

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000489.D
 Acq On : 28 Mar 2018 15:26
 Operator : JC/MD
 Sample : J1754-20 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-032718-E

Quant Time: Mar 29 04:37:09 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

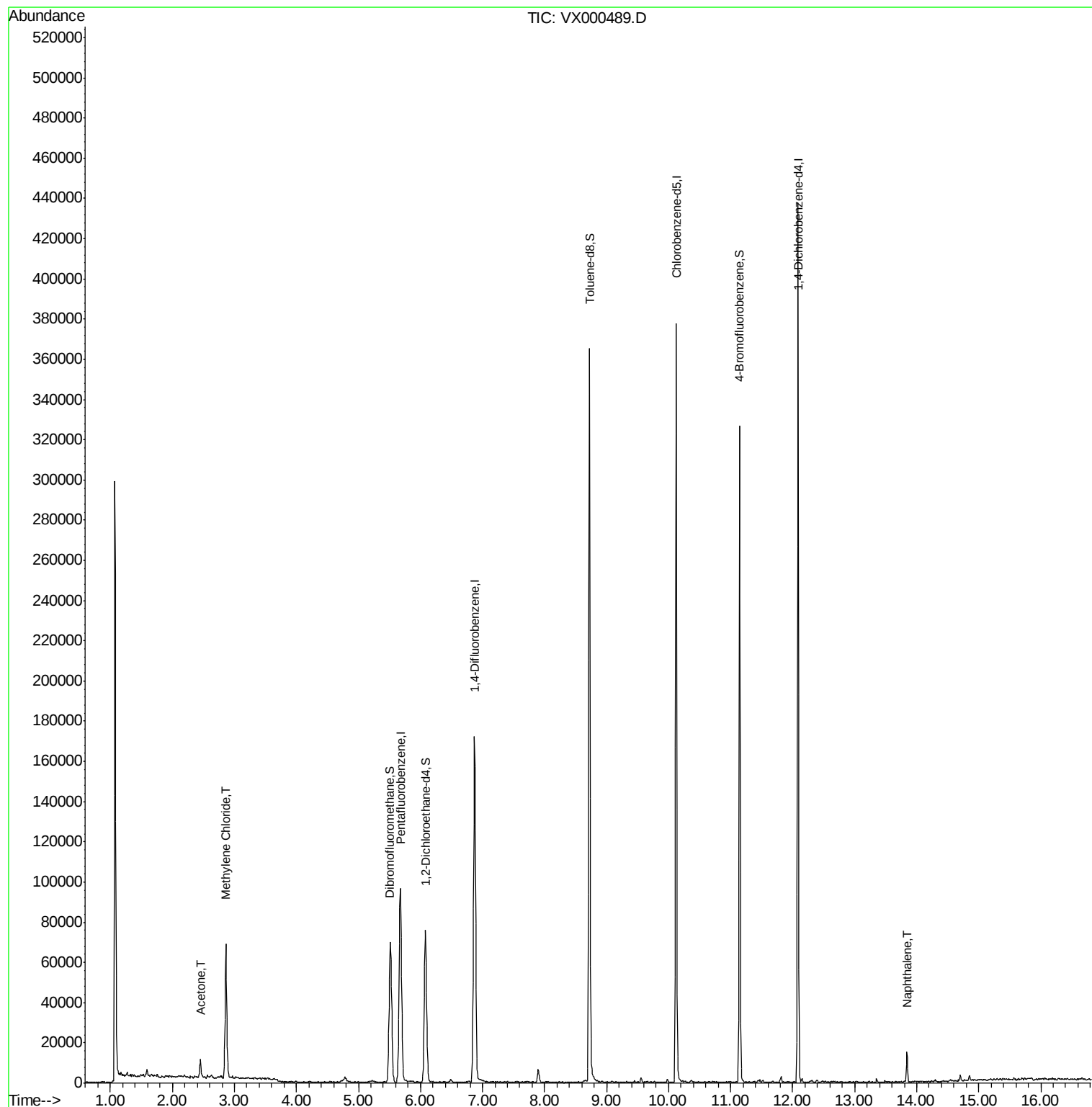
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	95000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	70479	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	5.52	113	53687	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	8.73	98	211669	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.15	95	71525	39.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.14%	
Target Compounds						
16) Acetone	2.45	43	9600	9.31	ug/l	96
20) Methylene Chloride	2.86	84	28814	24.18	ug/l	91
95) Naphthalene	13.84	128	8299	1.21	ug/l	98

