

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002900.D
 Acq On : 26 Jun 2018 16:35
 Operator : JC/MD
 Sample : J3570-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20180376-COMPOSITE-CS-1B-ELU

Quant Time: Jun 27 03:50:14 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

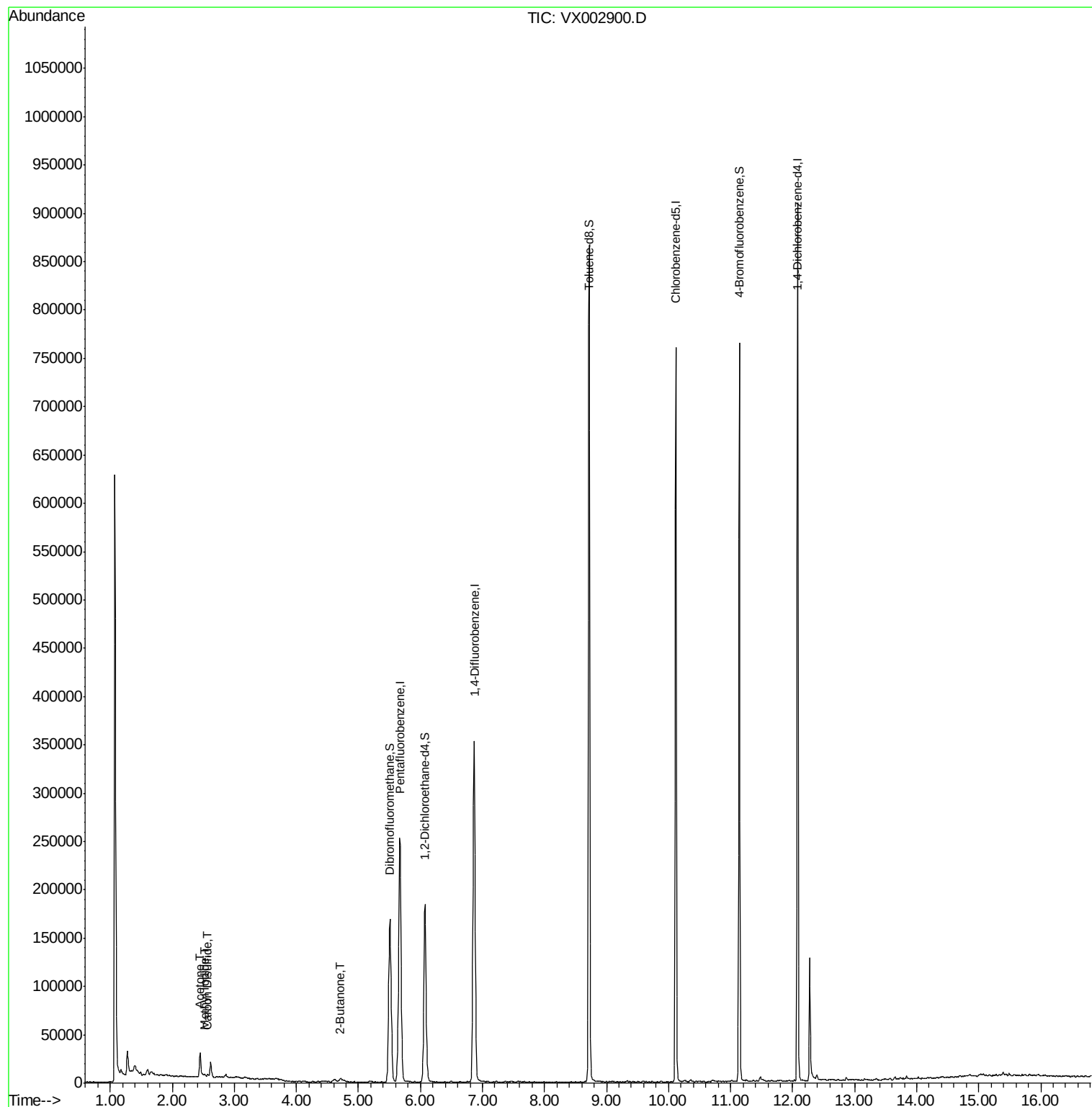
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175327	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	137835	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	8.72	98	499981	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.14	95	176361	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
10) Methyl Iodide	2.52	142	2888	7.11	ug/l #	93
16) Acetone	2.45	43	26831	18.38	ug/l	100
17) Carbon Disulfide	2.57	76	3078	0.46	ug/l #	90
25) 2-Butanone	4.71	43	6560	3.03	ug/l	96

