

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003433.D
 Acq On : 17 Jul 2018 17:41
 Operator : JC/MD
 Sample : J3819-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 18 01:52:47 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

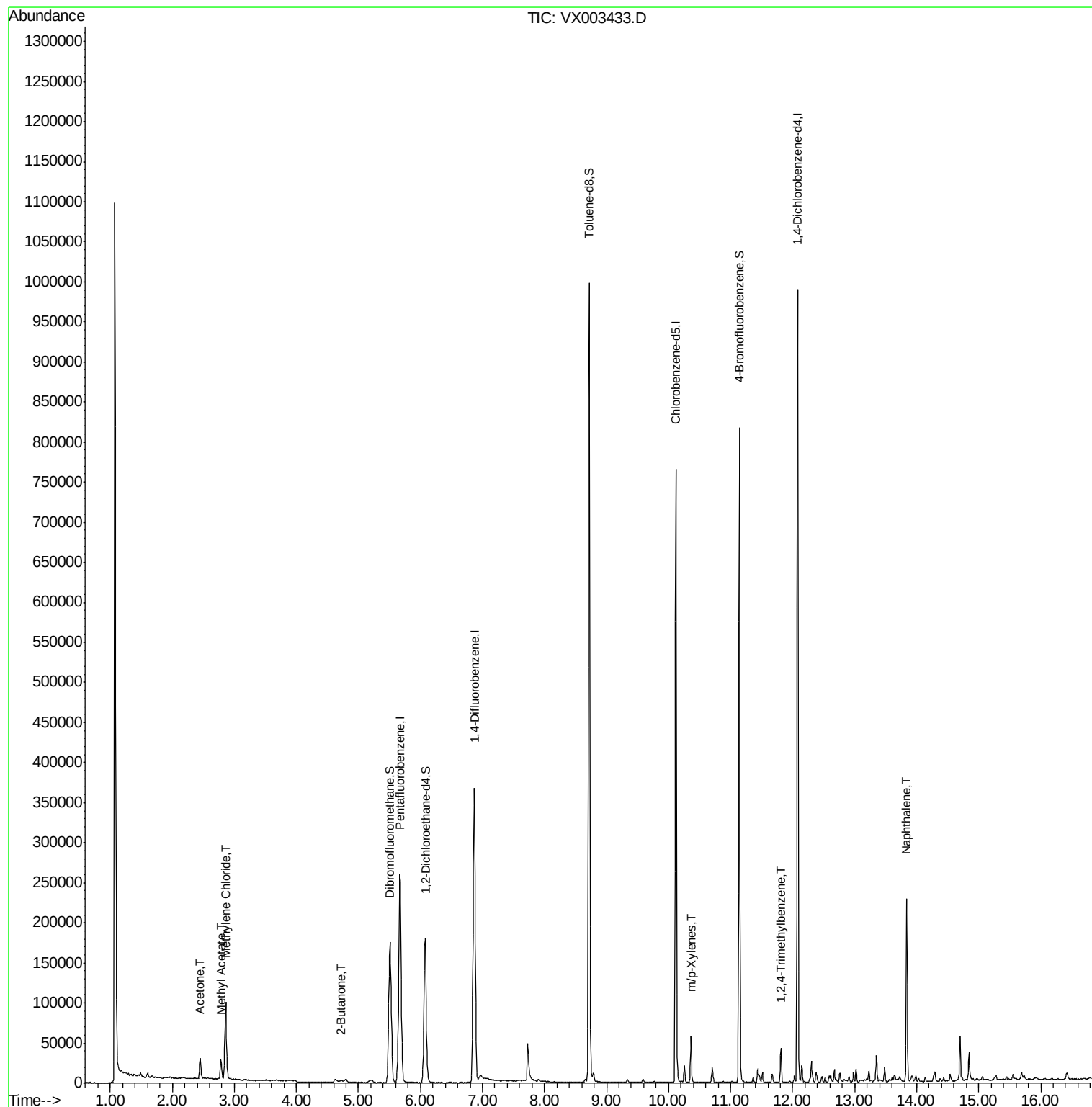
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	170987	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
35) Dibromofluoromethane	5.51	113	150618	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	8.72	98	600706	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	203343	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
16) Acetone	2.45	43	28321	19.22	ug/l	91
18) Methyl Acetate	2.78	43	28371	5.91	ug/l	97
20) Methylene Chloride	2.86	84	45976	15.83	ug/l	90
25) 2-Butanone	4.72	43	5828	2.53	ug/l	97
68) m/p-Xylenes	10.36	106	12959	2.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	18483	1.63	ug/l	99
95) Naphthalene	13.83	128	147418	10.65	ug/l	100

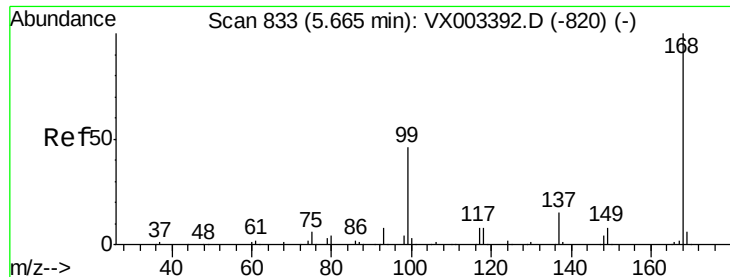
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

