

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000487.D
 Acq On : 28 Mar 2018 14:35
 Operator : JC/MD
 Sample : J1754-16 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 29 04:33:32 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

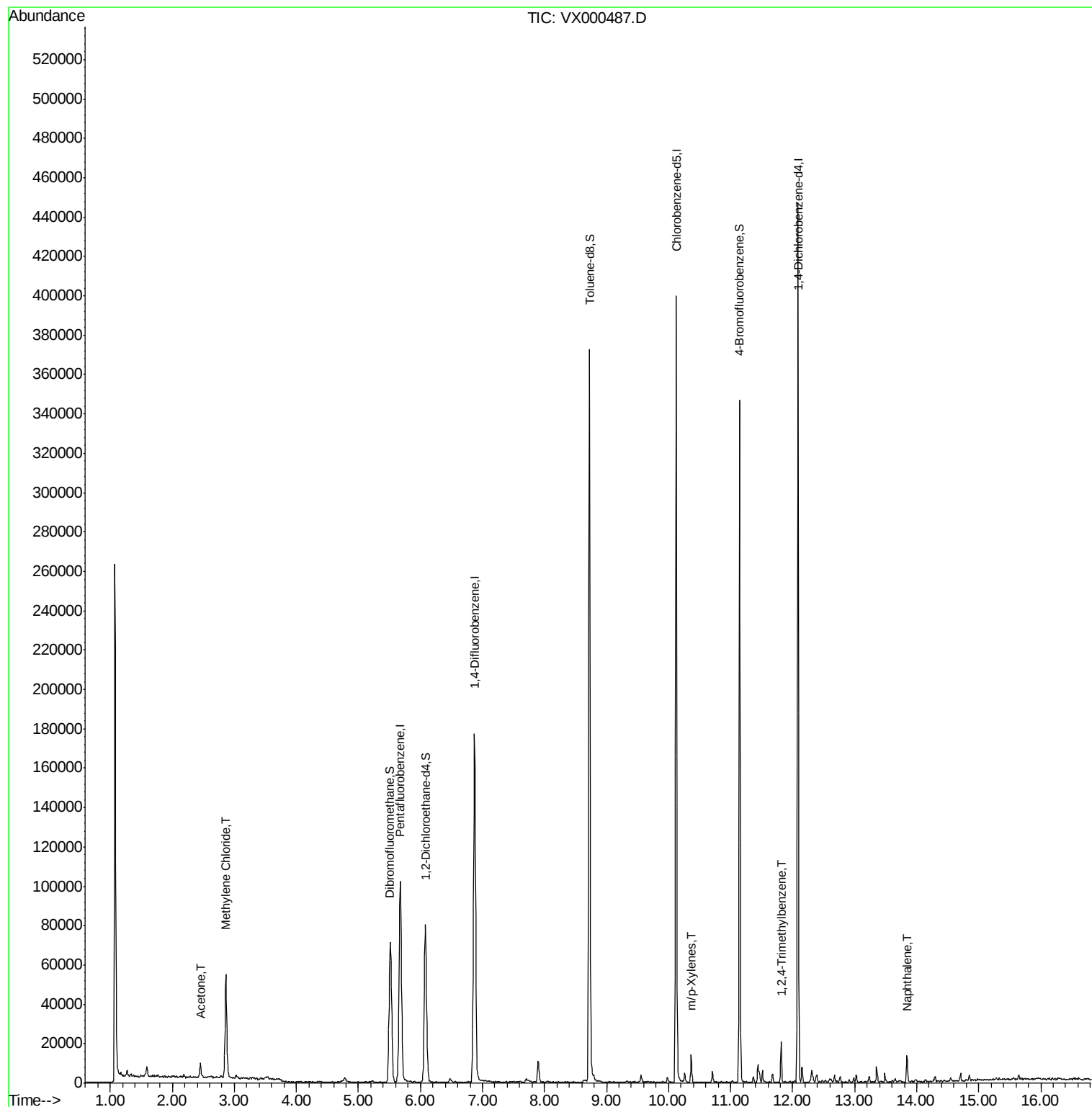
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	97121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	176125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	73826	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	5.51	113	56669	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	8.73	98	222012	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.15	95	72525	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
Target Compounds						
16) Acetone	2.45	43	7375	6.99	ug/l	96
20) Methylene Chloride	2.87	84	23584	19.36	ug/l	96
68) m/p-Xylenes	10.37	106	2971	1.17	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	8883	1.75	ug/l	99
95) Naphthalene	13.84	128	8210	1.16	ug/l #	96