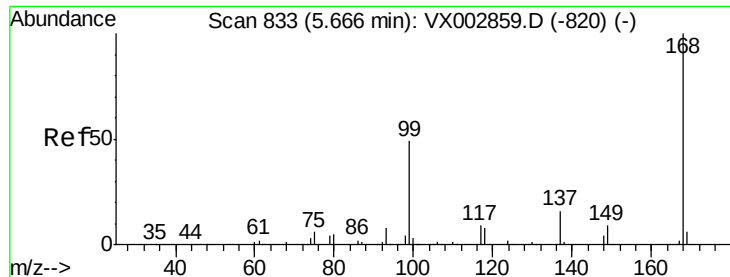
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002900.D

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MSVOA_X

ClientSampleId :

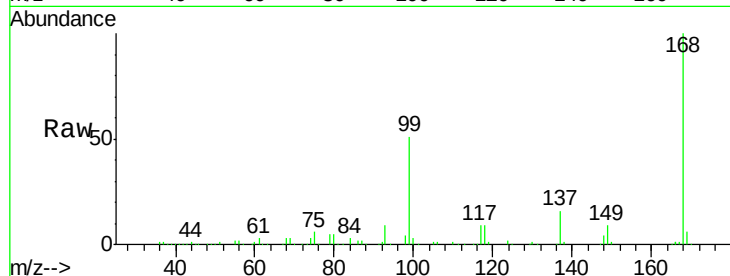
20180376-COMPOSITE-CS-1B-ELU

Tot Ion:168 Resp: 255008

Ion Ratio Lower Upper

168 100

99 50.5 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

100000

80000

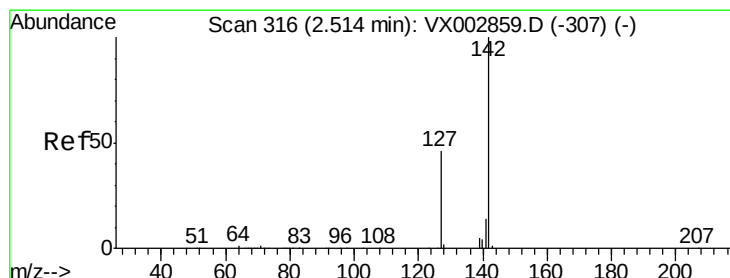
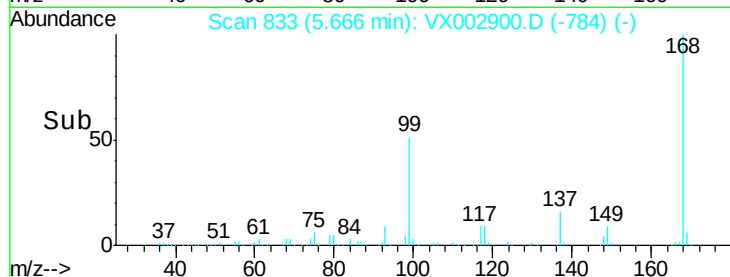
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 7.11 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002900.D