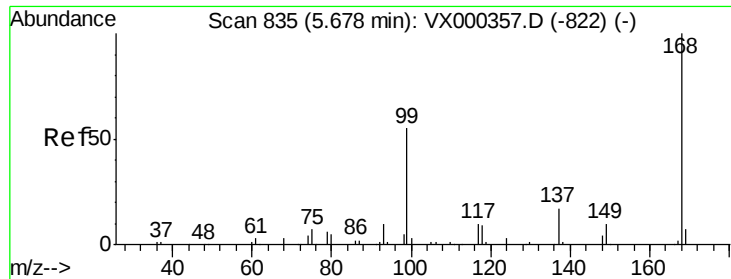
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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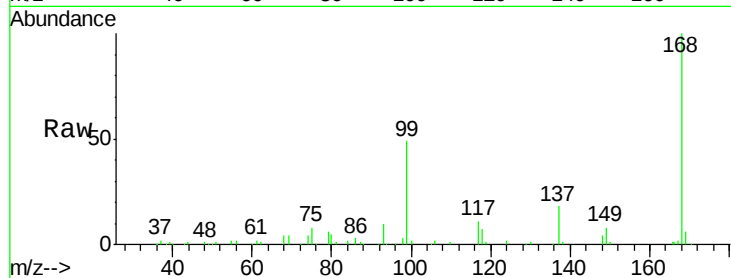




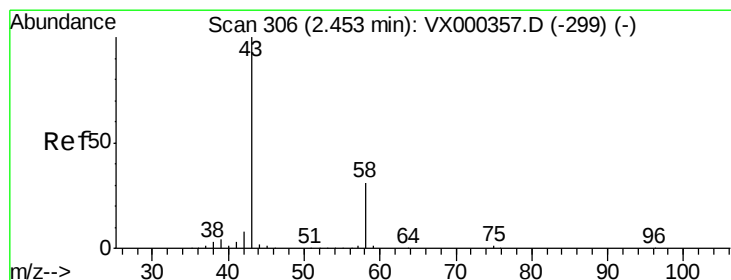
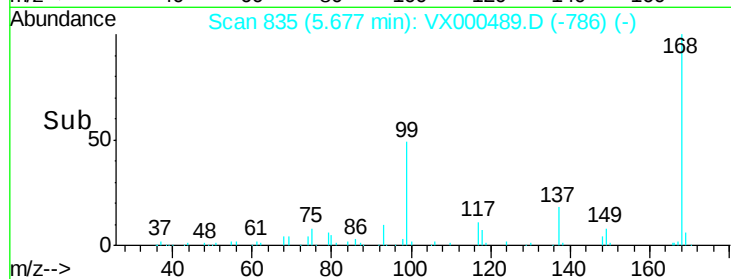
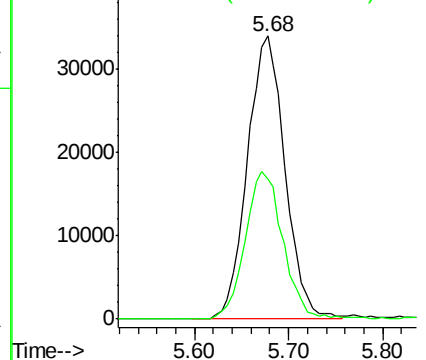
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000489.D
Acq: 28 Mar 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-E

