

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002874.D
 Acq On : 25 Jun 2018 22:08
 Operator : JC/MD
 Sample : J3570-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20180375-COMPOSITE-CS-1A-ELU

Quant Time: Jun 27 06:06:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

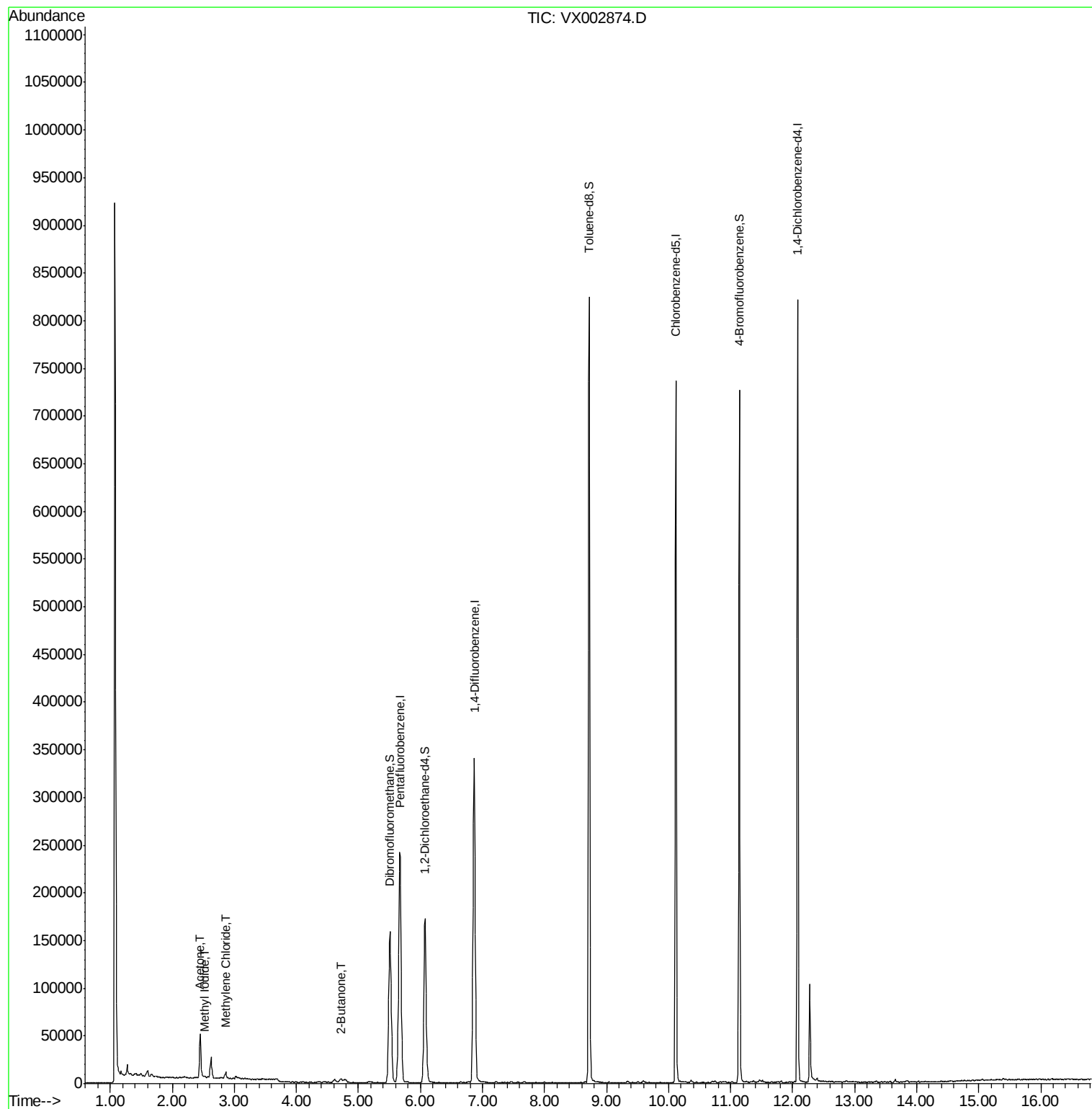
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165833	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	5.51	113	128081	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.72	98	477397	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.14	95	165077	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
Target Compounds						
10) Methyl Iodide	2.52	142	2563	7.05	ug/l	99
16) Acetone	2.45	43	50087	36.00	ug/l	98
20) Methylene Chloride	2.86	84	2864	1.06	ug/l	95
25) 2-Butanone	4.72	43	6473	3.13	ug/l	95