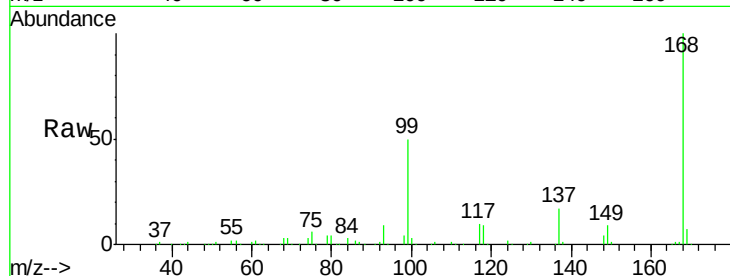
AU-05-071318-D

Tot Ion:168 Resp: 270523

Ion Ratio Lower Upper

168 100

99 50.3 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

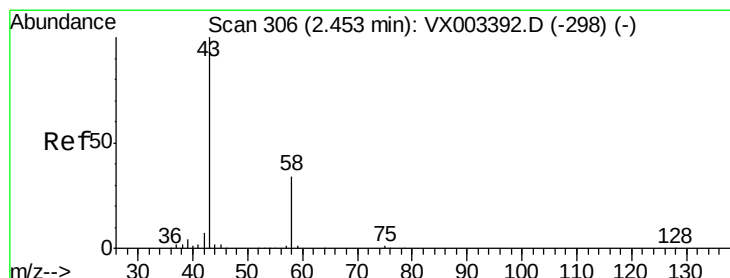
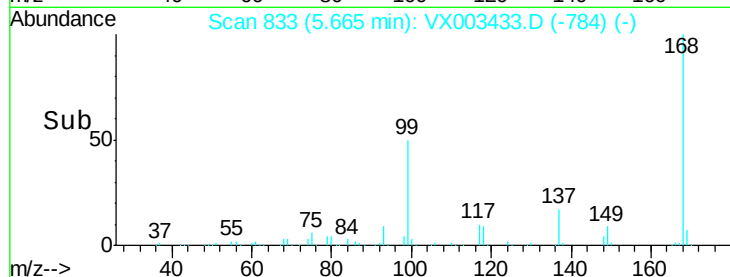
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 19.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003433.D

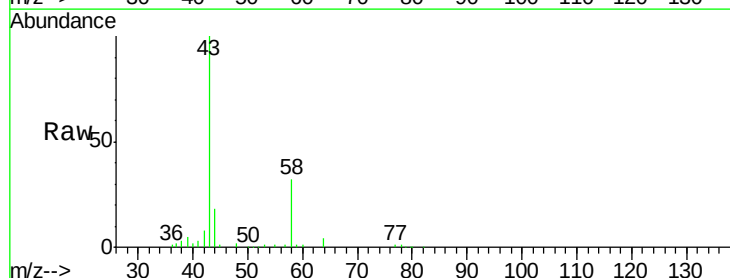
Acq: 17 Jul 2018 17:41

Tgt Ion: 43 Resp: 28321

Ion Ratio Lower Upper

43 100

58 32.2 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

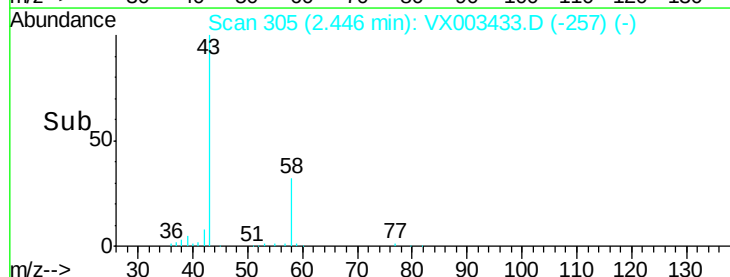
15000

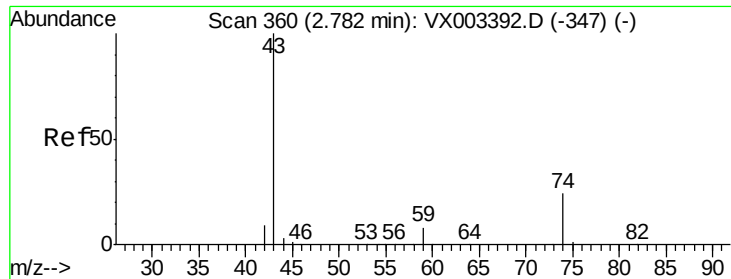
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

