

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 01:01:58 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

						Qvalue
3) Chloromethane	1.32	50	903	0.27	ug/l	# 83
5) Bromomethane	1.61	94	272	Below	Cal	# 63
6) Chloroethane	1.79	64	3226	Below	Cal	# 65
10) Methyl Iodide	2.53	142	1466	0.45	ug/l	92
11) Tert butyl alcohol	3.07	59	614	0.77	ug/l	# 69
13) Acrolein	2.29	56	211	0.55	ug/l	# 35
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
29) Tetrahydrofuran	5.18	42	2470	1.69	ug/l	97
30) Chloroform	5.23	83	3076	0.59	ug/l	88
31) Cyclohexane	5.67	56	4343	0.99	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	17174	4.46	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	24064	6.14	ug/l	# 16
41) Methacrylonitrile	5.18	41	1585	0.66	ug/l	# 52
47) Bromodichloromethane	7.90	83	1173	0.32	ug/l	96
48) Methyl methacrylate	7.73	41	1232	0.37	ug/l	# 22
51) 4-Methyl-2-Pentanone	8.66	43	1858	0.43	ug/l	95
52) Toluene	8.79	92	3439	0.47	ug/l	93
67) Ethyl Benzene	10.26	91	11568	0.85	ug/l	93
68) m/p-Xylenes	10.36	106	12959	2.45	ug/l	99
69) o-Xylene	10.70	106	3958	0.78	ug/l	98
70) Styrene	10.72	104	2029	0.24	ug/l	# 75
76) 1,2,3-Trichloropropane	11.14	75	94765	24.78	ug/l	# 33
78) n-propylbenzene	11.37	91	3162	0.21	ug/l	99
79) 2-Chlorotoluene	11.44	91	1980	0.21	ug/l	# 46
80) 1,3,5-Trimethylbenzene	11.51	105	5661	0.51	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.14	75	94765	80.51	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	18483	1.63	ug/l	99
89) n-Butylbenzene	12.39	91	2313	0.23	ug/l	# 36
90) Hexachloroethane	12.58	117	358	0.20	ug/l	# 1
95) Naphthalene	13.83	128	147418	10.65	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

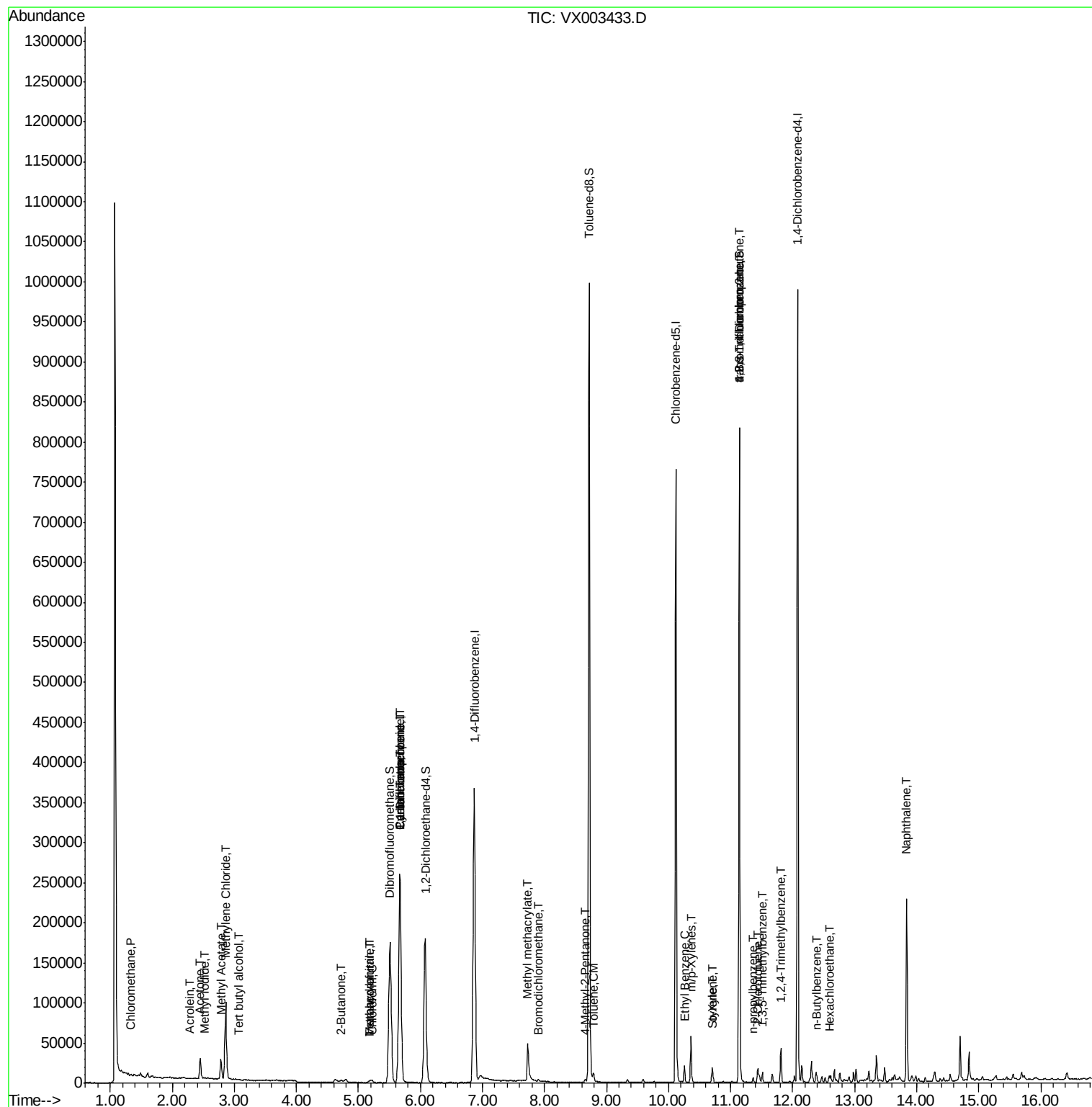
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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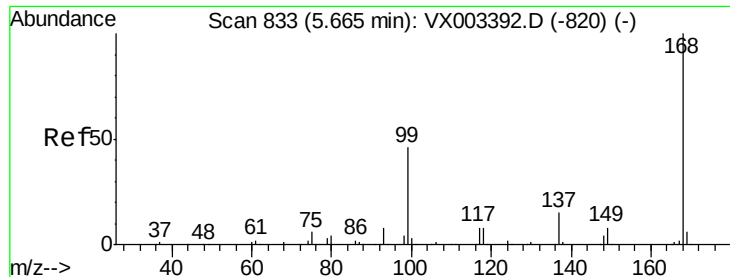
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

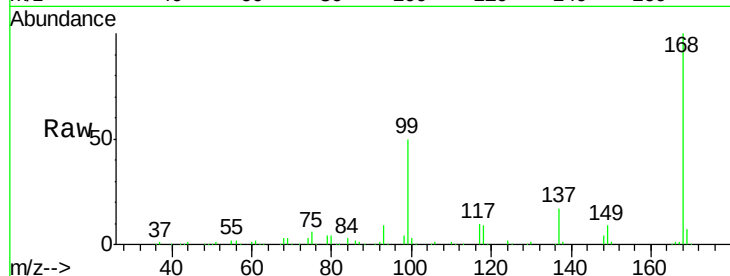
AU-05-071318-D

Tot Ion:168 Resp: 270523

Ion Ratio Lower Upper

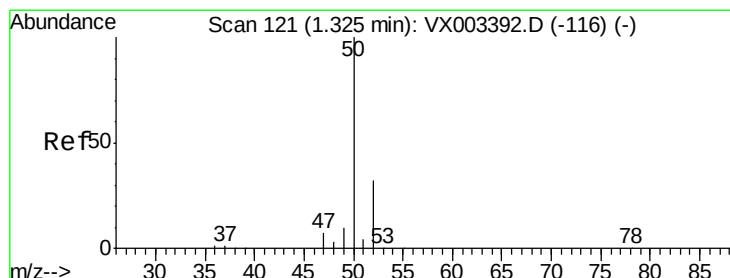
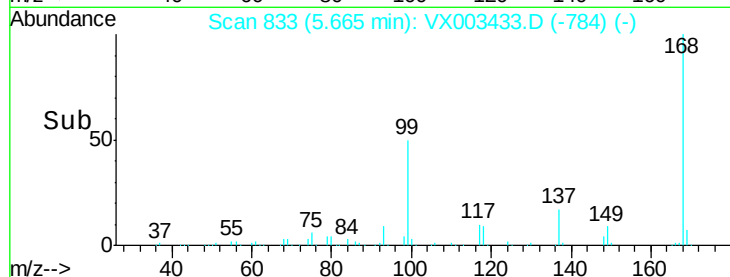
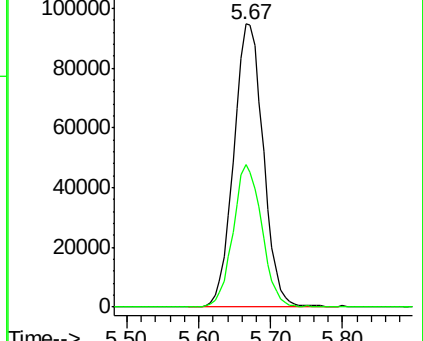
168 100