(#) = 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

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Instrument :

MSVOA_X

ClientSampleId :

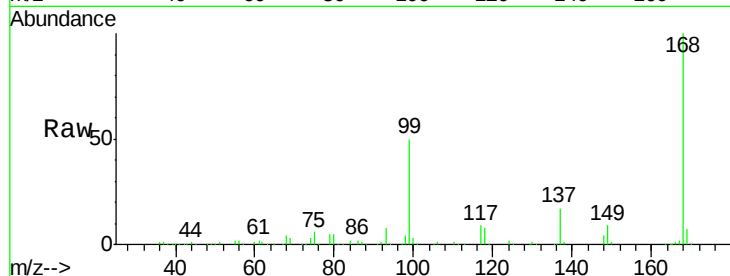
20180375-COMPOSITE-CS-1A-ELU

Tot Ion:168 Resp: 243078

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

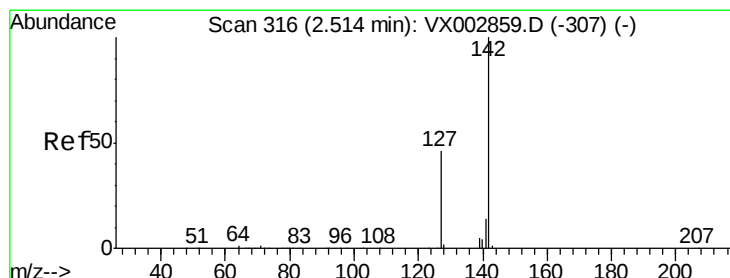
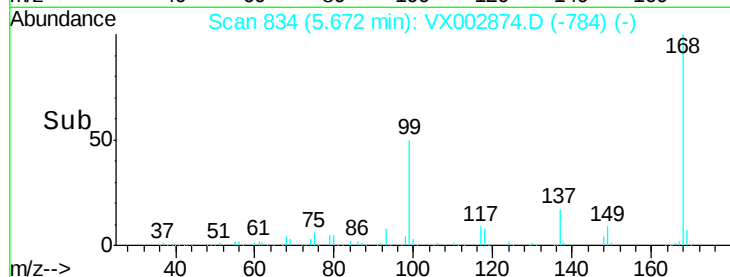
0

Time-->

5.60

5.70

5.80



#10

Methyl Iodide

Concen: 7.05 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

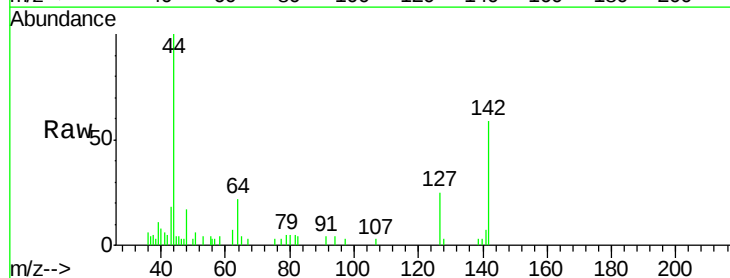
Tgt Ion:142 Resp: 2563

Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

141 14.8 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

1500

1000

500

0

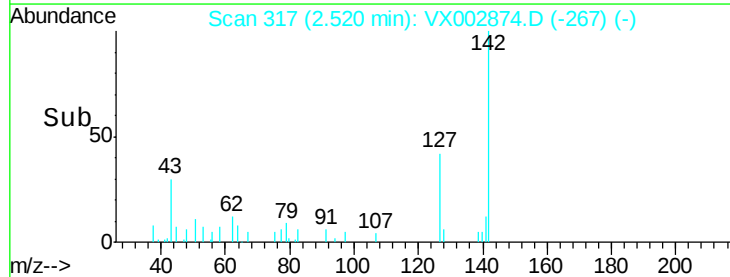
Time-->

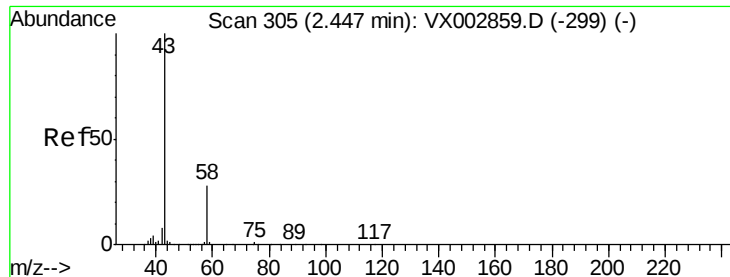
2.45

2.50

2.55

2.60





#16

Acetone

Concen: 36.00 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

Instrument :

