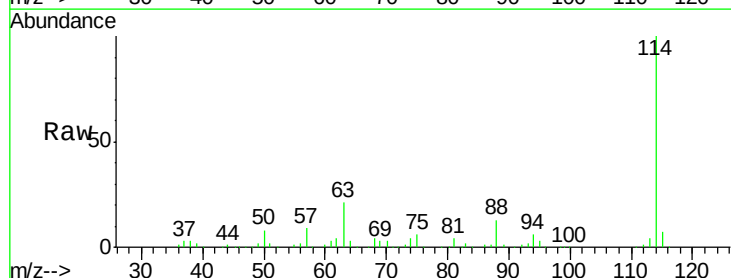
Instrument :
 MSVOA_X
 ClientSampleId :
 22052-53

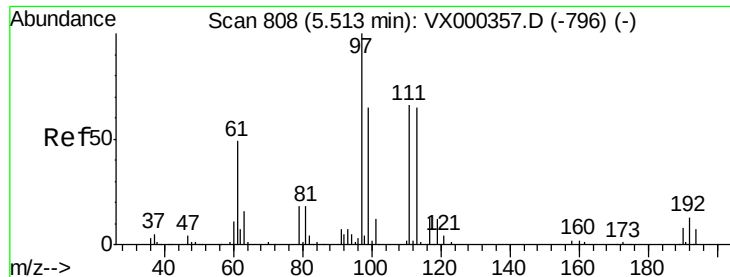
Tot Ion: 65 Resp: 75593
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000543.D
 Acq: 30 Mar 2018 05:10

Tgt Ion: 114 Resp: 187727
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.4
 88 13.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.22 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000543.D

Acq: 30 Mar 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

22052-53

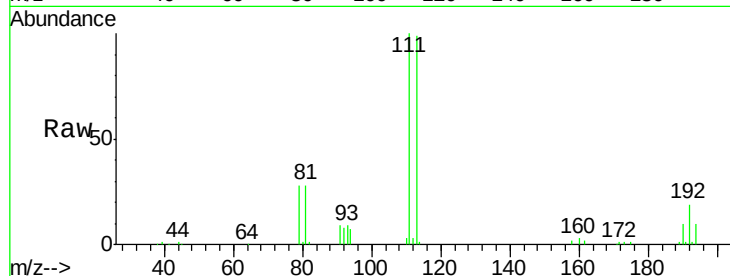
Tot Ion:113 Resp: 60591

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

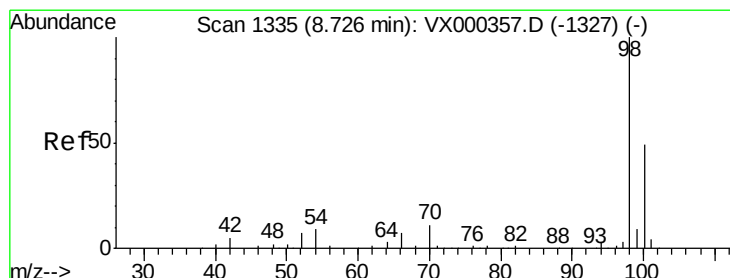
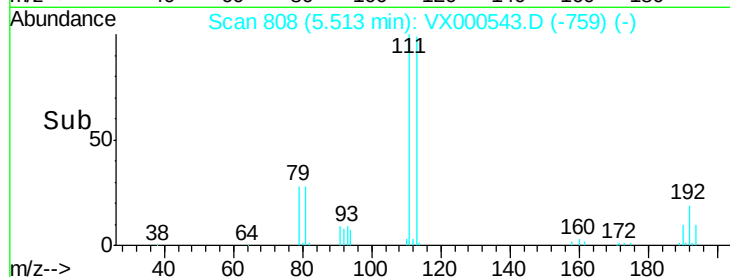
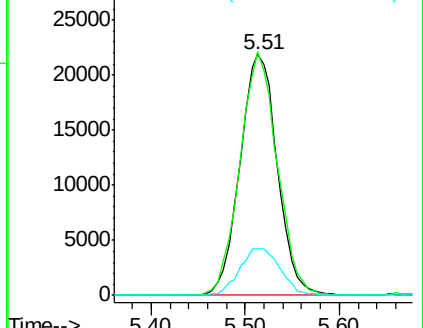
192 21.2 15.8 23.6