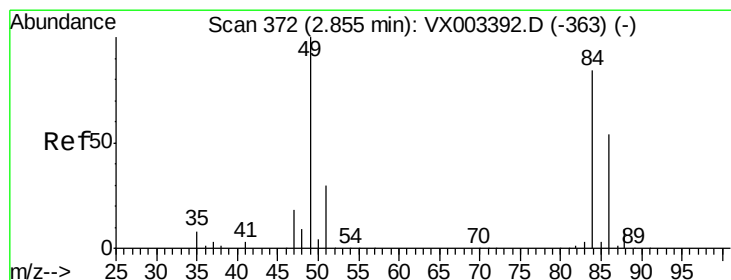
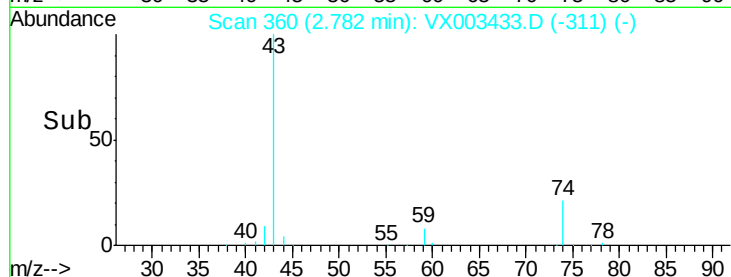
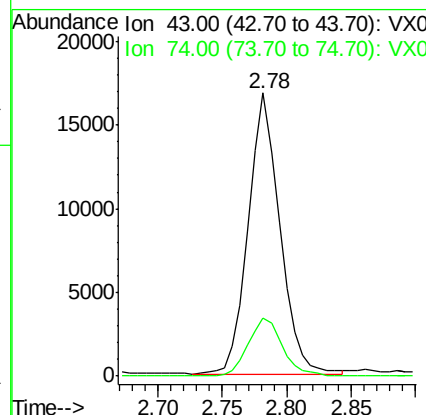
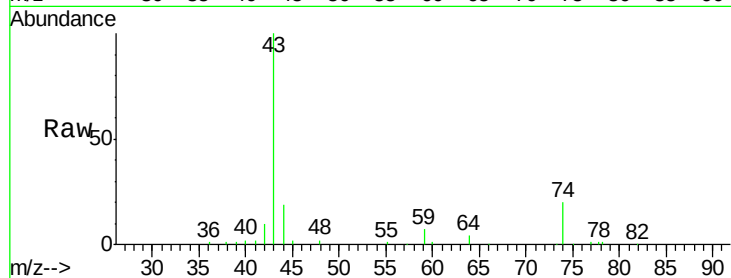




#18
Methvl Acetate
Concen: 5.91 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

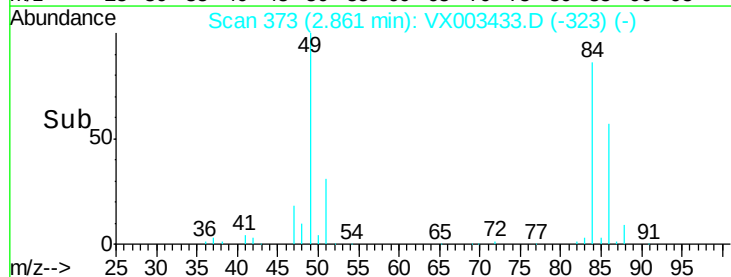
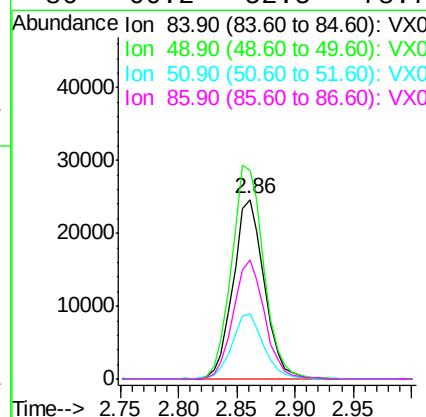
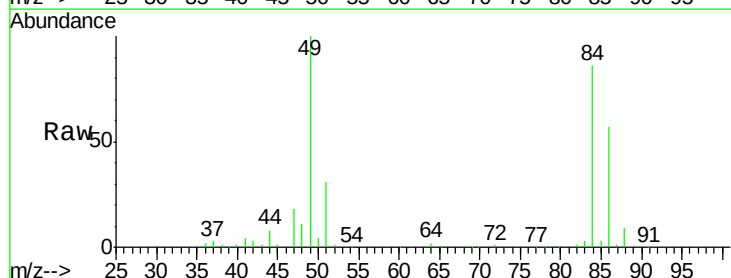
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-D

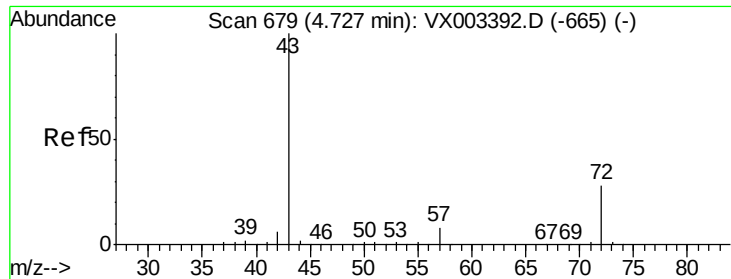
Tot Ion: 43 Resp: 28371
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1



#20
Methylene Chloride
Concen: 15.83 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

Tgt Ion: 84 Resp: 45976
Ion Ratio Lower Upper
84 100
49 116.1 107.8 161.6
51 36.3 32.8 49.2
86 66.2 52.5 78.7





