

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003432.D
 Acq On : 17 Jul 2018 17:14
 Operator : JC/MD
 Sample : J3819-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 18 01:43:49 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	300680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	437503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245098	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	179278	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
35) Dibromofluoromethane	5.51	113	165399	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	8.72	98	717523	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
62) 4-Bromofluorobenzene	11.14	95	222376	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	

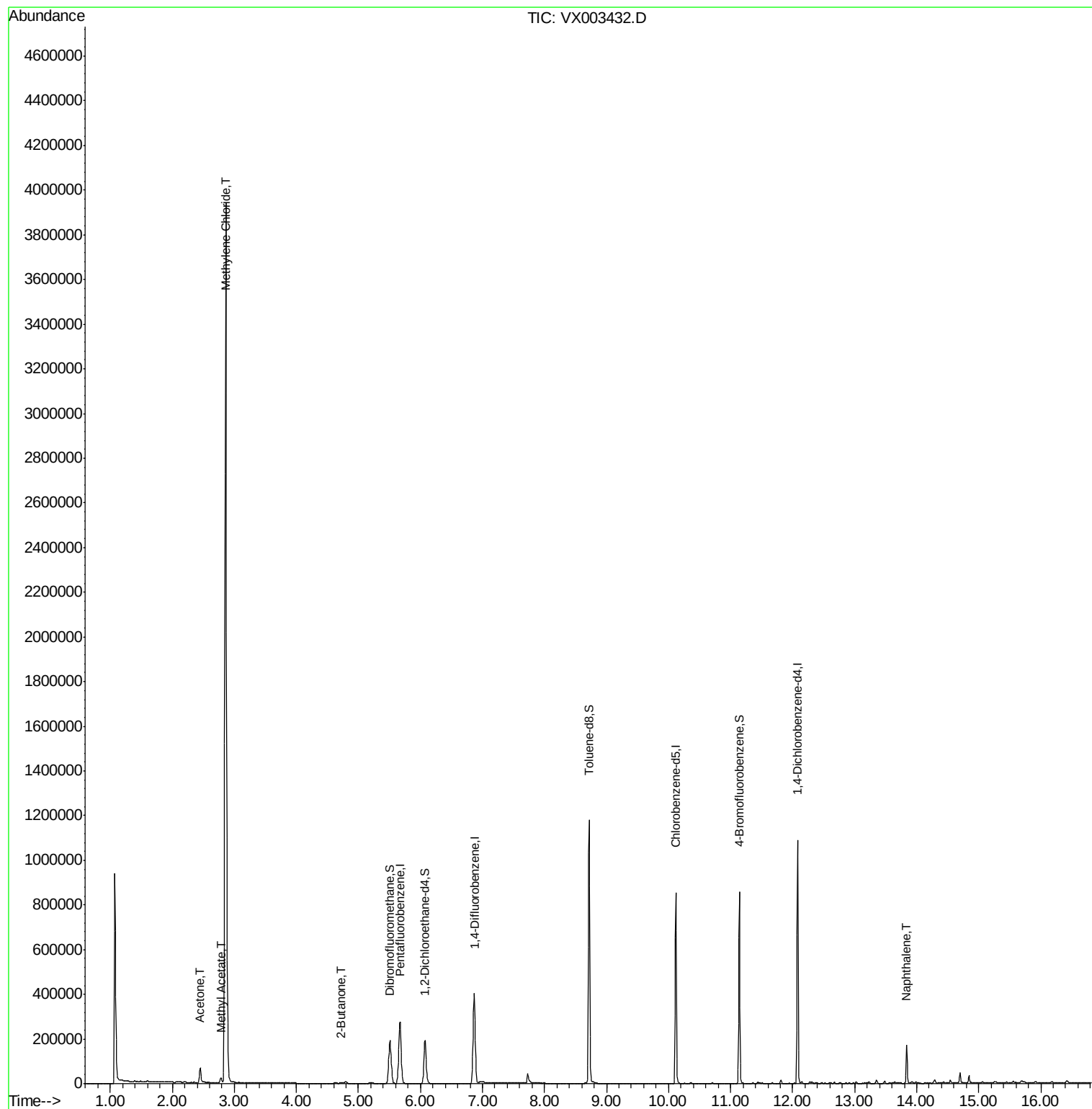
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	71611	43.72	ug/l	# 85
18) Methyl Acetate	2.78	43	25777	4.83	ug/l	93
20) Methylene Chloride	2.86	84	1893406	365.72	ug/l	88
25) 2-Butanone	4.72	43	5752	2.24	ug/l	97
95) Naphthalene	13.84	128	110530	6.88	ug/l	100