Tot Ion:168 Resp: 95000
Ion Ratio Lower Upper
168 100
99 49.4 45.8 68.6

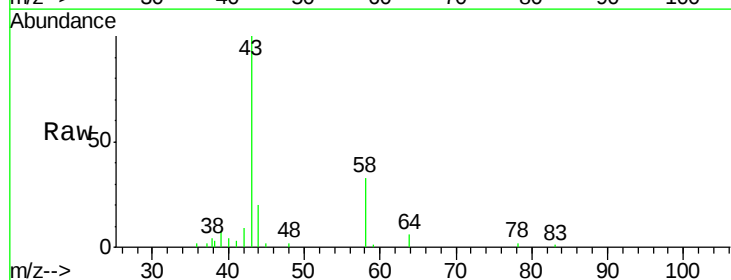


Abundance Ion 167.90 (167.60 to 168.60): VX000489.D (-786) (-)
Ion 98.90 (98.60 to 99.60): VX000489.D (-786) (-)

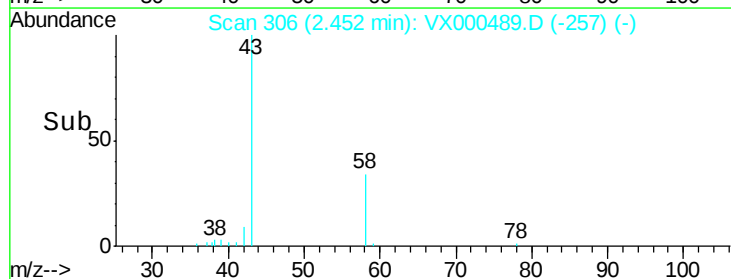
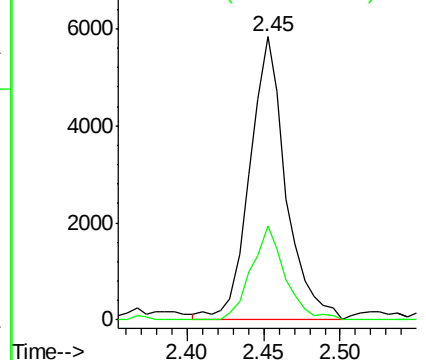


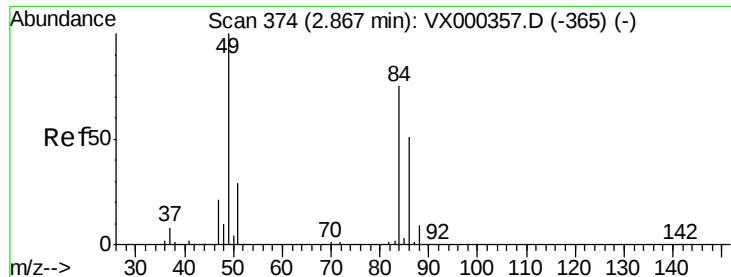
#16
Acetone
Concen: 9.31 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000489.D
Acq: 28 Mar 2018 15:26

Tgt Ion: 43 Resp: 9600
Ion Ratio Lower Upper
43 100
58 33.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX000489.D (-257) (-)
Ion 58.00 (57.70 to 58.70): VX000489.D (-257) (-)

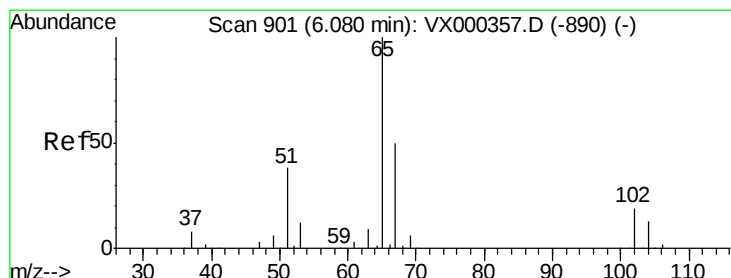
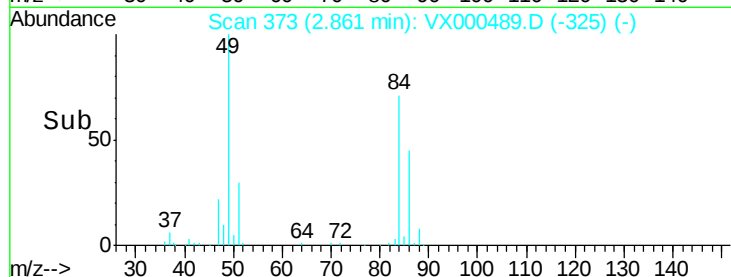
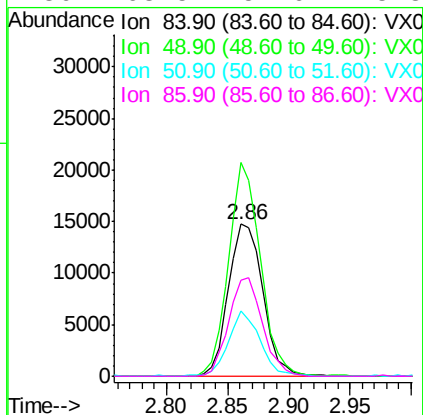
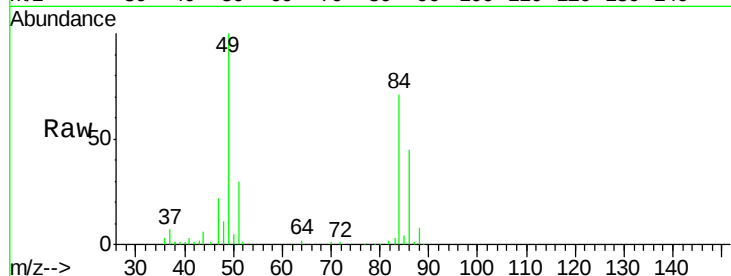




