

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003629.D
 Acq On : 24 Jul 2018 03:36
 Operator : JC/SP
 Sample : J4073-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-071618

Quant Time: Jul 24 09:04:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

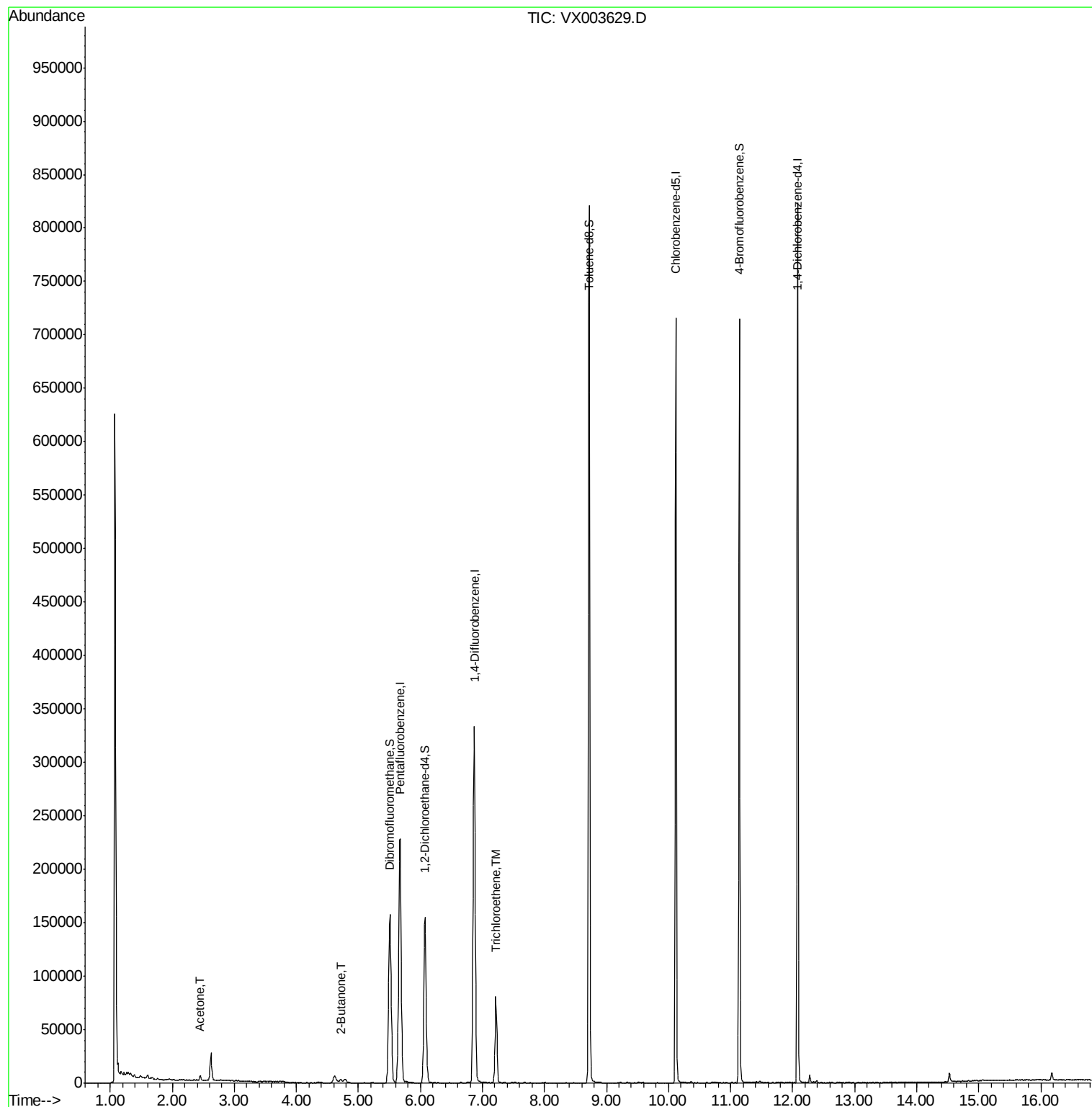
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145015	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	5.51	113	134475	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.72	98	507599	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.14	95	172824	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
16) Acetone	2.45	43	4823	4.21	ug/l	Qvalue # 87
25) 2-Butanone	4.72	43	5224	2.72	ug/l	99
44) Trichloroethene	7.22	130	35153	10.01	ug/l	92