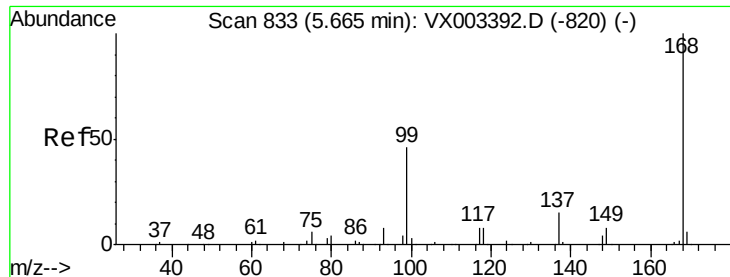
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003432.D

Acq: 17 Jul 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

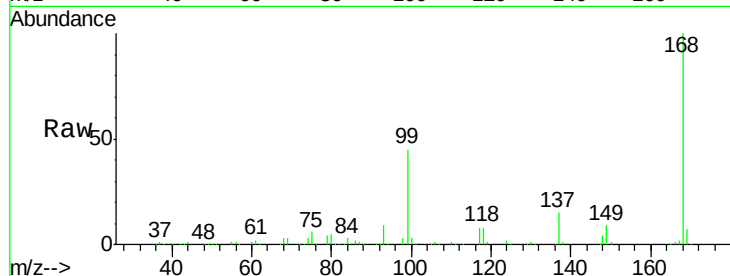
AU-05-071318-C

Tot Ion:168 Resp: 300680

Ion Ratio Lower Upper

168 100

99 45.0 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

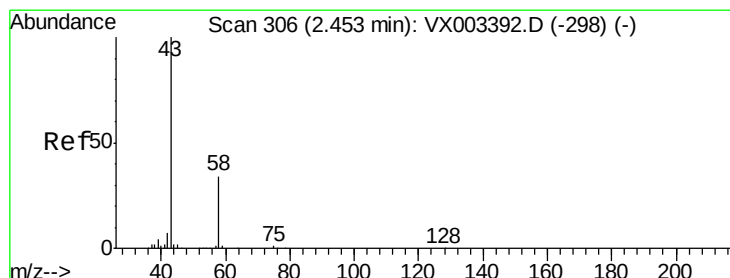
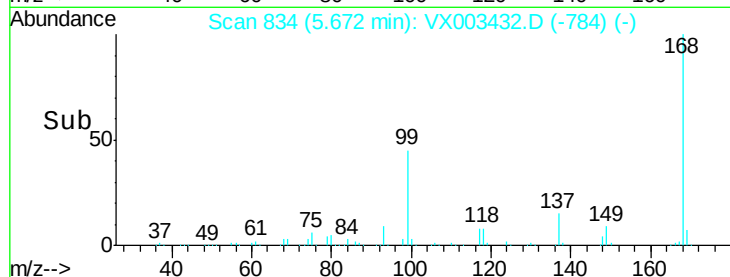
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 43.72 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003432.D