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



#3

Chloromethane

Concen: 0.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003433.D

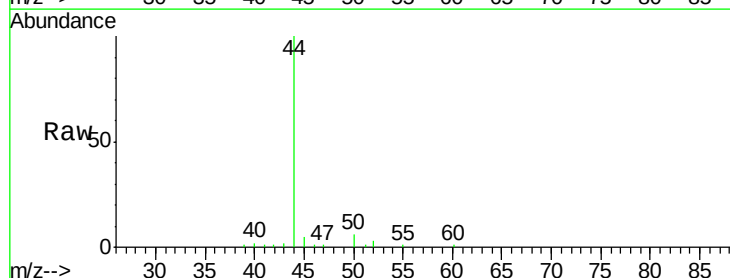
Acq: 17 Jul 2018 17:41

Tgt Ion: 50 Resp: 903

Ion Ratio Lower Upper

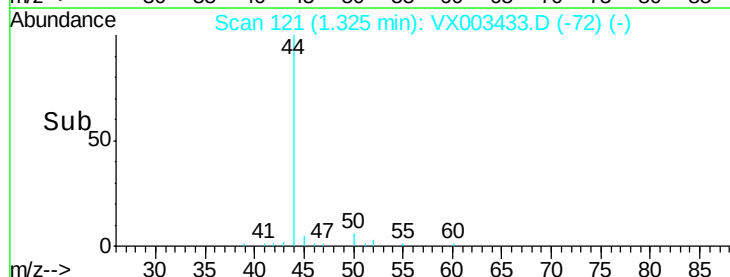
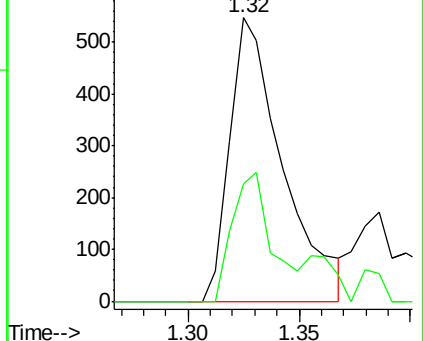
50 100

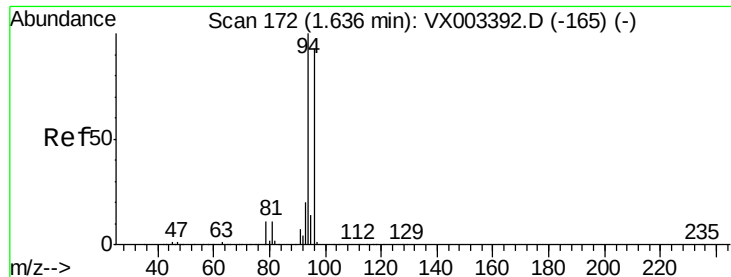
52 41.3 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 167

Delta R.T. -0.03 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

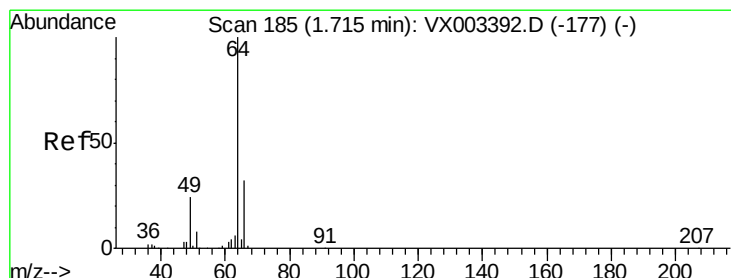
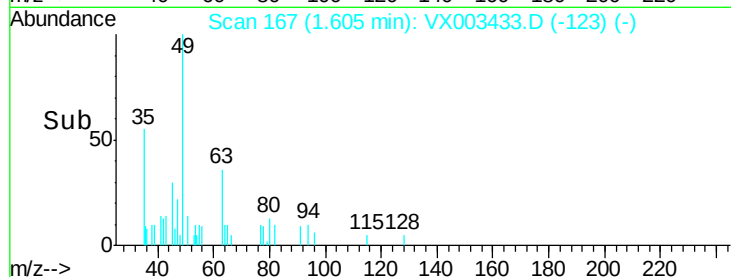
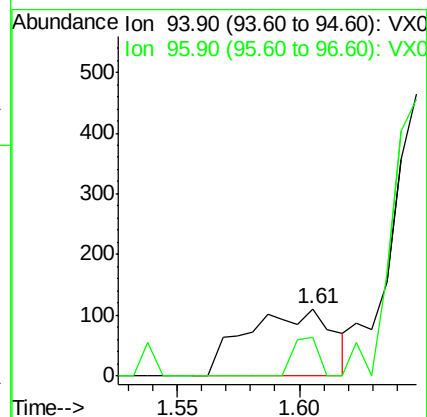
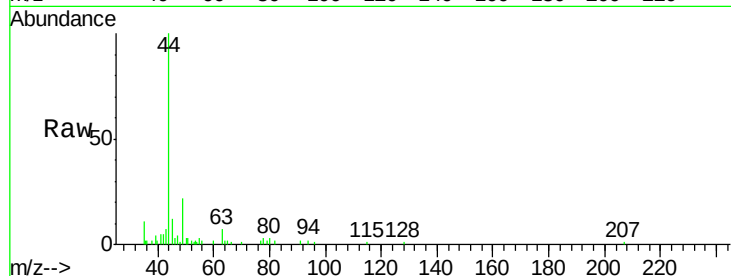
AU-05-071318-D

Tot Ion: 94 Resp: 272

Ion Ratio Lower Upper

94 100

96 57.7 74.9 112.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.79 min Scan# 198

Delta R.T. 0.08 min

Lab File: VX003433.D

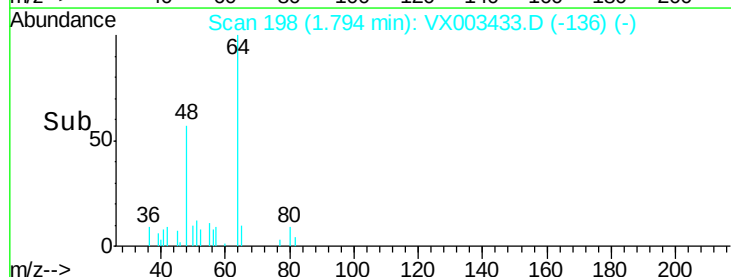
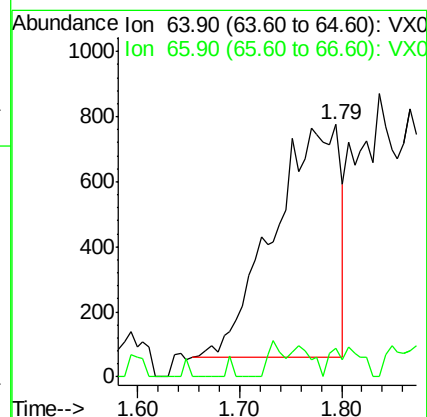
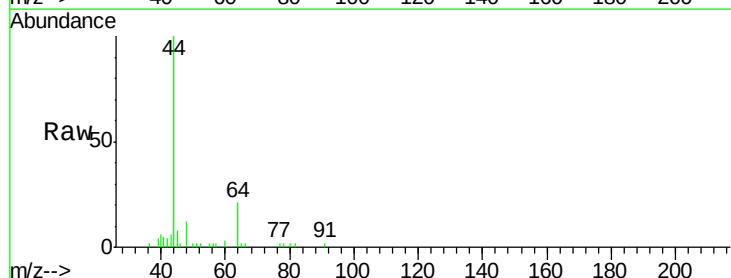
Acq: 17 Jul 2018 17:41