MSVOA_X

ClientSampleId :

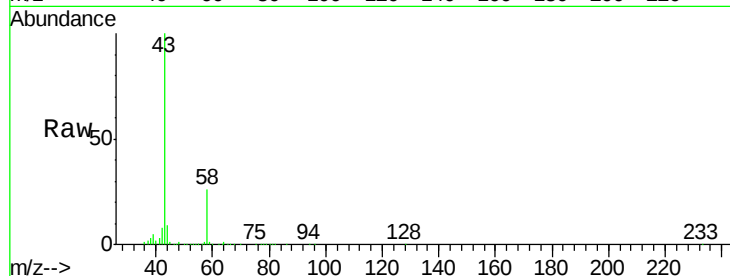
20180375-COMPOSITE-CS-1A-ELU

Tot Ion: 43 Resp: 50087

Ion Ratio Lower Upper

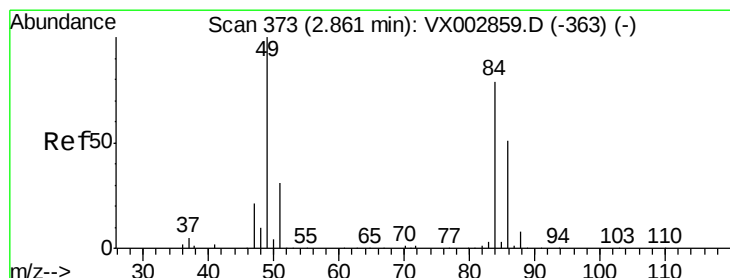
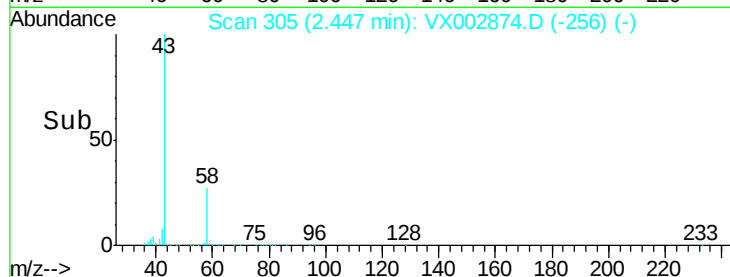
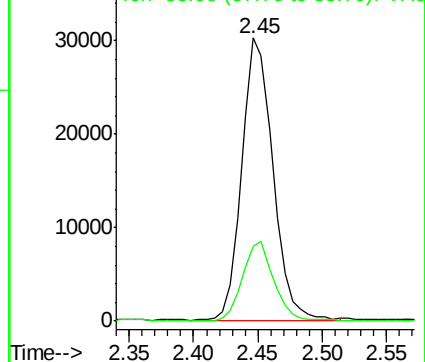
43 100

58 26.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 1.06 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