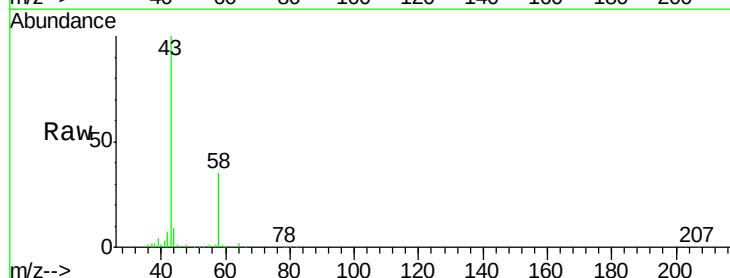
Acq: 17 Jul 2018 17:14

Tgt Ion: 43 Resp: 71611

Ion Ratio Lower Upper

43 100

58 35.5 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

50000

40000

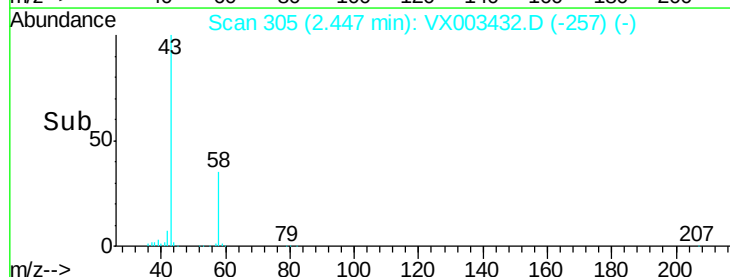
30000

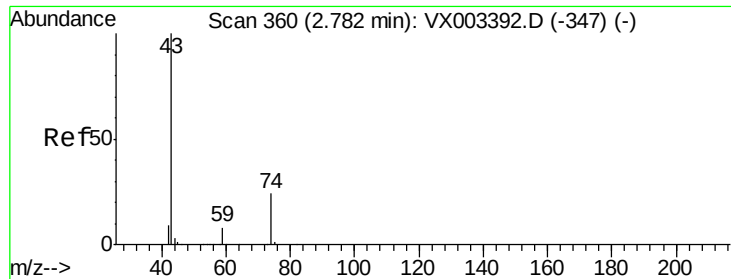
20000

10000

0

Time--> 2.40 2.50 2.60

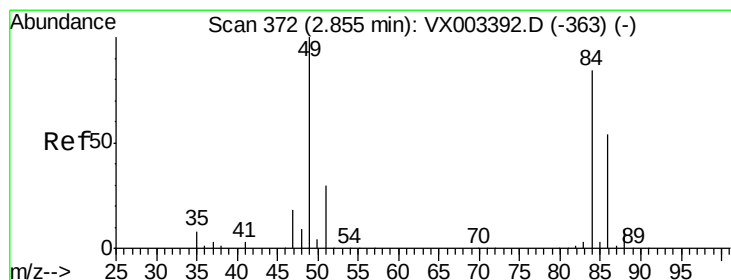
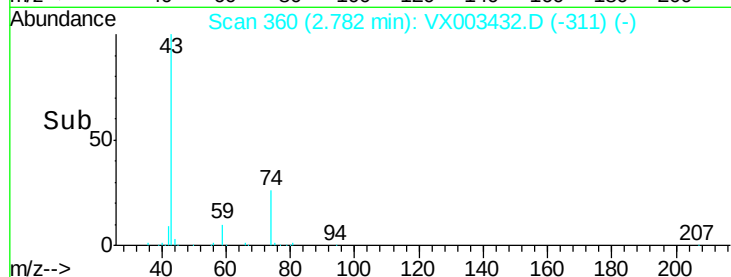
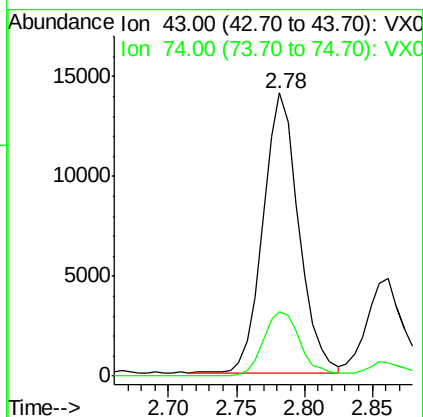
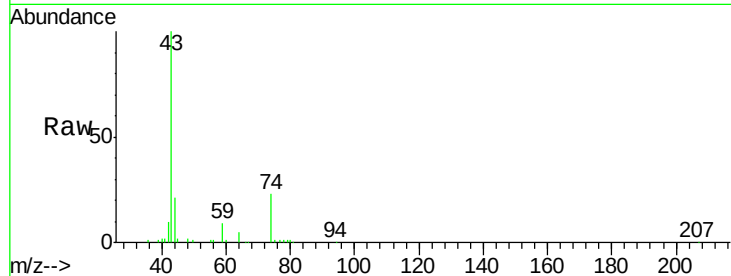




#18
Methvl Acetate
Concen: 4.83 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003432.D
Acq: 17 Jul 2018 17:14

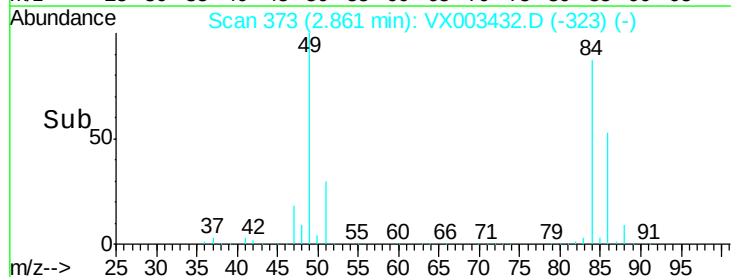
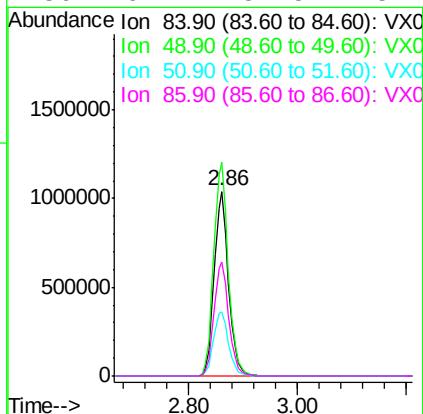
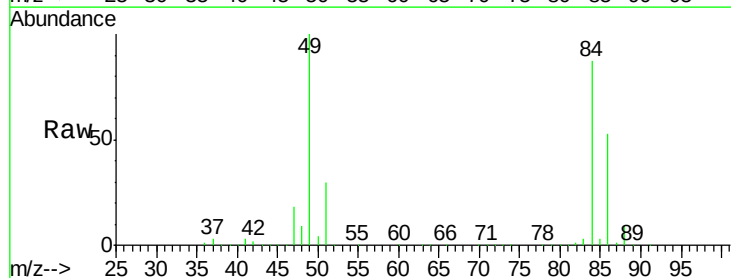
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-C

