

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003159.D
 Acq On : 03 Jul 2018 19:53
 Operator : JC/MD
 Sample : J3815-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 964

Quant Time: Jul 05 09:44:33 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

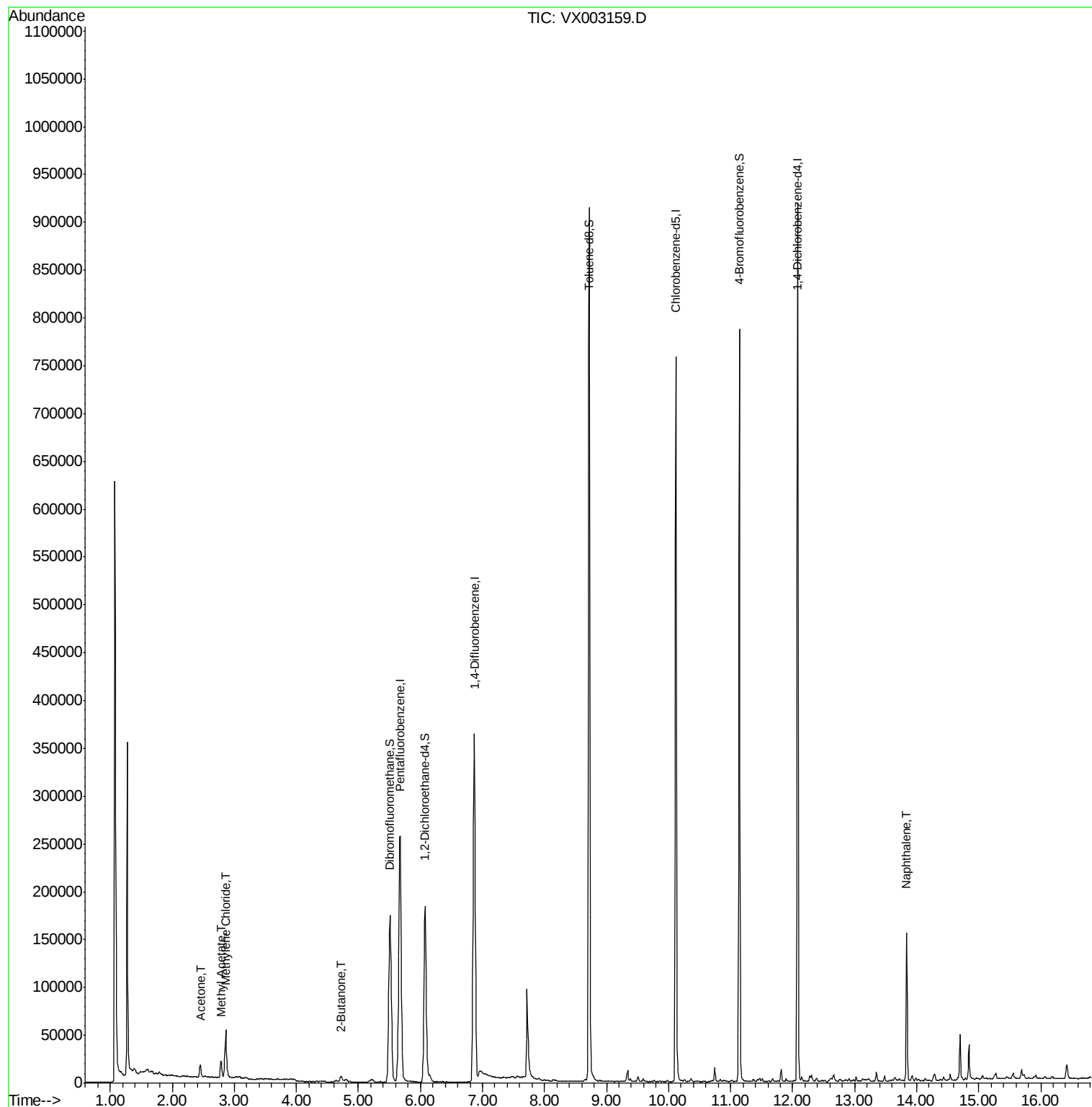
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175785	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
35) Dibromofluoromethane	5.51	113	144823	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	8.72	98	532226	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.14	95	185456	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	13628	8.755	ug/l #	89
18) Methyl Acetate	2.78	43	22142	5.088	ug/l	97
20) Methylene Chloride	2.86	84	23291	7.689	ug/l	94
25) 2-Butanone	4.71	43	10387	4.496	ug/l	98
95) Naphthalene	13.83	128	98700	7.248	ug/l	99