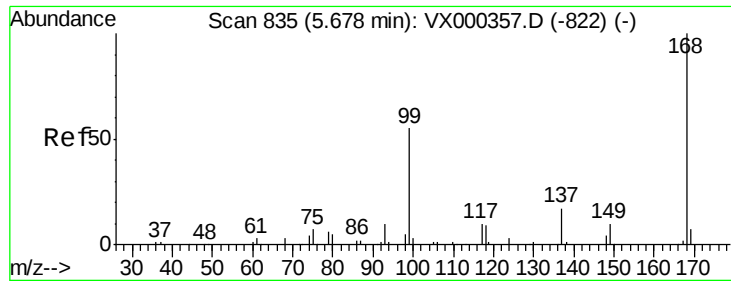
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000487.D

Acq: 28 Mar 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

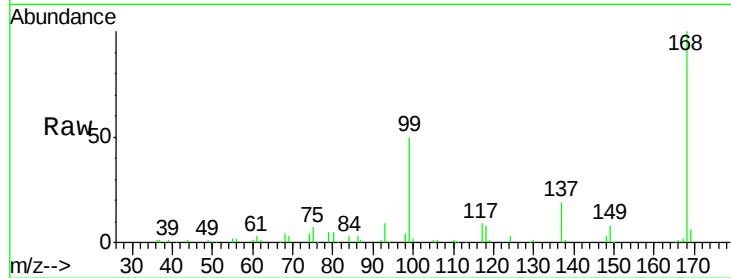
CL-02-032718-C

Tot Ion:168 Resp: 97121

Ion Ratio Lower Upper

168 100

99 50.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

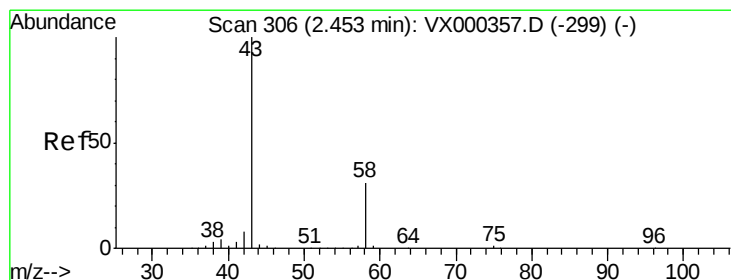
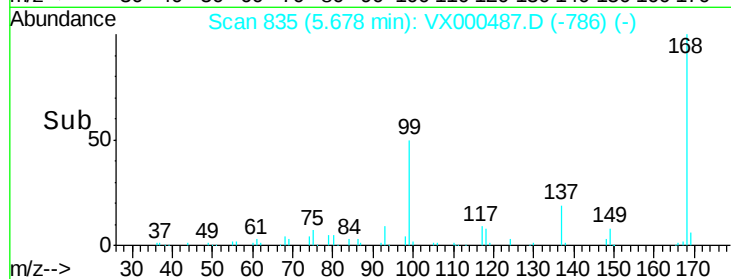
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 6.99 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000487.D