Tgt Ion: 84 Resp: 2864

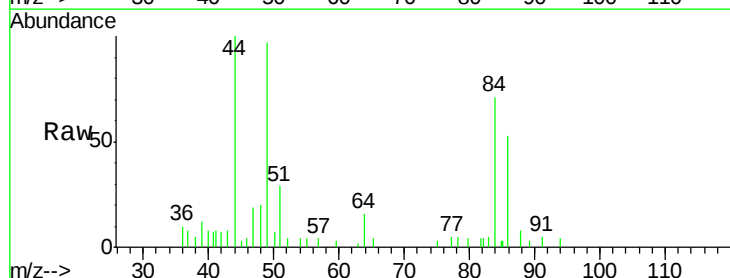
Ion Ratio Lower Upper

84 100

49 135.9 107.8 161.6

51 36.5 32.8 49.2

86 74.1 52.5 78.7

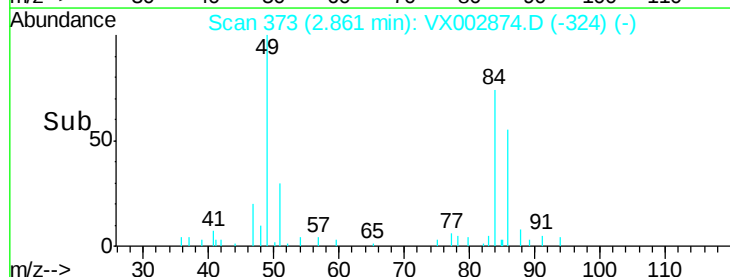
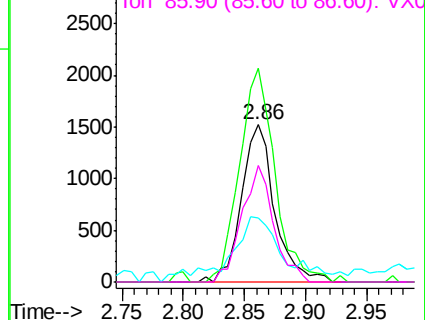


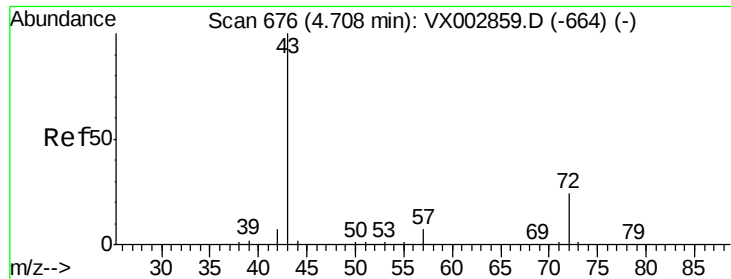
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 3.13 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

Instrument :

MSVOA_X

ClientSampleId :

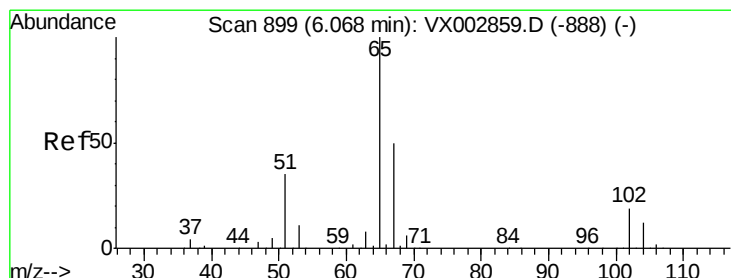
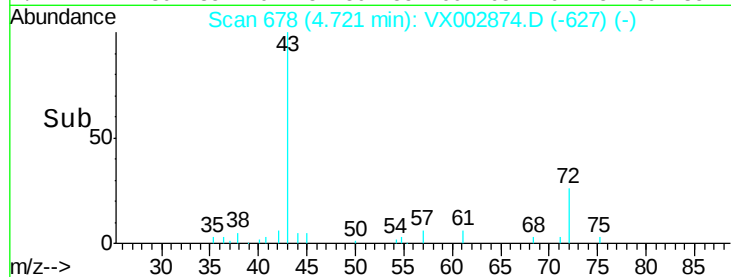
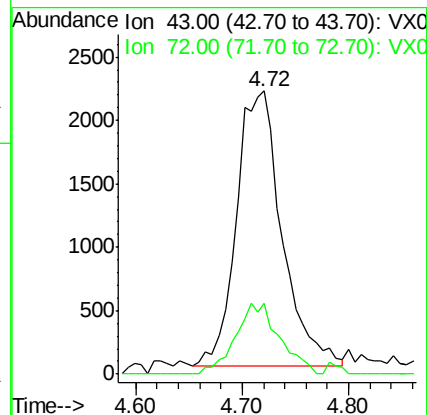
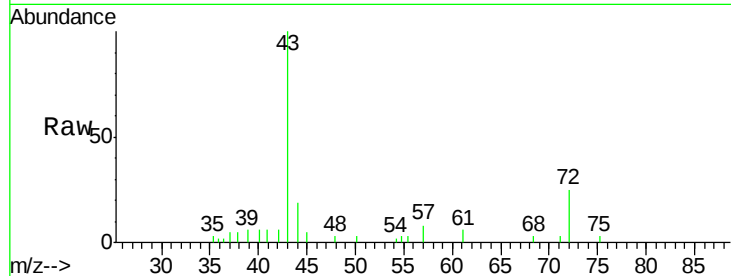
20180375-COMPOSITE-CS-1A-ELU

