

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003431.D
 Acq On : 17 Jul 2018 16:47
 Operator : JC/MD
 Sample : J3819-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-071318-B

Quant Time: Jul 18 01:35:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	410616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209299	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170180	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
35) Dibromofluoromethane	5.51	113	153766	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	8.72	98	642406	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	197250	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	

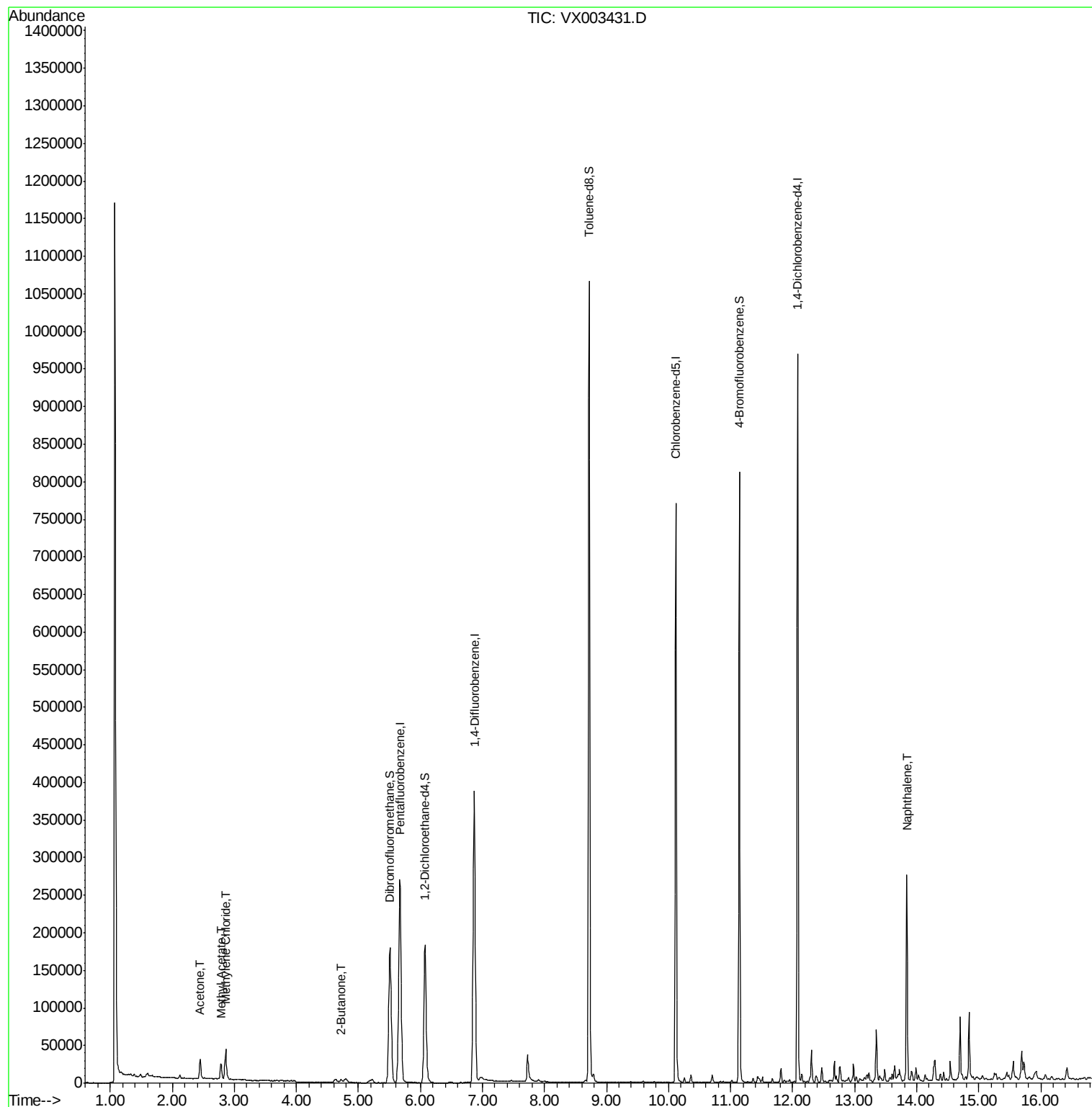
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	27554	18.06	ug/l	# 89
18) Methyl Acetate	2.78	43	26979	5.43	ug/l	94
20) Methylene Chloride	2.86	84	18670	2.94	ug/l	95
25) 2-Butanone	4.71	43	6104	2.56	ug/l	94
95) Naphthalene	13.84	128	177359	12.92	ug/l	100