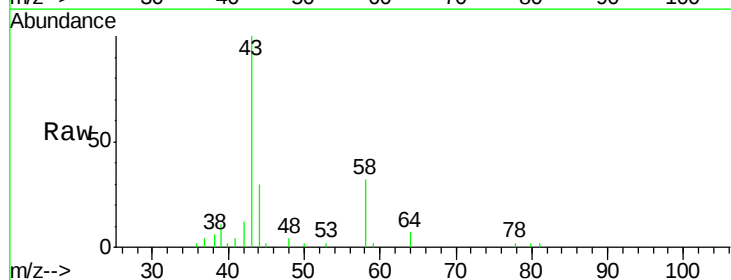
Acq: 28 Mar 2018 14:35

Tgt Ion: 43 Resp: 7375

Ion Ratio Lower Upper

43 100

58 32.9 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

5000

4000

3000

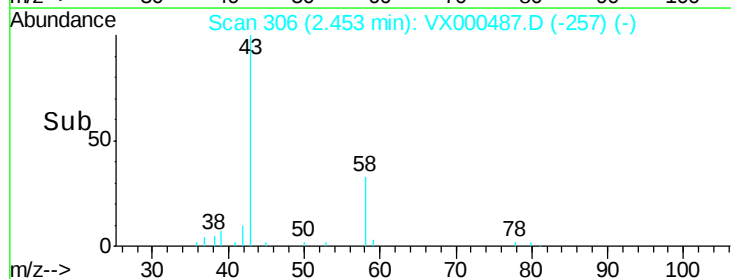
2000

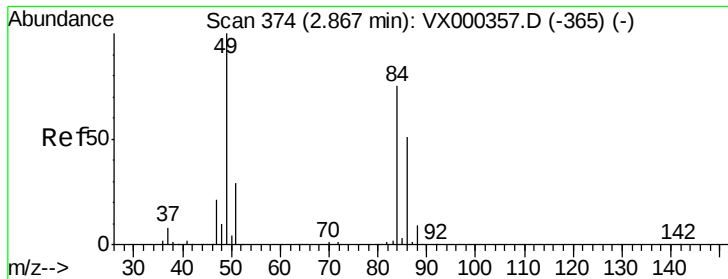
1000

0

2.40 2.45 2.50

Time-->

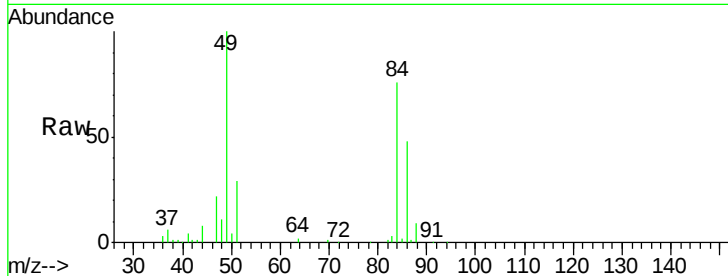




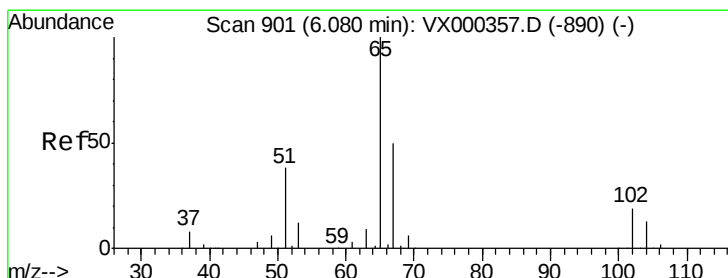
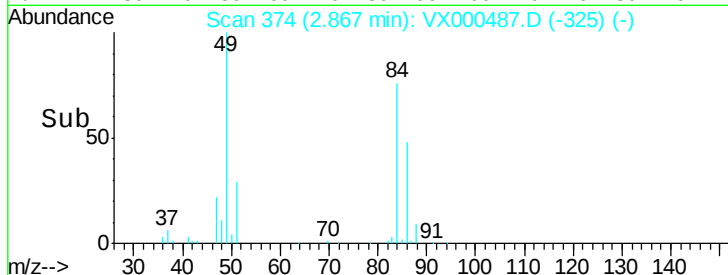
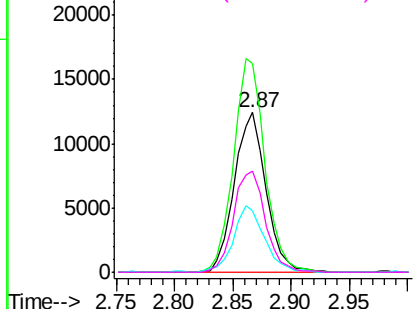
#20
Methvlene Chloride
Concen: 19.36 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

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

Tot Ion: 84 Resp: 23584
Ion Ratio Lower Upper
84 100
49 130.9 100.6 151.0
51 38.4 31.6 47.4
86 63.5 52.6 78.8

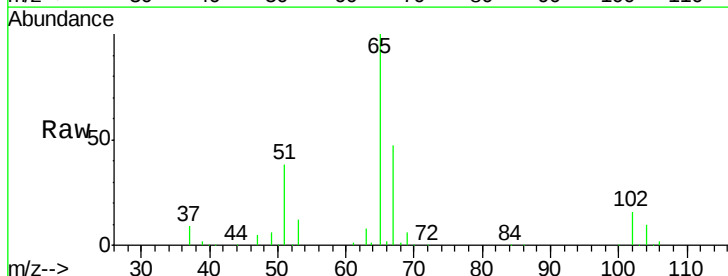


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

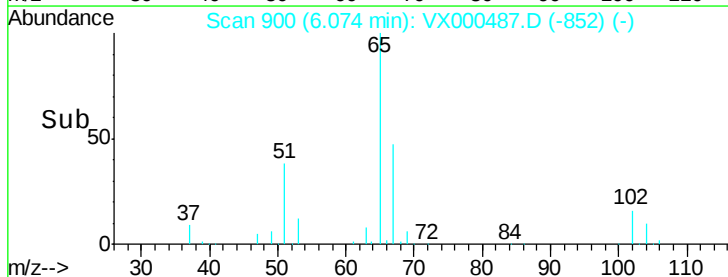
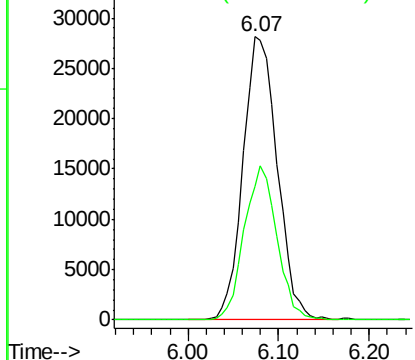


