

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000562.D
 Acq On : 30 Mar 2018 16:14
 Operator : JC/MD
 Sample : J2131-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4529-33

Quant Time: Apr 03 17:12:12 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

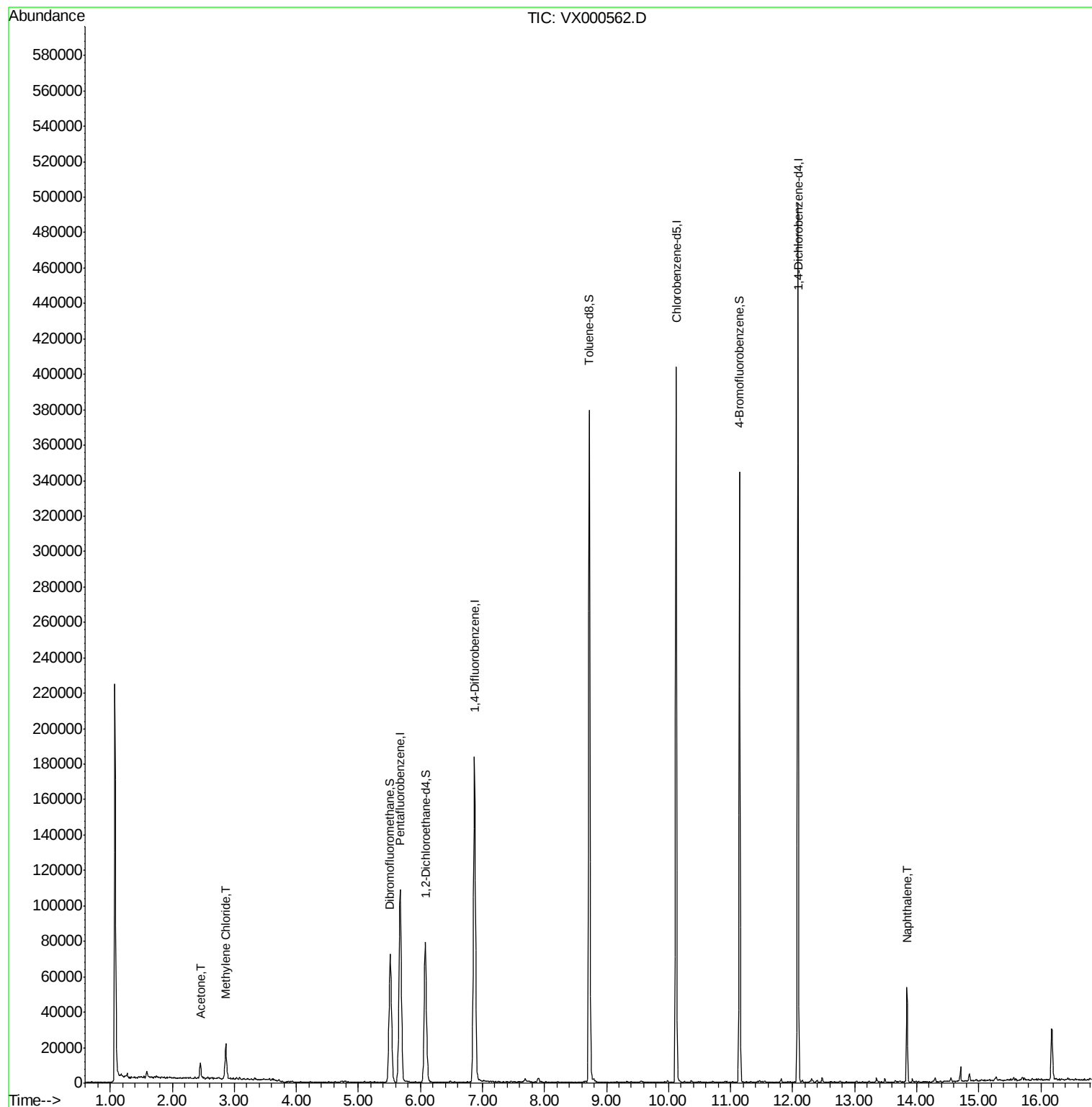
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	176499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	90418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	70838	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
35) Dibromofluoromethane	5.51	113	55362	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	8.72	98	223826	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.15	95	74138	39.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.12%	
Target Compounds						
16) Acetone	2.45	43	9370	8.53	ug/l	91
20) Methylene Chloride	2.86	84	8061	6.36	ug/l	93
95) Naphthalene	13.84	128	29694	4.02	ug/l	98