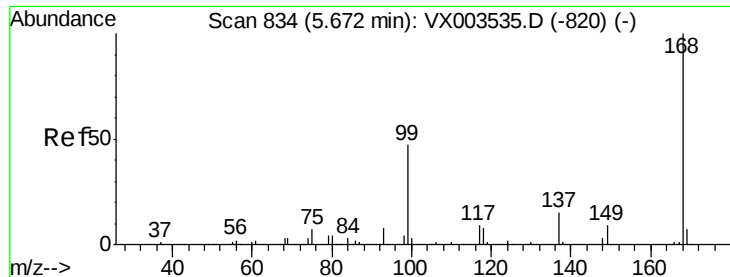
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003629.D

Acq: 24 Jul 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

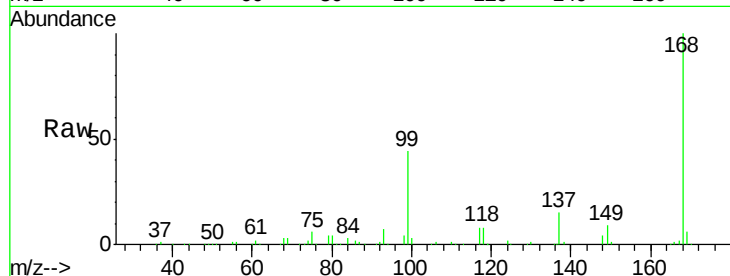
RE117D1-071618

Tot Ion:168 Resp: 256395

Ion Ratio Lower Upper

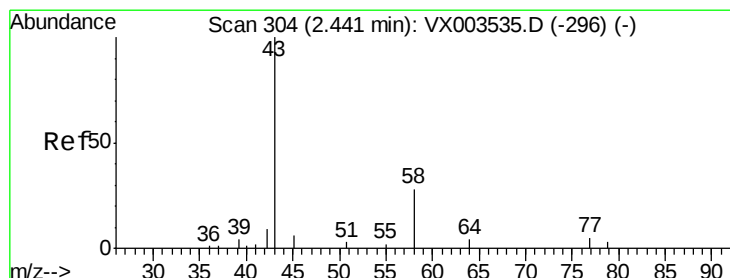
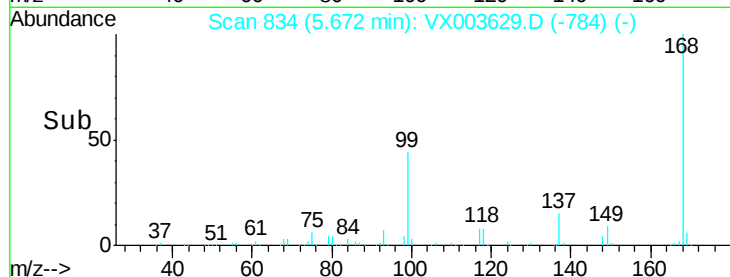
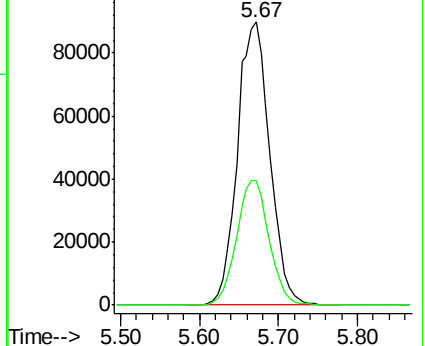
168 100

99 44.0 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: 4.21 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003629.D