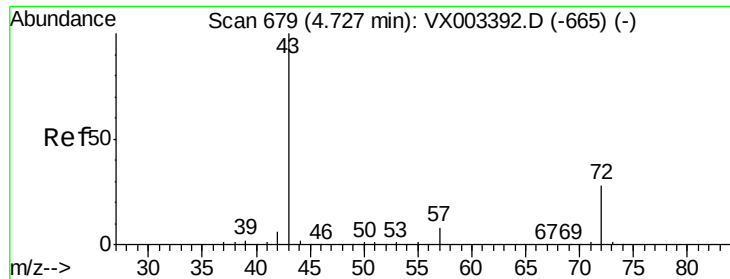
Tot Ion: 43 Resp: 25777
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1



#20
Methylene Chloride
Concen: 365.72 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003432.D
Acq: 17 Jul 2018 17:14

Tgt Ion: 84 Resp: 1893406
Ion Ratio Lower Upper
84 100
49 115.5 107.8 161.6
51 34.6 32.8 49.2
86 61.4 52.5 78.7





#25

2-Butanone

Concen: 2.24 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX003432.D

Acq: 17 Jul 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

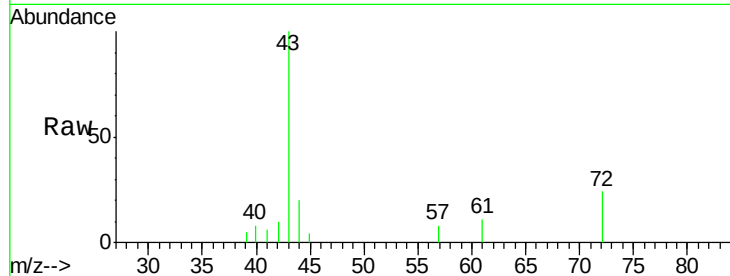
AU-05-071318-C

Tot Ion: 43 Resp: 5752

Ion Ratio Lower Upper

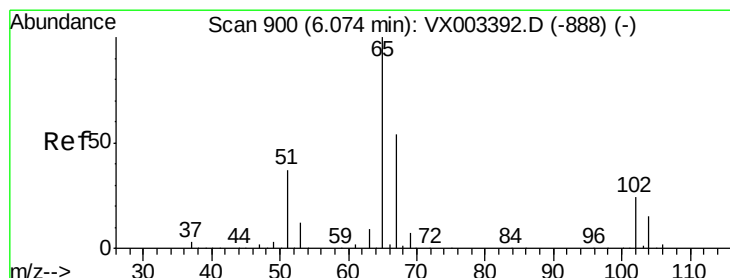
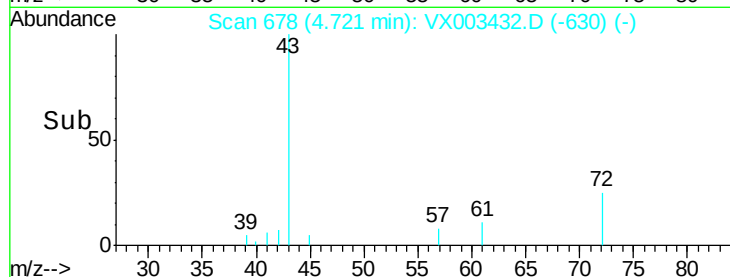
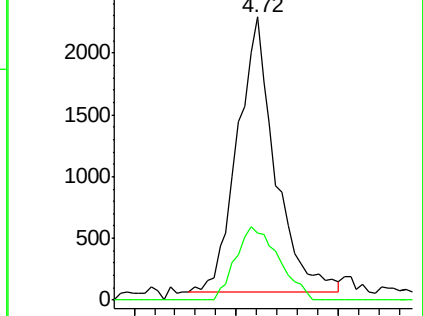
43 100

72 24.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.53 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003432.D