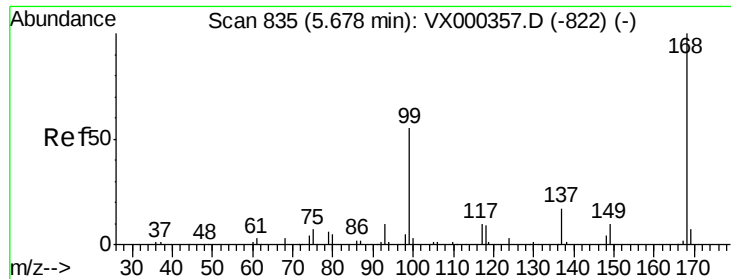
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000562.D

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Instrument :

MSVOA_X

ClientSampleId :

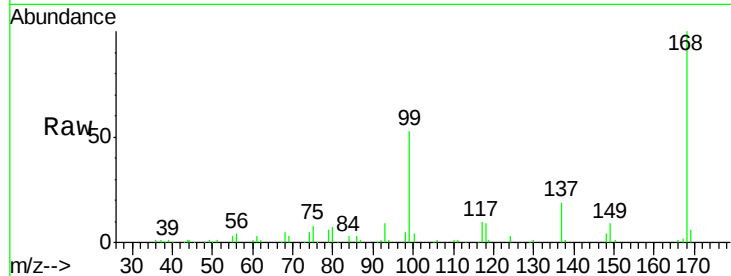
4529-33

Tot Ion:168 Resp: 101113

Ion Ratio Lower Upper

168 100

99 53.3 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

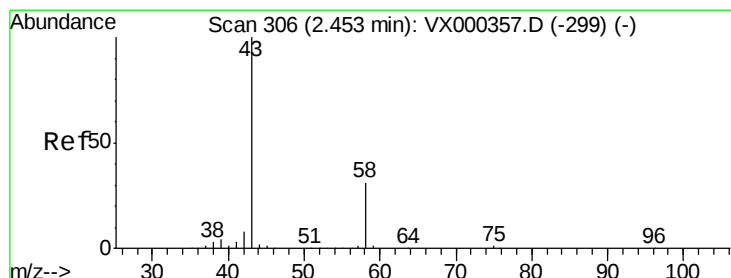
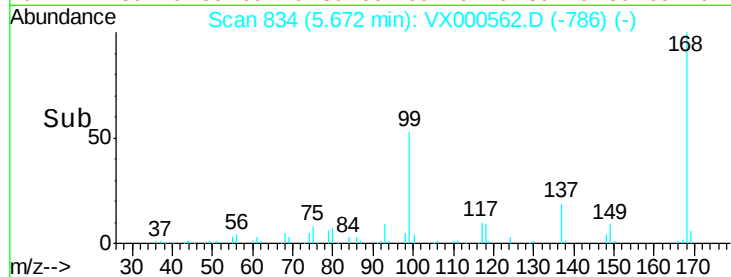
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 8.53 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000562.D