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



#50

Toluene-d8

Concen: 50.32 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000543.D

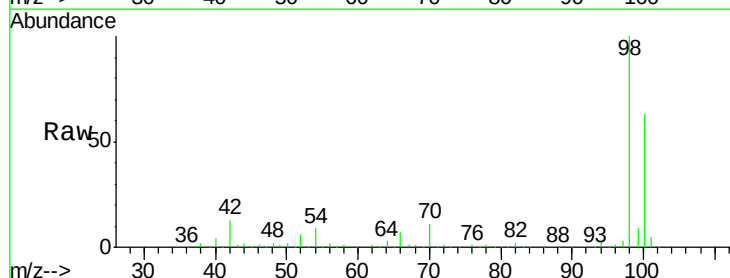
Acq: 30 Mar 2018 05:10

Tgt Ion: 98 Resp: 246493

Ion Ratio Lower Upper

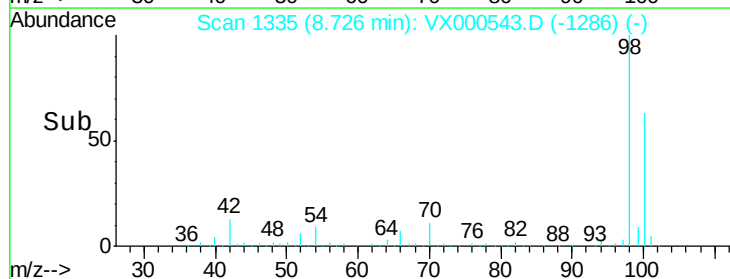
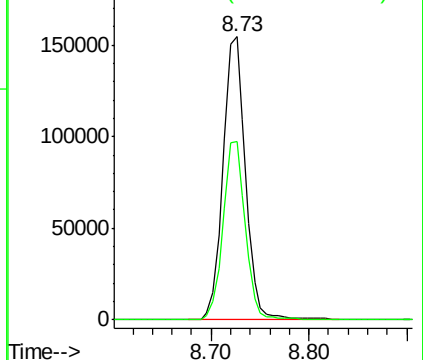
98 100

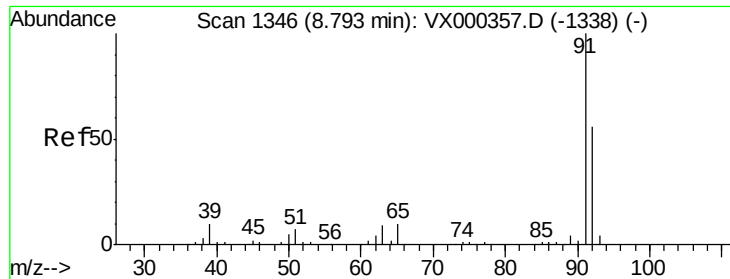
100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#52

Toluene

Concen: 1.48 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000543.D

Acq: 30 Mar 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

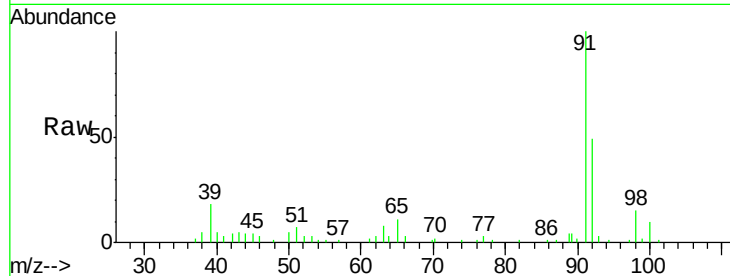
22052-53

Tot Ion: 92 Resp: 5272

Ion Ratio Lower Upper

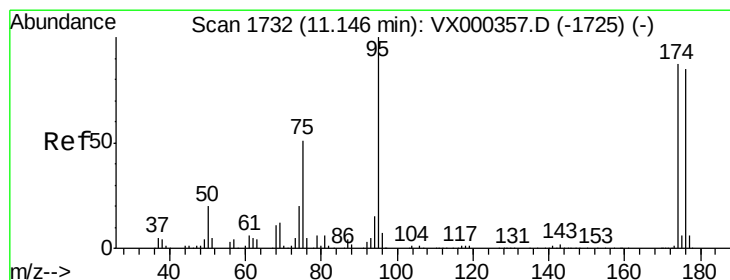
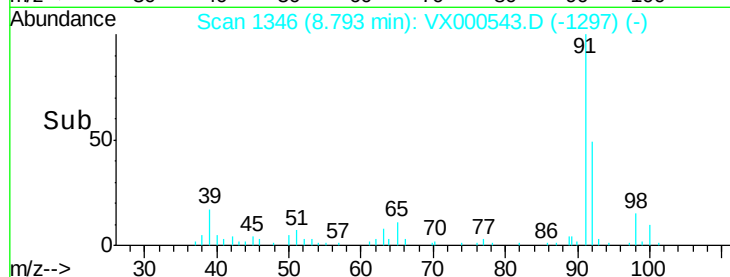
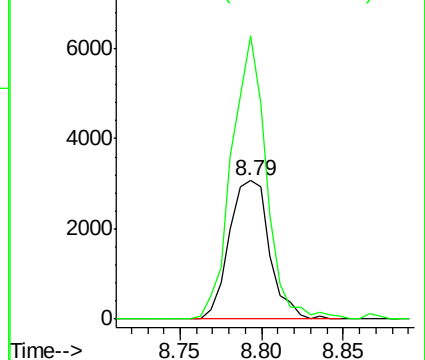
92 100