#20
Methvlene Chloride
Concen: 24.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000489.D
Acq: 28 Mar 2018 15:26

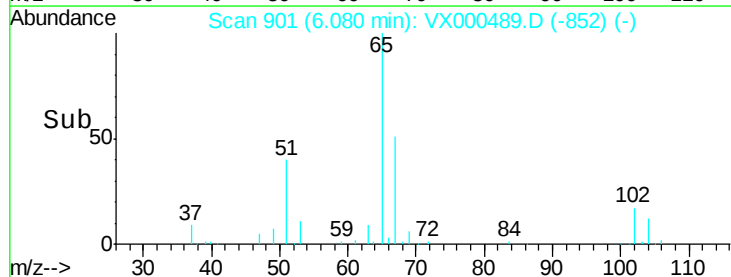
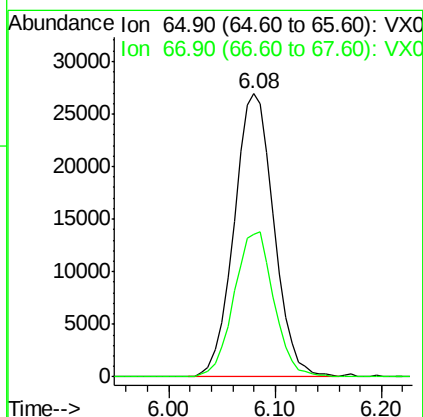
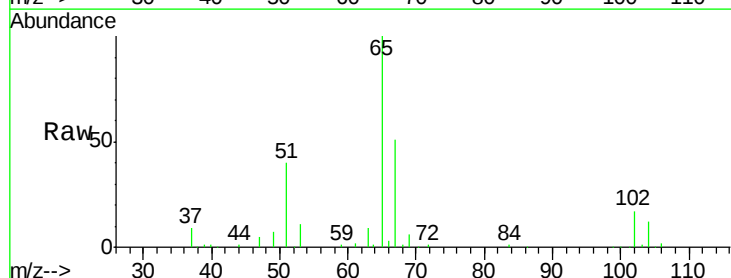
Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-E

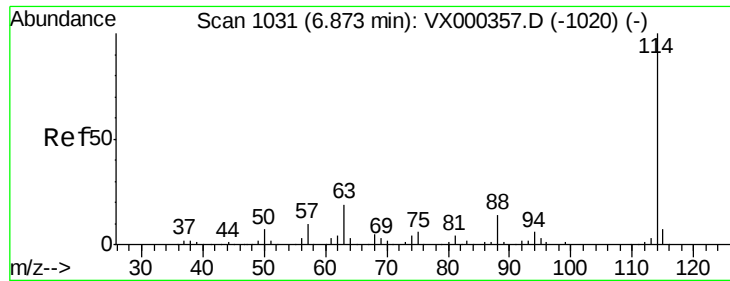
Tot Ion: 84 Resp: 28814
Ion Ratio Lower Upper
84 100
49 140.6 100.6 151.0
51 42.8 31.6 47.4
86 63.5 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 56.83 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000489.D
Acq: 28 Mar 2018 15:26