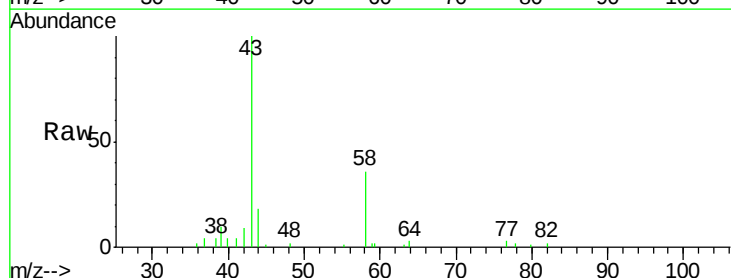
Acq: 30 Mar 2018 16:14

Tgt Ion: 43 Resp: 9370

Ion Ratio Lower Upper

43 100

58 35.9 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

6000

5000

4000

3000

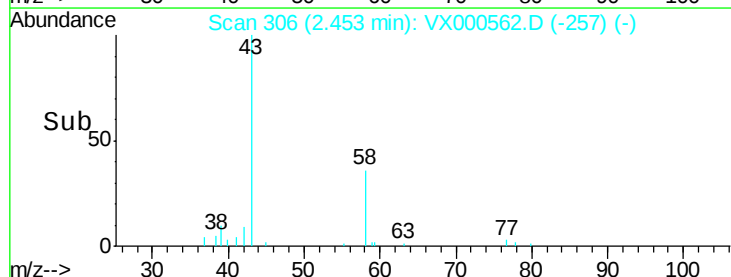
2000

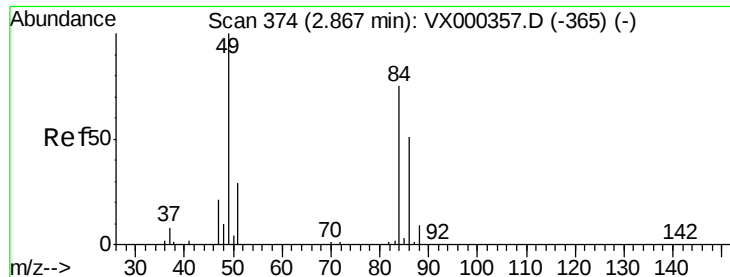
1000

0

2.40 2.45 2.50

Time-->

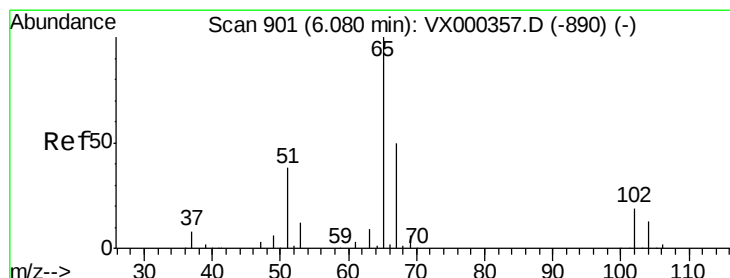
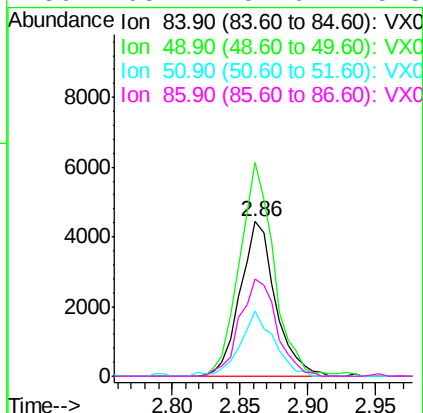
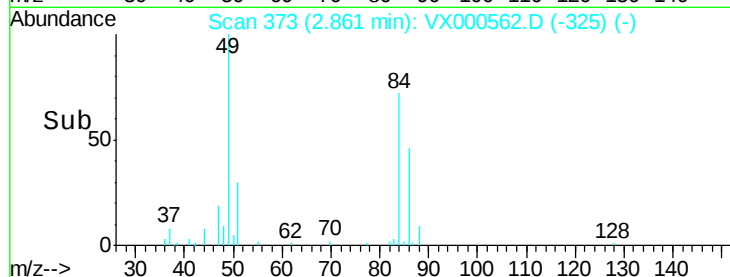
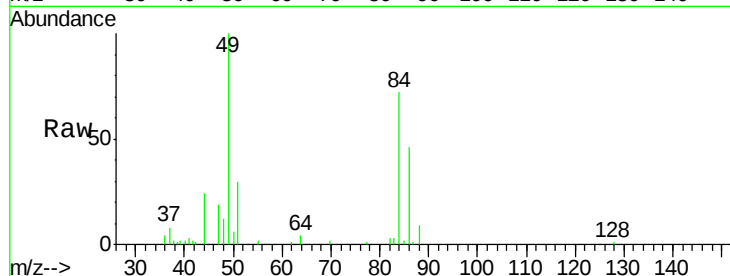




#20
Methvlene Chloride
Concen: 6.36 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000562.D
Acq: 30 Mar 2018 16:14