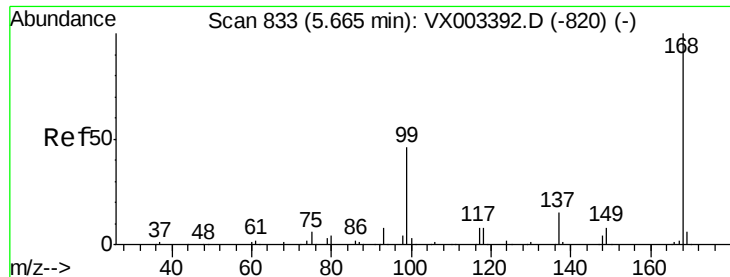
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003431.D

Acq: 17 Jul 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

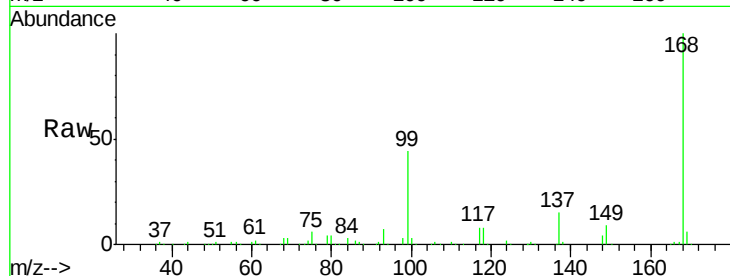
AU-05-071318-B

Tot Ion:168 Resp: 280058

Ion Ratio Lower Upper

168 100

99 43.7 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

120000

100000

80000

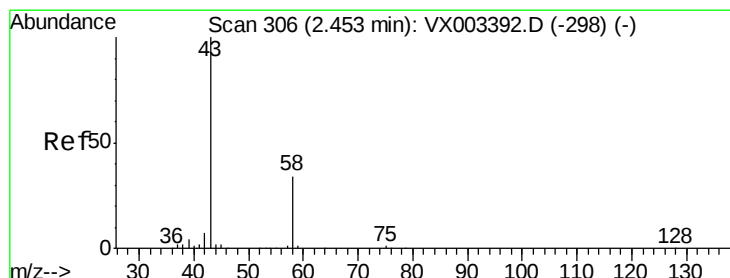
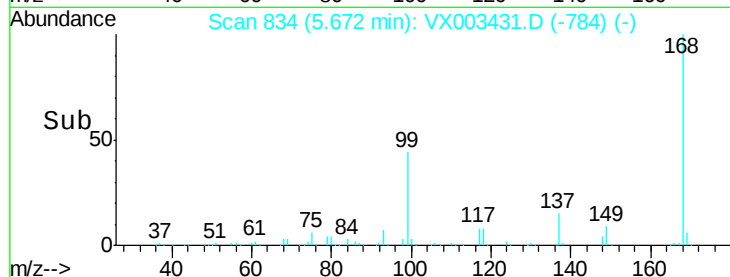
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 18.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003431.D