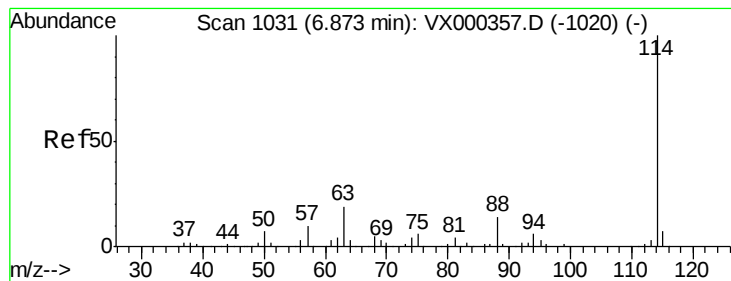
#33
1,2-Dichloroethane-d4
Concen: 58.23 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 65 Resp: 73826
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000487.D

Acq: 28 Mar 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

CL-02-032718-C

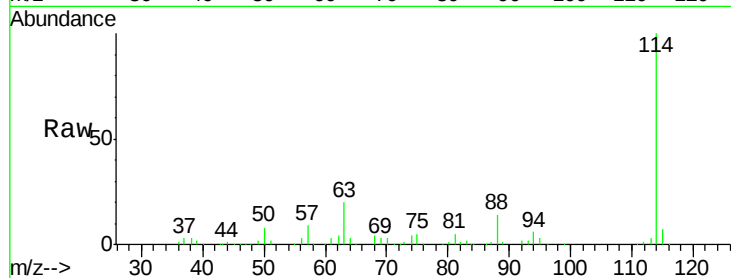
Tot Ion:114 Resp: 176125

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

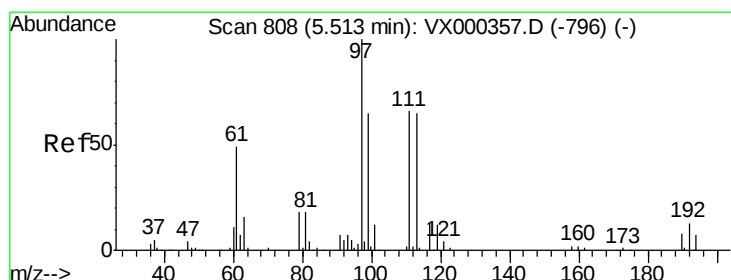
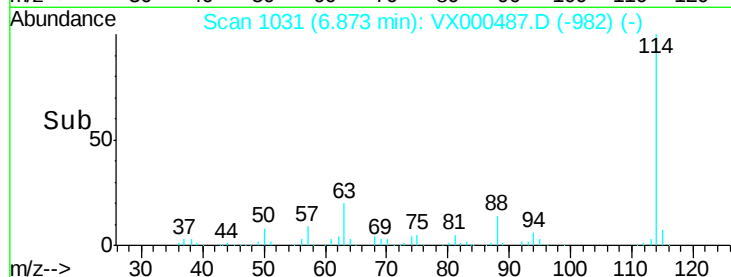
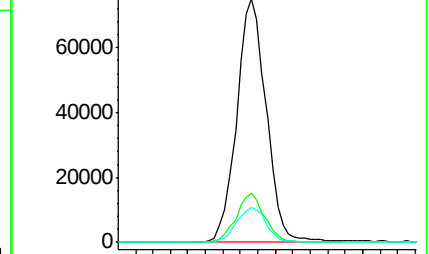
88 14.1 0.0 27.0



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: 51.07 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000487.D