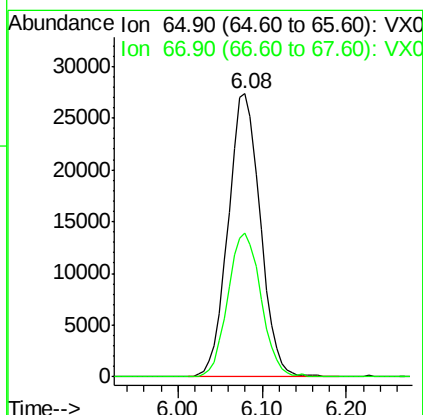
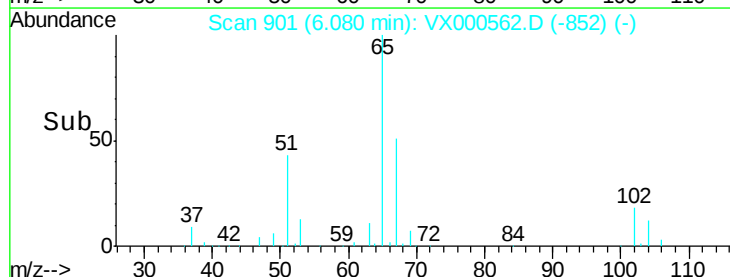
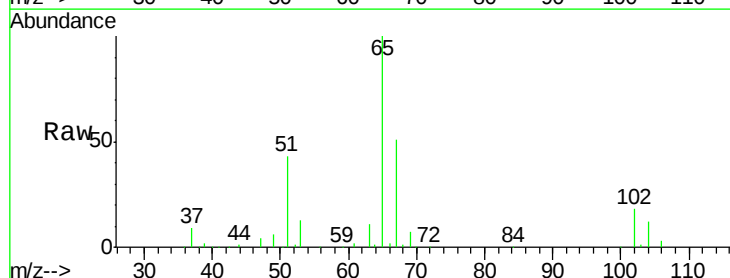
Instrument :
MSVOA_X
ClientSampleId :
4529-33

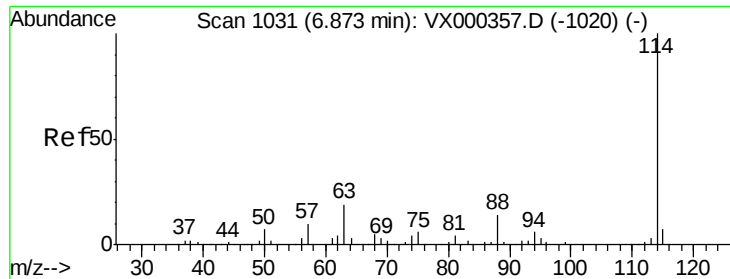
Tot Ion: 84 Resp: 8061
Ion Ratio Lower Upper
84 100
49 138.0 100.6 151.0
51 41.8 31.6 47.4
86 63.1 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 53.67 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000562.D
Acq: 30 Mar 2018 16:14