Tgt Ion: 65 Resp: 70479
Ion Ratio Lower Upper
65 100
67 51.5 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: VX000489.D

Acq: 28 Mar 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

CL-02-032718-E

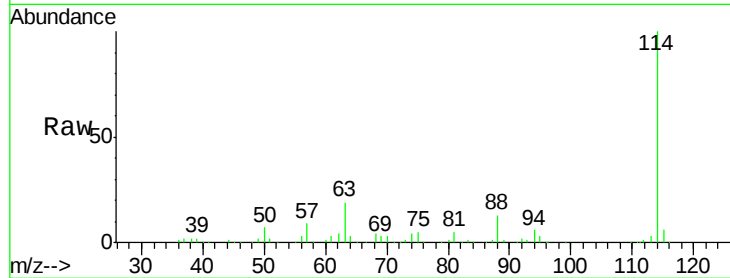
Tot Ion:114 Resp: 170260

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 13.5 0.0 27.0

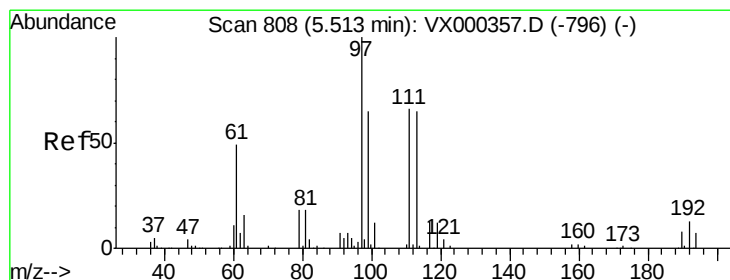
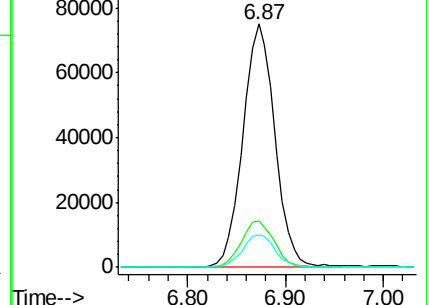
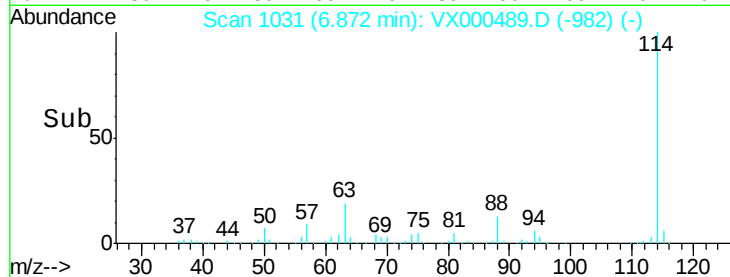