#25

2-Butanone

Concen: 2.53 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

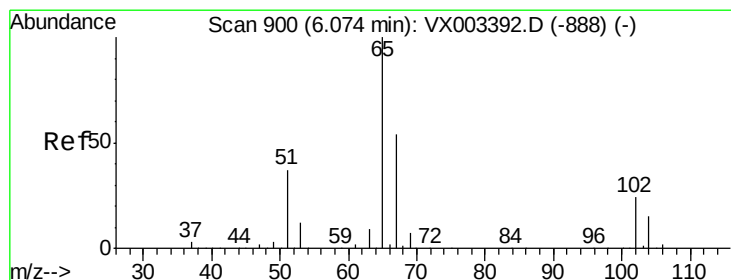
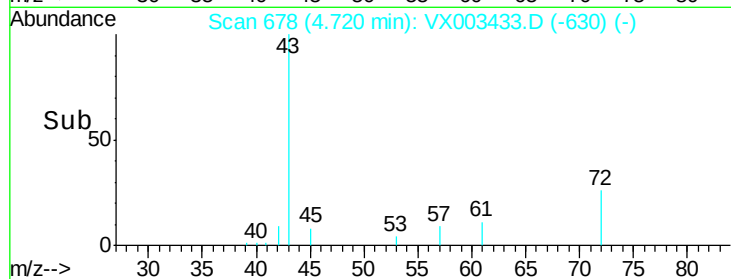
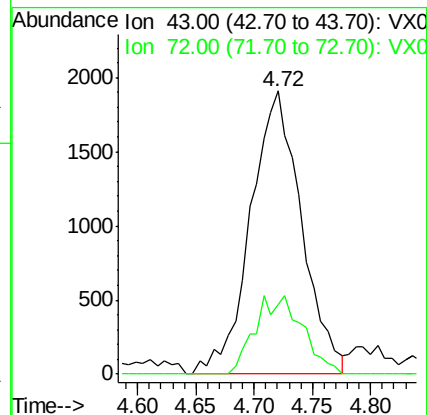
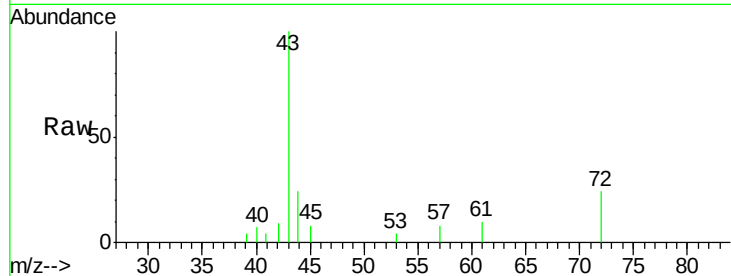
AU-05-071318-D

Tot Ion: 43 Resp: 5828

Ion Ratio Lower Upper

43 100

72 24.5 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 48.26 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003433.D

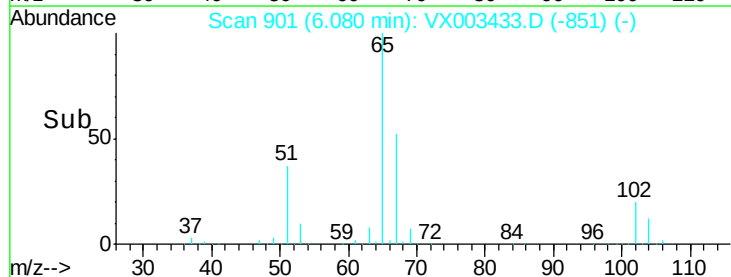
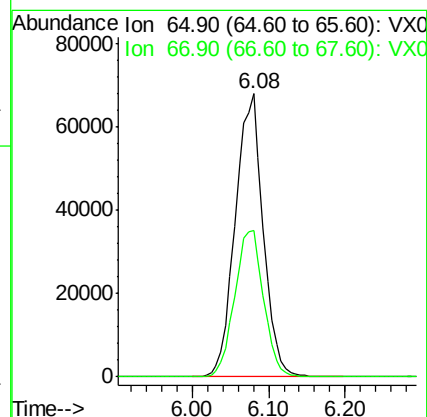
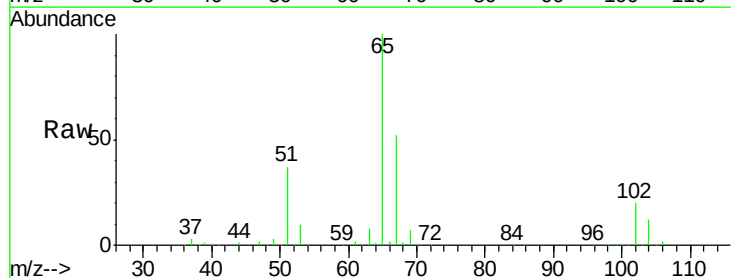
Acq: 17 Jul 2018 17:41