Acq: 26 Jun 2018 16:35

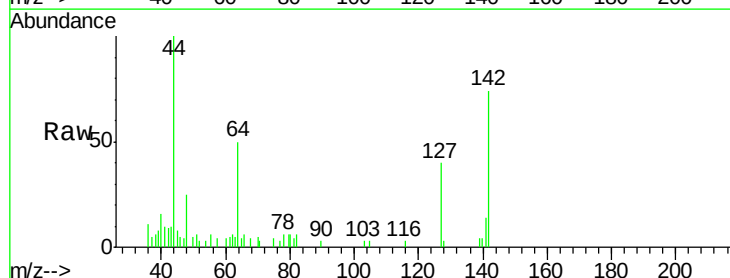
Tgt Ion:142 Resp: 2888

Ion Ratio Lower Upper

142 100

127 50.7 36.6 55.0

141 17.1 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

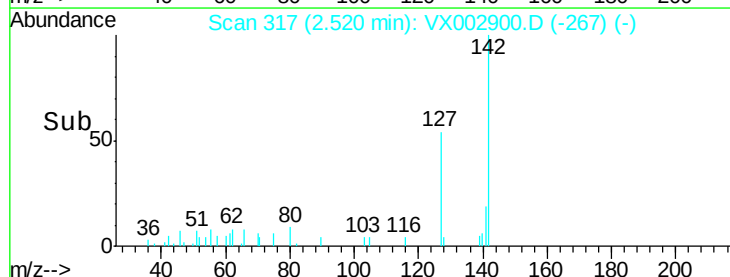
1500

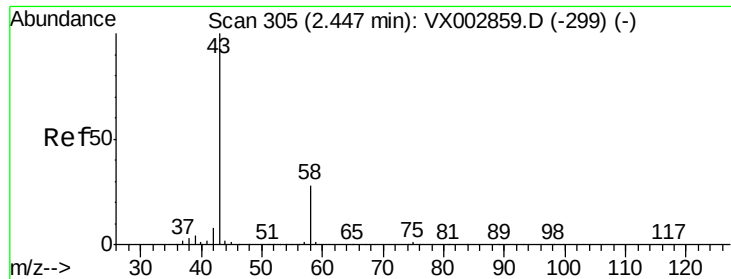
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 18.38 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002900.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

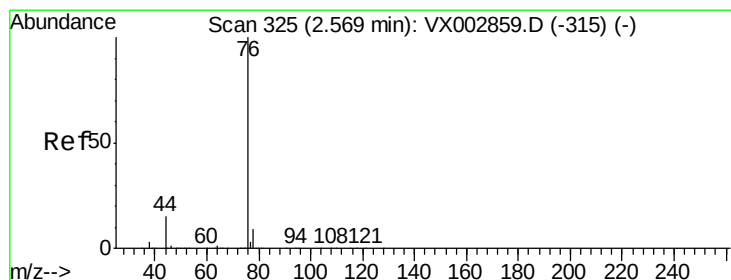
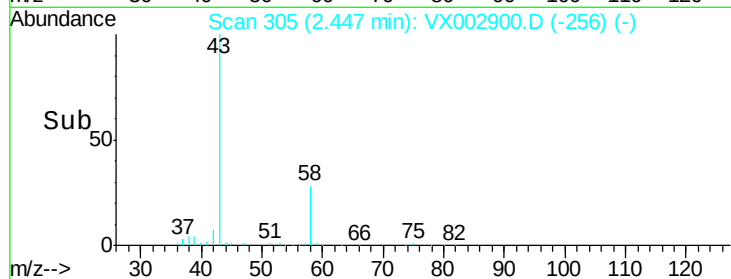
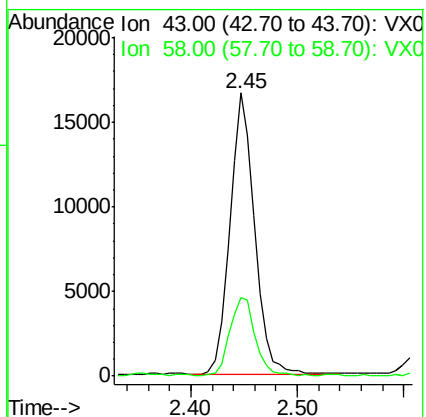
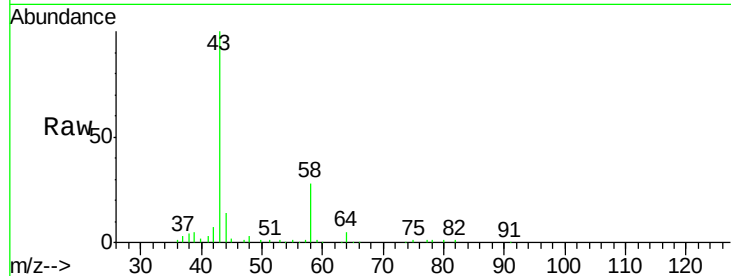
20180376-COMPOSITE-CS-1B-ELU