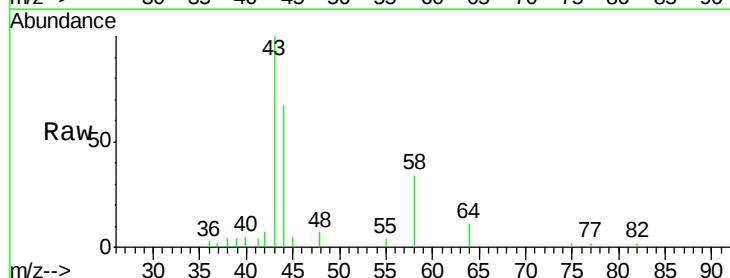
Acq: 24 Jul 2018 03:36

Tgt Ion: 43 Resp: 4823

Ion Ratio Lower Upper

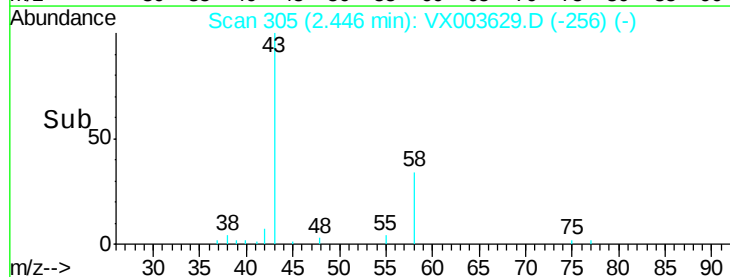
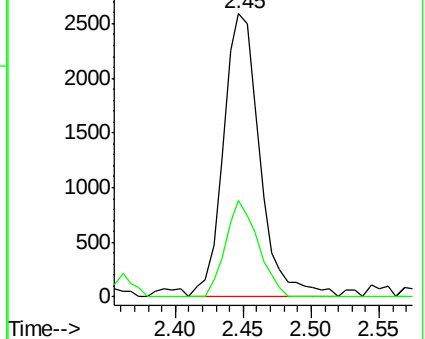
43 100

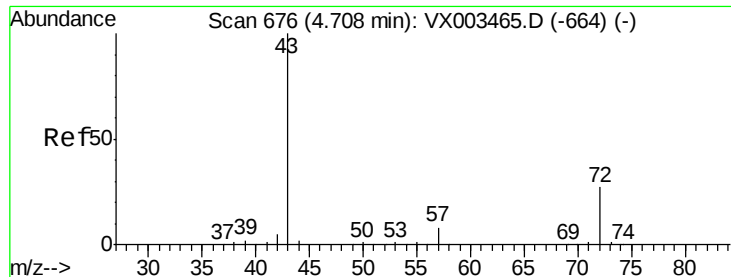
58 34.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 2.72 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003629.D

Acq: 24 Jul 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

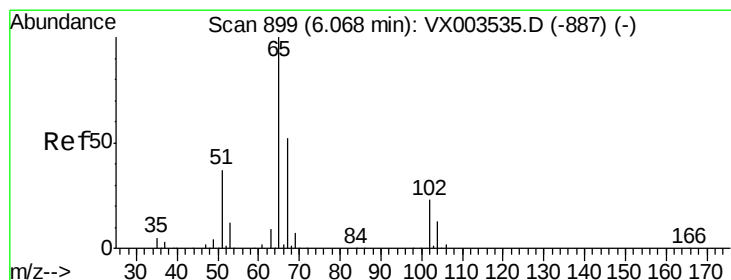
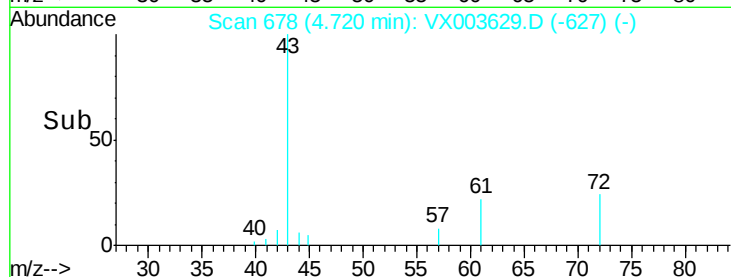
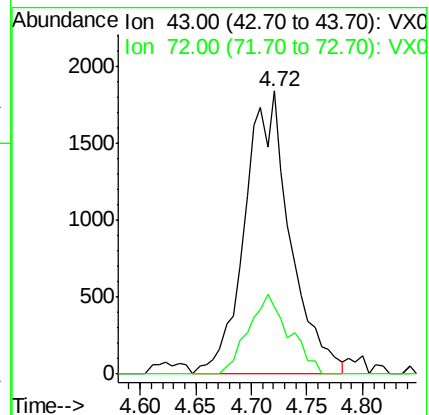
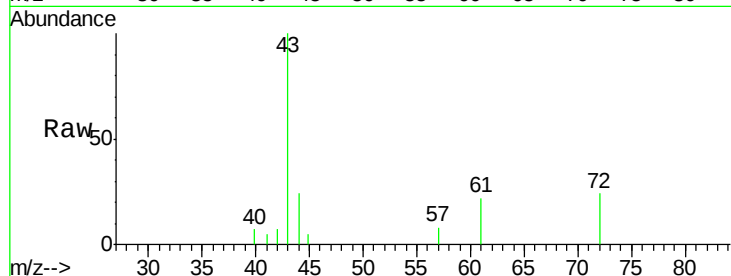
RE117D1-071618