Acq: 28 Mar 2018 14:35

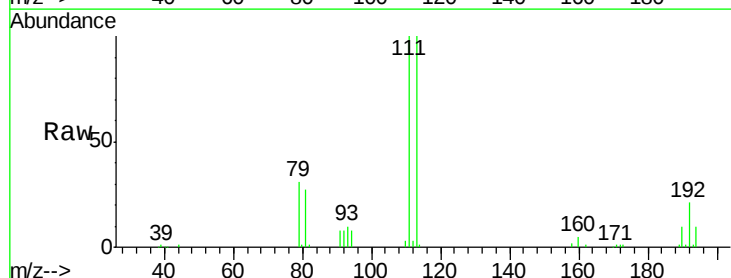
Tgt Ion:113 Resp: 56669

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

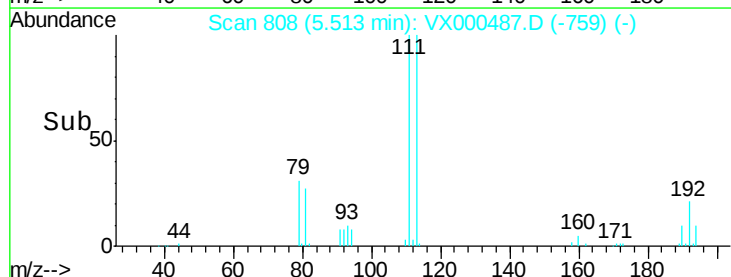
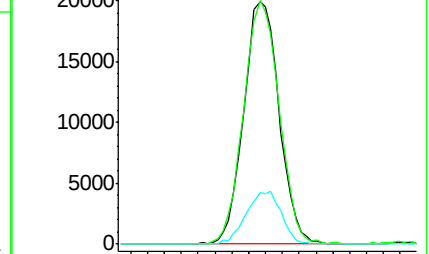
192 21.5 15.8 23.6

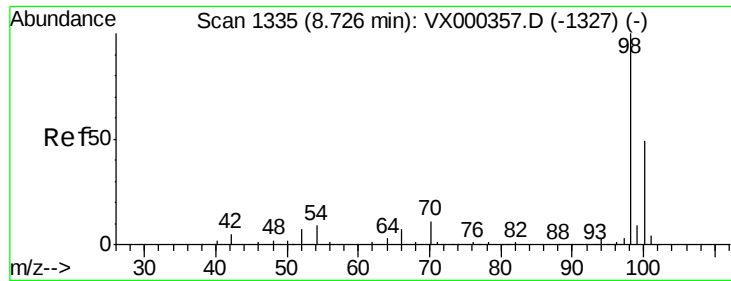


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.30 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000487.D

Acq: 28 Mar 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

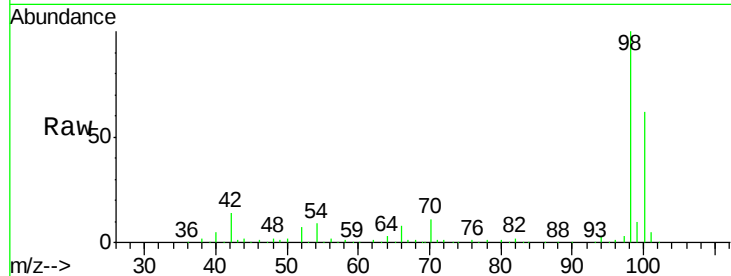
CL-02-032718-C

Tot Ion: 98 Resp: 222012

Ion Ratio Lower Upper

98 100

100 62.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

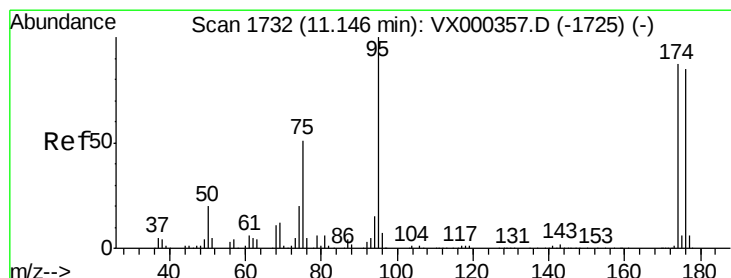
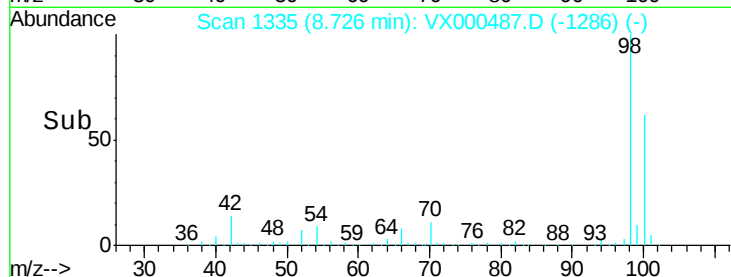
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 38.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000487.D