Tot Ion: 43 Resp: 26831

Ion Ratio Lower Upper

43 100

58 27.4 22.1 33.1



#17

Carbon Disulfide

Concen: 0.46 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002900.D

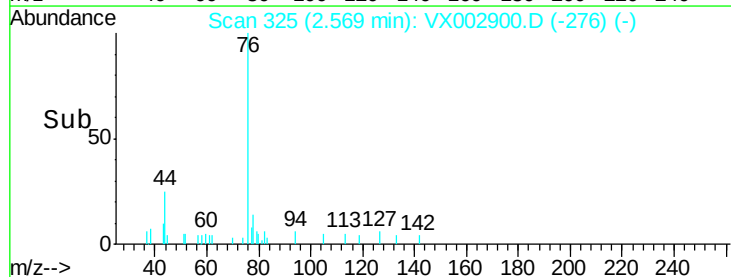
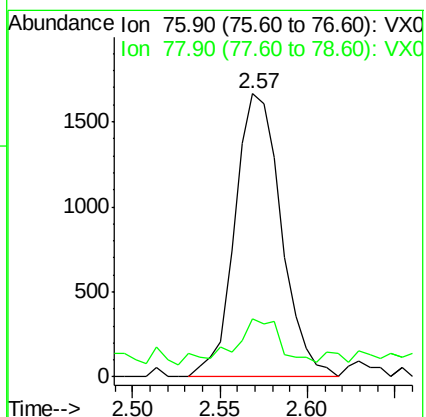
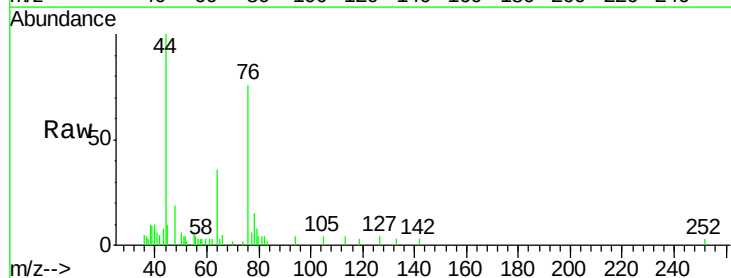
Acq: 26 Jun 2018 16:35

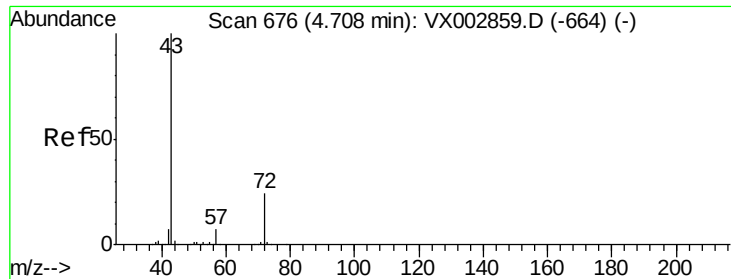
Tgt Ion: 76 Resp: 3078

Ion Ratio Lower Upper

76 100

78 12.2 6.9 10.3#





#25

2-Butanone

Concen: 3.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002900.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