Tot Ion: 43 Resp: 5224

Ion Ratio Lower Upper

43 100

72 23.5 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 47.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003629.D

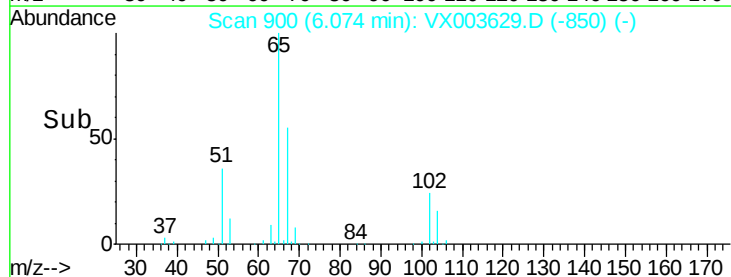
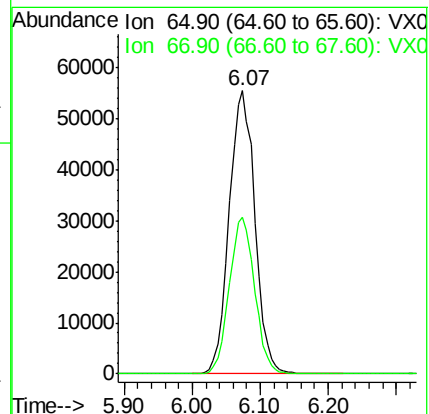
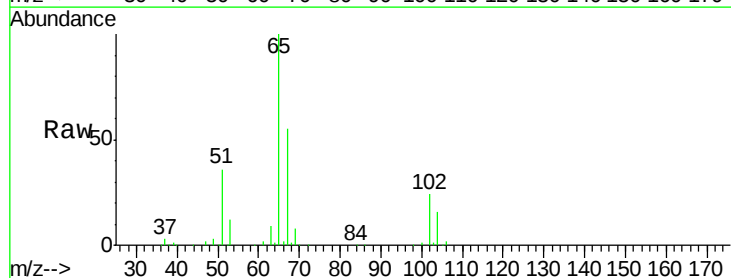
Acq: 24 Jul 2018 03:36