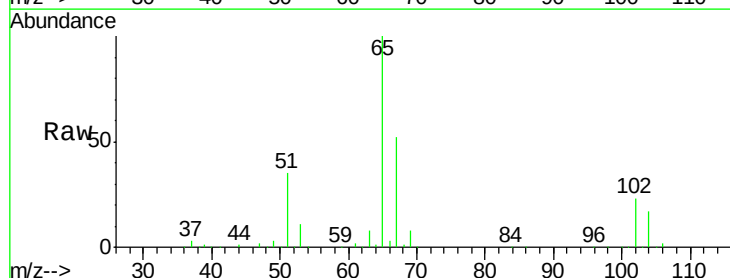
Acq: 17 Jul 2018 17:14

Tgt Ion: 65 Resp: 179278

Ion Ratio Lower Upper

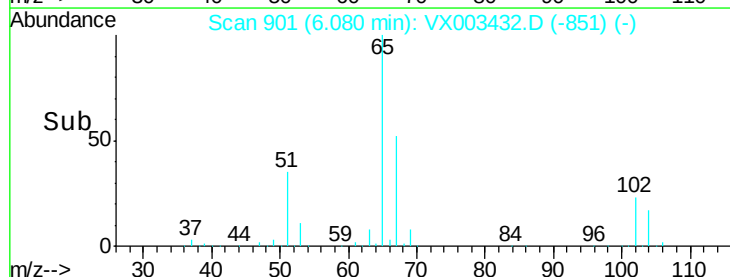
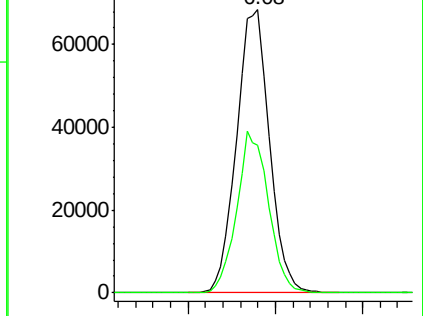
65 100

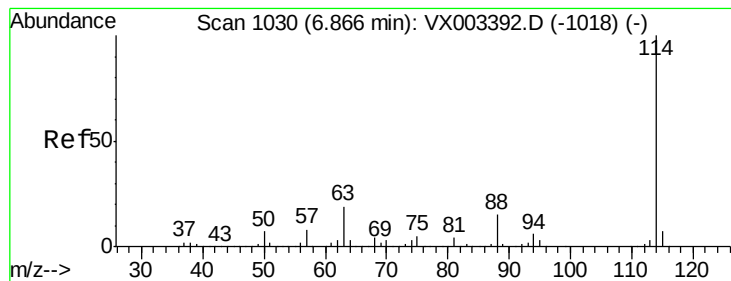
67 54.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003432.D

Acq: 17 Jul 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-C

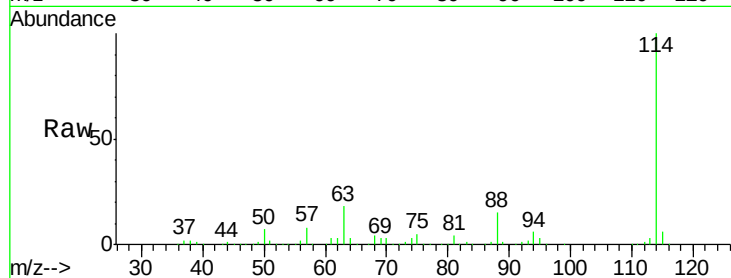
Tot Ion:114 Resp: 437503

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.4

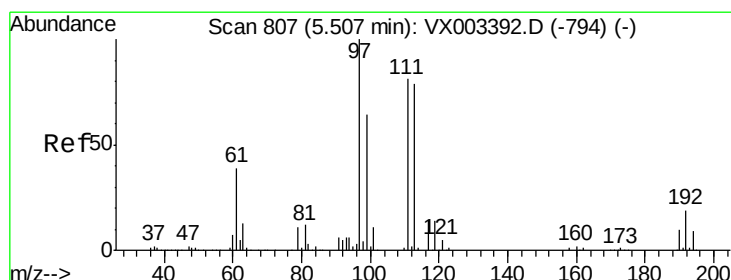
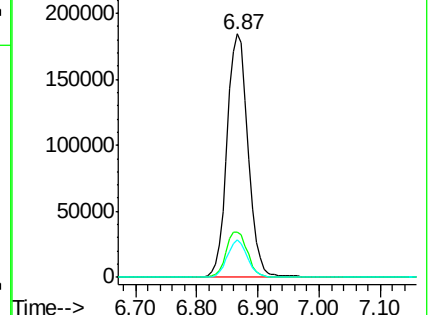
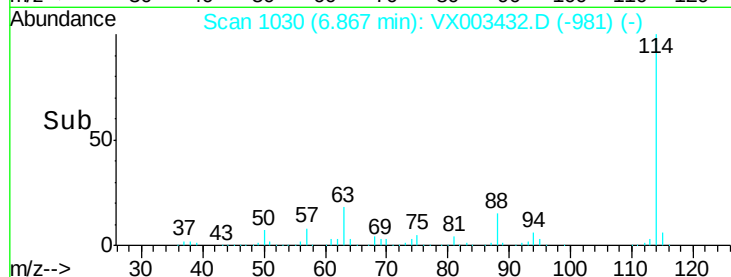
88 15.2 0.0 30.0