Tgt Ion: 65 Resp: 70838
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2

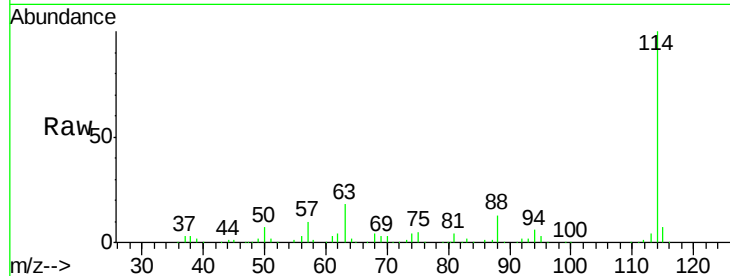




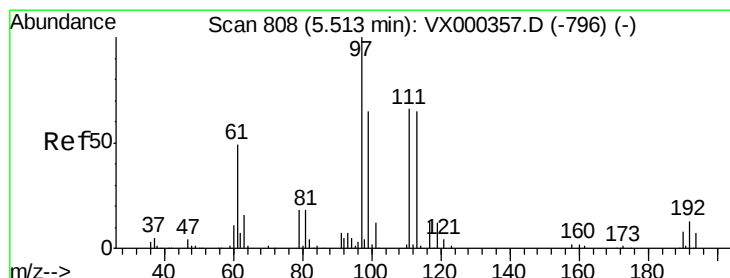
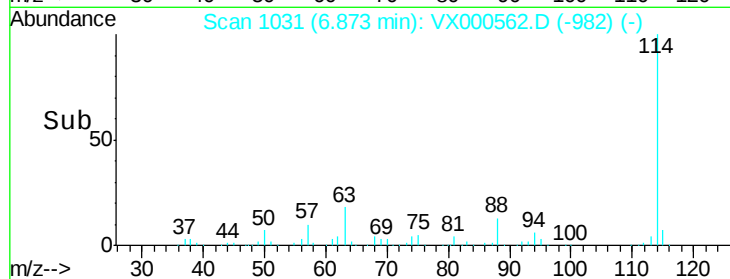
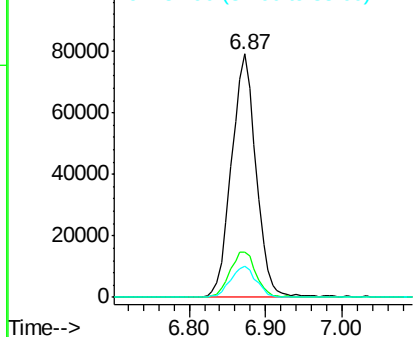
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000562.D
 Acq: 30 Mar 2018 16:14

Instrument :
 MSVOA_X
 ClientSampled :
 4529-33

Tot Ion:114 Resp: 176499
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 12.8 0.0 27.0

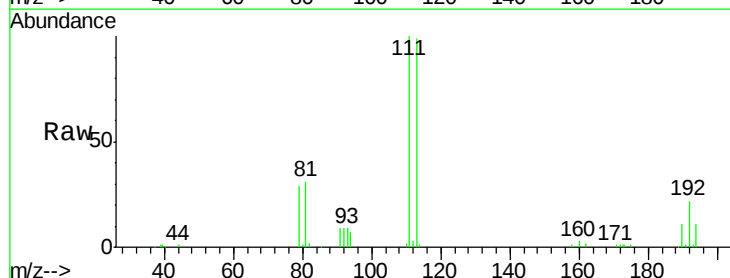


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

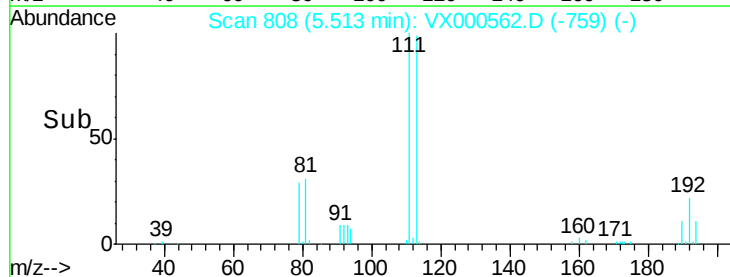
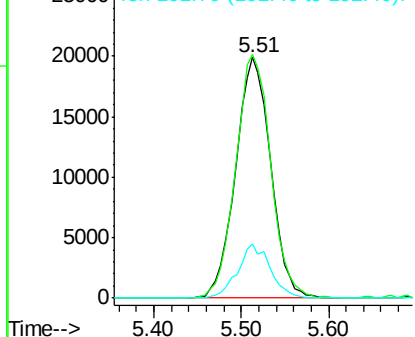


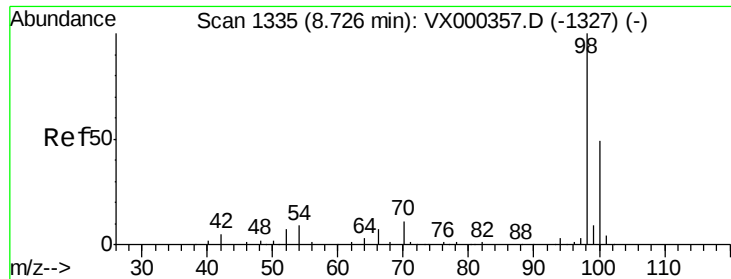
#35
 Dibromofluoromethane
 Concen: 49.78 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000562.D
 Acq: 30 Mar 2018 16:14