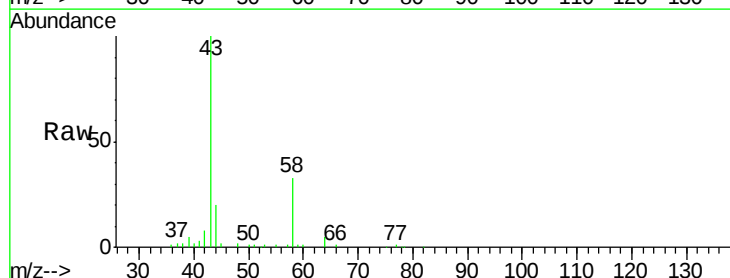
Acq: 17 Jul 2018 16:47

Tgt Ion: 43 Resp: 27554

Ion Ratio Lower Upper

43 100

58 33.4 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

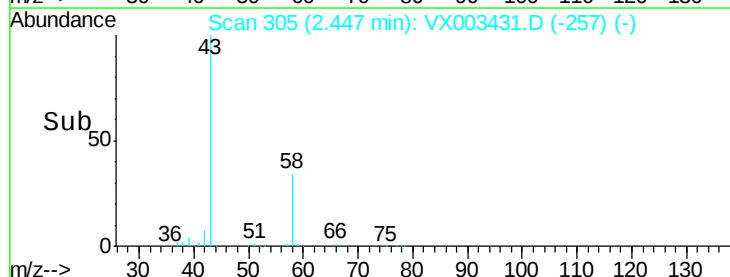
15000

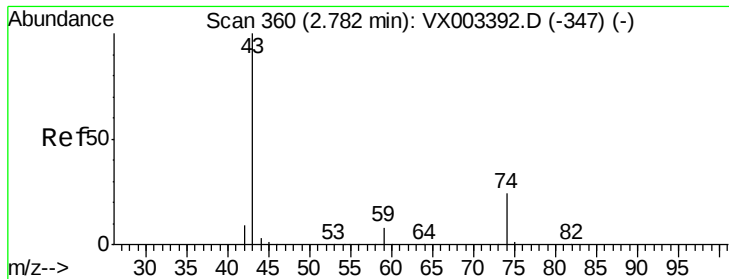
10000

5000

0

Time-->

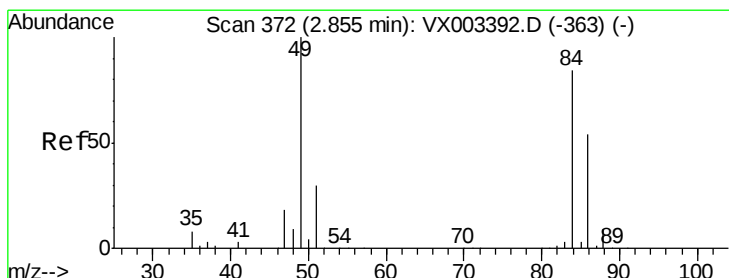
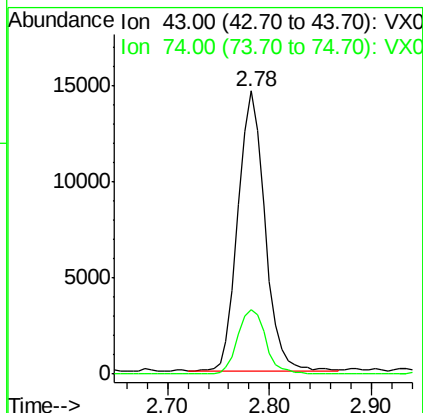
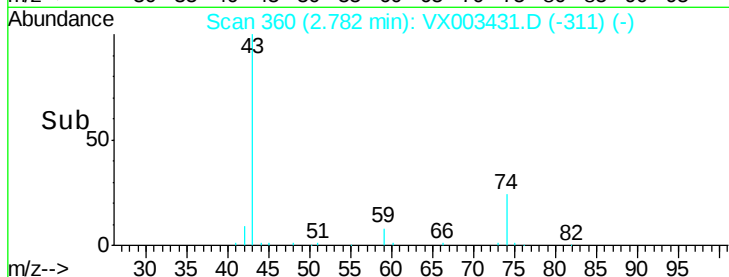
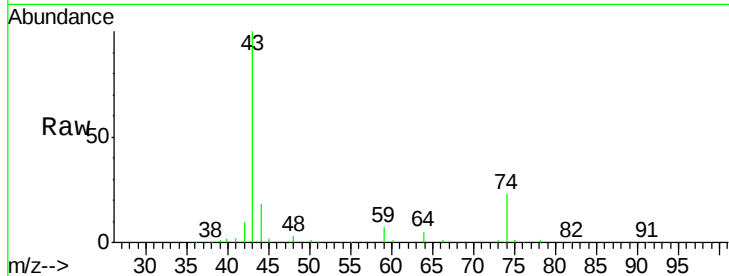




#18
Methyl Acetate
Concen: 5.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003431.D
Acq: 17 Jul 2018 16:47

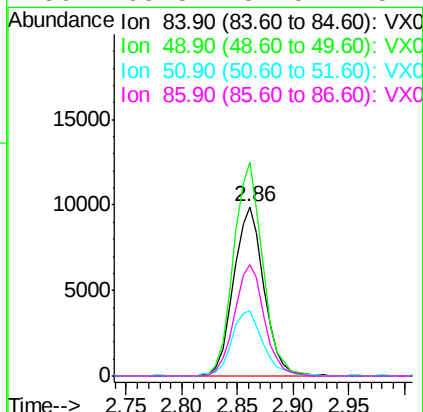
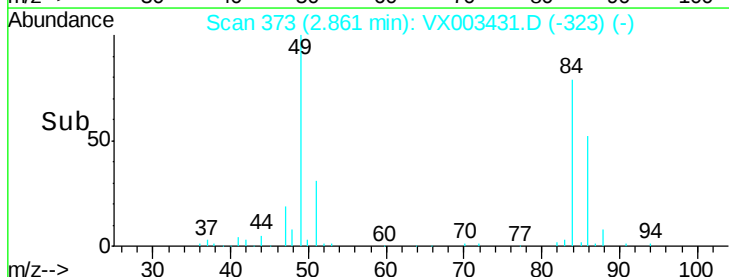
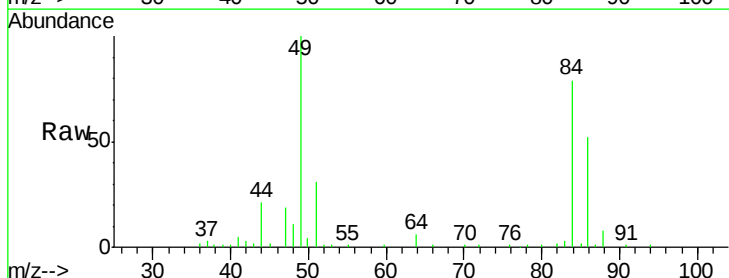
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-B