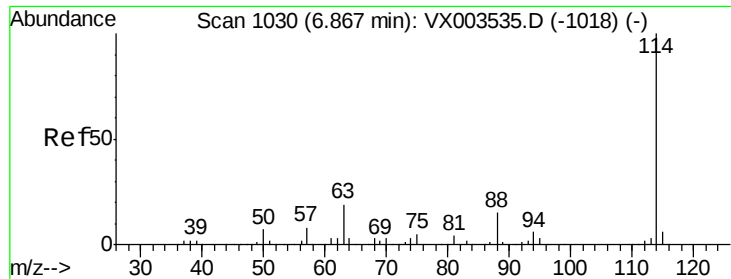
Tgt Ion: 65 Resp: 145015

Ion Ratio Lower Upper

65 100

67 54.6 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: VX003629.D

Acq: 24 Jul 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-071618

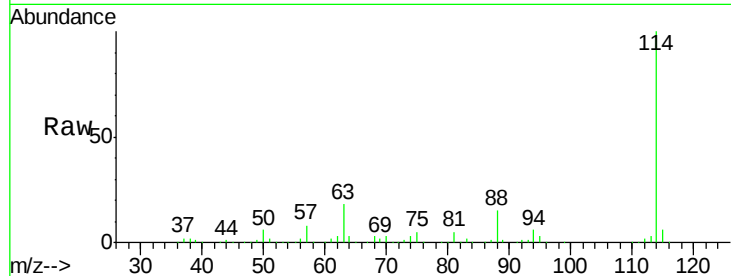
Tot Ion:114 Resp: 361268

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.4

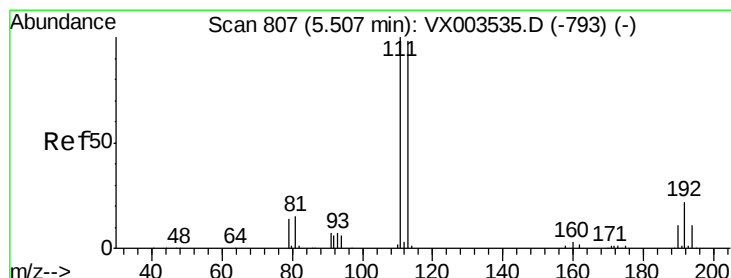
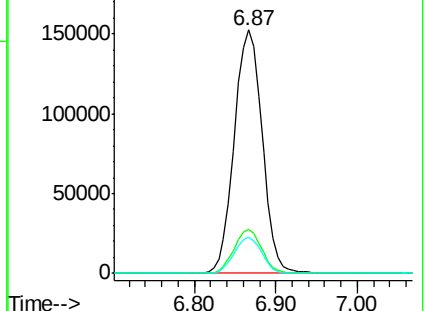
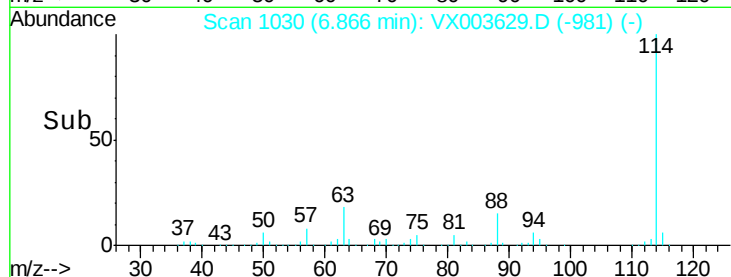
88 14.7 0.0 30.0



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: 48.87 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003629.D

Acq: 24 Jul 2018 03:36

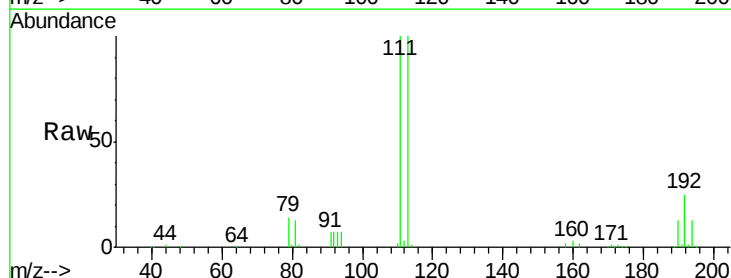
Tgt Ion:113 Resp: 134475

Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

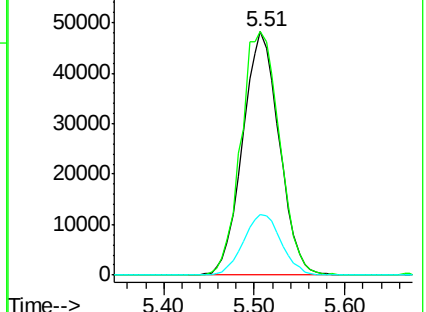
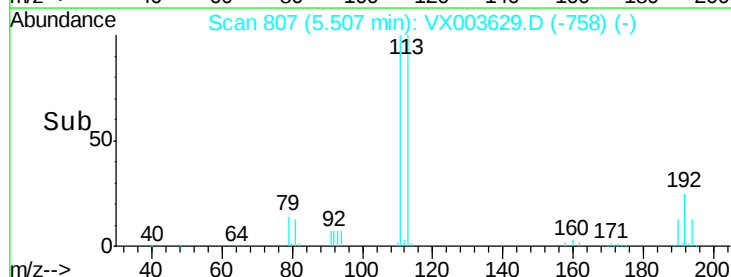
192 25.9 19.1 28.7