Tgt Ion:113 Resp: 55362
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.4 123.6
 192 20.7 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: 48.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000562.D

Acq: 30 Mar 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

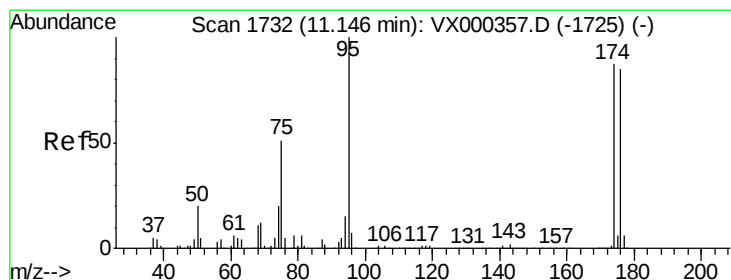
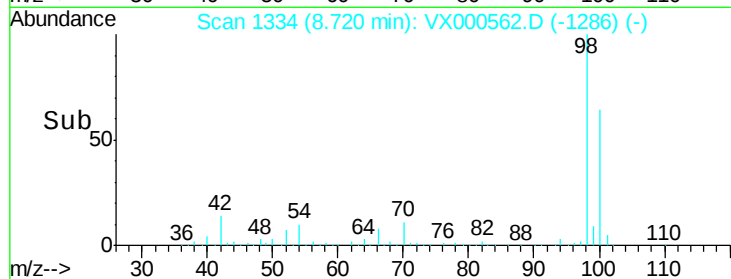
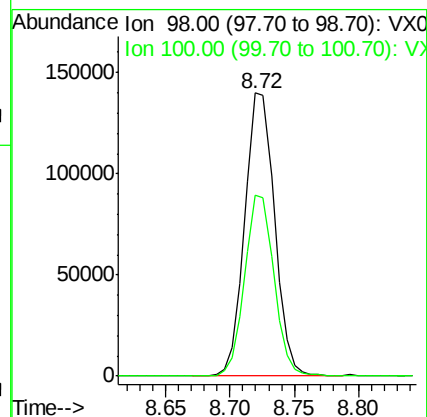
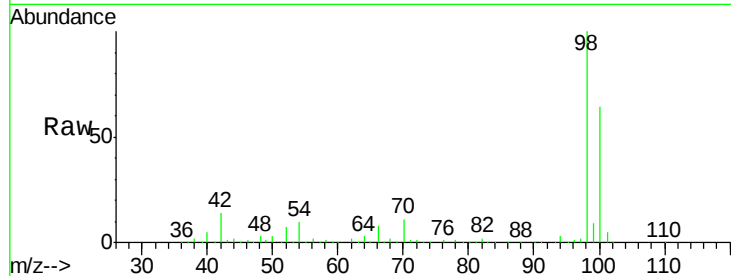
4529-33

Tot Ion: 98 Resp: 223826

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 39.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000562.D

Acq: 30 Mar 2018 16:14

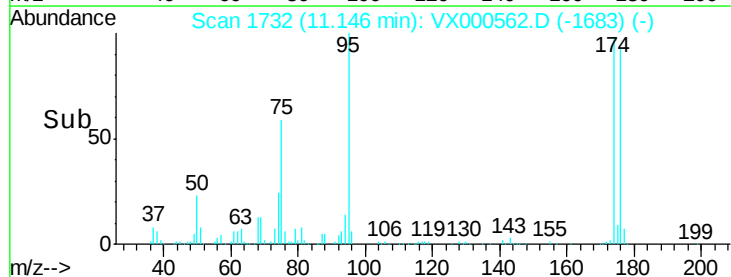
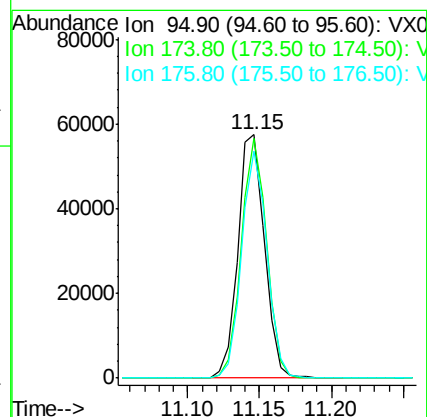
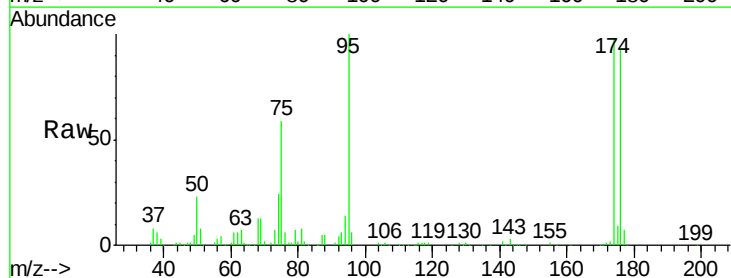
Tgt Ion: 95 Resp: 74138