Tot Ion: 43 Resp: 6473

Ion Ratio Lower Upper

43 100

72 25.7 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 49.36 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002874.D

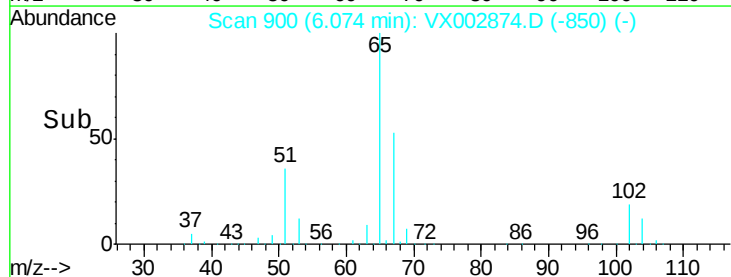
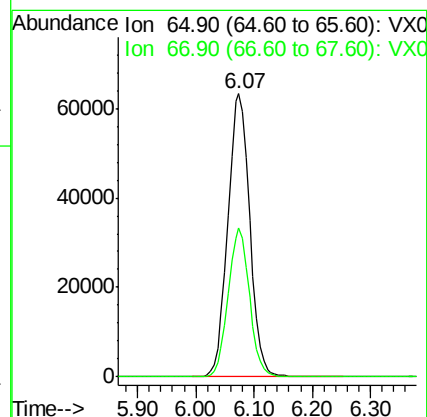
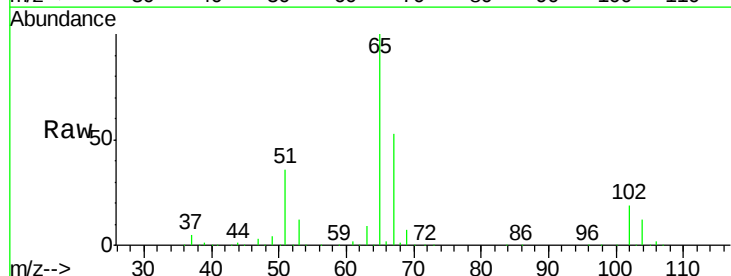
Acq: 25 Jun 2018 22:08

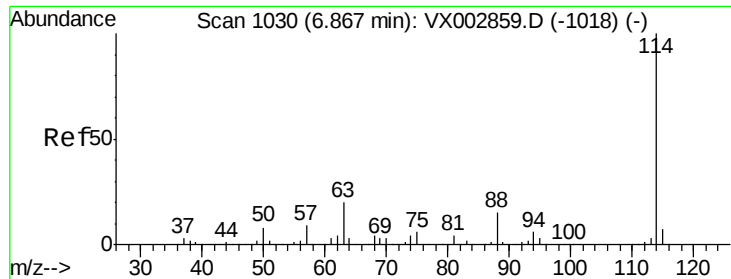
Tgt Ion: 65 Resp: 165833

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

Instrument :

MSVOA_X

ClientSampleId :