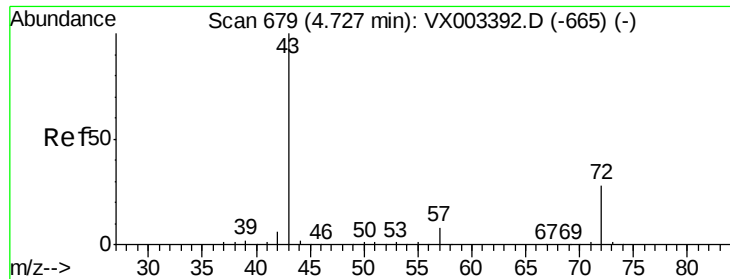
Tot Ion: 43 Resp: 26979
Ion Ratio Lower Upper
43 100
74 23.8 16.7 25.1



#20
Methylene Chloride
Concen: 2.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003431.D
Acq: 17 Jul 2018 16:47

Tgt Ion: 84 Resp: 18670
Ion Ratio Lower Upper
84 100
49 126.3 107.8 161.6
51 38.6 32.8 49.2
86 65.8 52.5 78.7





#25

2-Butanone

Concen: 2.56 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003431.D

Acq: 17 Jul 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

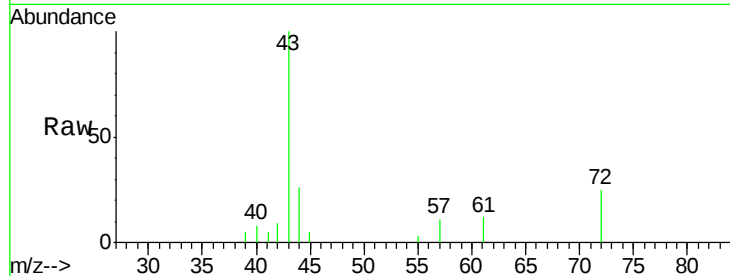
AU-05-071318-B

Tot Ion: 43 Resp: 6104

Ion Ratio Lower Upper

43 100

72 26.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

2500

2000

1500

1000

500

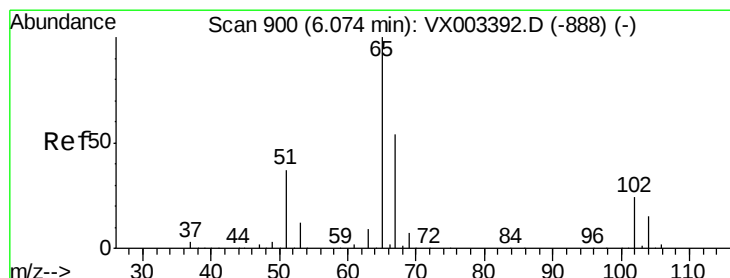
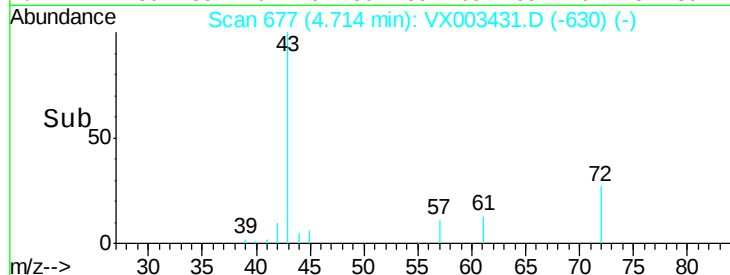
0

4.60

4.70

4.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.40 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003431.D