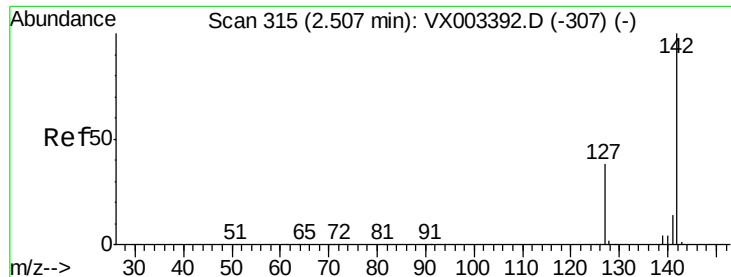
Tgt Ion: 64 Resp: 3226

Ion Ratio Lower Upper

64 100

66 12.2 25.5 38.3#

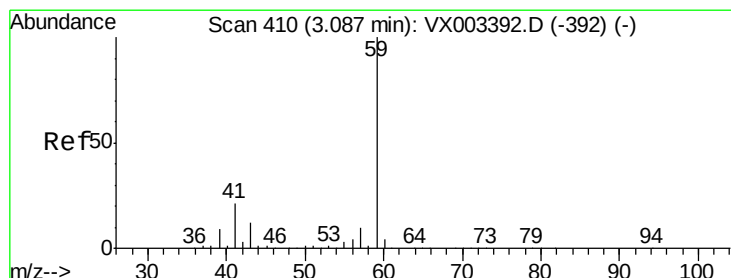
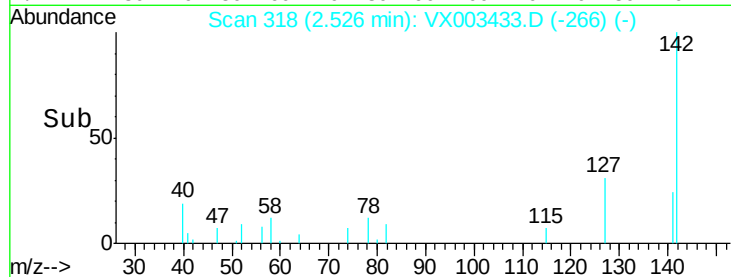
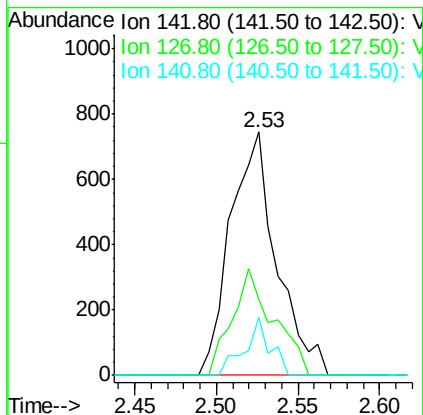
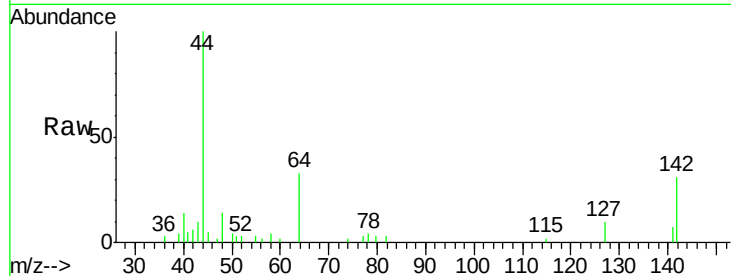




#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

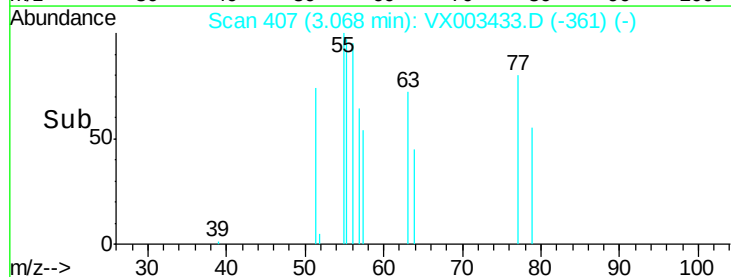
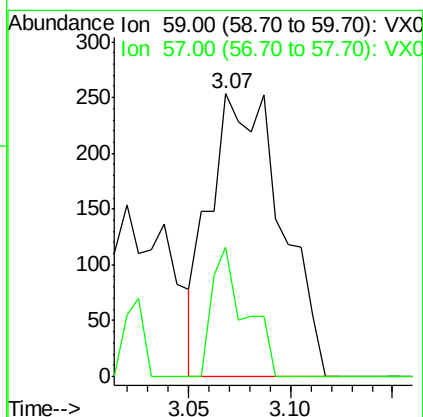
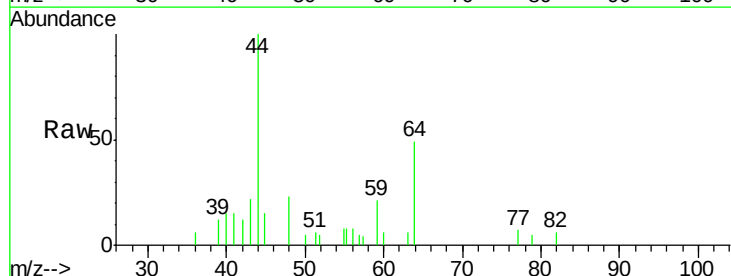
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-D

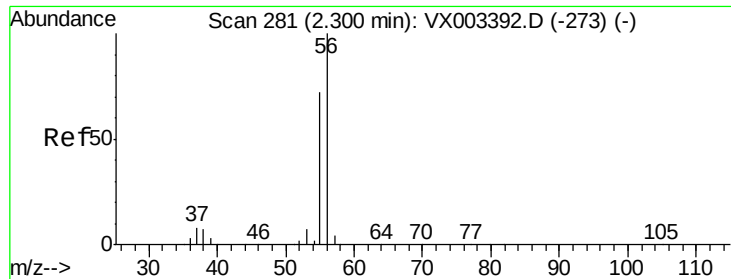
Tot Ion:142 Resp: 1466
Ion Ratio Lower Upper
142 100
127 39.2 36.6 55.0
141 13.2 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.77 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

Tgt Ion: 59 Resp: 614
Ion Ratio Lower Upper
59 100
57 21.8 8.2 12.2#





#13

Acrolein

Concen: 0.55 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

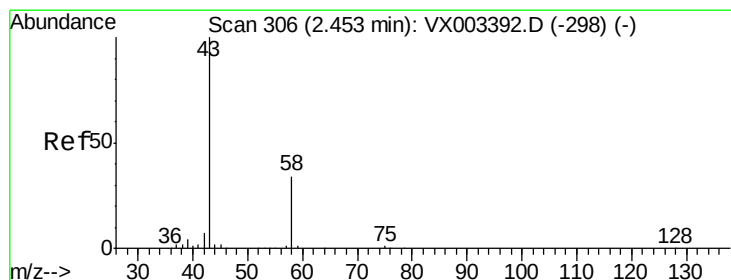
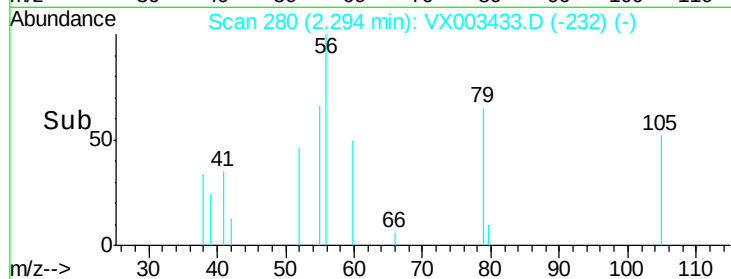
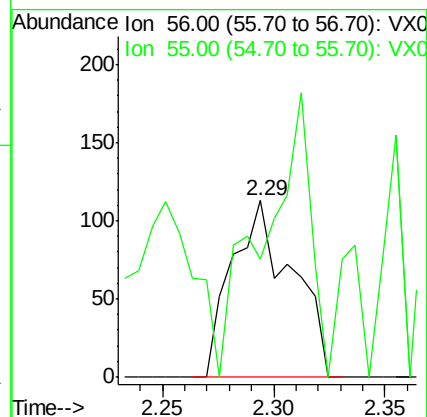
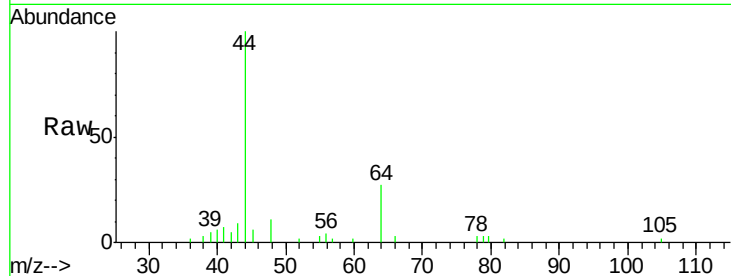
AU-05-071318-D

Tot Ion: 56 Resp: 211

Ion Ratio Lower Upper

56 100

55 124.6 57.0 85.4#



#16

Acetone

Concen: 19.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003433.D

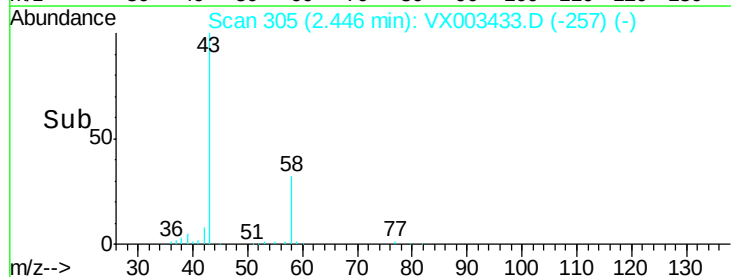
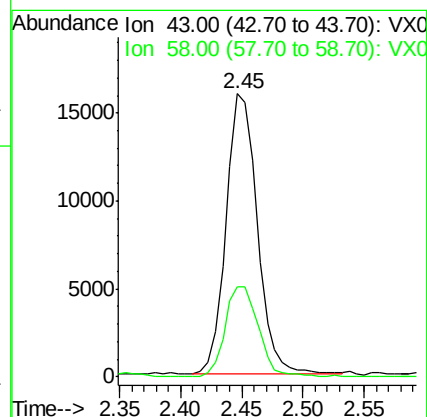
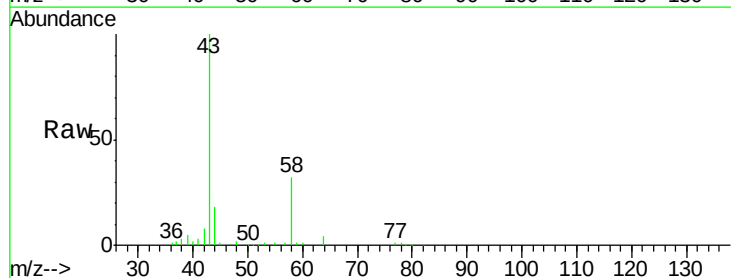
Acq: 17 Jul 2018 17:41