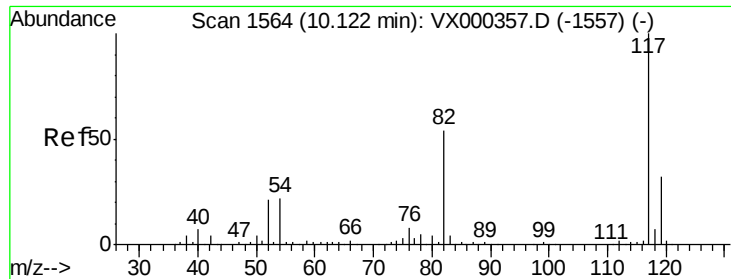
Ion Ratio Lower Upper

95 100

174 93.4 0.0 173.6

176 89.3 0.0 164.6

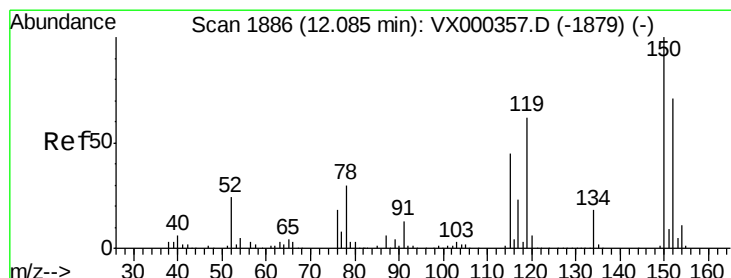
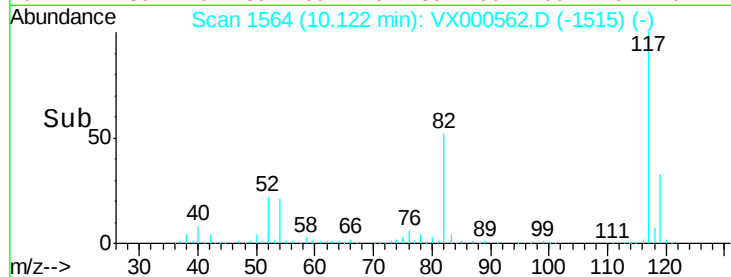
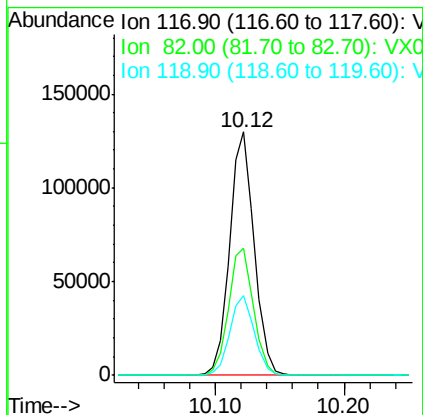
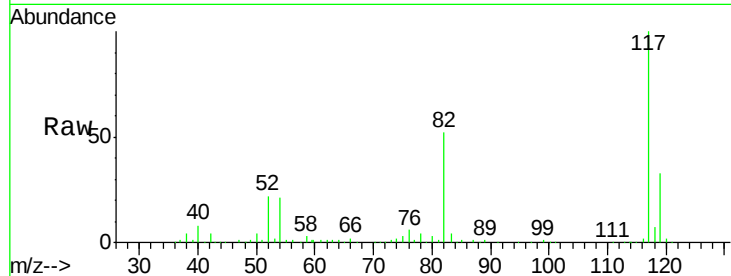