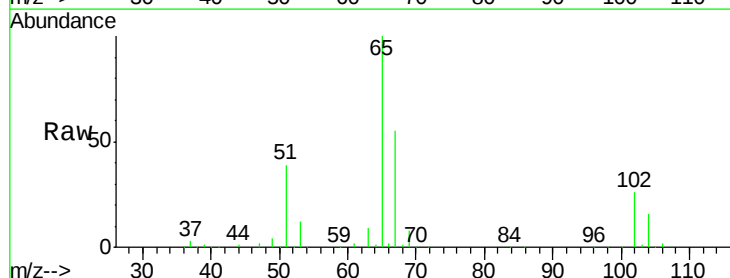
Acq: 17 Jul 2018 16:47

Tgt Ion: 65 Resp: 170180

Ion Ratio Lower Upper

65 100

67 54.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

40000

20000

0

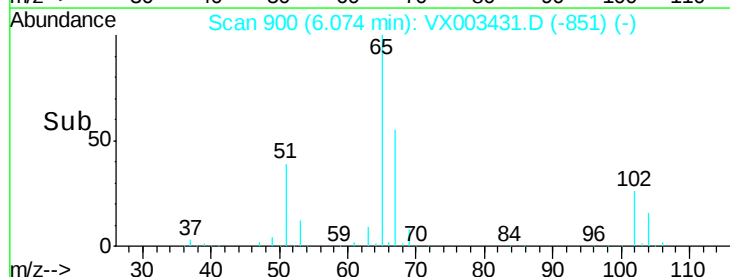
5.90

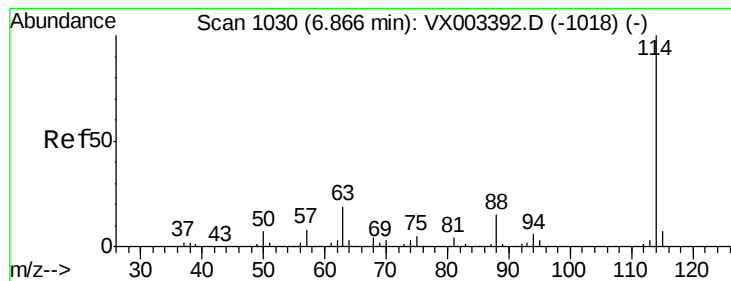
6.00

6.10

6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003431.D

Acq: 17 Jul 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-B

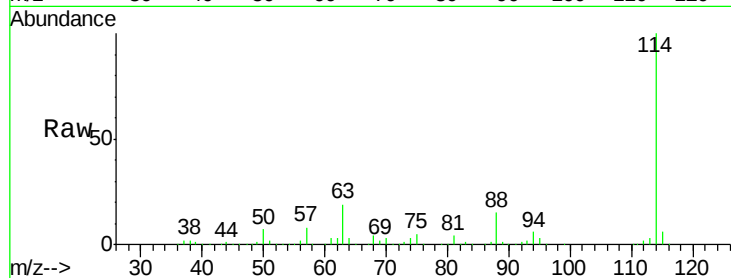
Tot Ion:114 Resp: 410616

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

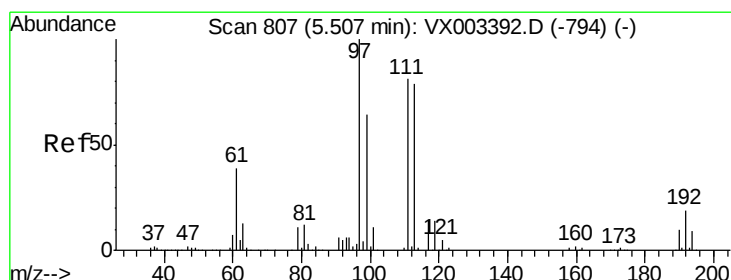
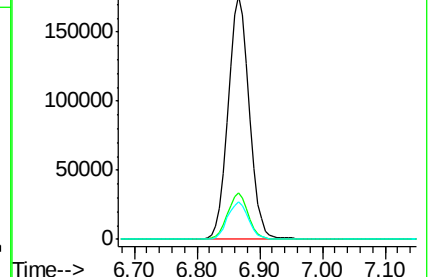
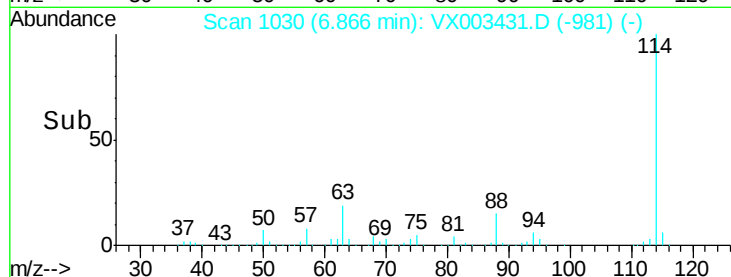
88 15.2 0.0 30.0



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: 46.28 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003431.D