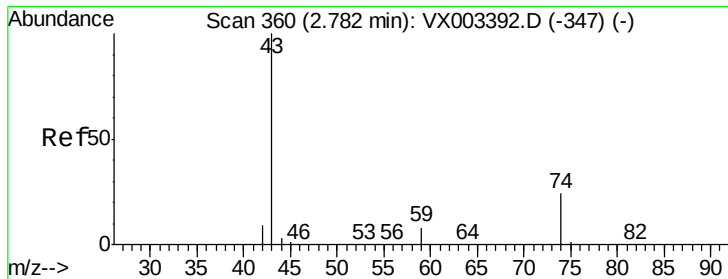
Tgt Ion: 43 Resp: 28321

Ion Ratio Lower Upper

43 100

58 32.2 22.1 33.1

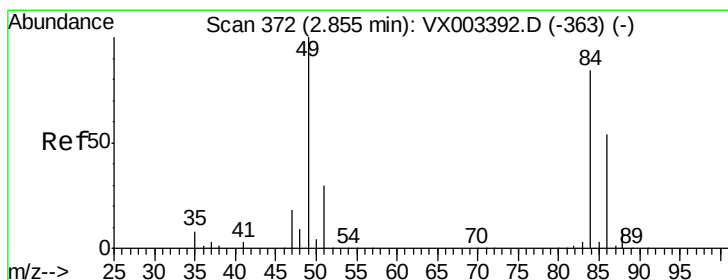
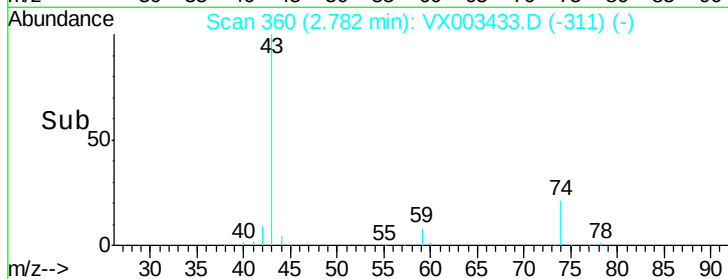
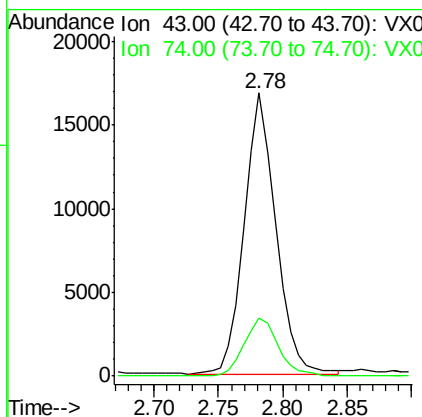
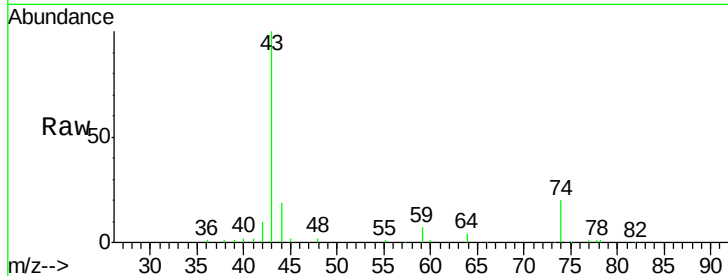




#18
Methvl Acetate
Concen: 5.91 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

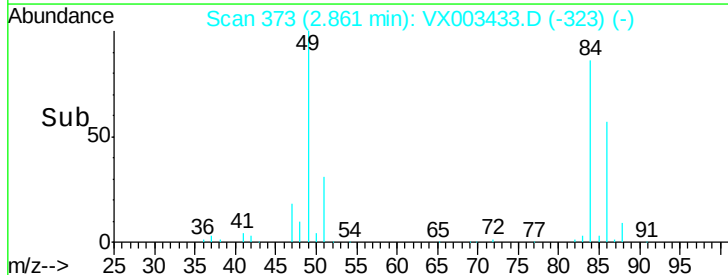
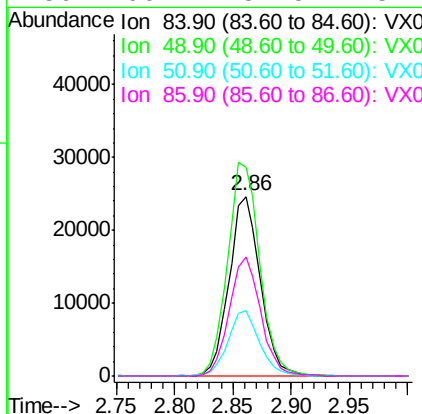
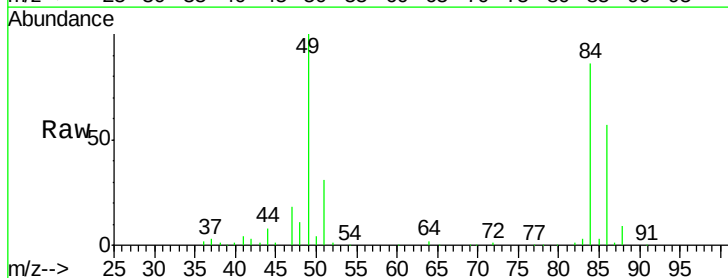
Instrument :
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ClientSampleId :
AU-05-071318-D

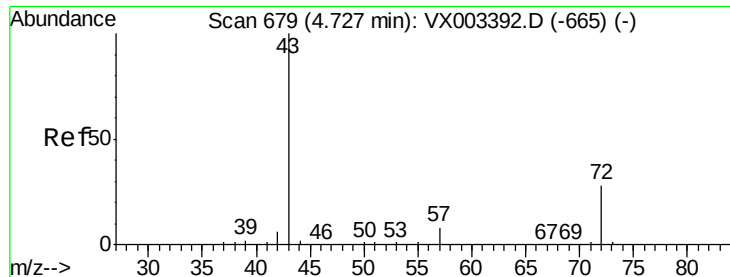
Tot Ion: 43 Resp: 28371
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1



#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 :

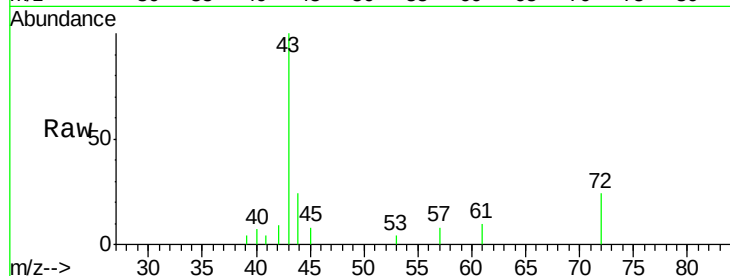
AU-05-071318-D

Tot Ion: 43 Resp: 5828

Ion Ratio Lower Upper

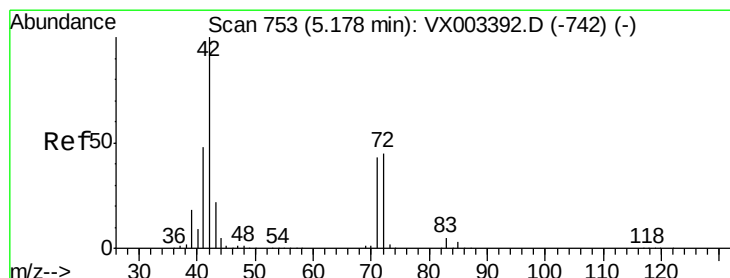
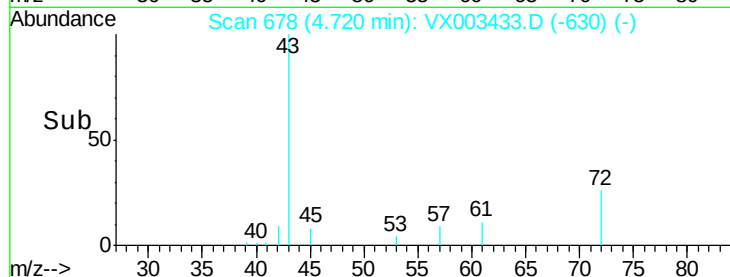
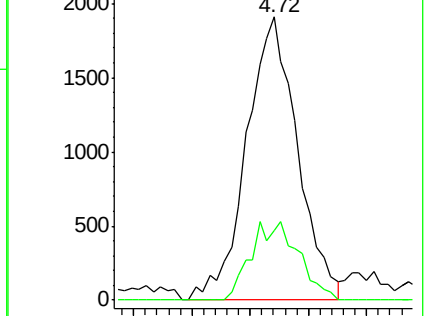
43 100