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

Time-->



#35

Dibromofluoromethane

Concen: 50.04 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000489.D

Acq: 28 Mar 2018 15:26

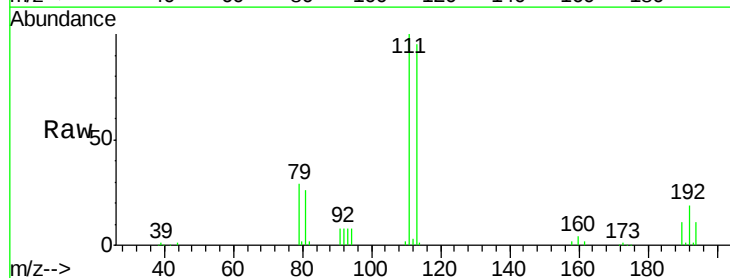
Tgt Ion:113 Resp: 53687

Ion Ratio Lower Upper

113 100

111 106.4 82.4 123.6

192 21.1 15.8 23.6

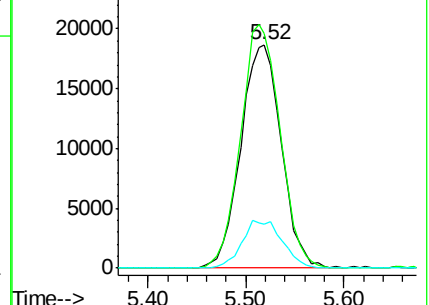
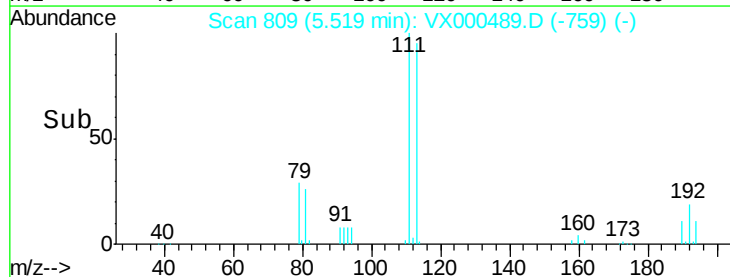


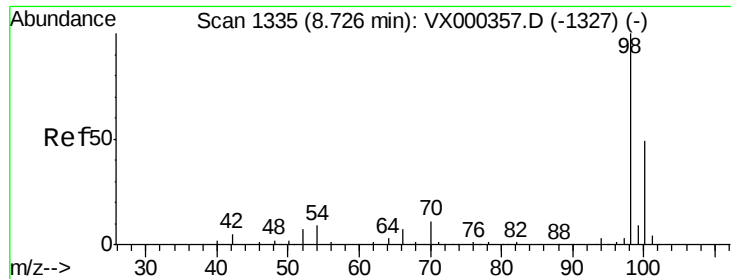
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->





#50

Toluene-d8

Concen: 47.64 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000489.D

Acq: 28 Mar 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

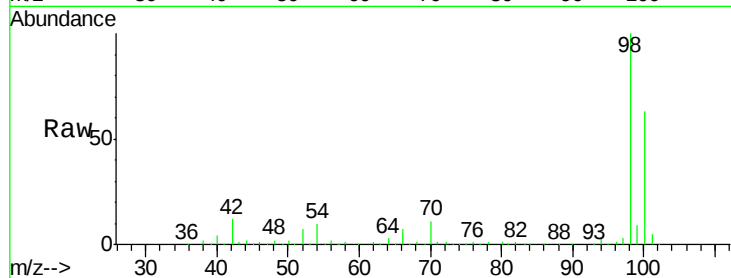
CL-02-032718-E

Tot Ion: 98 Resp: 211669

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

100000

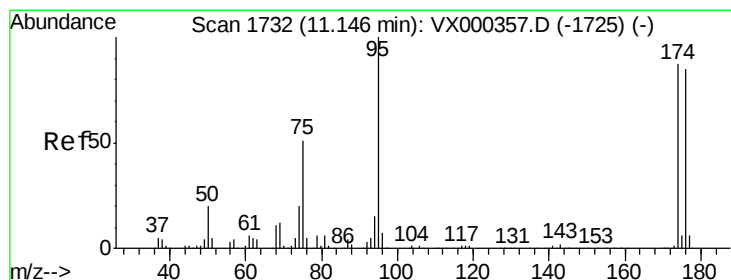
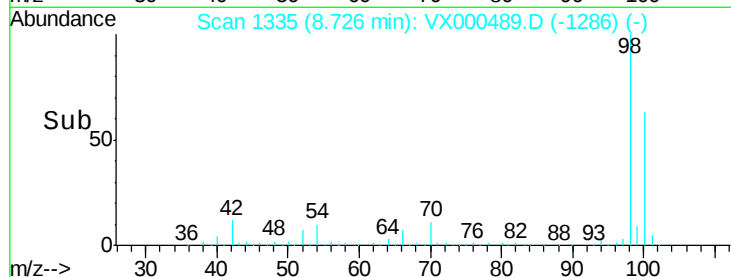
50000

0

8.73

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 39.57 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000489.D