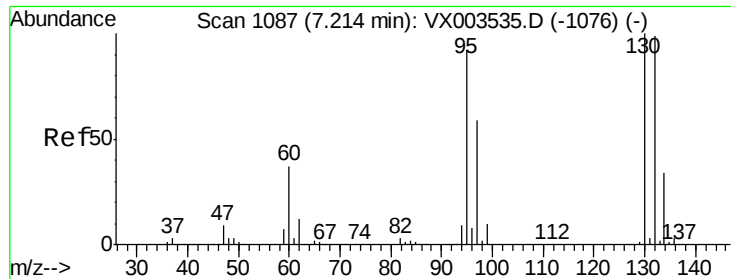


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 10.01 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003629.D

Acq: 24 Jul 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

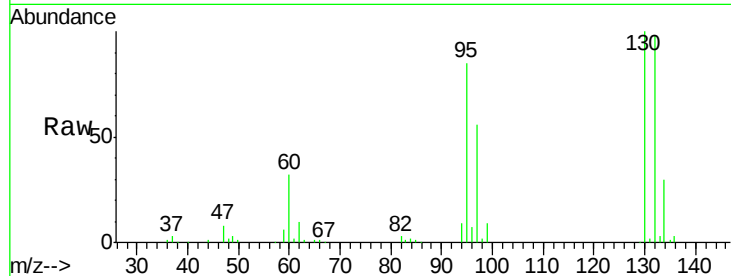
RE117D1-071618

Tot Ion:130 Resp: 35153

Ion Ratio Lower Upper

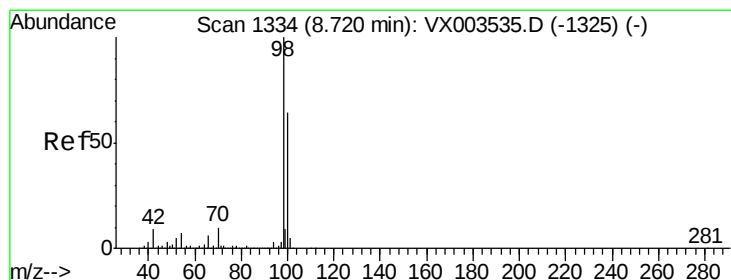
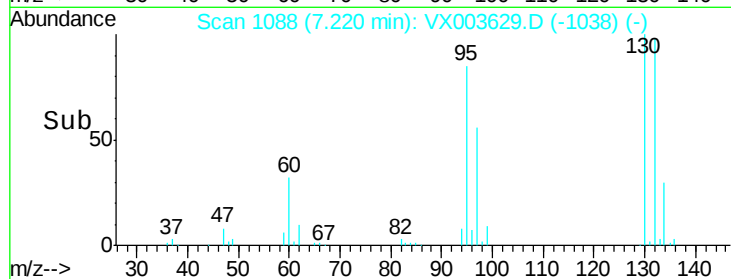
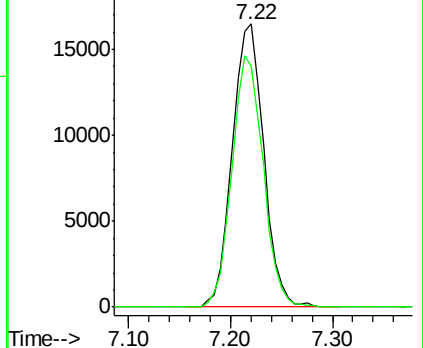
130 100