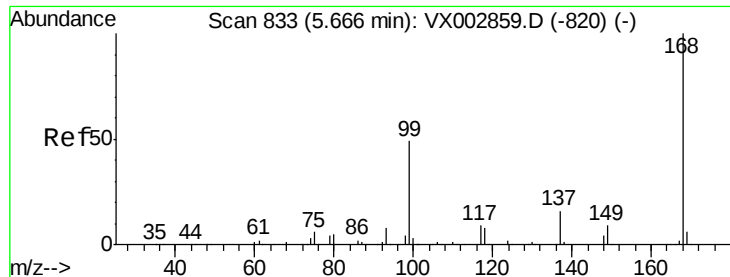
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003159.D

Acq: 03 Jul 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

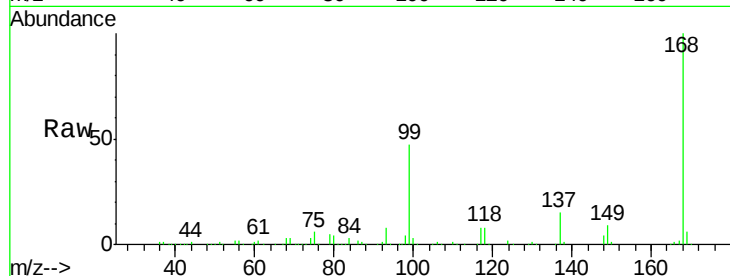
964

Tot Ion:168 Resp: 271945

Ion Ratio Lower Upper

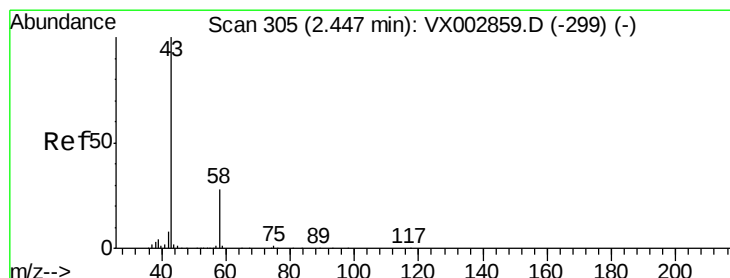
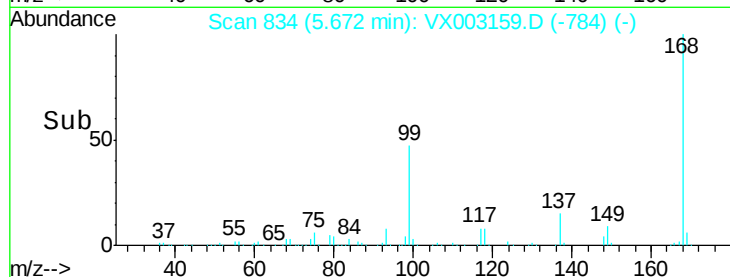
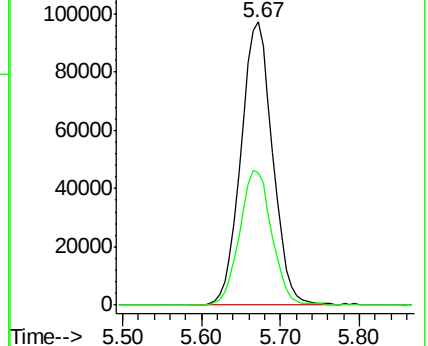
168 100

99 46.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.755 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003159.D

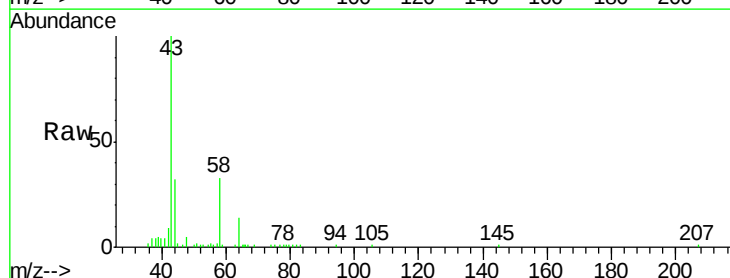
Acq: 03 Jul 2018 19:53

Tgt Ion: 43 Resp: 13628

Ion Ratio Lower Upper

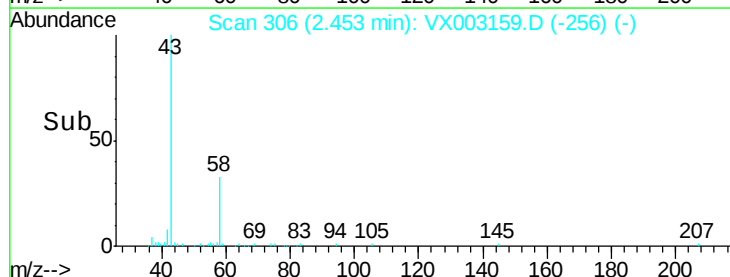
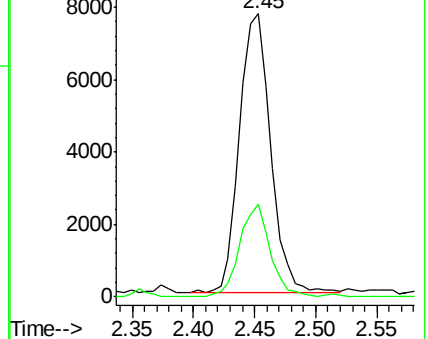
43 100