Acq: 28 Mar 2018 15:26

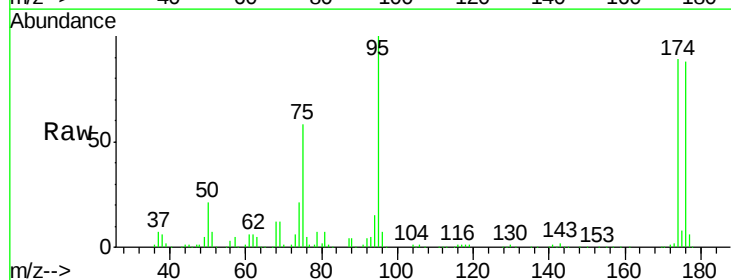
Tgt Ion: 95 Resp: 71525

Ion Ratio Lower Upper

95 100

174 91.2 0.0 173.6

176 88.6 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

80000

60000

40000

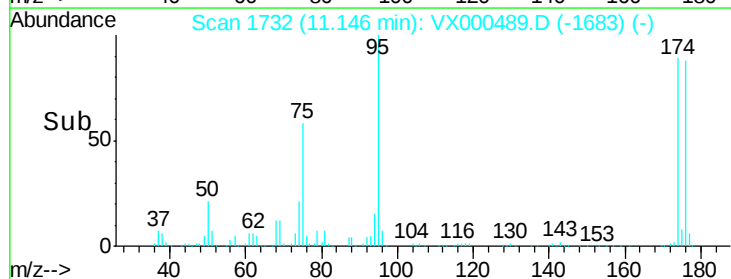
20000

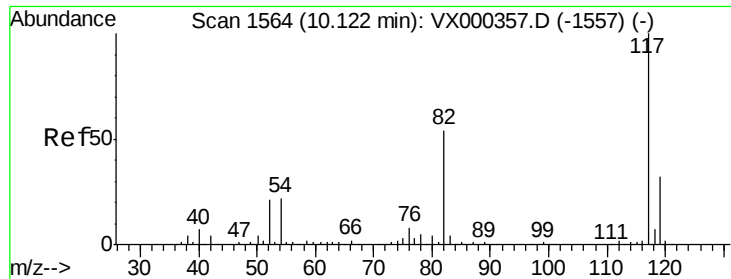
0

11.15

11.20

Time-->

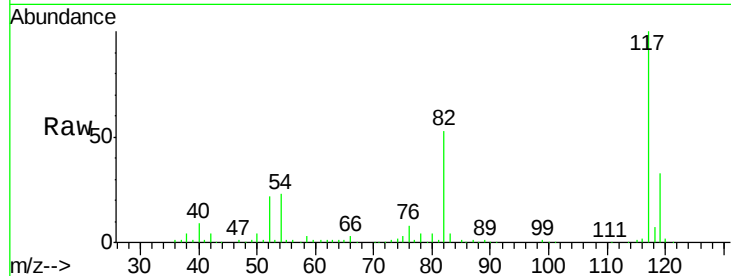




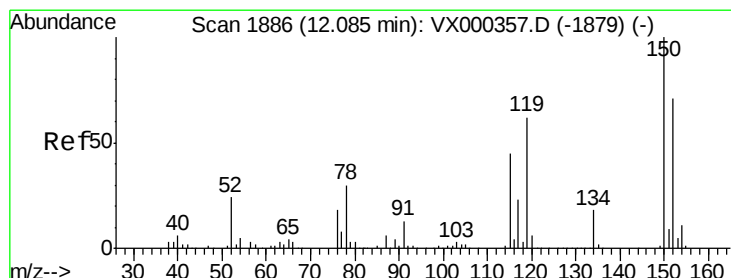
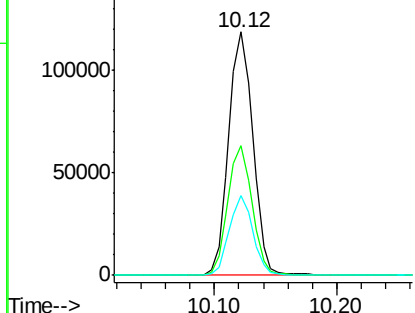
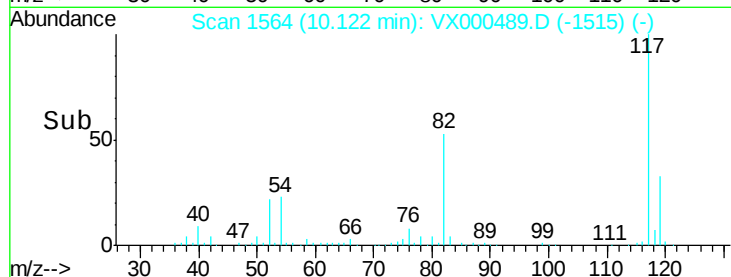
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000489.D
Acq: 28 Mar 2018 15:26