Acq: 17 Jul 2018 16:47

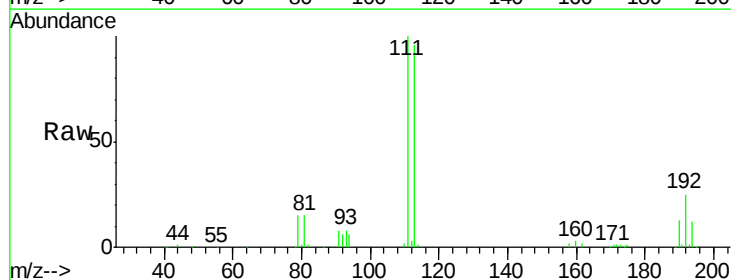
Tgt Ion:113 Resp: 153766

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

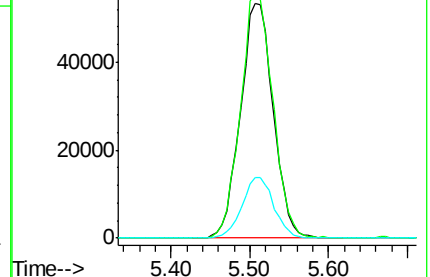
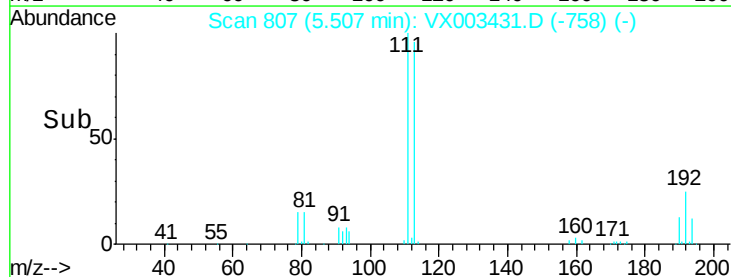
192 25.2 19.1 28.7

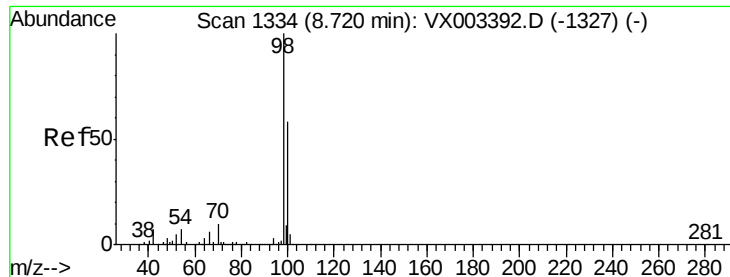


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

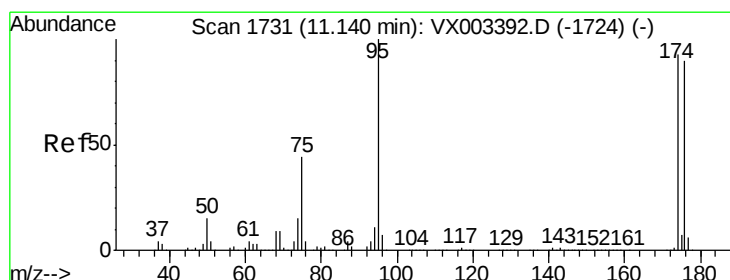
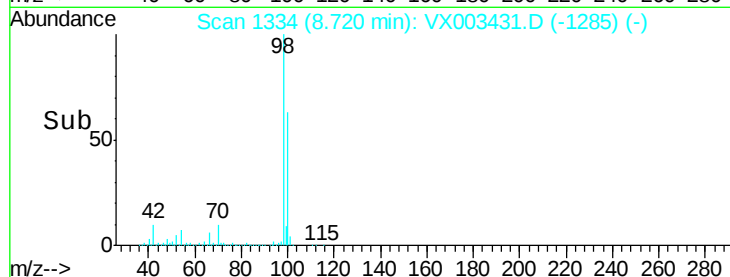
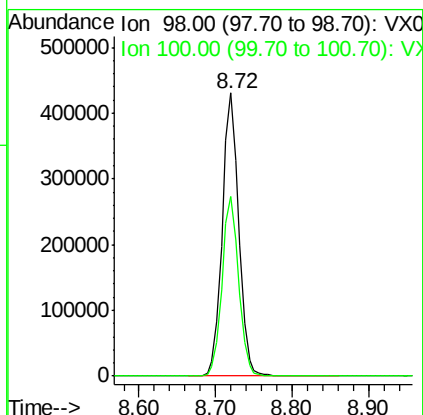
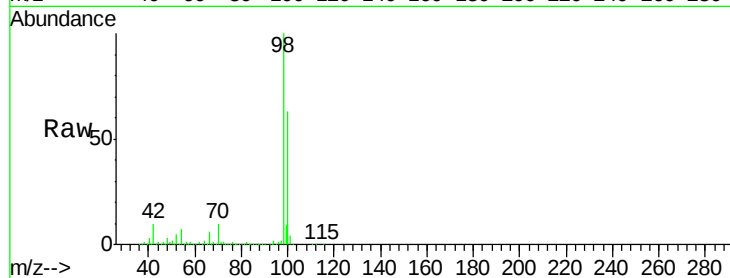