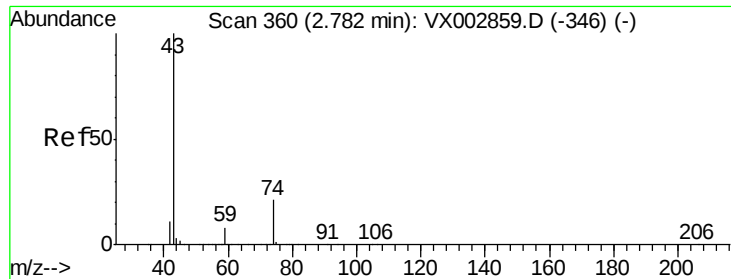
58 33.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

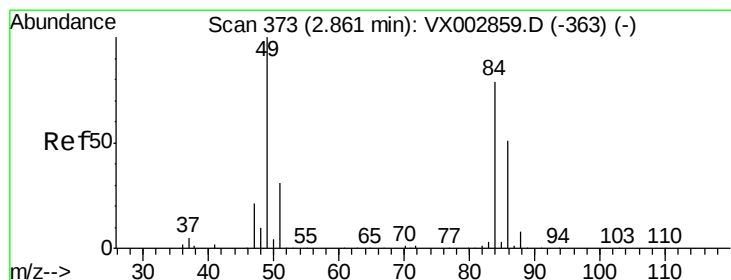
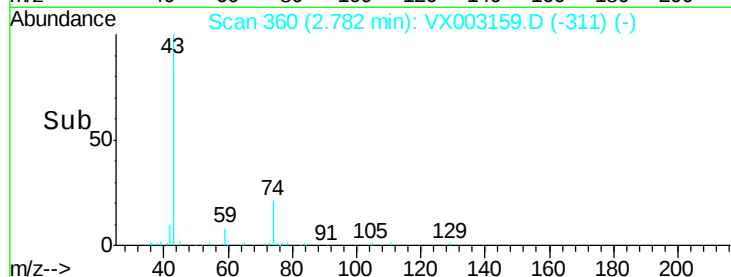
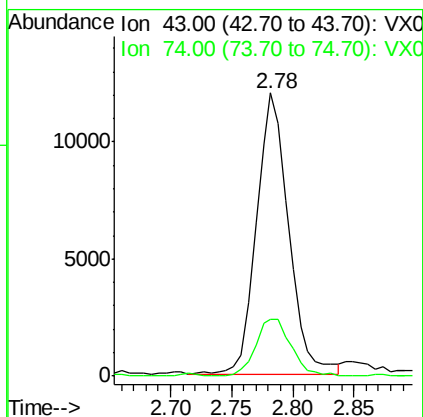
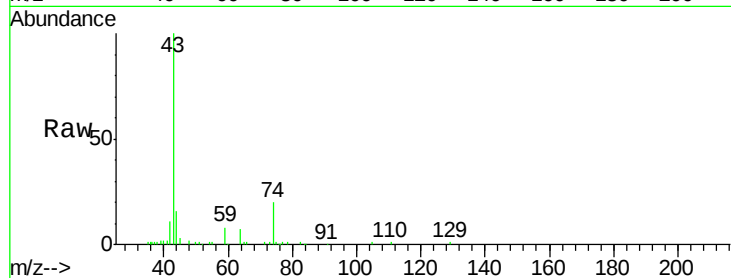




#18
Methvl Acetate
Concen: 5.088 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003159.D
Acq: 03 Jul 2018 19:53