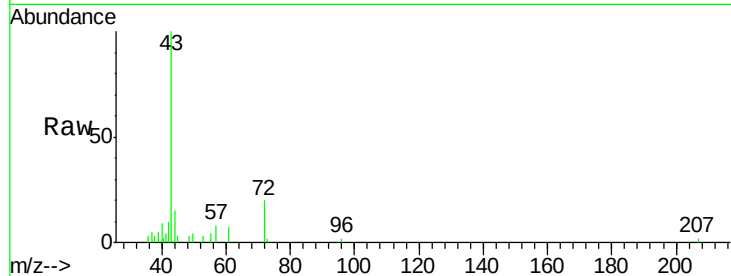
20180376-COMPOSITE-CS-1B-ELU

Tot Ion: 43 Resp: 6560

Ion Ratio Lower Upper

43 100

72 21.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

2500

2000

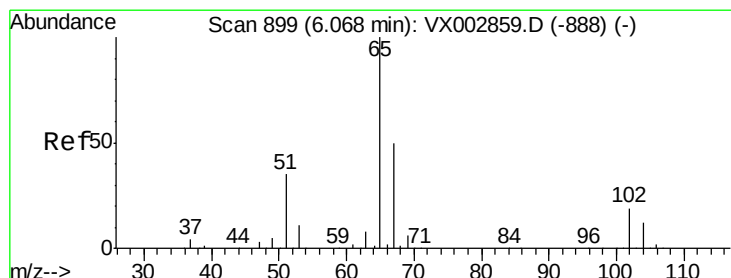
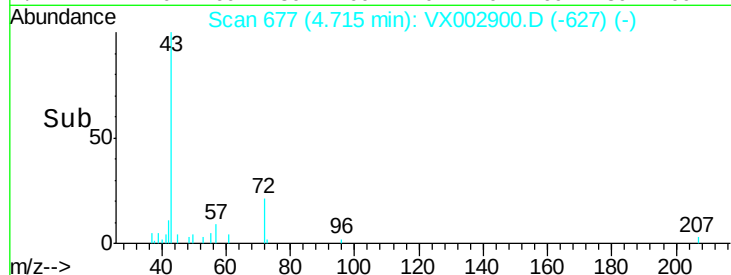
1500

1000

500

0

Time--> 4.60 4.65 4.70 4.75 4.80



#33

1,2-Dichloroethane-d4

Concen: 49.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002900.D

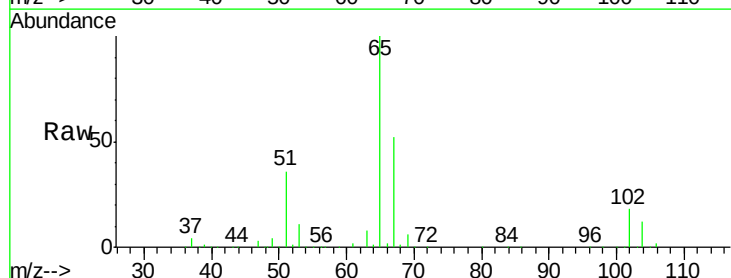
Acq: 26 Jun 2018 16:35

Tgt Ion: 65 Resp: 175327

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

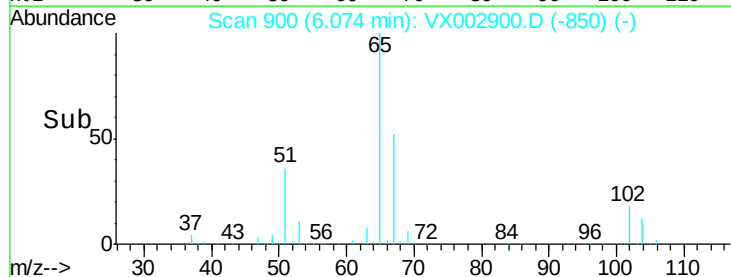
60000

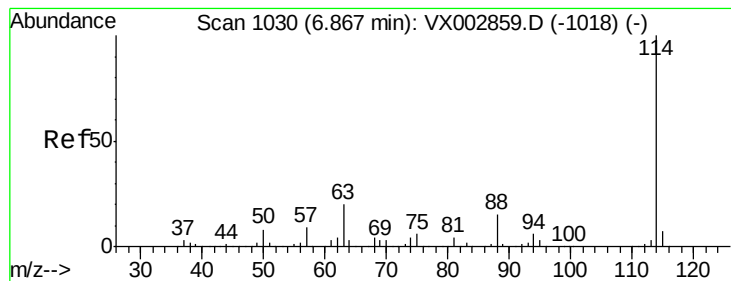
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002900.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