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-E

Tot Ion:117 Resp: 163163
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 32.9 24.9 37.3

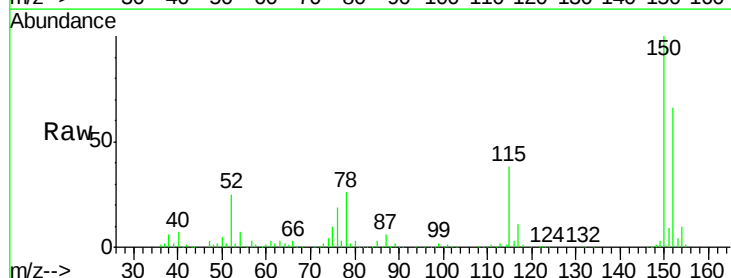


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

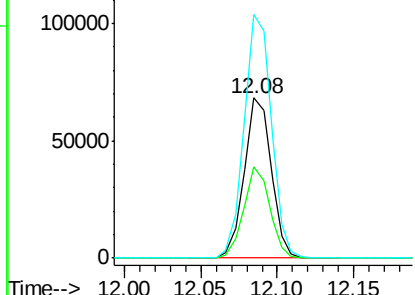
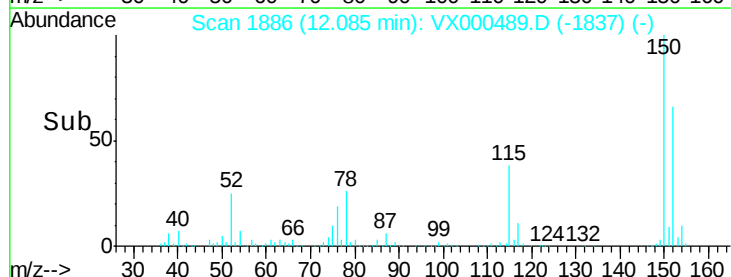


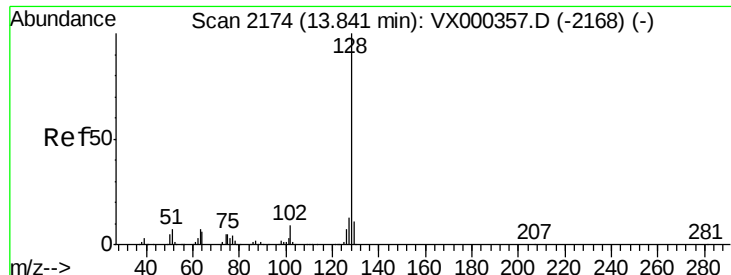
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000489.D
Acq: 28 Mar 2018 15:26

Tgt Ion:152 Resp: 83615
Ion Ratio Lower Upper
152 100
115 55.6 39.8 119.3
150 154.2 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: 1.21 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000489.D

Acq: 28 Mar 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

CL-02-032718-E

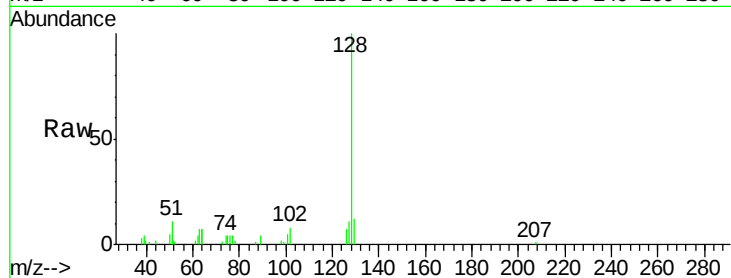
Tot Ion:128 Resp: 8299

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 12.5 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