91 176.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.93 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000543.D

Acq: 30 Mar 2018 05:10

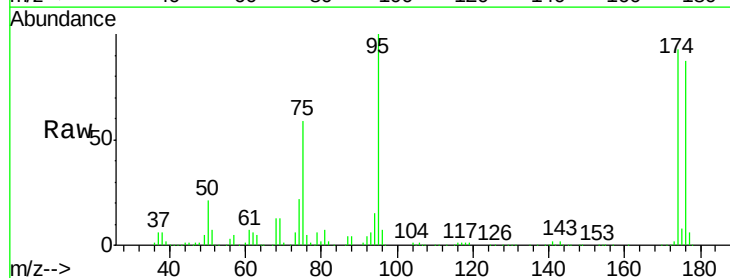
Tgt Ion: 95 Resp: 86804

Ion Ratio Lower Upper

95 100

174 90.7 0.0 173.6

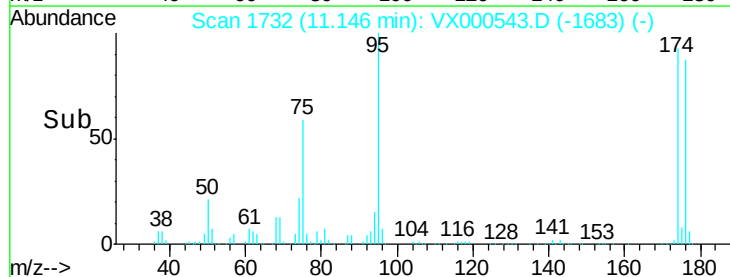
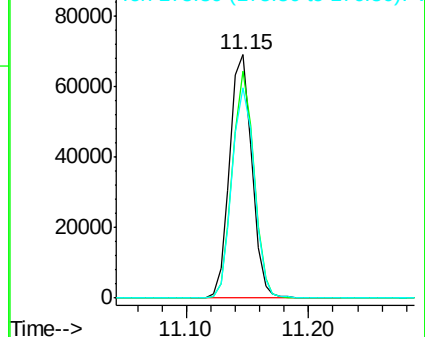
176 87.2 0.0 164.6