20180376-COMPOSITE-CS-1B-ELU

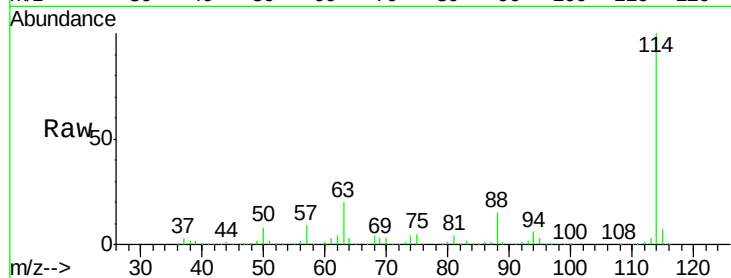
Tot Ion:114 Resp: 355534

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

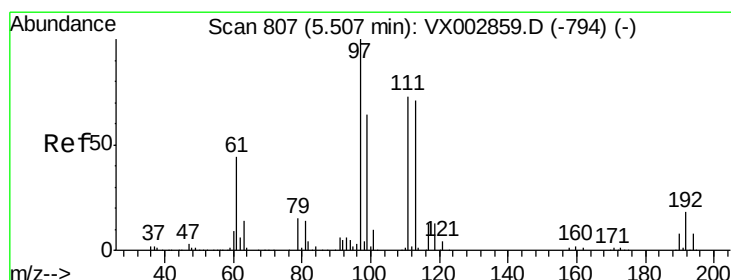
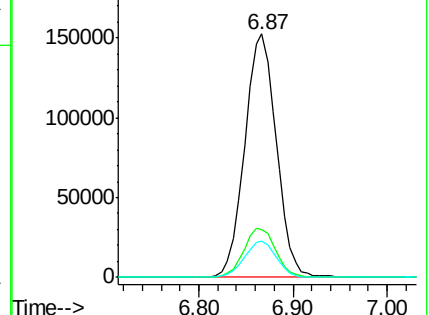
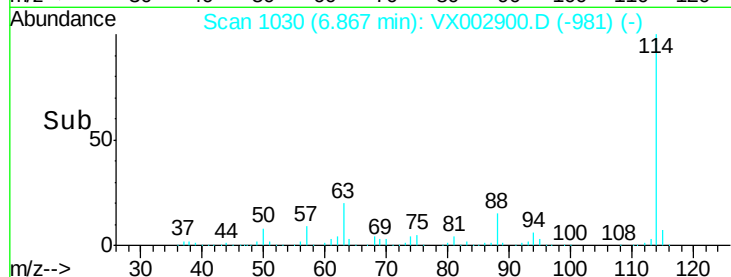
88 14.7 0.0 30.0



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: 48.96 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002900.D

Acq: 26 Jun 2018 16:35

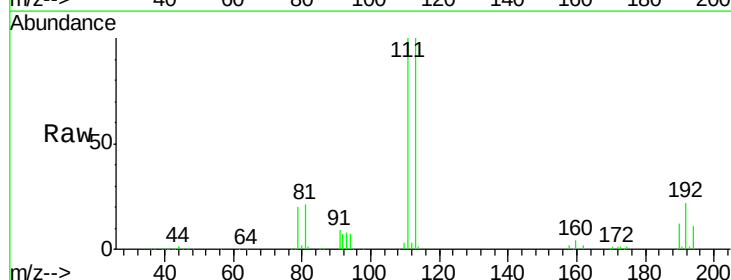
Tgt Ion:113 Resp: 137835

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

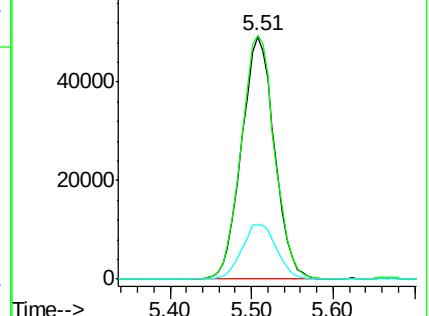
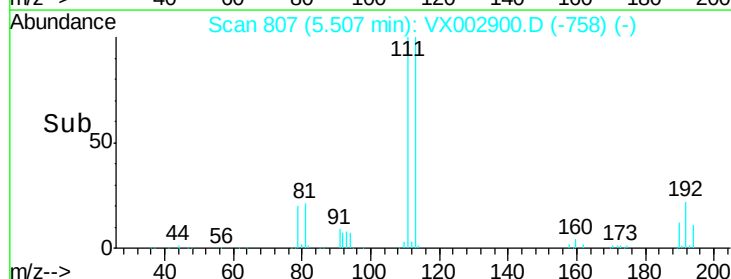
192 23.8 19.1 28.7

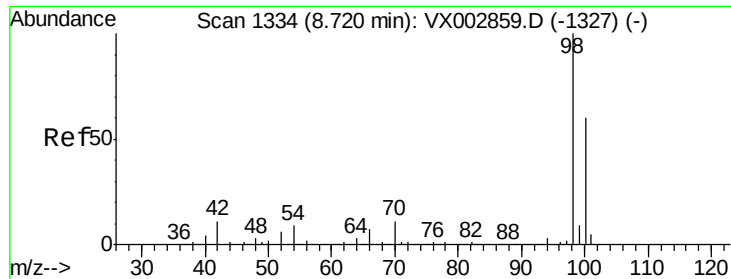


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002900.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