Acq: 28 Mar 2018 14:35

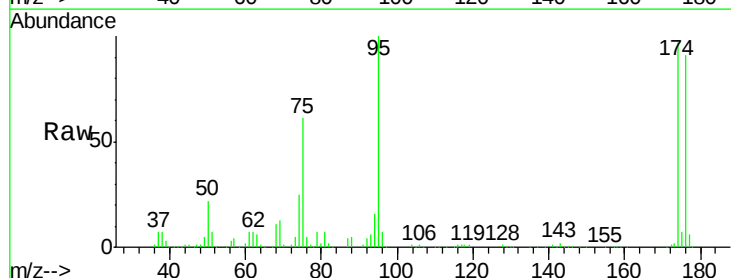
Tgt Ion: 95 Resp: 72525

Ion Ratio Lower Upper

95 100

174 94.1 0.0 173.6

176 89.8 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

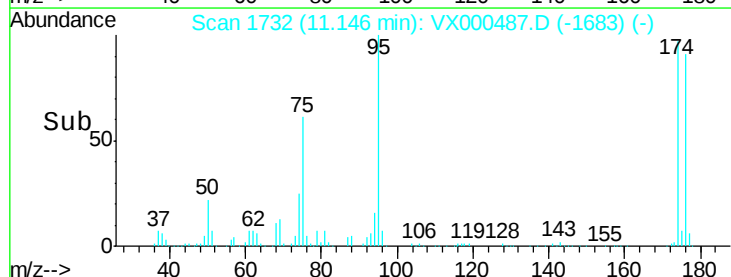
60000

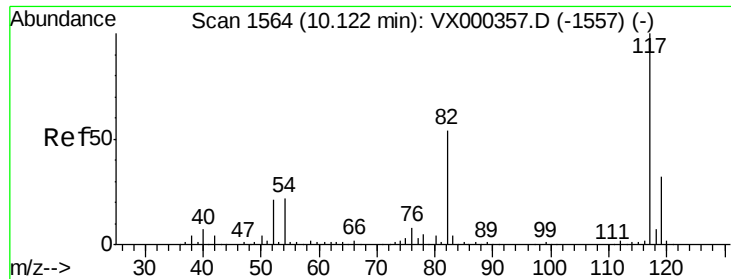
40000

20000

0

Time--> 11.10 11.15 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000487.D

Acq: 28 Mar 2018 14:35

Instrument :

MSVOA_X

ClientSampleId :

CL-02-032718-C

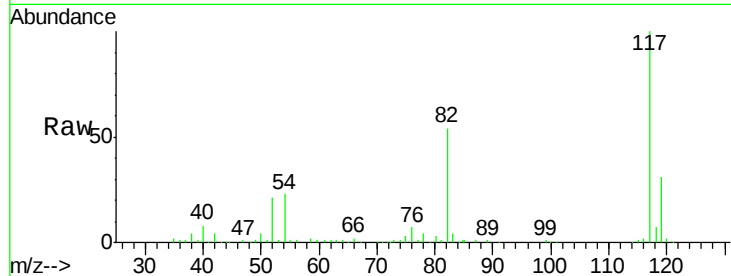
Tot Ion:117 Resp: 170536

Ion Ratio Lower Upper

117 100

82 53.7 43.8 65.8

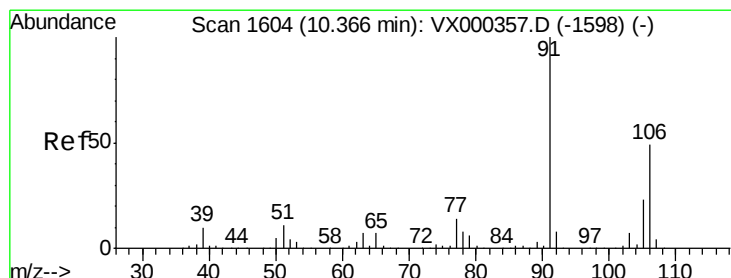
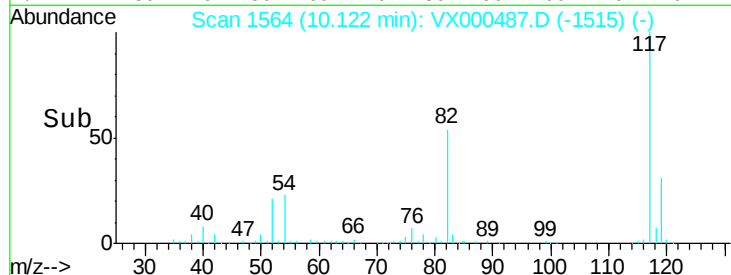
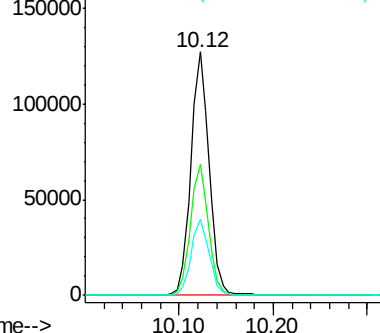
119 31.2 24.9 37.3