20180375-COMPOSITE-CS-1A-ELU

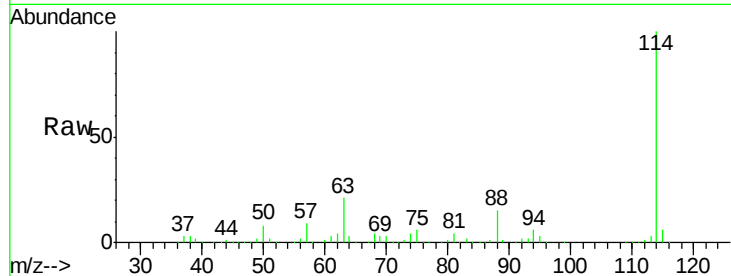
Tot Ion:114 Resp: 341734

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

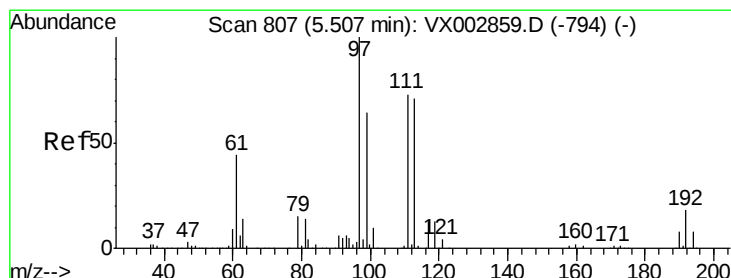
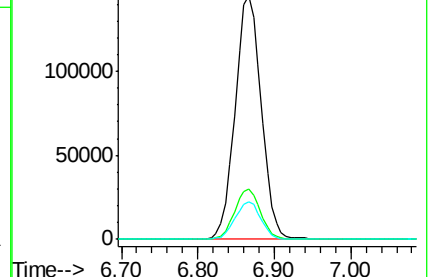
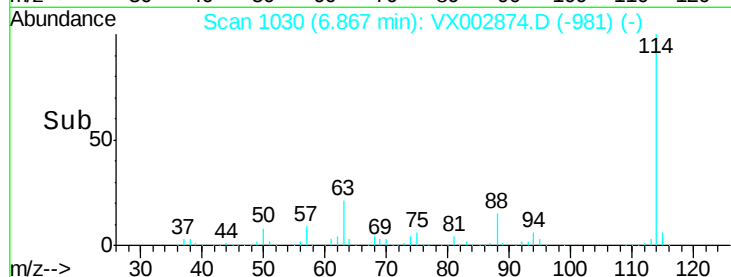
88 15.2 0.0 30.0



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: 47.33 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

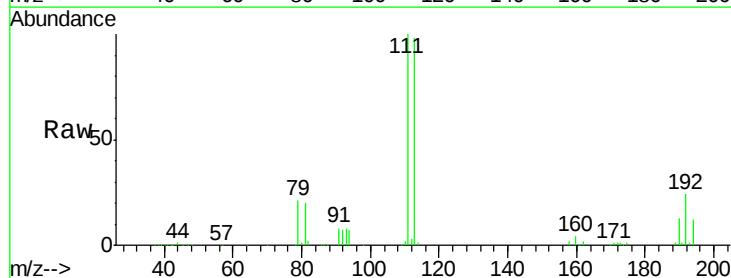
Tgt Ion:113 Resp: 128081

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

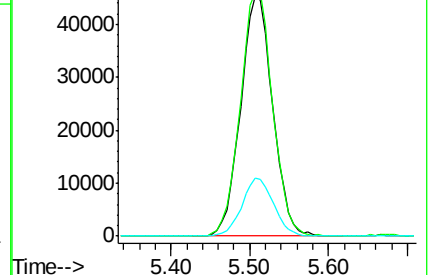
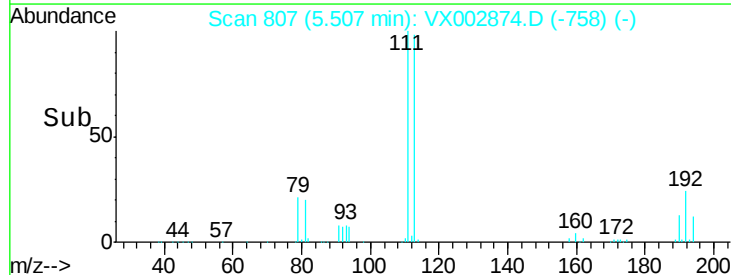
192 23.8 19.1 28.7

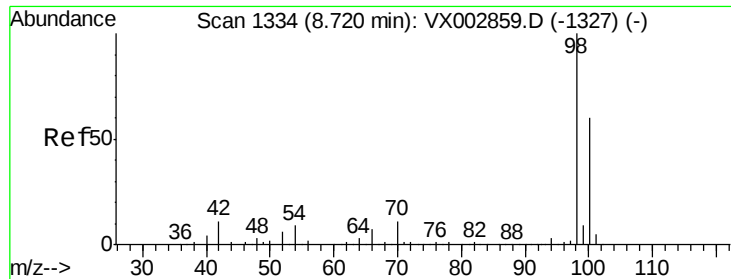


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.31 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

Instrument :