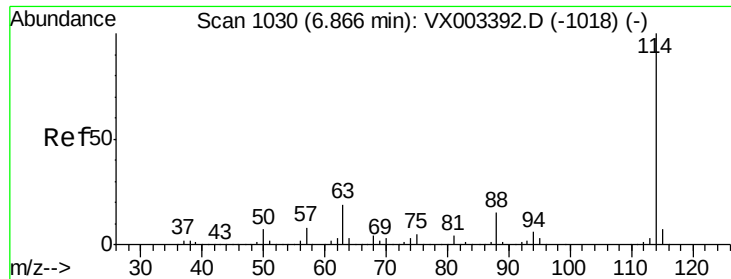
Tgt Ion: 65 Resp: 170987

Ion Ratio Lower Upper

65 100

67 53.8 0.0 102.6

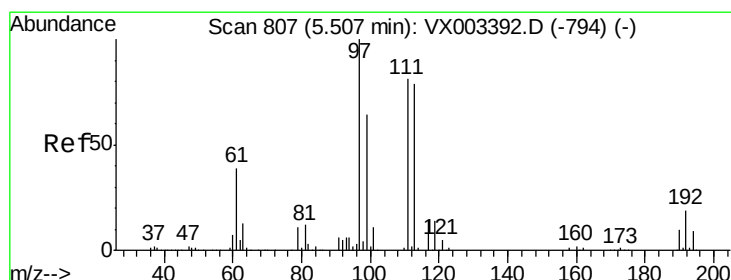
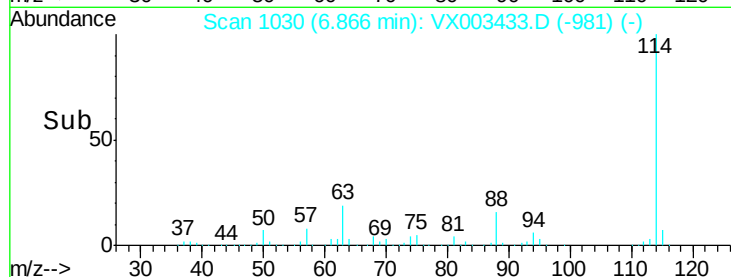
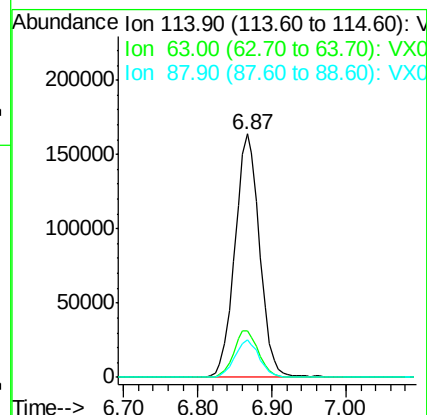
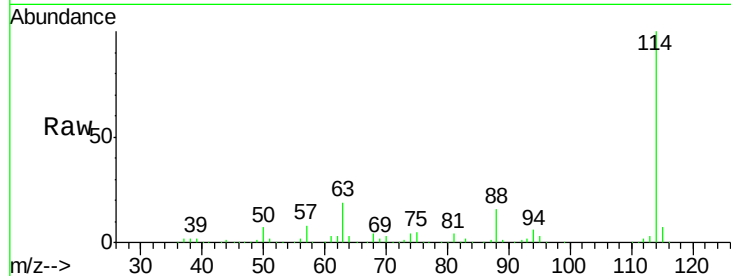




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003433.D
 Acq: 17 Jul 2018 17:41

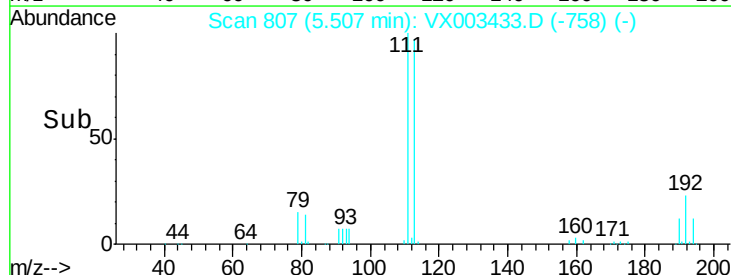
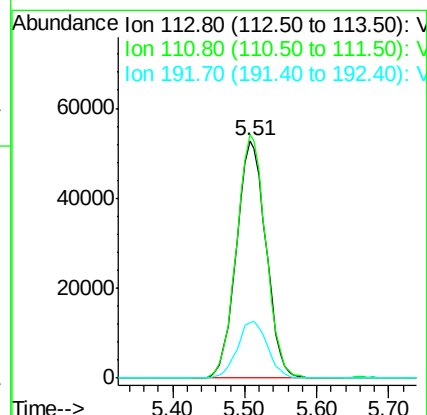
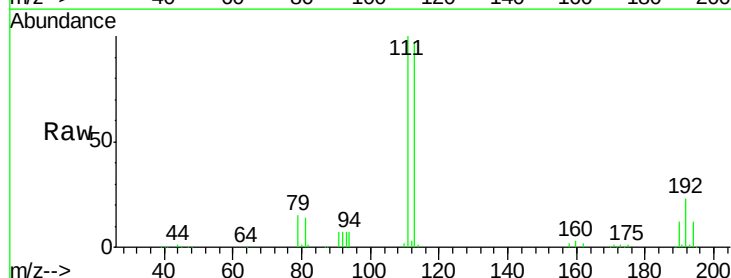
Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-071318-D

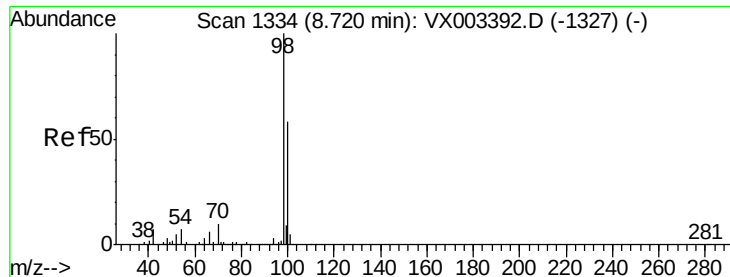
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.4
88	15.6	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003433.D
 Acq: 17 Jul 2018 17:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	24.1	19.1	28.7