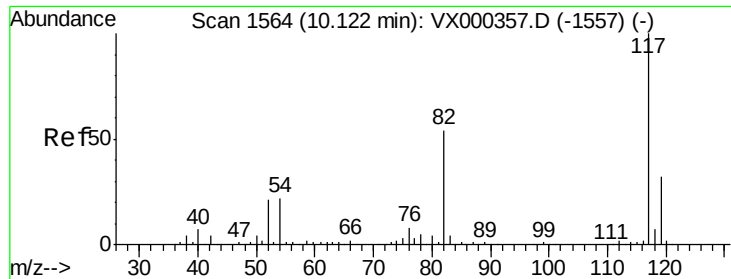


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

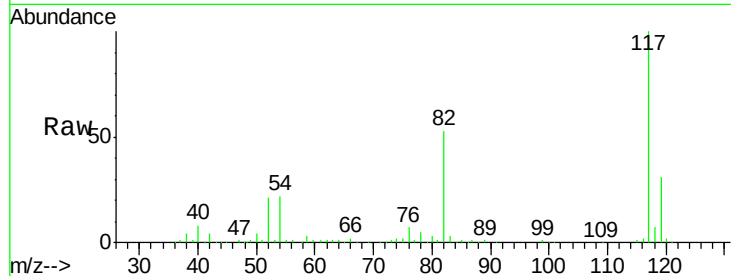




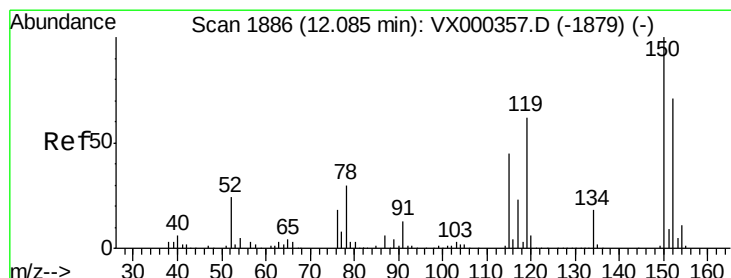
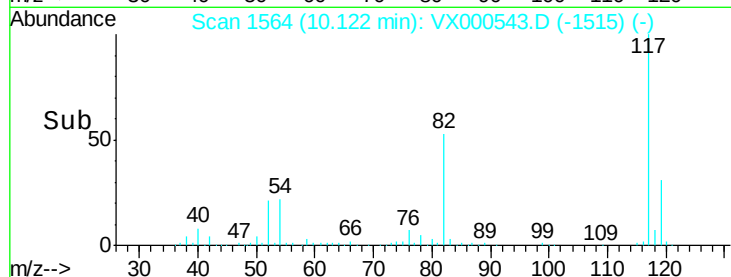
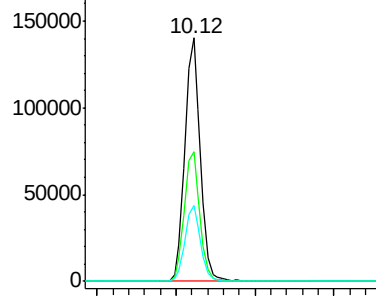
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000543.D
Acq: 30 Mar 2018 05:10

Instrument :
MSVOA_X
ClientSampled :
22052-53

Tot Ion:117 Resp: 191330
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 31.0 24.9 37.3

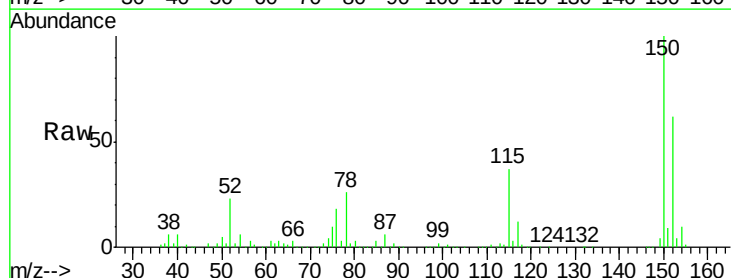


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

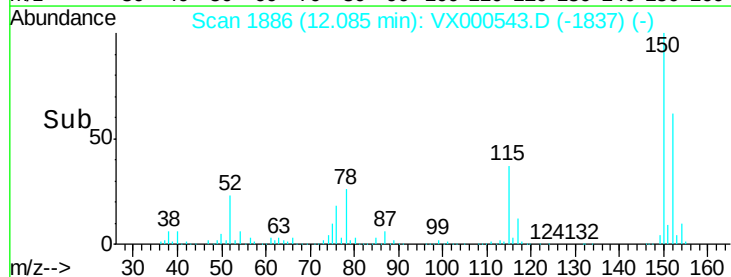
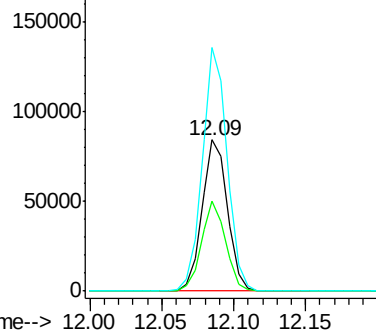


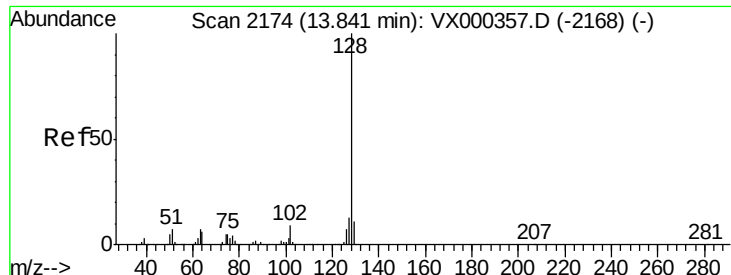
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000543.D
Acq: 30 Mar 2018 05:10

Tgt Ion:152 Resp: 104120
Ion Ratio Lower Upper
152 100
115 57.1 39.8 119.3
150 157.8 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





#95
Naphthalene
Concen: 1.20 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000543.D
Acq: 30 Mar 2018 05:10

Instrument :
MSVOA_X
ClientSampleId :
22052-53

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	8.9	13.3