#50
Toluene-d8
Concen: 52.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003431.D
Acq: 17 Jul 2018 16:47

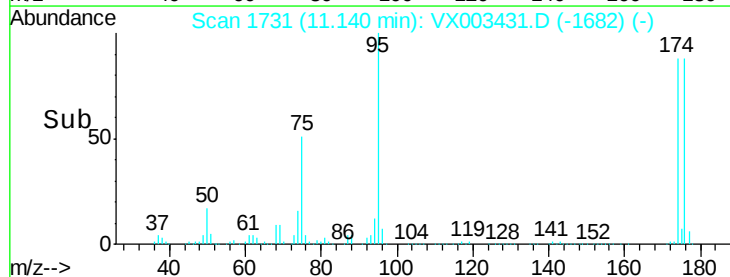
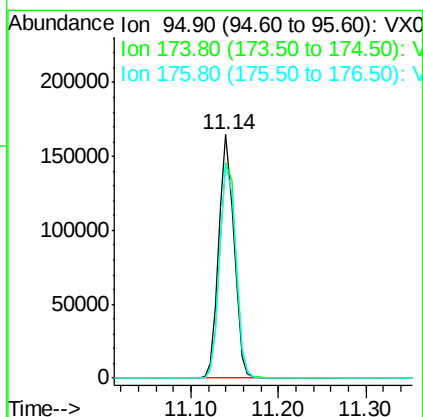
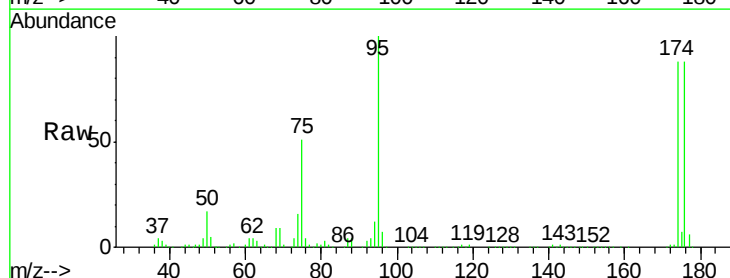
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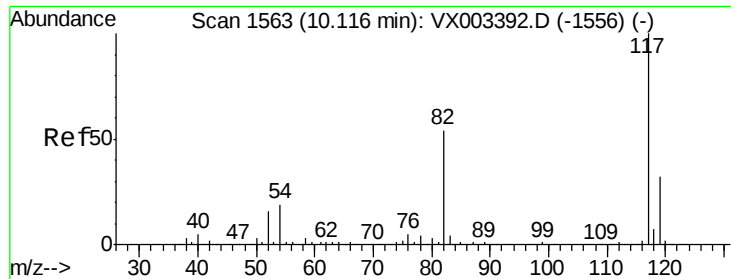
Tot Ion: 98 Resp: 642406
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003431.D
Acq: 17 Jul 2018 16:47

Tgt Ion: 95 Resp: 197250
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.4
176 93.3 0.0 181.0