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: 46.72 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003432.D

Acq: 17 Jul 2018 17:14

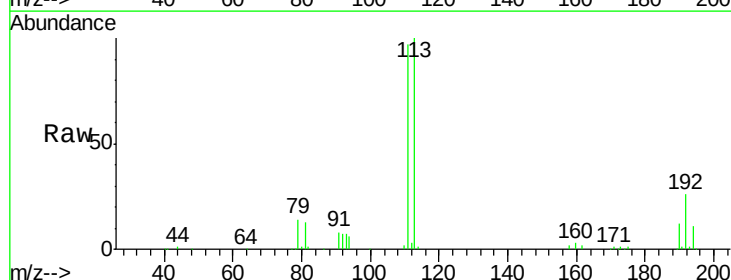
Tgt Ion:113 Resp: 165399

Ion Ratio Lower Upper

113 100

111 99.7 81.4 122.0

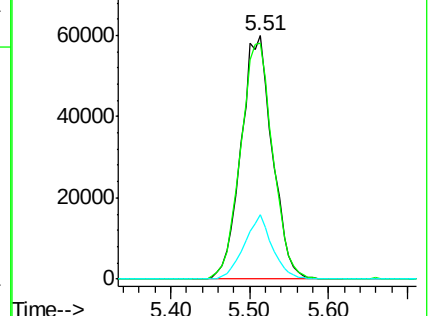
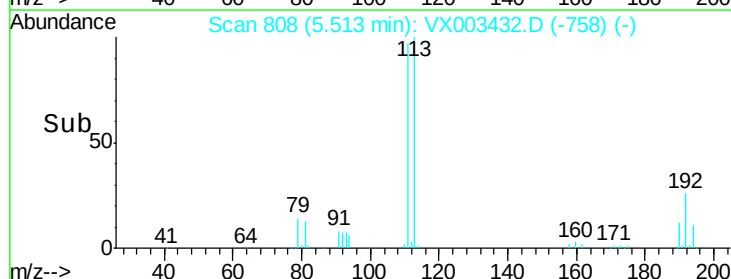
192 23.7 19.1 28.7

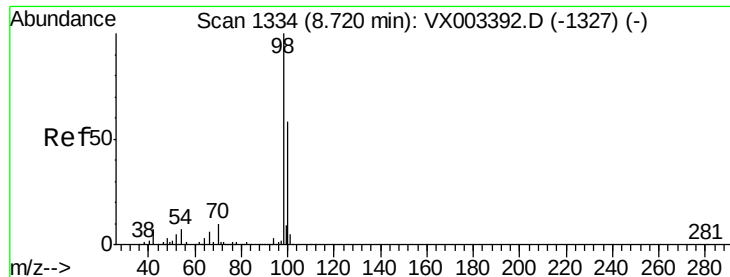


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

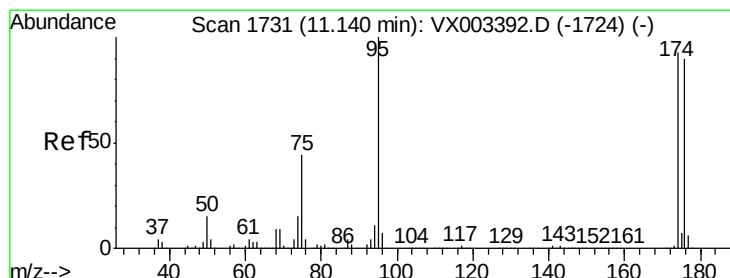
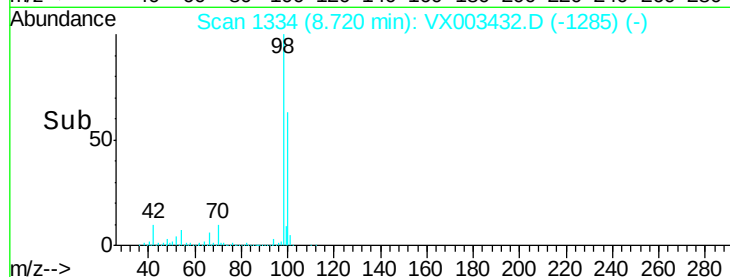
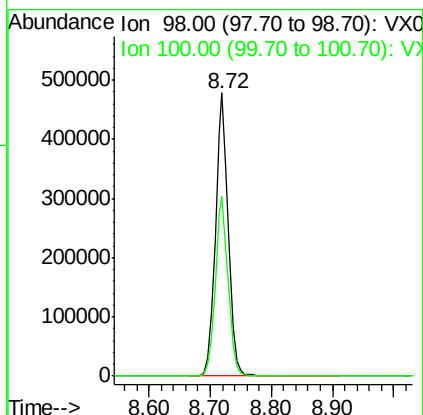
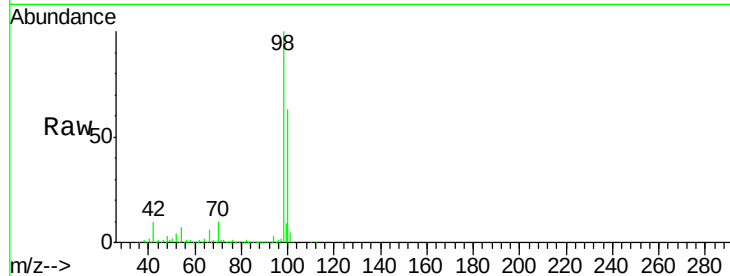