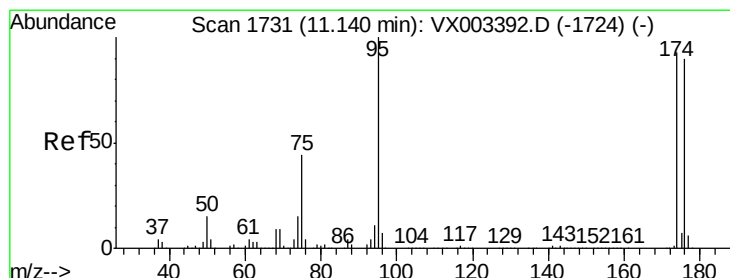
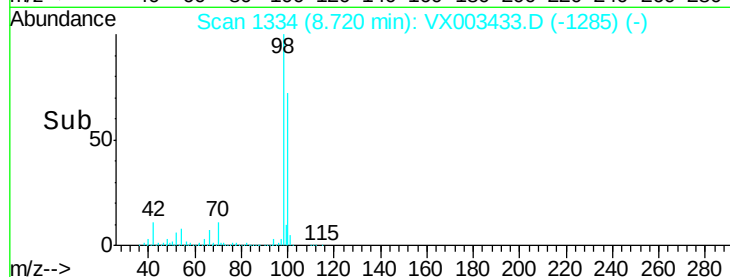
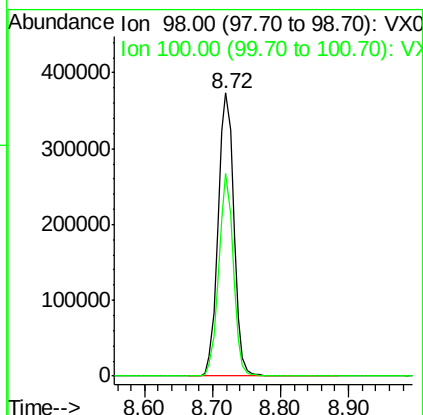
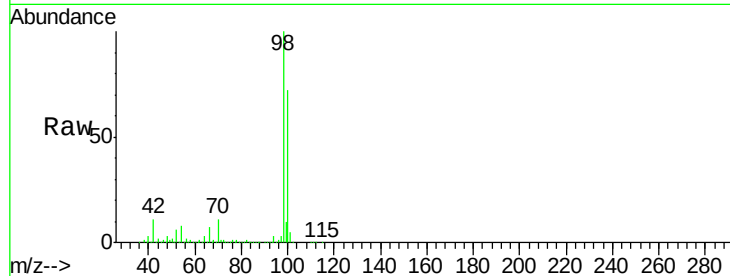




#50
Toluene-d8
Concen: 52.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

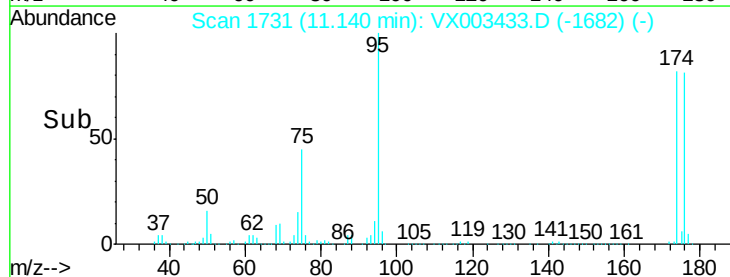
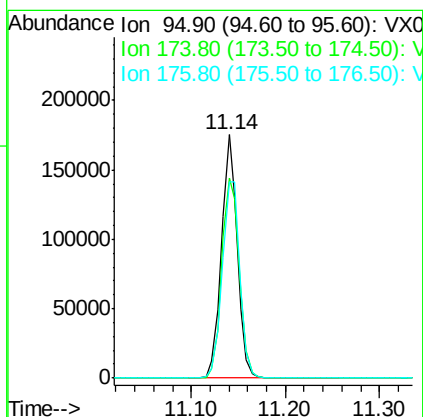
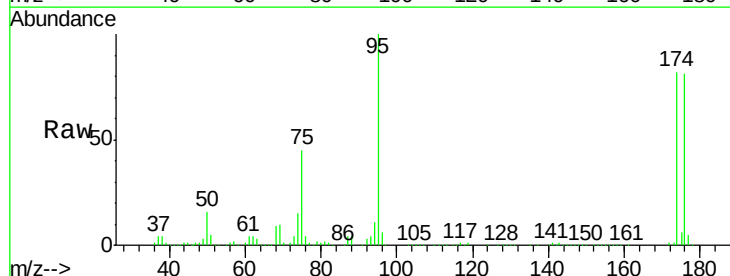
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-D

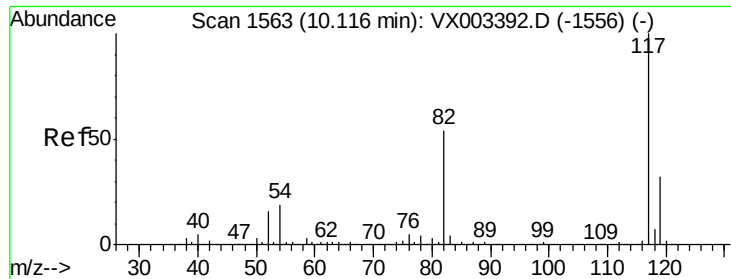
Tot Ion: 98 Resp: 600706
Ion Ratio Lower Upper
98 100
100 65.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

Tgt Ion: 95 Resp: 203343
Ion Ratio Lower Upper
95 100
174 91.3 0.0 187.4
176 90.3 0.0 181.0