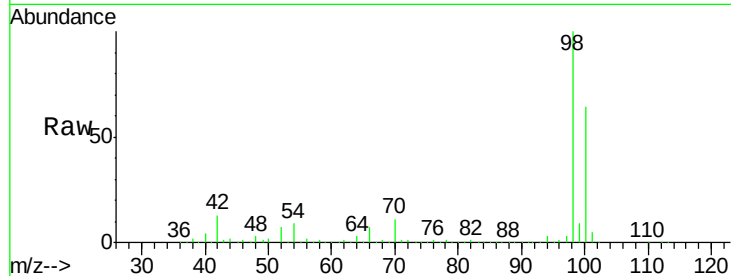
20180376-COMPOSITE-CS-1B-ELU

Tot Ion: 98 Resp: 499981

Ion Ratio Lower Upper

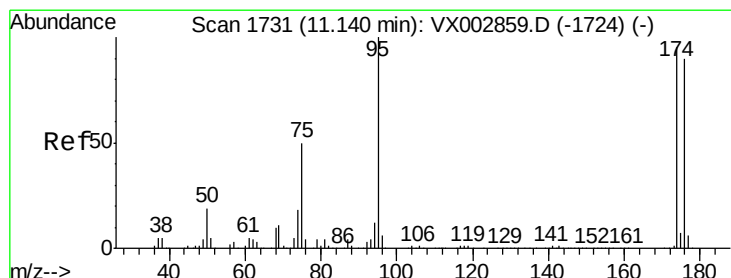
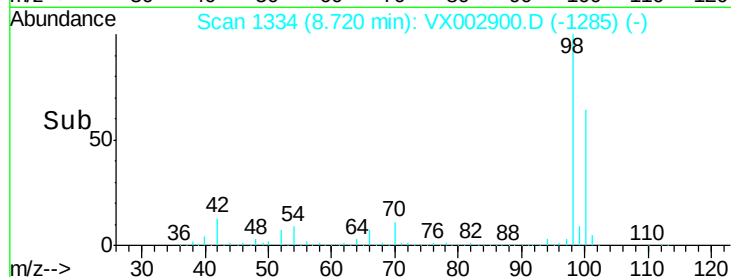
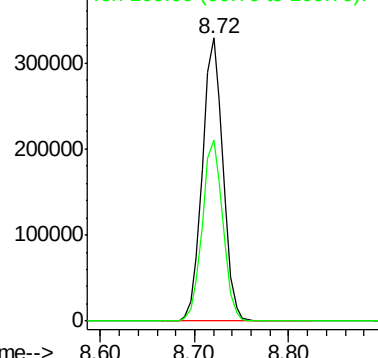
98 100

100 63.6 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: 44.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002900.D

Acq: 26 Jun 2018 16:35

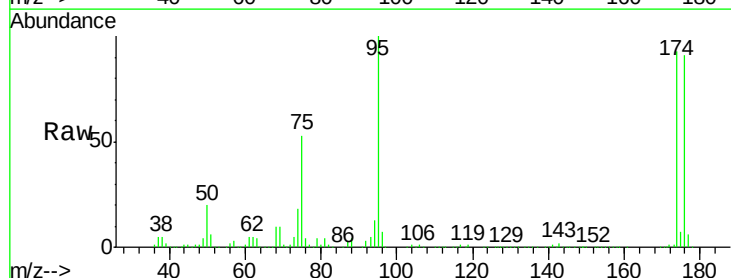
Tgt Ion: 95 Resp: 176361

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

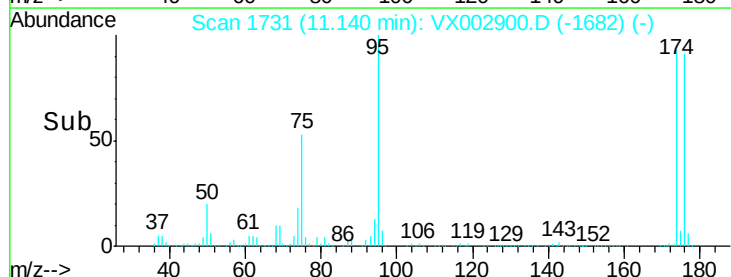
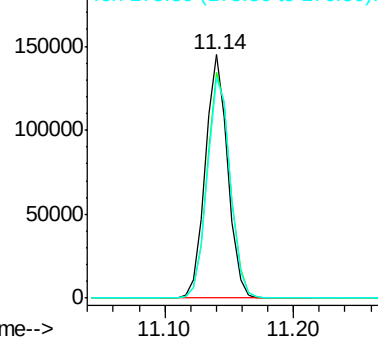
176 93.2 0.0 181.0