#50
Toluene-d8
Concen: 54.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003432.D
Acq: 17 Jul 2018 17:14

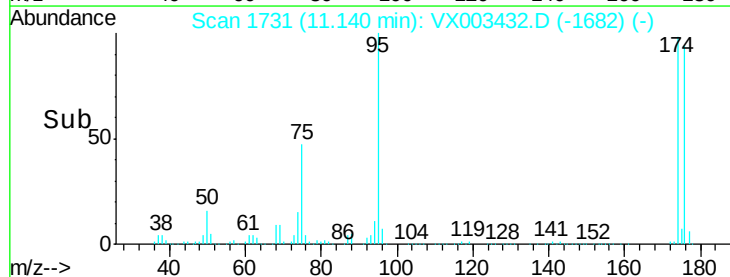
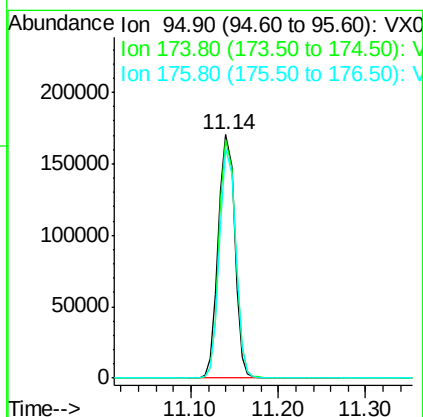
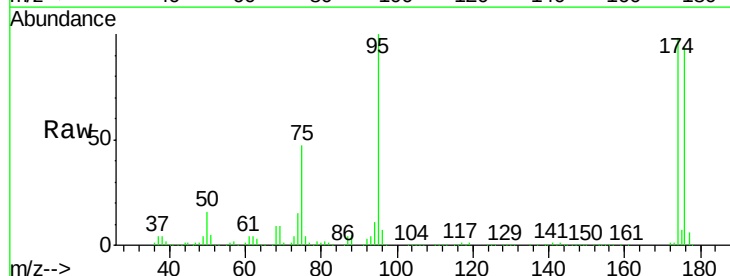
Instrument :
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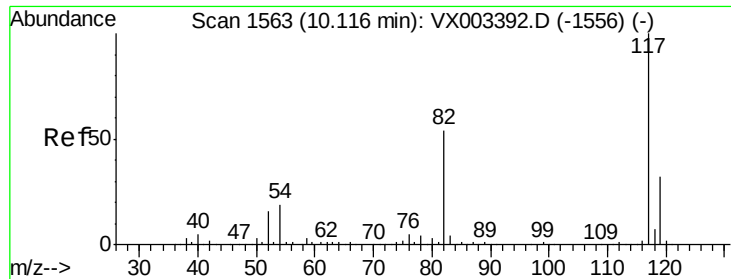
Tot Ion: 98 Resp: 717523
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003432.D
Acq: 17 Jul 2018 17:14

Tgt Ion: 95 Resp: 222376
Ion Ratio Lower Upper
95 100
174 97.1 0.0 187.4
176 93.0 0.0 181.0