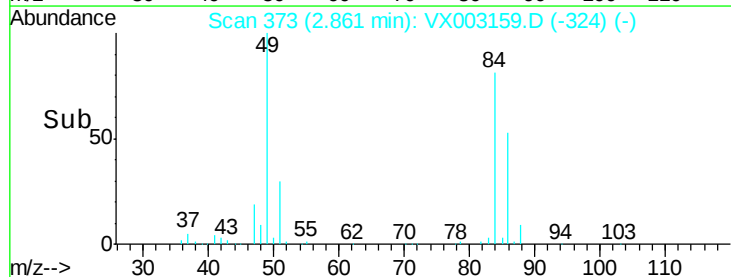
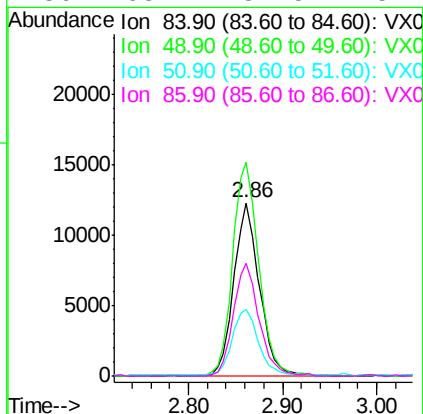
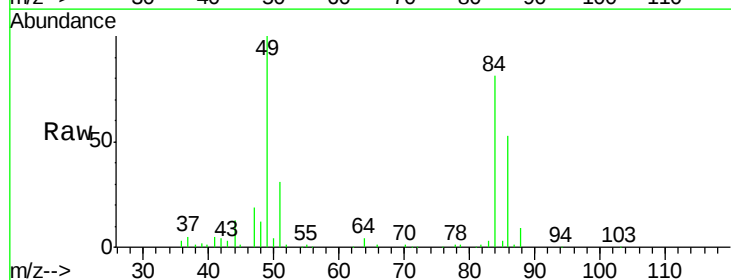
Instrument :
MSVOA_X
ClientSampled :
964

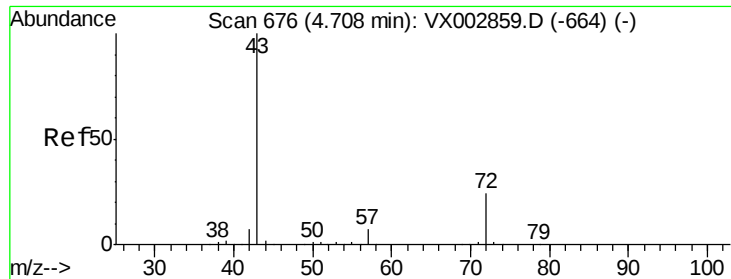
Tot Ion: 43 Resp: 22142
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1



#20
Methylene Chloride
Concen: 7.689 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003159.D
Acq: 03 Jul 2018 19:53

Tgt Ion: 84 Resp: 23291
Ion Ratio Lower Upper
84 100
49 123.4 107.8 161.6
51 37.6 32.8 49.2
86 65.4 52.5 78.7





#25

2-Butanone

Concen: 4.496 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003159.D

Acq: 03 Jul 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

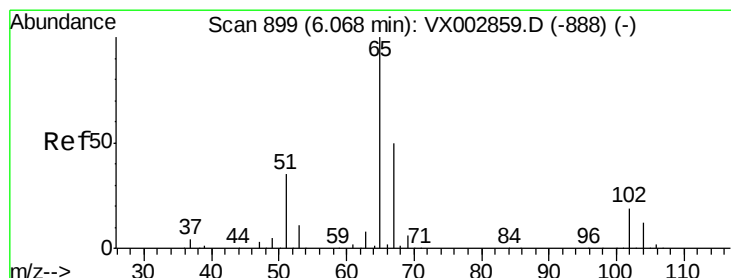
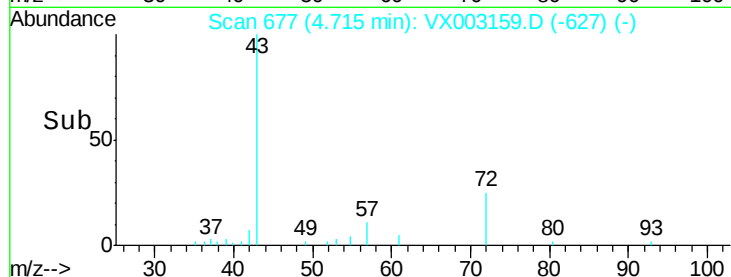
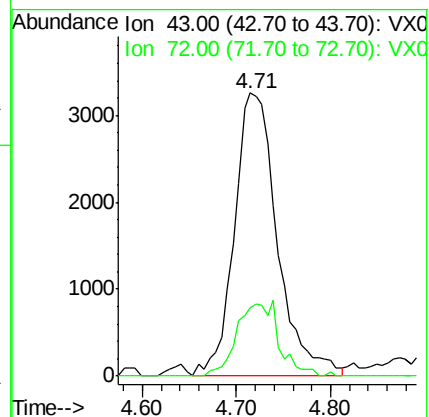
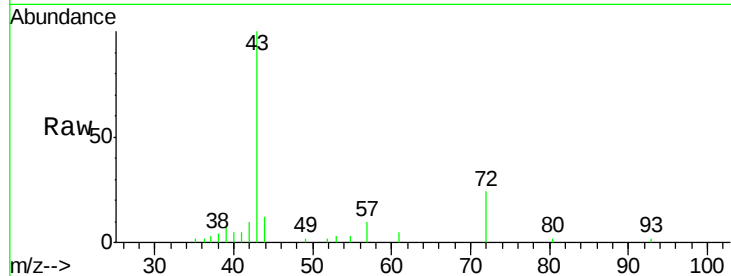
964