95 85.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003629.D

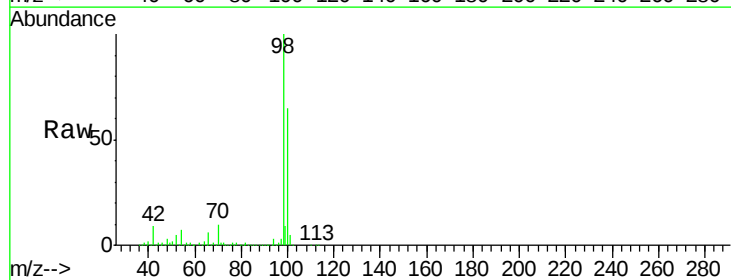
Acq: 24 Jul 2018 03:36

Tgt Ion: 98 Resp: 507599

Ion Ratio Lower Upper

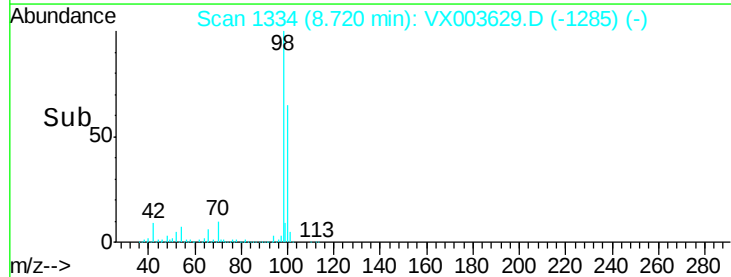
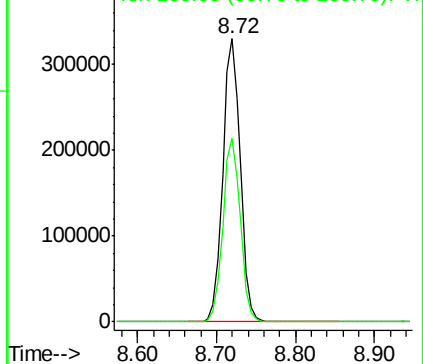
98 100

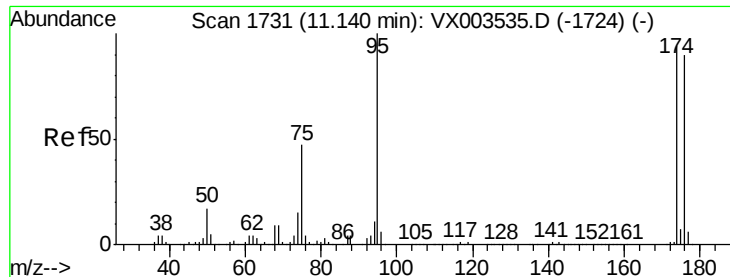
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

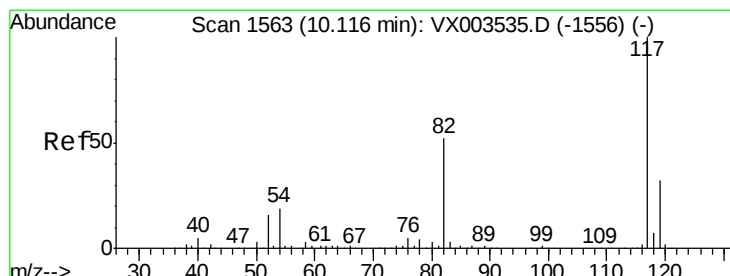
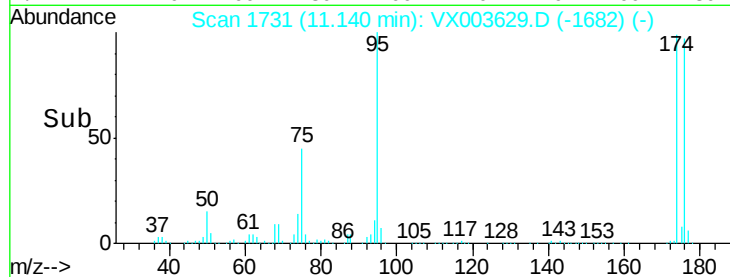
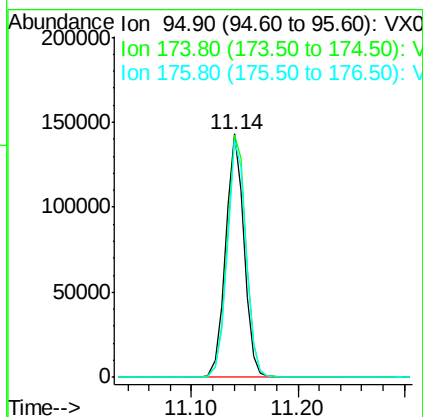
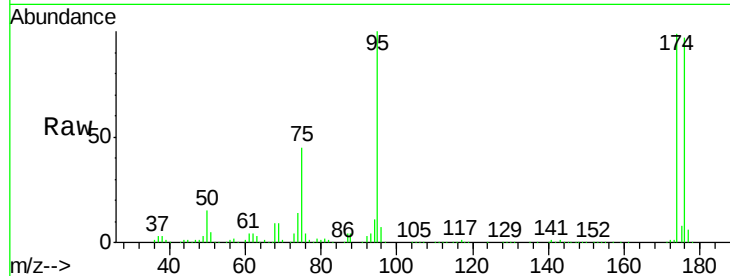