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



#68

m/p-Xylenes

Concen: 1.17 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000487.D

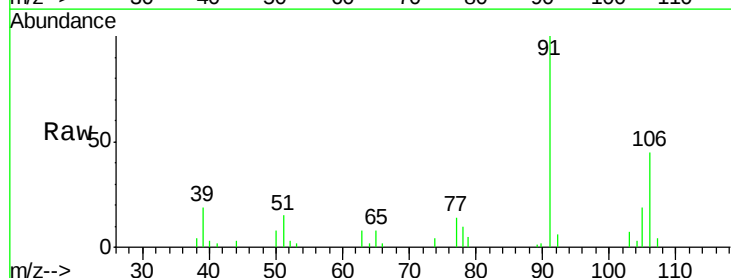
Acq: 28 Mar 2018 14:35

Tgt Ion:106 Resp: 2971

Ion Ratio Lower Upper

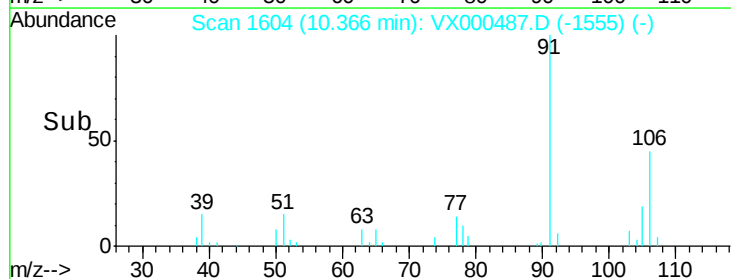
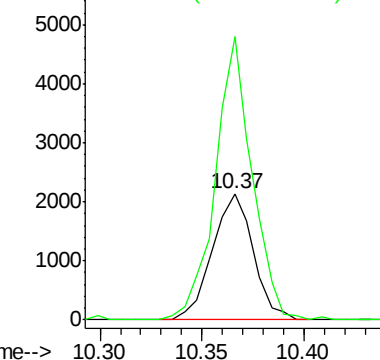
106 100

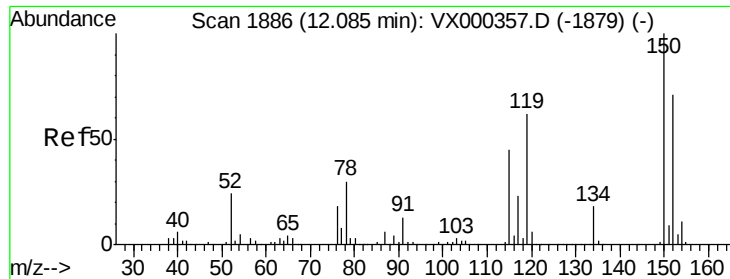
91 202.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000487.D

Acq: 28 Mar 2018 14:35

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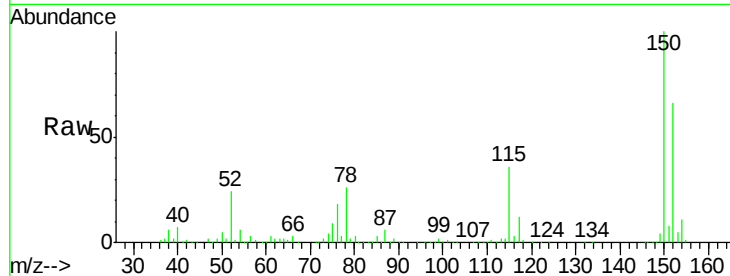
Tot Ion:152 Resp: 86917

Ion Ratio Lower Upper

152 100

115 55.7 39.8 119.3

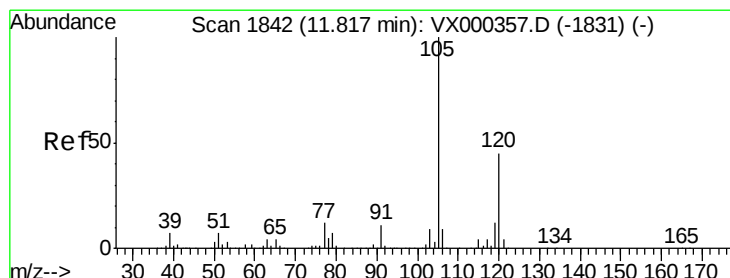
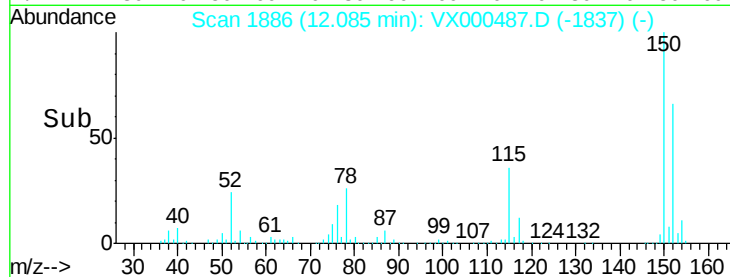
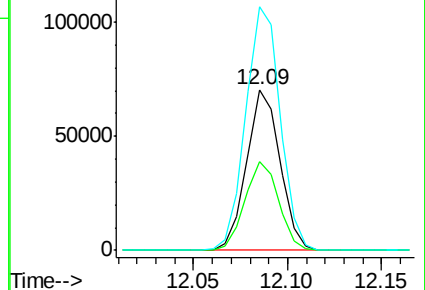
150 156.1 0.0 344.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.75 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000487.D