Tot Ion: 43 Resp: 10387

Ion Ratio Lower Upper

43 100

72 23.9 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 46.766 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003159.D

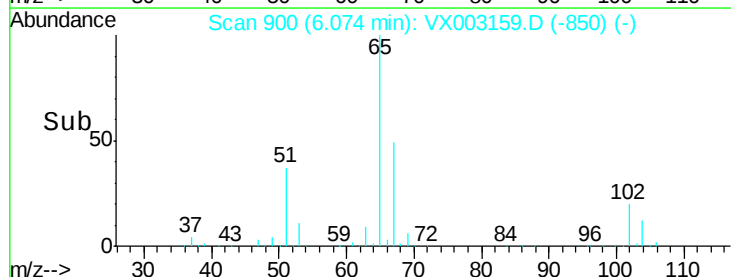
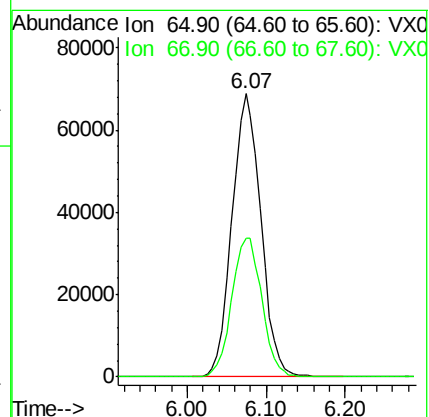
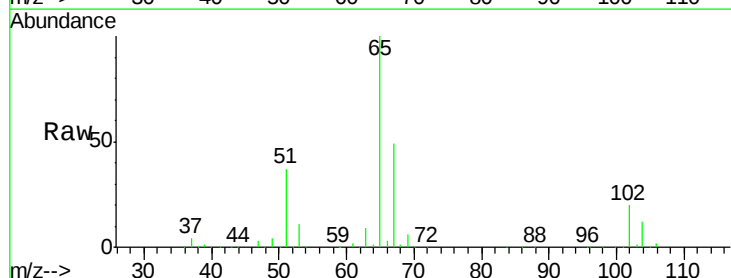
Acq: 03 Jul 2018 19:53