72 24.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 1.69 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

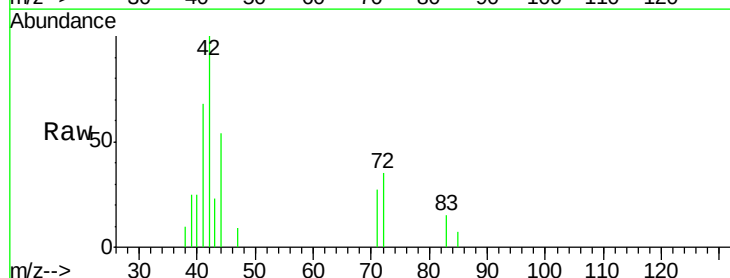
Tgt Ion: 42 Resp: 2470

Ion Ratio Lower Upper

42 100

72 38.9 32.0 48.0

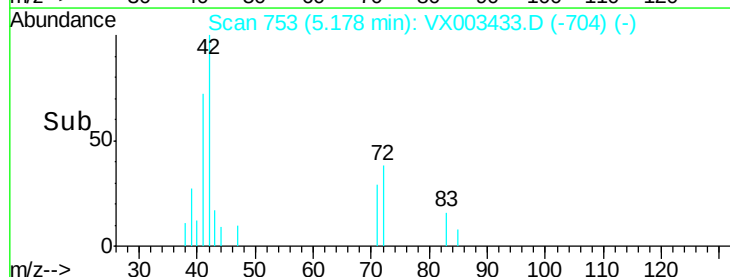
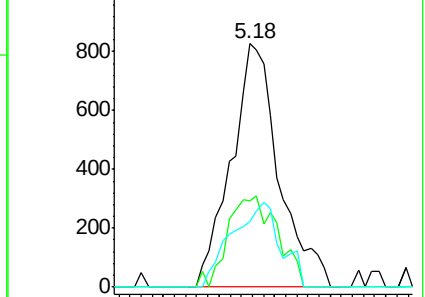
71 35.3 30.1 45.1

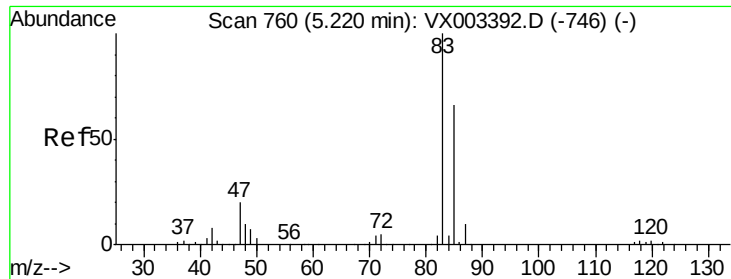


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

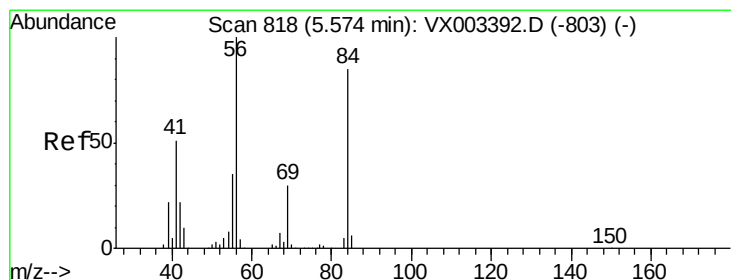
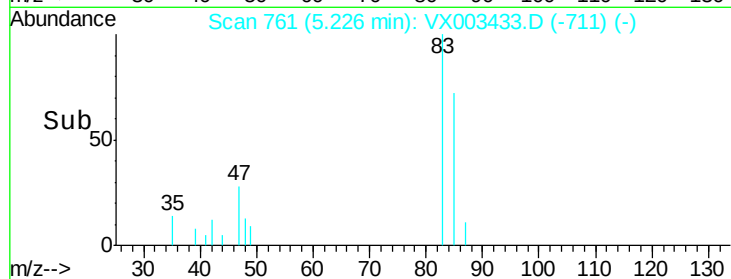
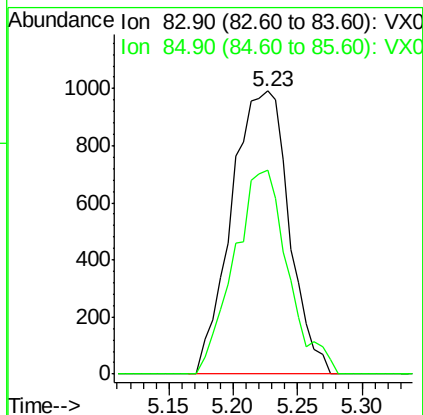
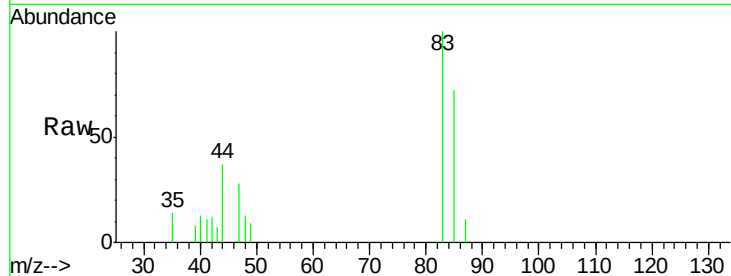




#30
Chloroform
Concen: 0.59 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

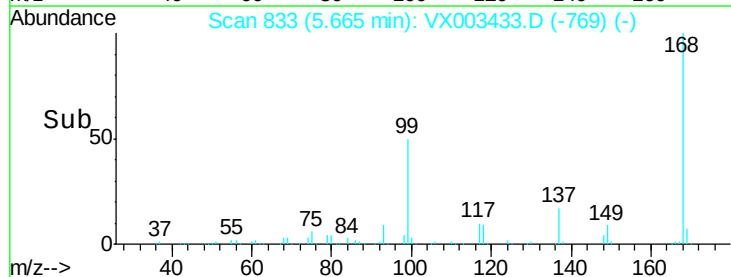
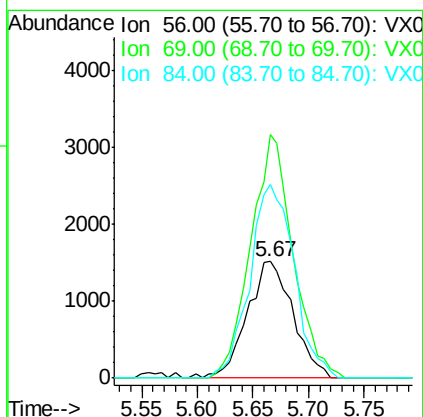
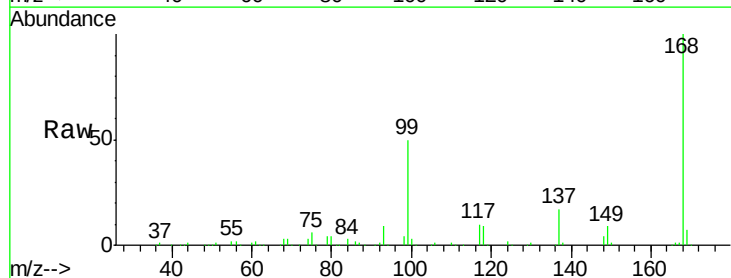
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-D

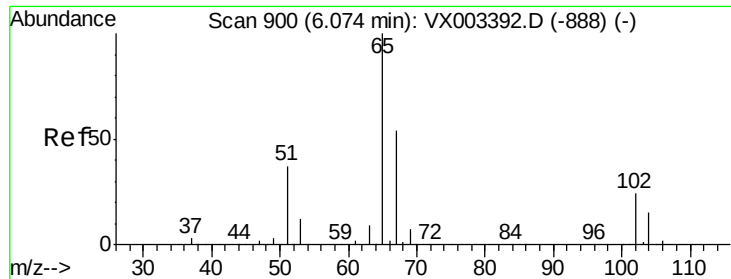
Tot Ion: 83 Resp: 3076
Ion Ratio Lower Upper
83 100
85 72.1 50.4 75.6



#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

Tgt Ion: 56 Resp: 4343
Ion Ratio Lower Upper
56 100
69 208.7 23.7 35.5#
84 165.7 64.1 96.1#