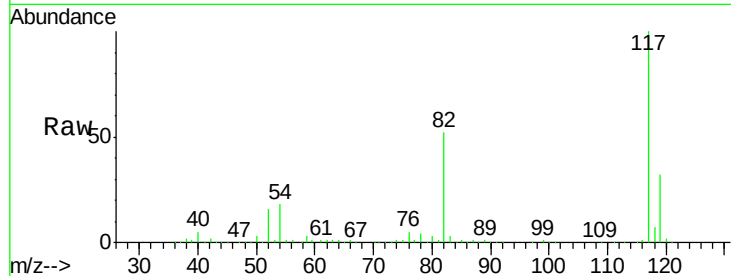




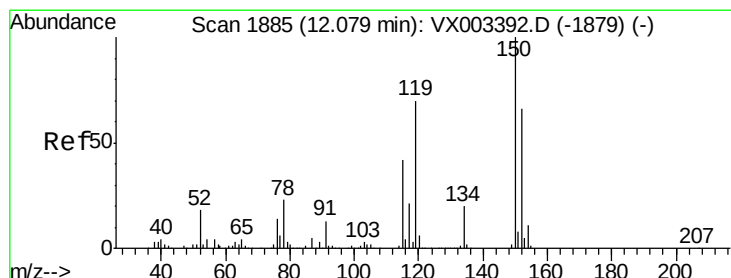
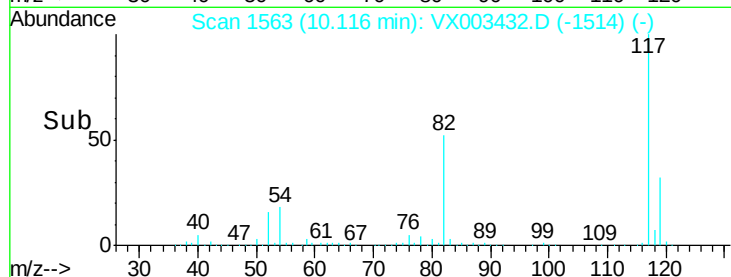
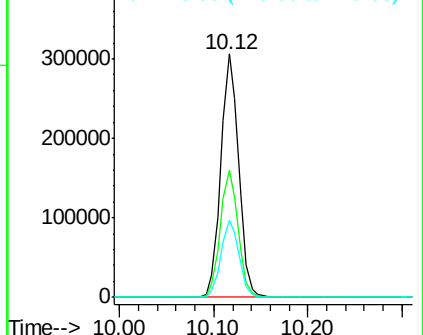
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003432.D
Acq: 17 Jul 2018 17:14

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

Tot Ion:117 Resp: 403119
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 31.9 25.8 38.6

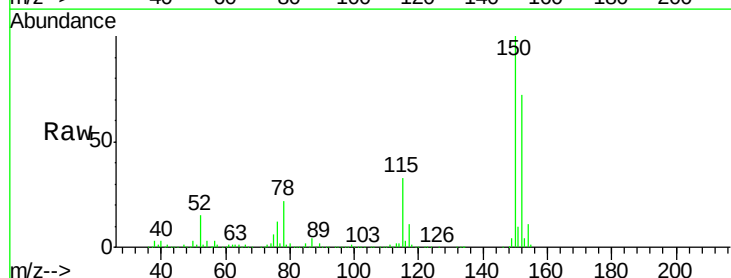


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

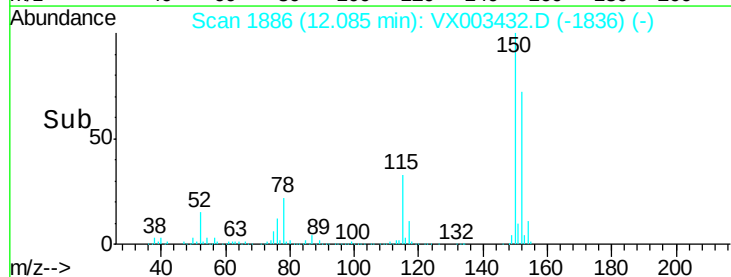
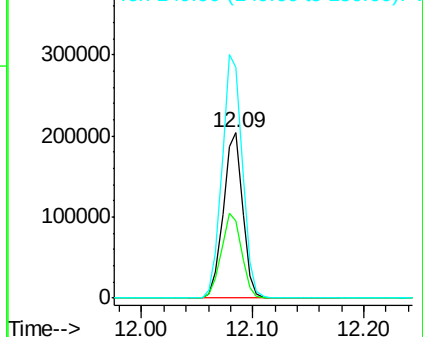


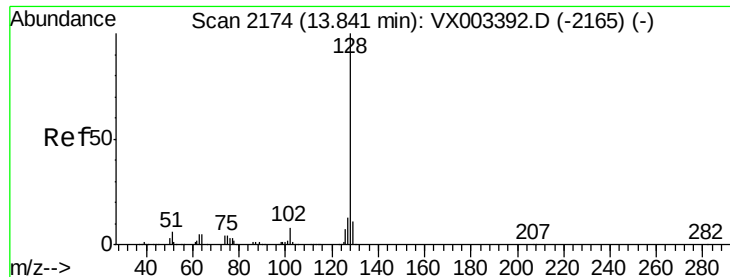
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003432.D
Acq: 17 Jul 2018 17:14

Tgt Ion:152 Resp: 245098
Ion Ratio Lower Upper
152 100
115 53.4 40.1 120.2
150 154.3 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: 6.88 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003432.D
Acq: 17 Jul 2018 17:14

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0