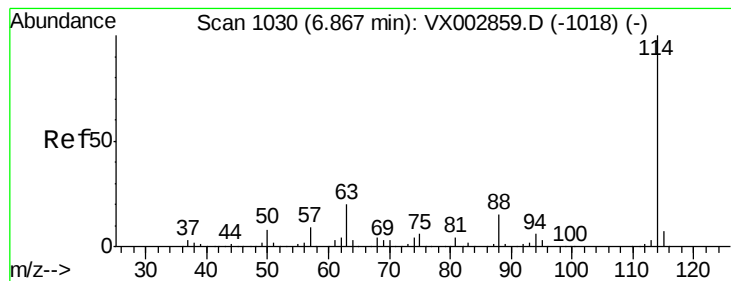
Tgt Ion: 65 Resp: 175785

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003159.D

Acq: 03 Jul 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

964

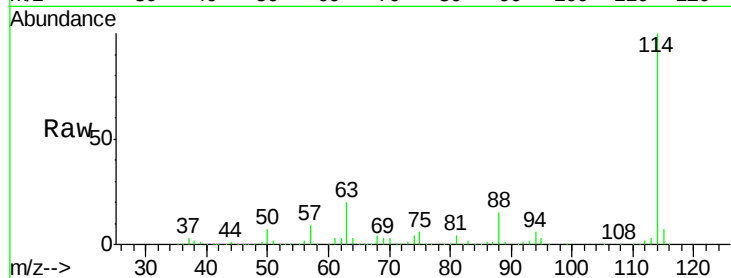
Tot Ion:114 Resp: 373720

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

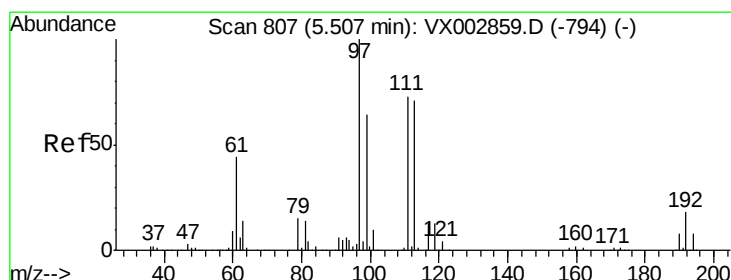
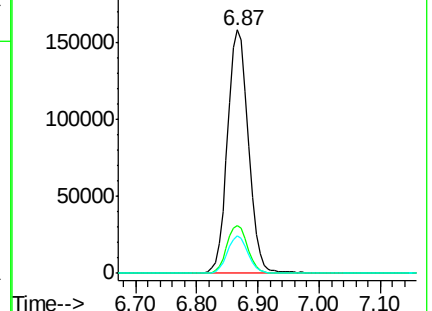
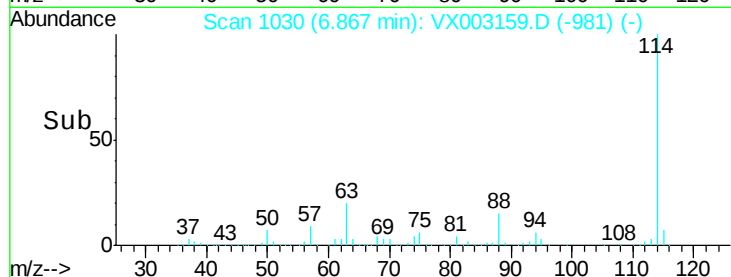
88 15.3 0.0 30.0



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: 48.935 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003159.D

Acq: 03 Jul 2018 19:53

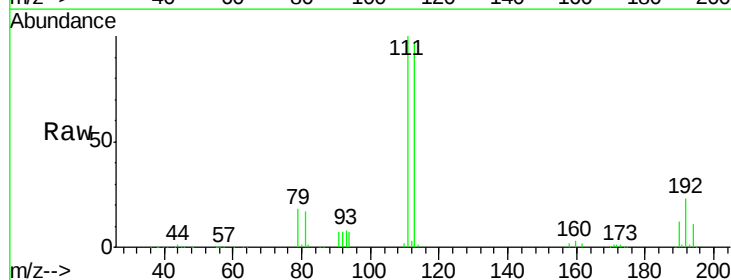
Tgt Ion:113 Resp: 144823

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

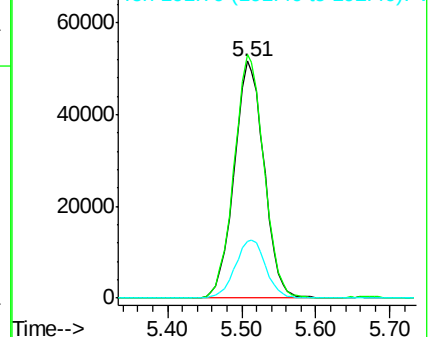
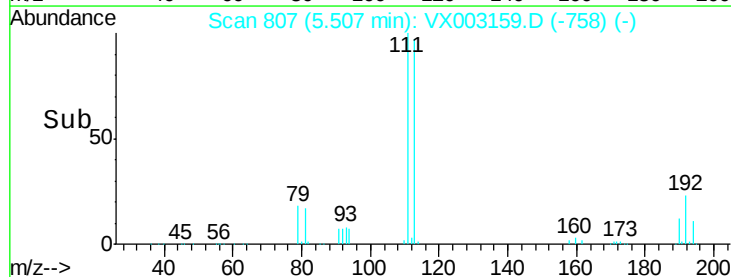
192 24.9 19.1 28.7

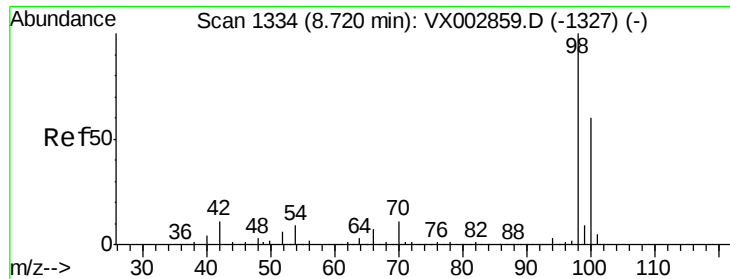


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.246 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003159.D