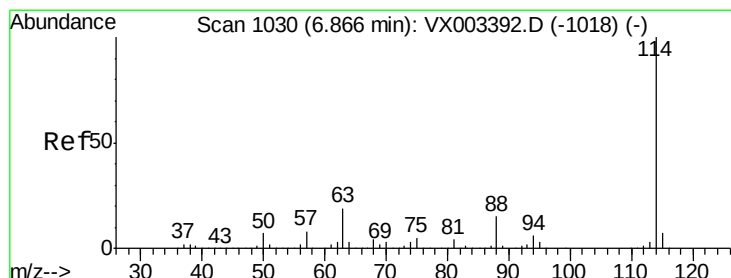
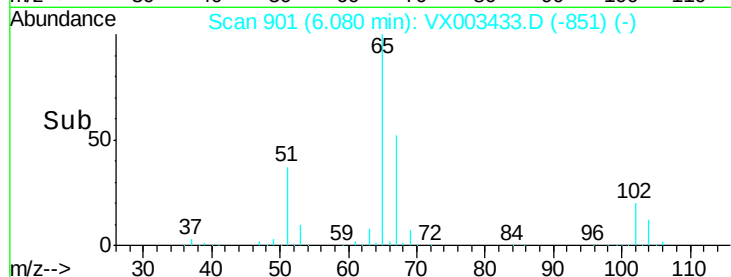
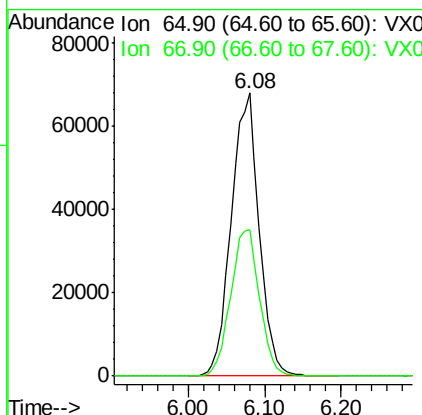
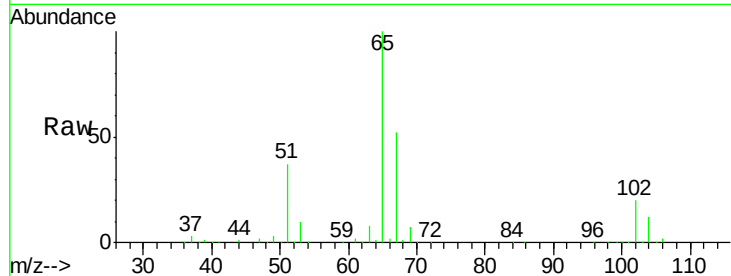




#33
 1,2-Dichloroethane-d4
 Concen: 48.26 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003433.D
 Acq: 17 Jul 2018 17:41

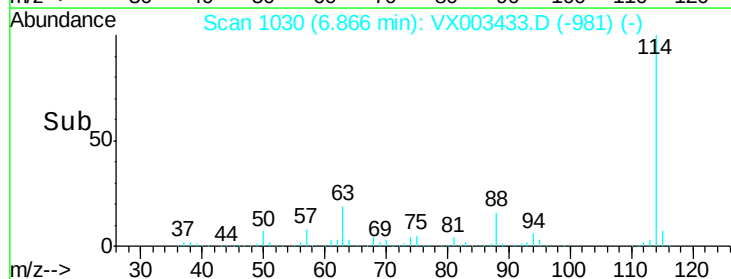
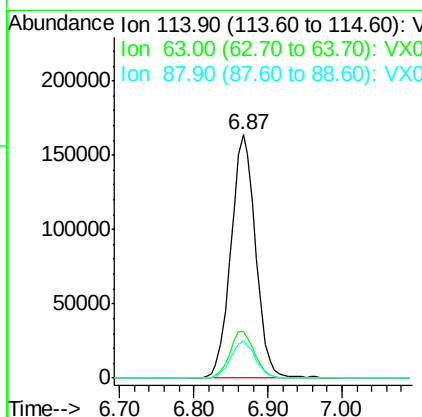
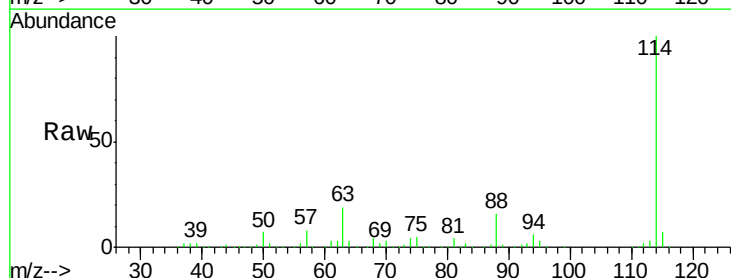
Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-071318-D

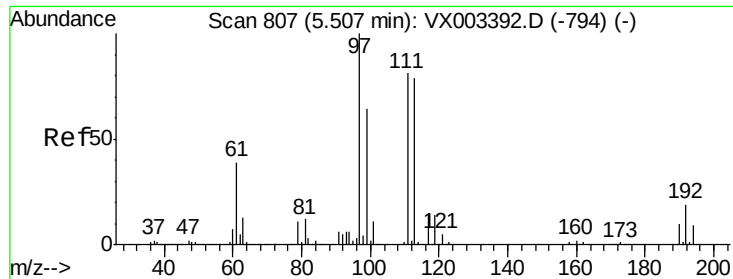
Tot Ion: 65 Resp: 170987
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 102.6



#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

Tgt Ion: 114 Resp: 380370
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.6 0.0 30.0

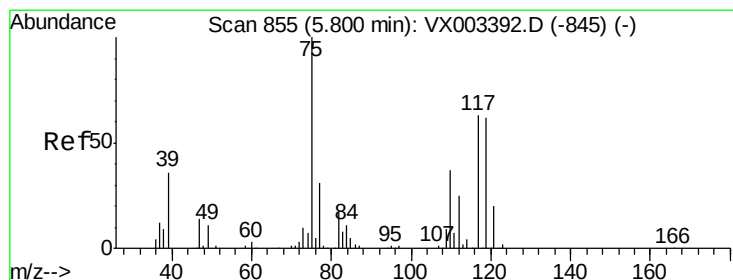
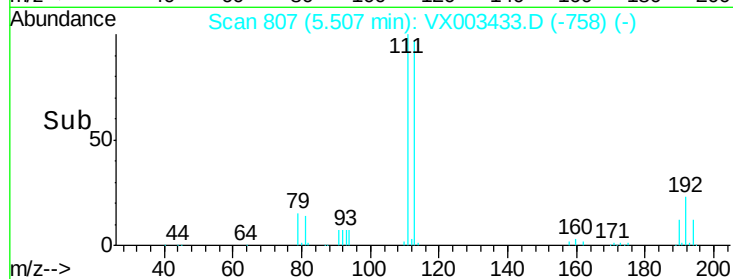
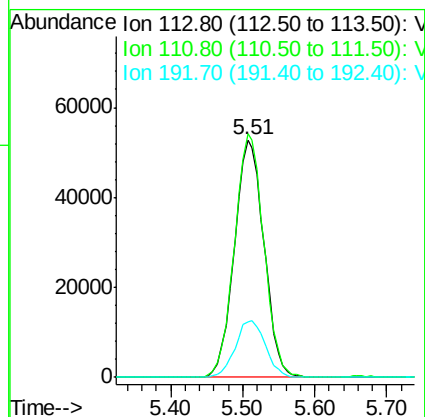
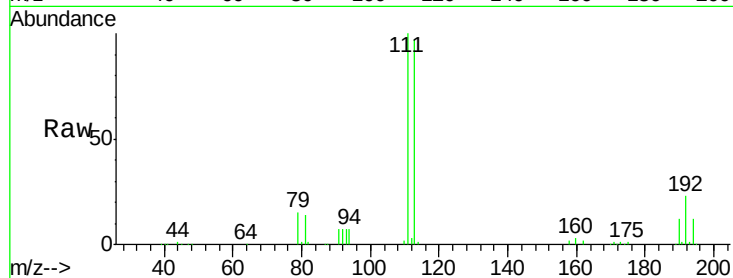




#35
 Dibromofluoromethane
 Concen: 48.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003433.D
 Acq: 17 Jul 2018 17:41

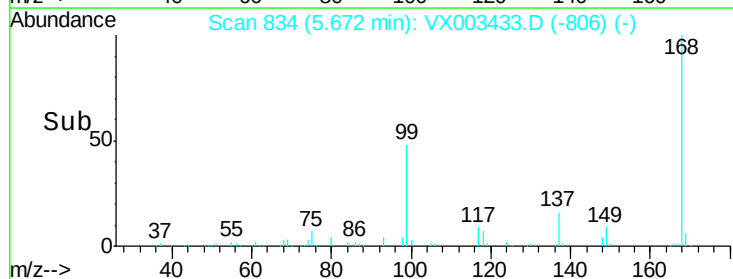
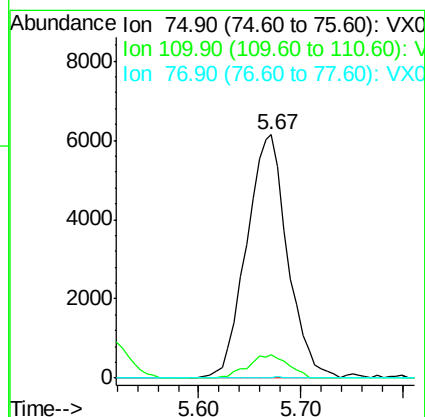
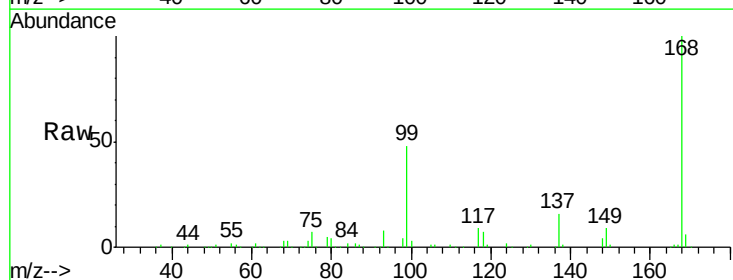
Instrument :
 MSVOA_X
 ClientSampled :
 AU-05-071318-D