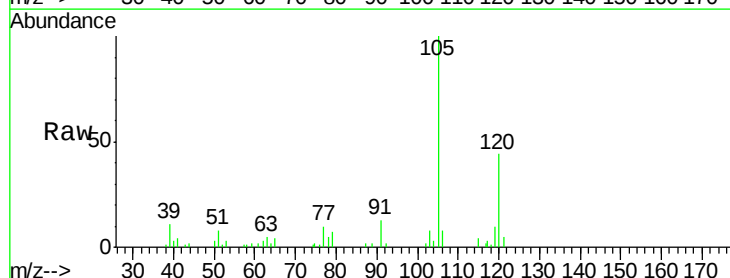
Acq: 28 Mar 2018 14:35

Tgt Ion:105 Resp: 8883

Ion Ratio Lower Upper

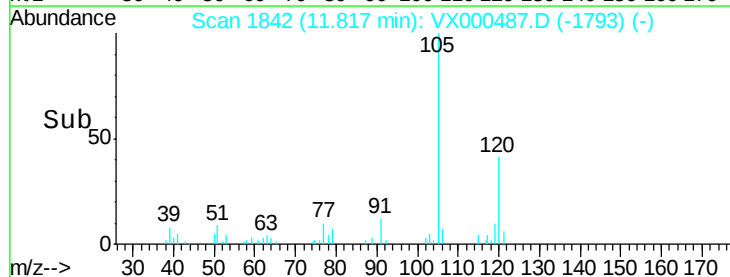
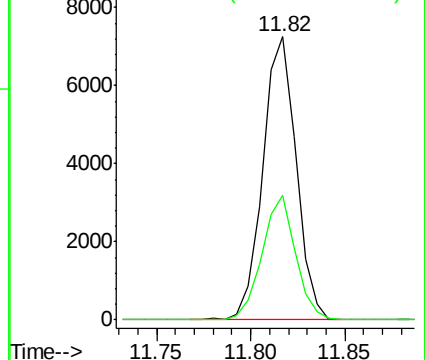
105 100

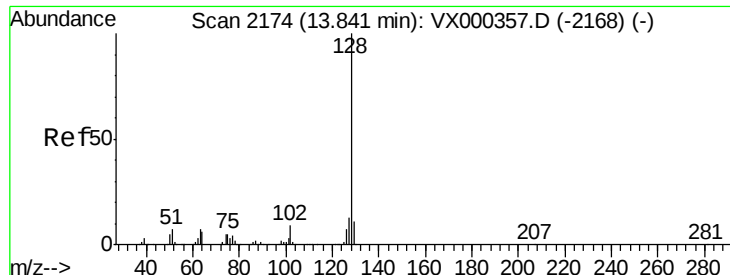
120 44.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000487.D

Acq: 28 Mar 2018 14:35

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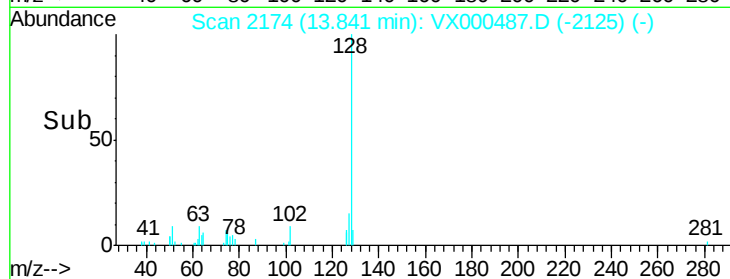
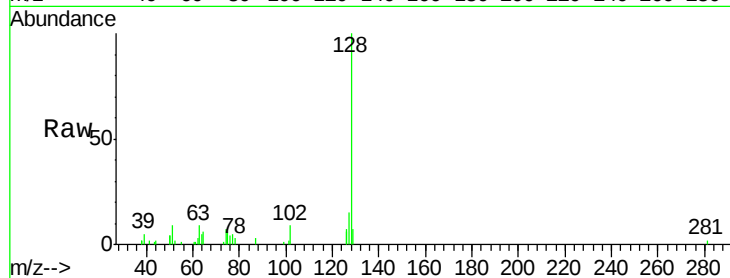
Tot Ion:128 Resp: 8210

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 8.3 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