Acq: 03 Jul 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

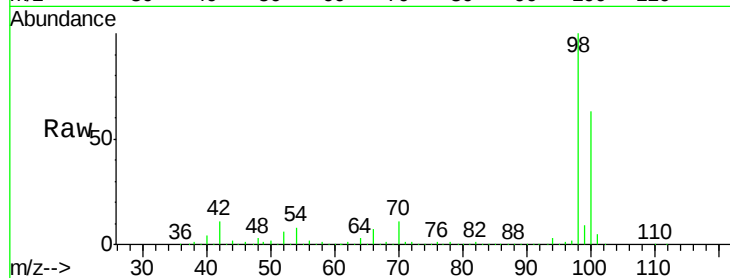
964

Tot Ion: 98 Resp: 532226

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

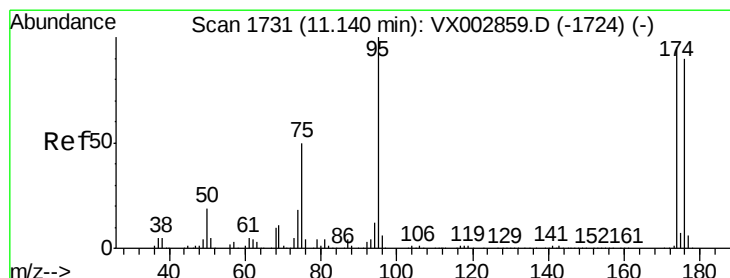
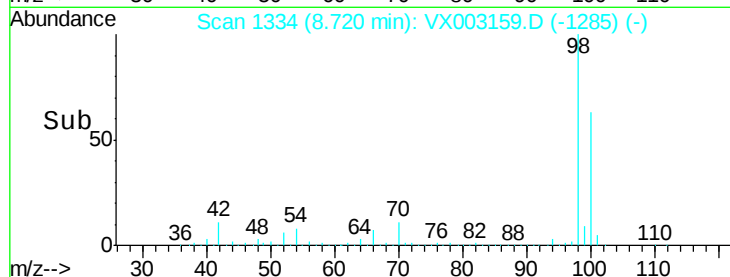
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.496 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003159.D

Acq: 03 Jul 2018 19:53

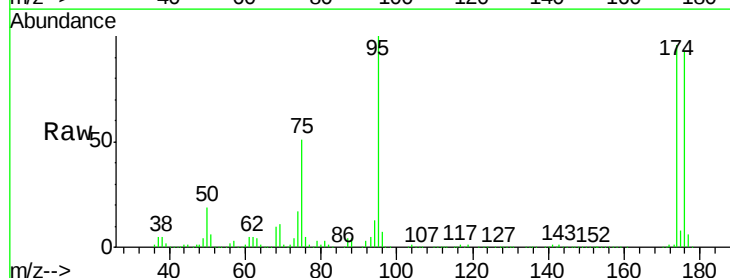
Tgt Ion: 95 Resp: 185456

Ion Ratio Lower Upper

95 100

174 99.4 0.0 187.4

176 95.6 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

200000

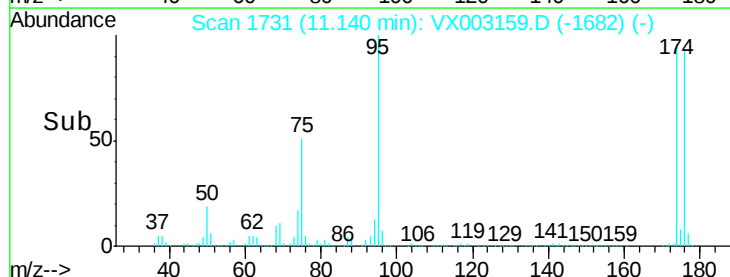
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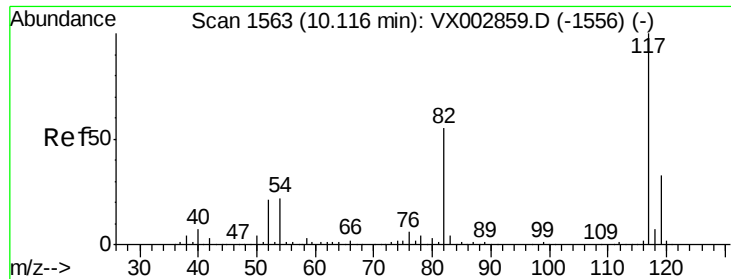
100000