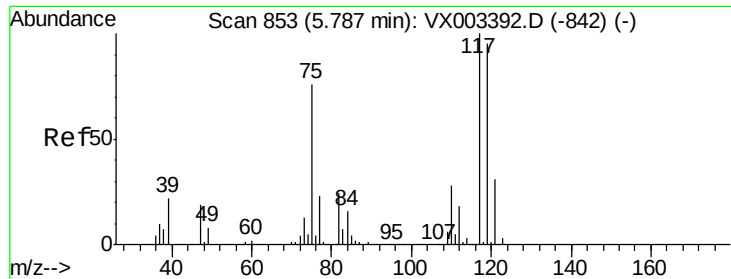
Tot Ion:113 Resp: 150618
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 24.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.46 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003433.D
 Acq: 17 Jul 2018 17:41

Tgt Ion: 75 Resp: 17174
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.4#
 77 0.1 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.14 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-D

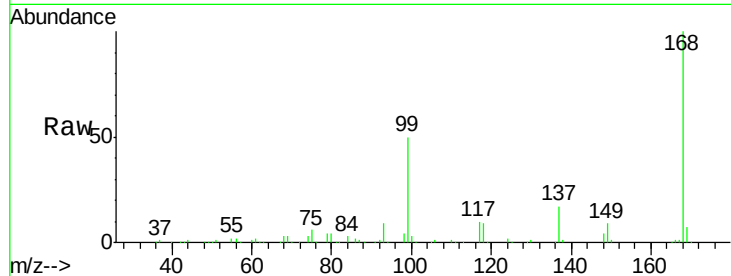
Tot Ion:117 Resp: 24064

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

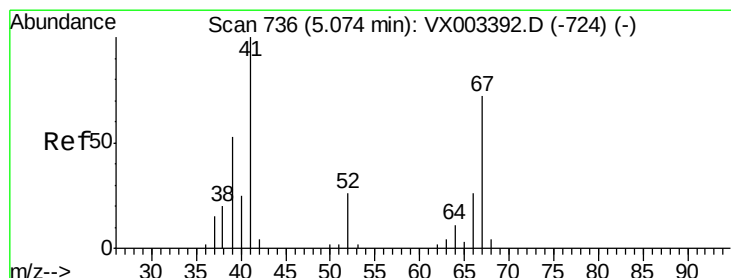
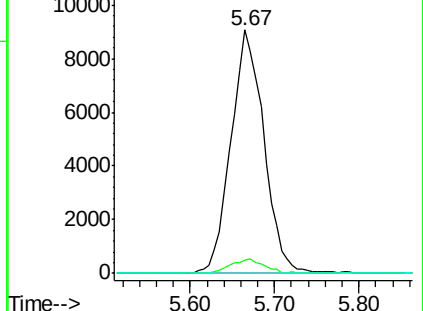
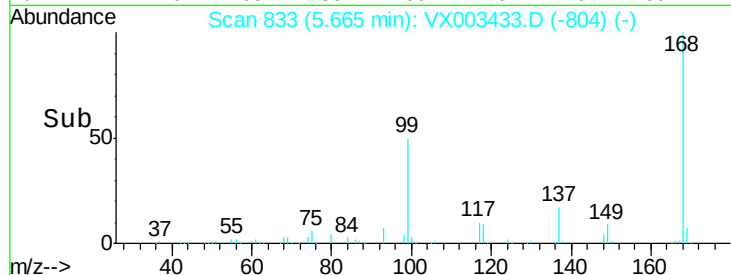
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.66 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.10 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Tgt Ion: 41 Resp: 1585

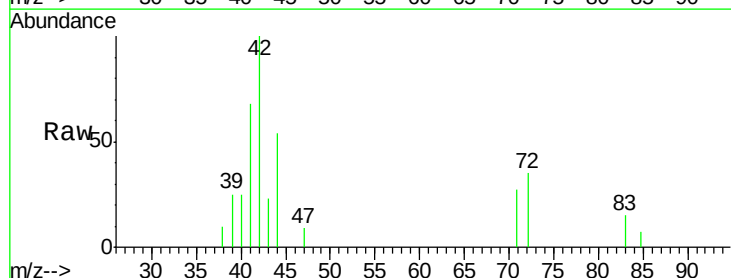
Ion Ratio Lower Upper

41 100

39 51.2 45.8 68.6

67 0.0 51.3 76.9#

52 0.0 23.0 34.6#

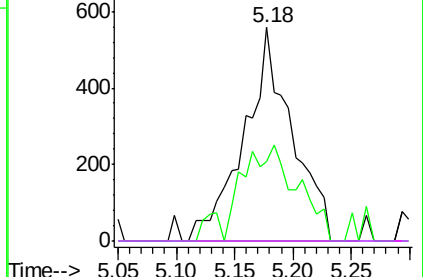
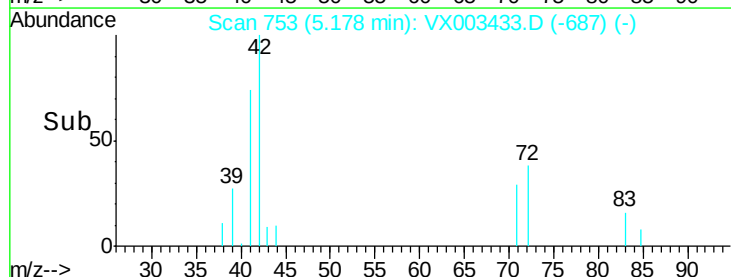


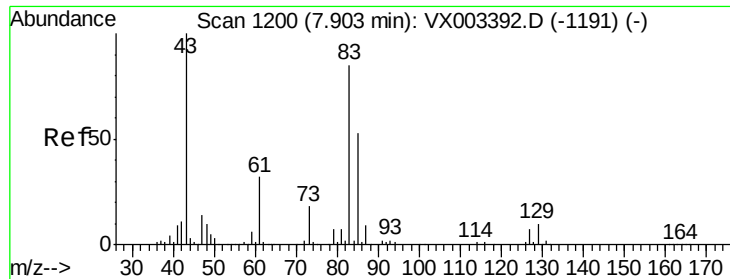
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-D

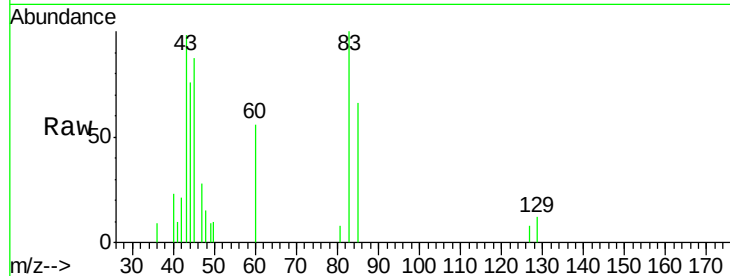
Tot Ion: 83 Resp: 1173

Ion Ratio Lower Upper

83 100

85 66.0 50.3 75.5

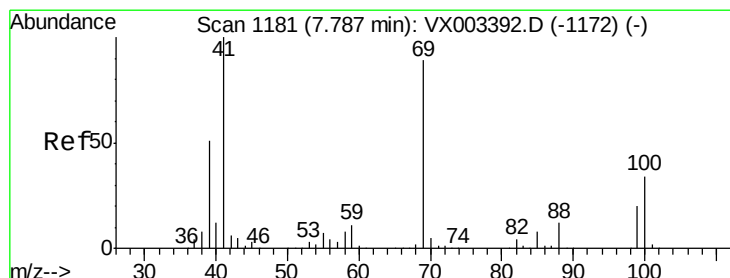
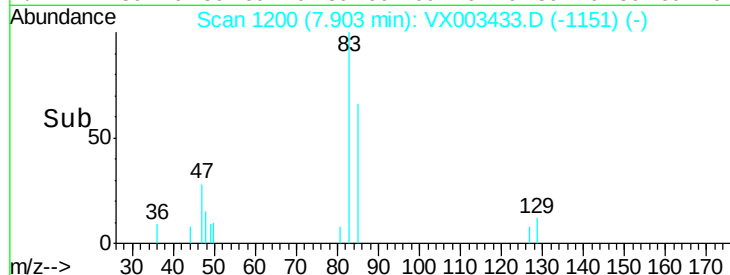
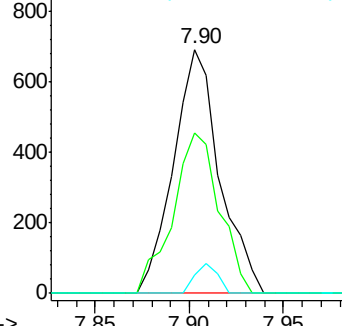
127 7.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.37 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