#62
4-Bromofluorobenzene
Concen: 45.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003629.D
Acq: 24 Jul 2018 03:36

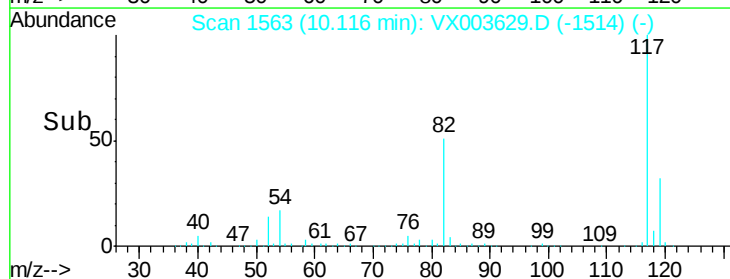
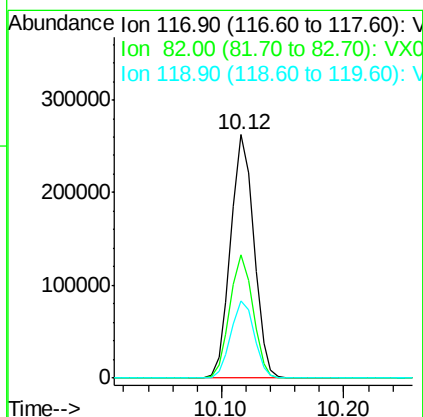
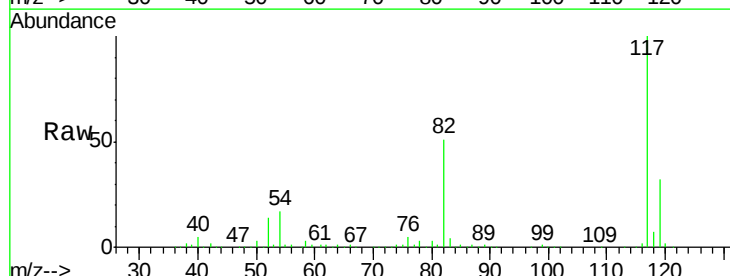
Instrument :
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RE117D1-071618

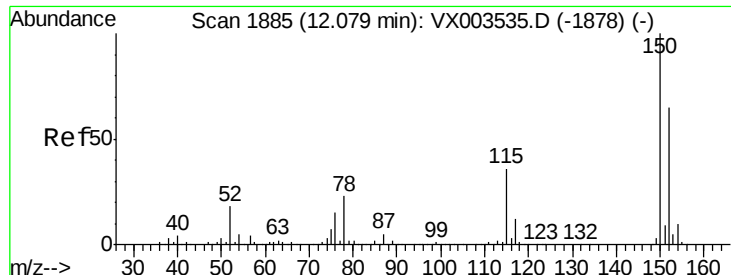
Tot Ion: 95 Resp: 172824
Ion Ratio Lower Upper
95 100
174 103.5 0.0 187.4
176 99.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003629.D
Acq: 24 Jul 2018 03:36

Tgt Ion: 117 Resp: 345785
Ion Ratio Lower Upper
117 100
82 50.6 45.0 67.4
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003629.D

Acq: 24 Jul 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-071618

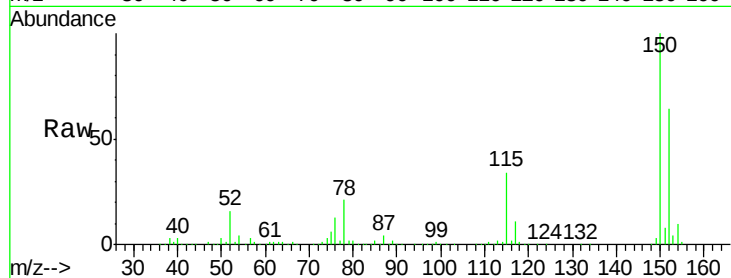
Tot Ion:152 Resp: 192759

Ion Ratio Lower Upper

152 100

115 52.5 40.1 120.2

150 155.8 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