50000

0

Time-->

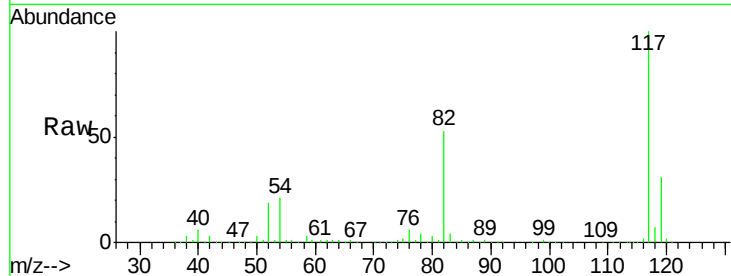




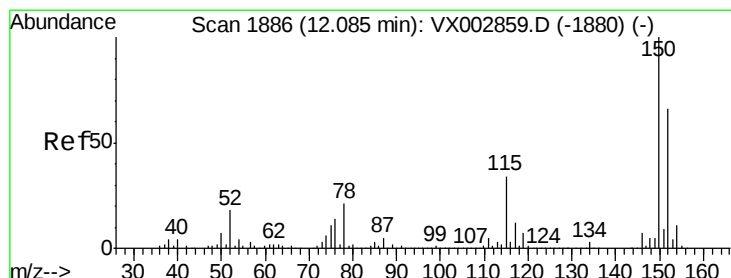
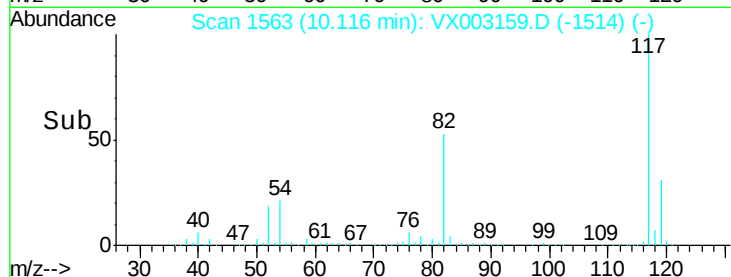
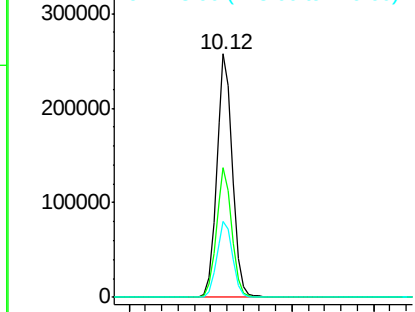
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003159.D
Acq: 03 Jul 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
964

Tot Ion:117 Resp: 349028
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 31.1 25.8 38.6

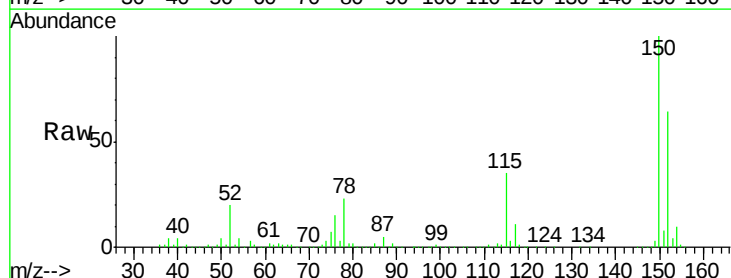


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

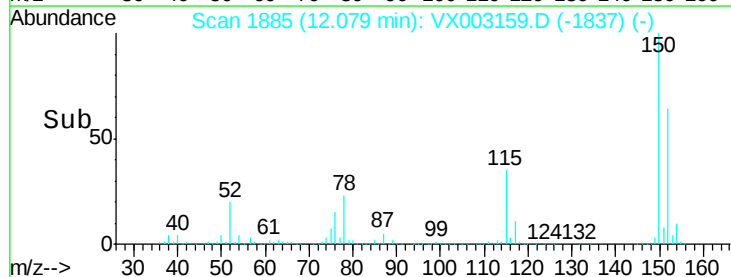
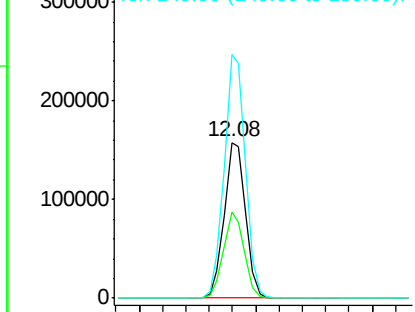


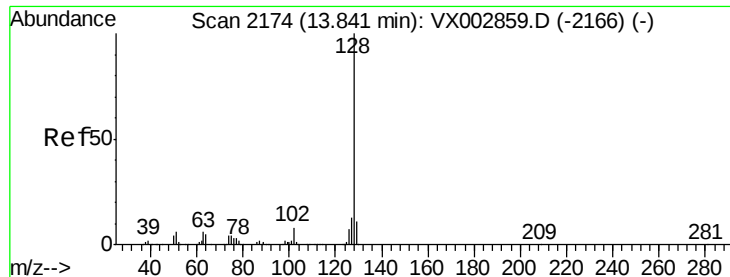
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003159.D
Acq: 03 Jul 2018 19:53

Tgt Ion:152 Resp: 198932
Ion Ratio Lower Upper
152 100
115 53.6 40.1 120.2
150 155.7 0.0 347.2



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: 7.248 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003159.D
Acq: 03 Jul 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
964

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