MSVOA_X

ClientSampleId :

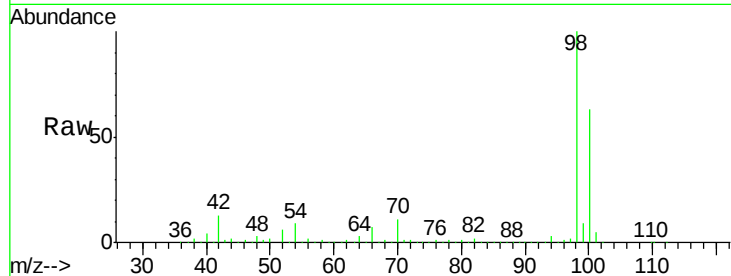
20180375-COMPOSITE-CS-1A-ELU

Tot Ion: 98 Resp: 477397

Ion Ratio Lower Upper

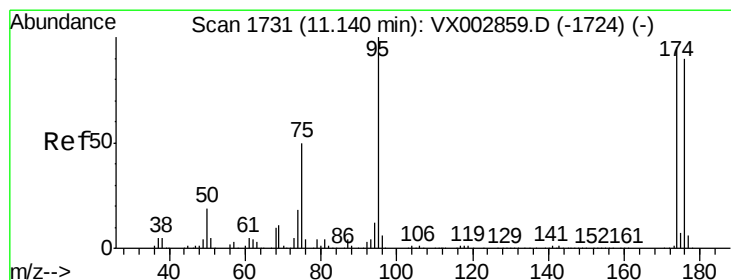
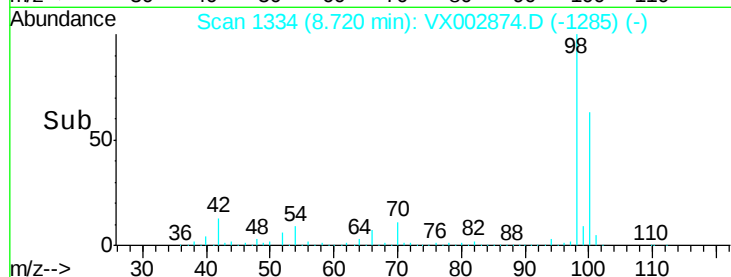
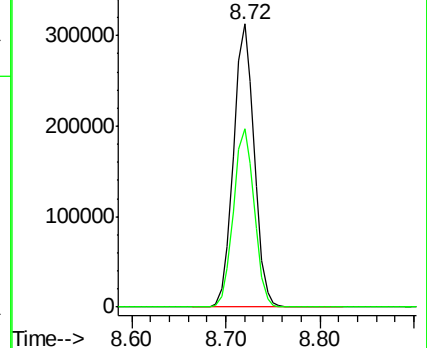
98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002874.D

Acq: 25 Jun 2018 22:08

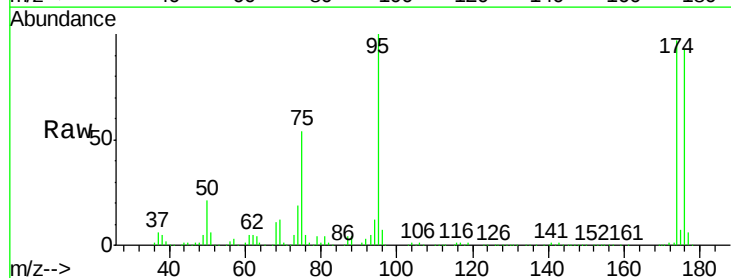
Tgt Ion: 95 Resp: 165077

Ion Ratio Lower Upper

95 100

174 97.9 0.0 187.4

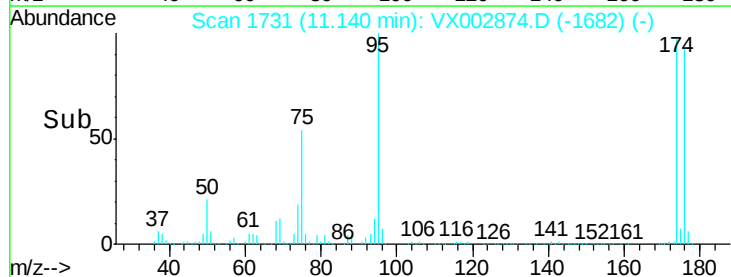
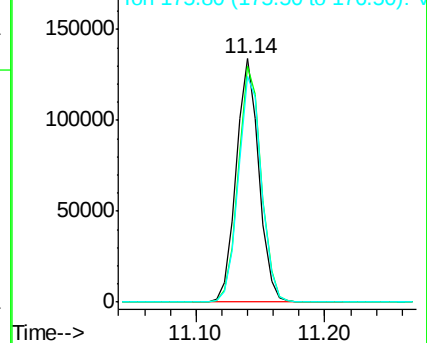
176 94.9 0.0 181.0