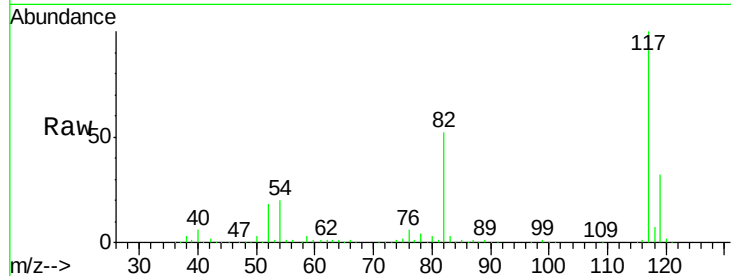




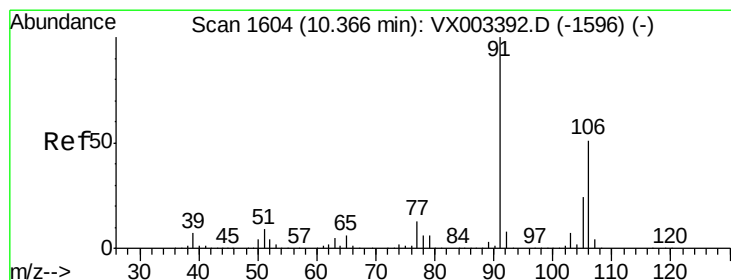
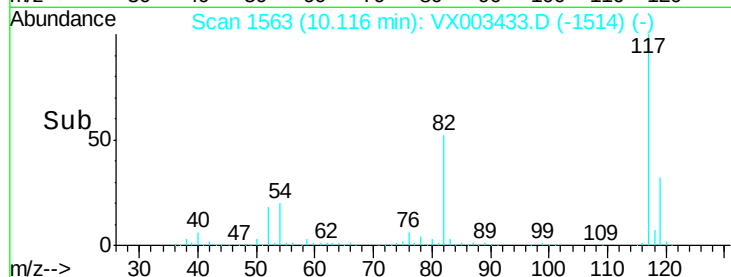
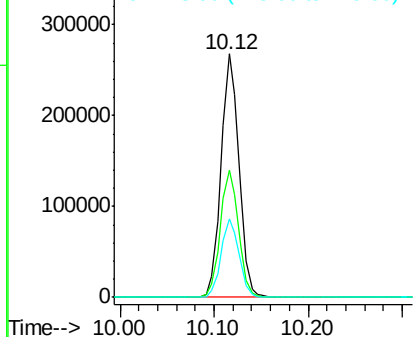
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

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

Tot Ion:117 Resp: 353738
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.1 25.8 38.6

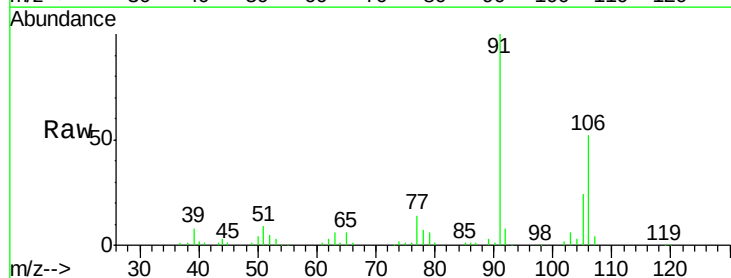


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

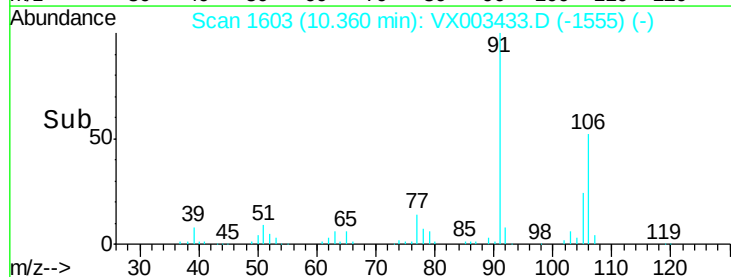
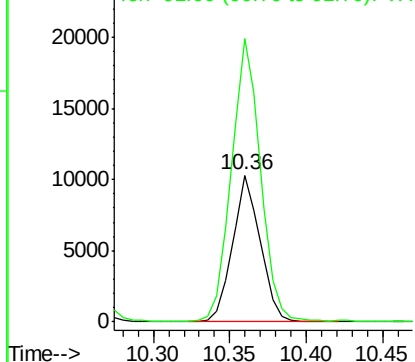


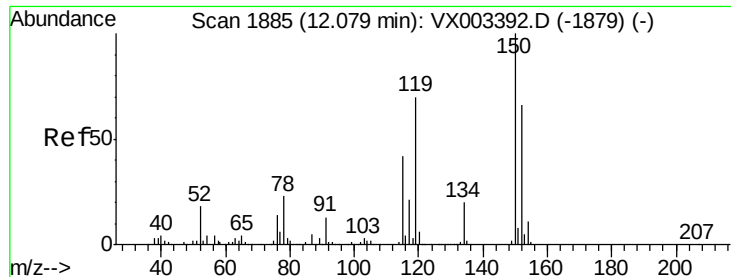
#68
m/p-Xylenes
Concen: 2.45 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