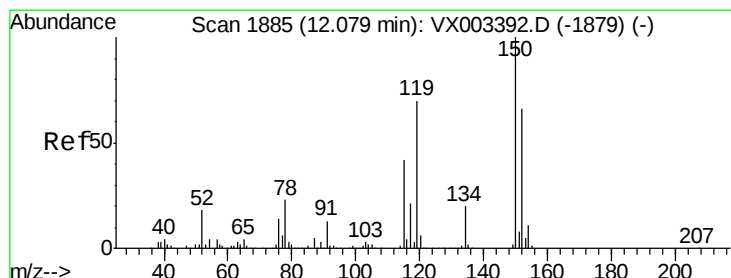
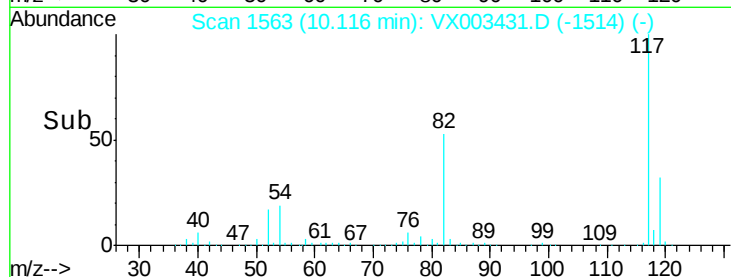
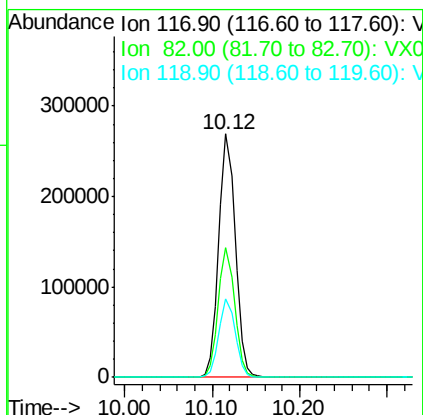
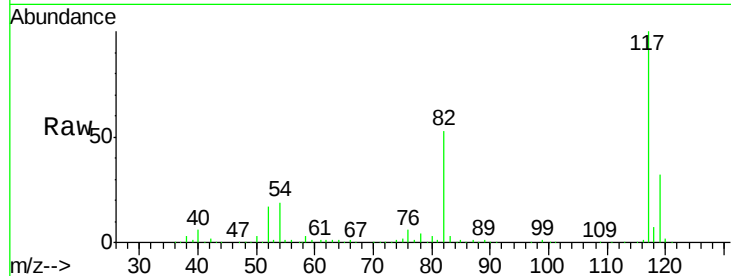




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003431.D
Acq: 17 Jul 2018 16:47

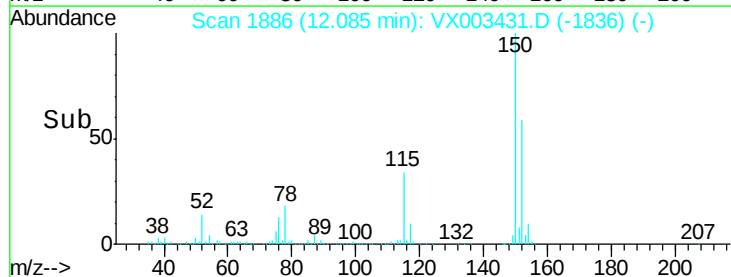
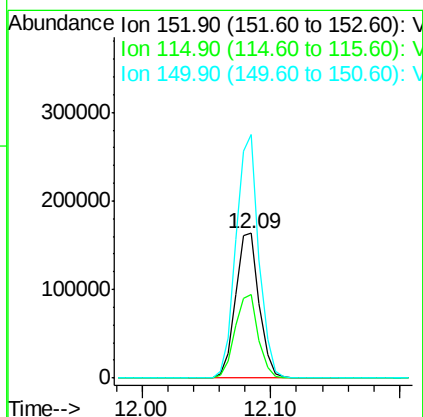
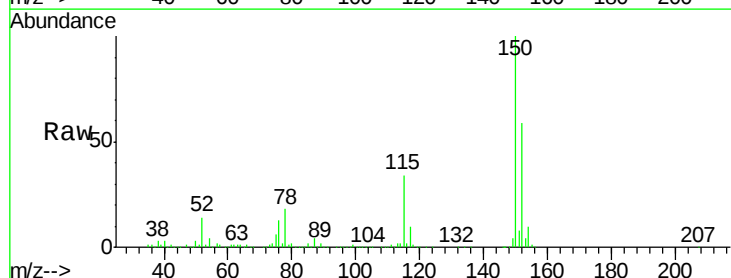
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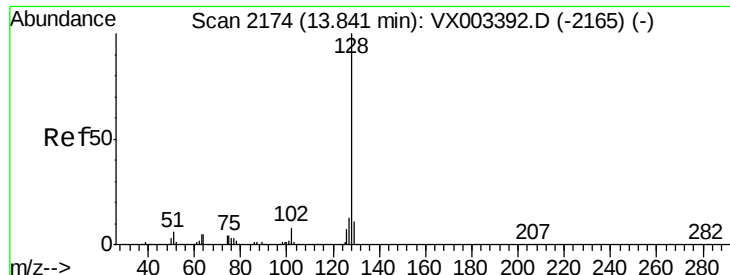
Tot Ion:117 Resp: 353365
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003431.D
Acq: 17 Jul 2018 16:47

Tgt Ion:152 Resp: 209299
Ion Ratio Lower Upper
152 100
115 56.9 40.1 120.2
150 162.9 0.0 347.2





#95
Naphthalene
Concen: 12.92 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003431.D
Acq: 17 Jul 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0