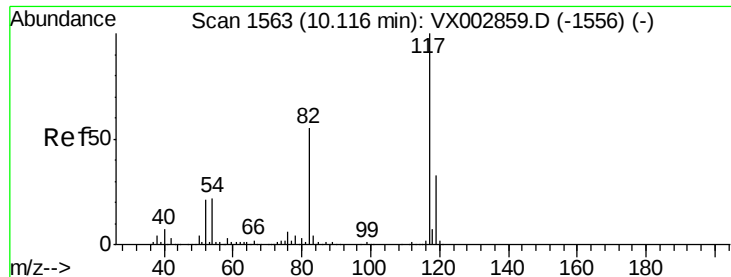


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

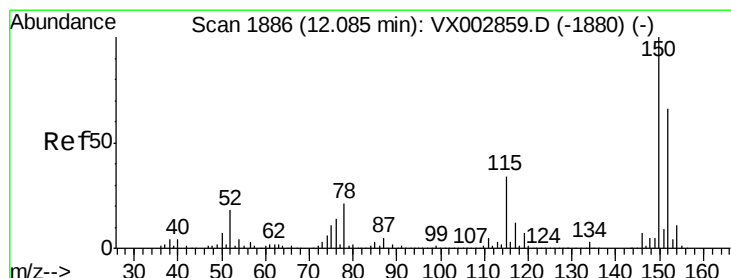
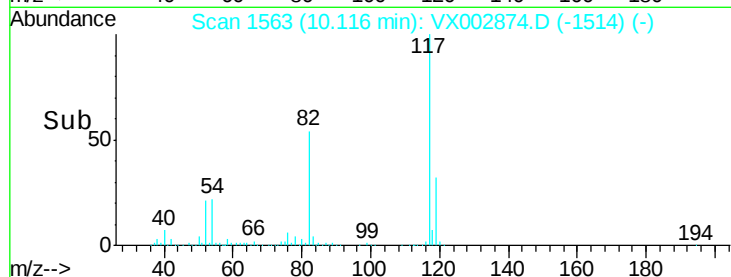
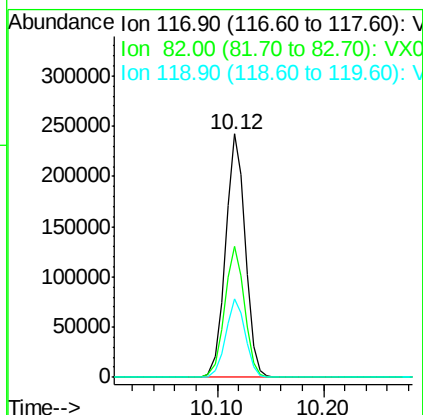
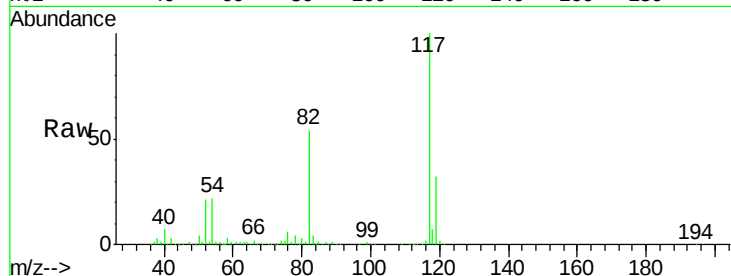




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002874.D
Acq: 25 Jun 2018 22:08

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Tot Ion:117 Resp: 314727
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002874.D
Acq: 25 Jun 2018 22:08

Tgt Ion:152 Resp: 170633
Ion Ratio Lower Upper
152 100
115 54.6 40.1 120.2
150 157.5 0.0 347.2