Tgt Ion:106 Resp: 12959
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-D

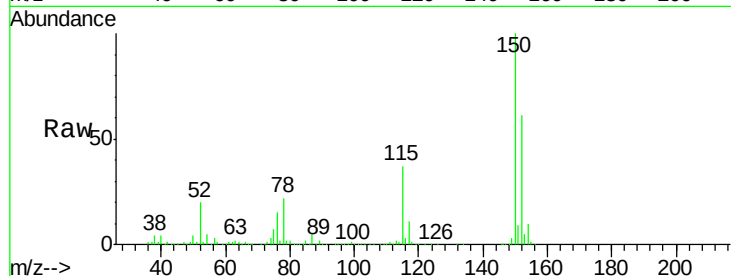
Tot Ion:152 Resp: 211216

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.2

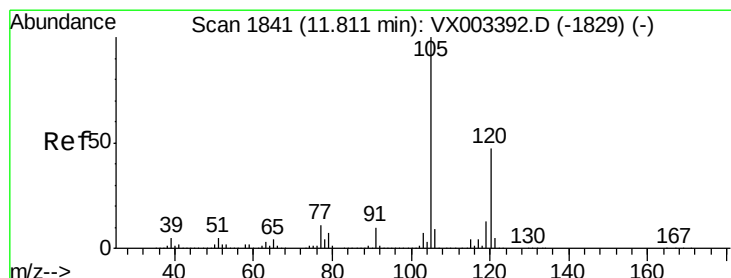
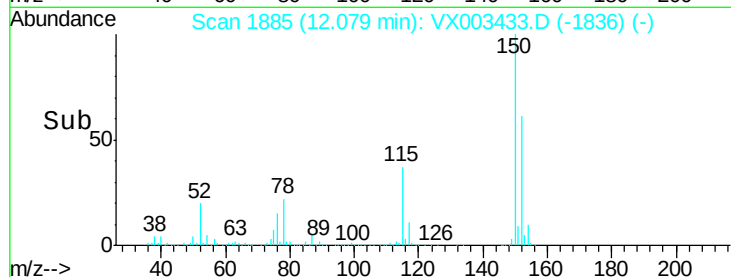
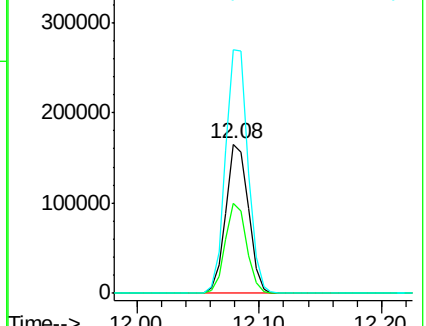
150 162.1 0.0 347.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.63 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003433.D

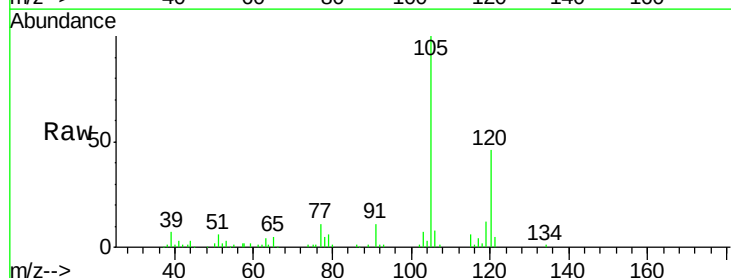
Acq: 17 Jul 2018 17:41

Tgt Ion:105 Resp: 18483

Ion Ratio Lower Upper

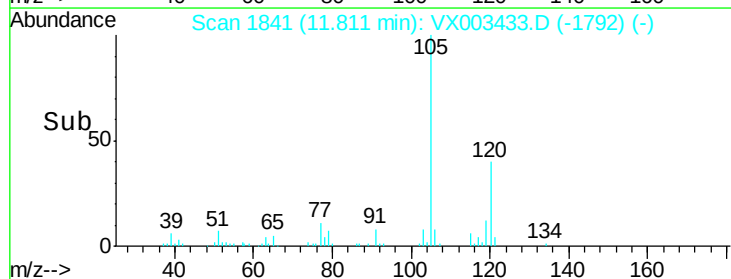
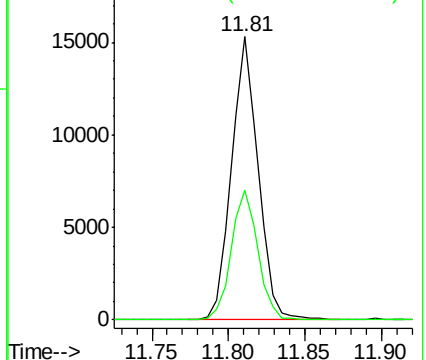
105 100

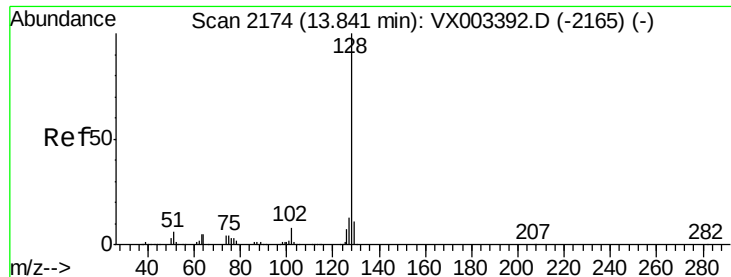
120 45.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

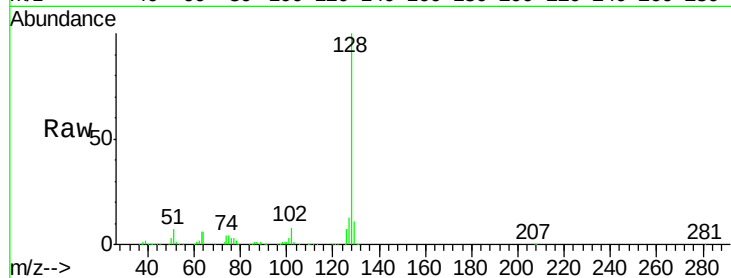




#95
Naphthalene
Concen: 10.65 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