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000562.D
Acq: 30 Mar 2018 16:14

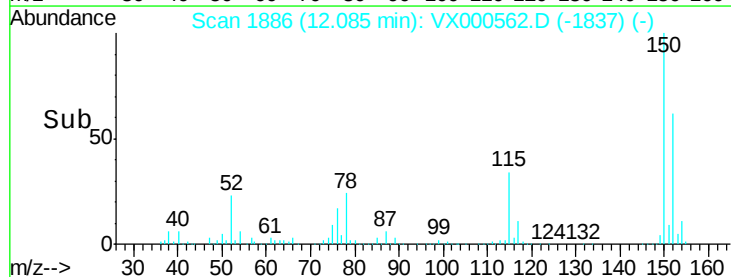
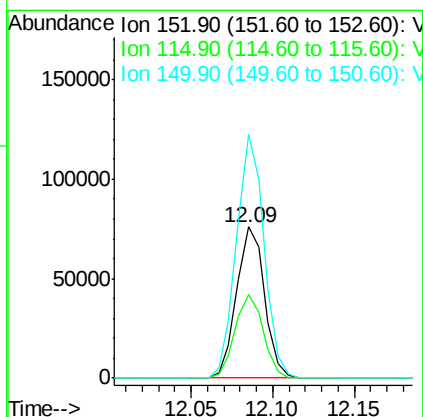
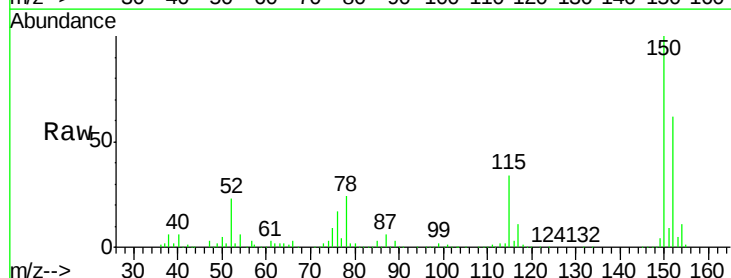
Instrument :
MSVOA_X
ClientSampled :
4529-33

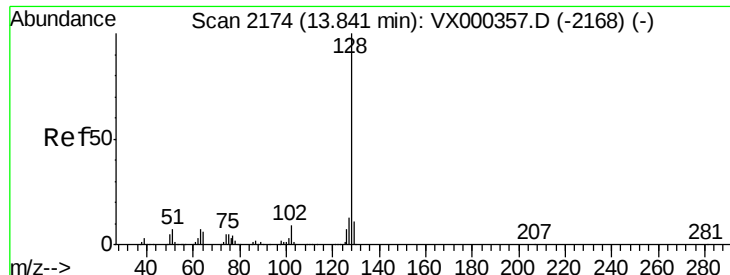
Tot Ion:117 Resp: 172641
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.8
119 32.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000562.D
Acq: 30 Mar 2018 16:14

Tgt Ion:152 Resp: 90418
Ion Ratio Lower Upper
152 100
115 56.1 39.8 119.3
150 159.4 0.0 344.4





#95

Naphthalene

Concen: 4.02 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000562.D

Acq: 30 Mar 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

4529-33

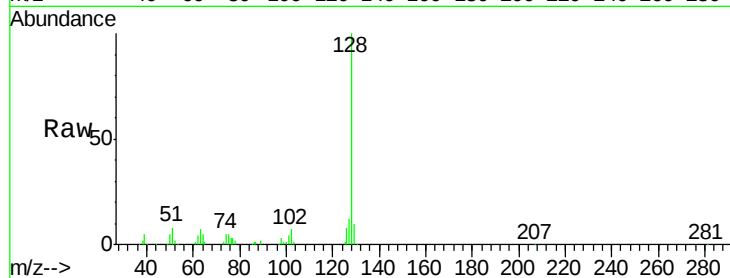
Tot Ion:128 Resp: 29694

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

129 10.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