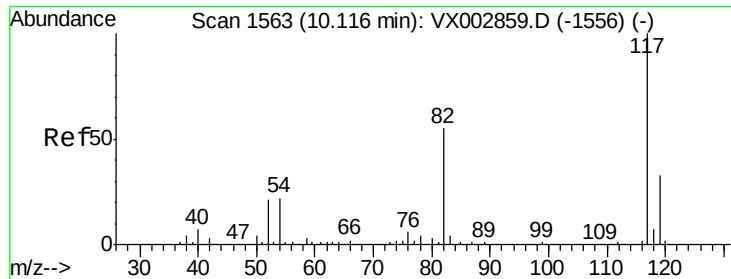


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

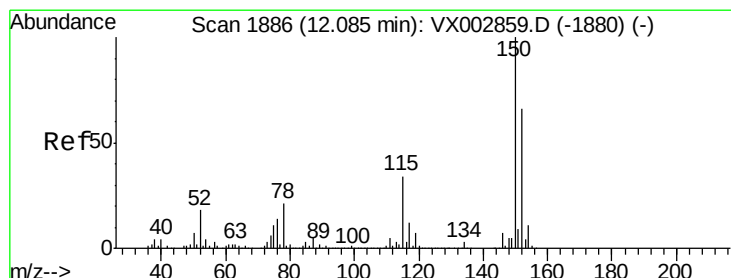
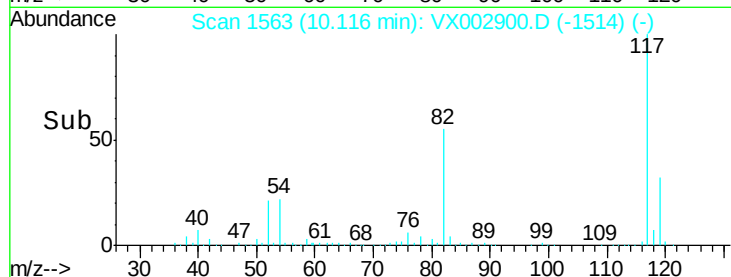
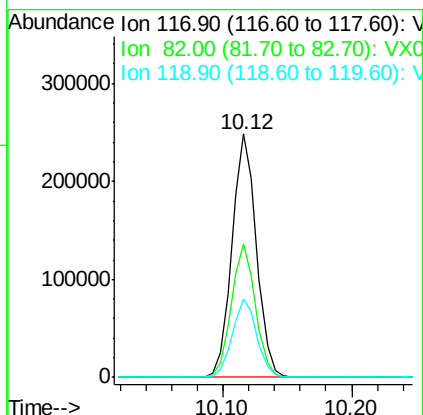
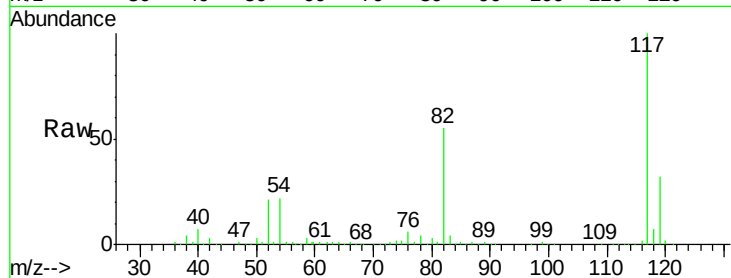




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002900.D
Acq: 26 Jun 2018 16:35

Instrument :
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20180376-COMPOSITE-CS-1B-ELU

Tot Ion:117 Resp: 328376
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002900.D
Acq: 26 Jun 2018 16:35

Tgt Ion:152 Resp: 183496
Ion Ratio Lower Upper
152 100
115 54.6 40.1 120.2
150 155.8 0.0 347.2