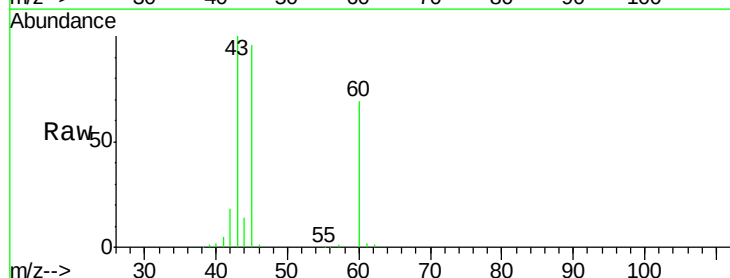
Tgt Ion: 41 Resp: 1232

Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

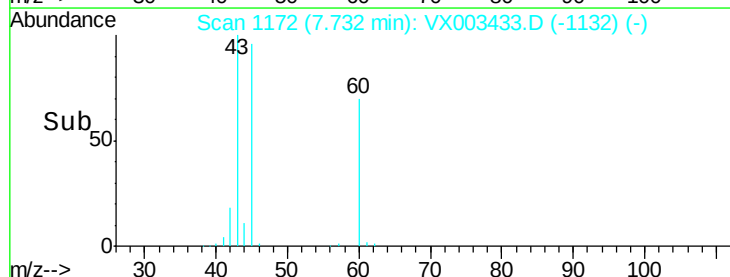
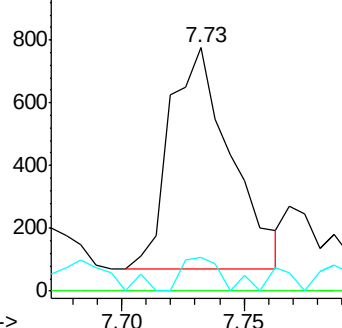
39 10.3 48.9 73.3#

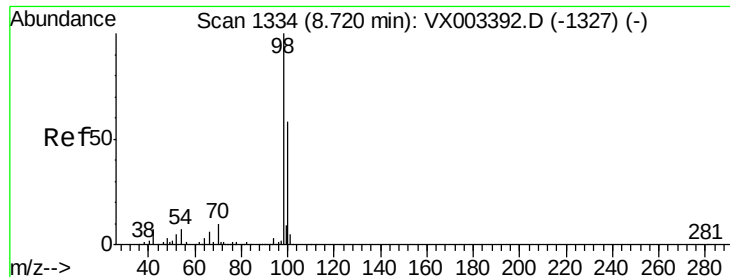


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#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 :

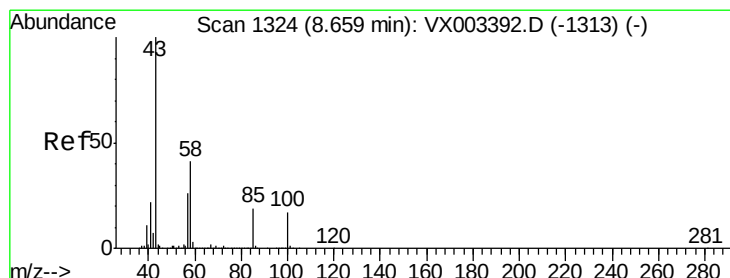
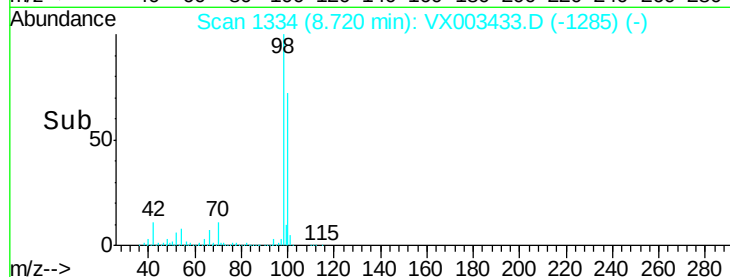
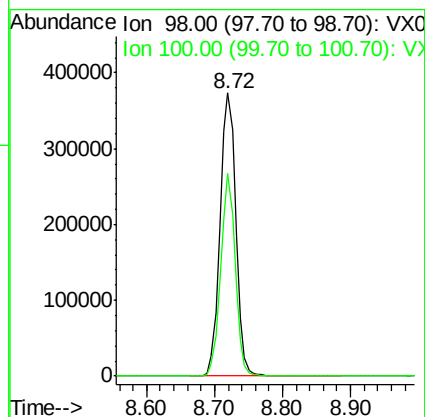
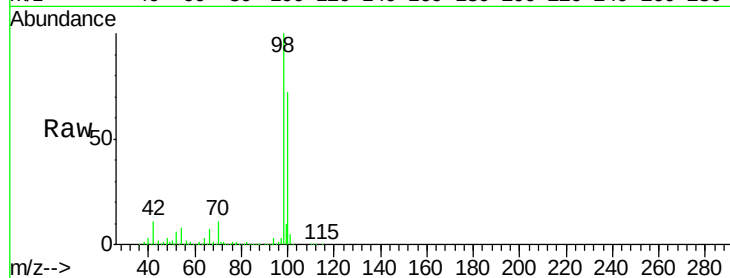
AU-05-071318-D

Tot Ion: 98 Resp: 600706

Ion Ratio Lower Upper

98 100

100 65.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.43 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX003433.D

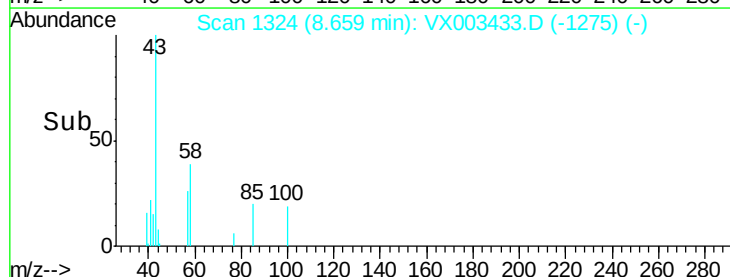
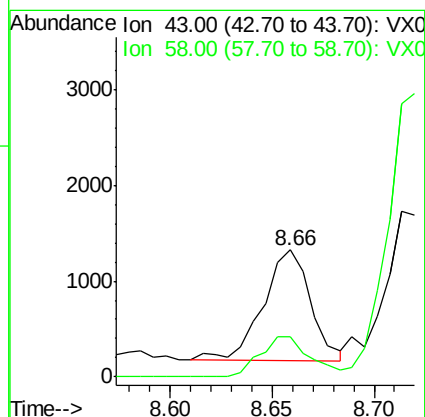
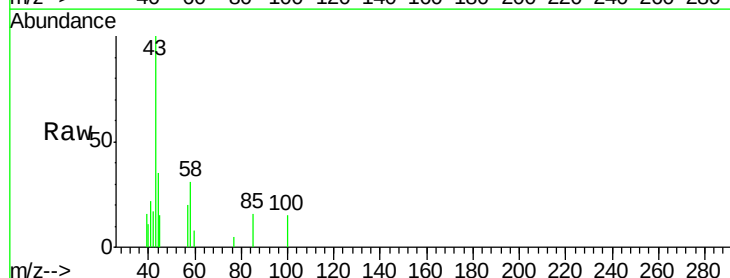
Acq: 17 Jul 2018 17:41

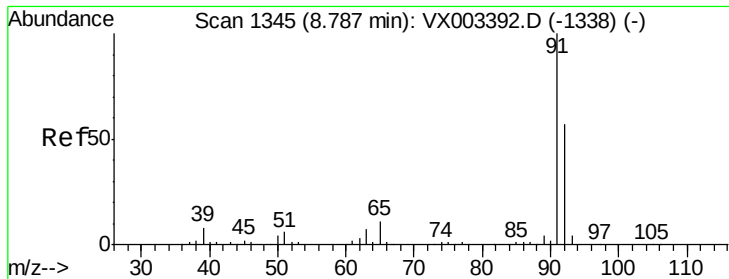
Tgt Ion: 43 Resp: 1858

Ion Ratio Lower Upper

43 100

58 38.8 28.6 42.8





#52

Toluene

Concen: 0.47 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

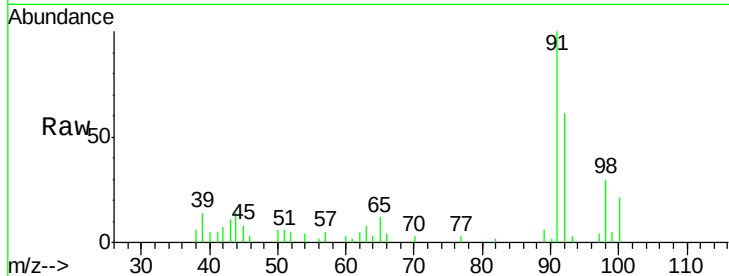
AU-05-071318-D

Tot Ion: 92 Resp: 3439

Ion Ratio Lower Upper

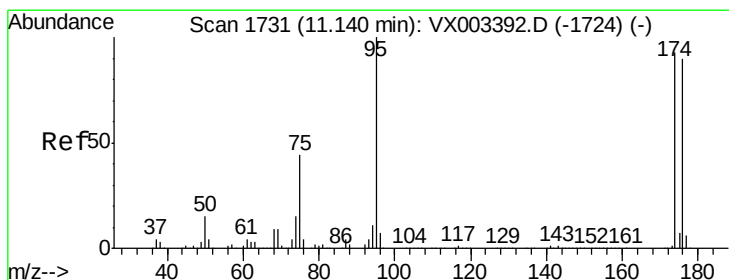
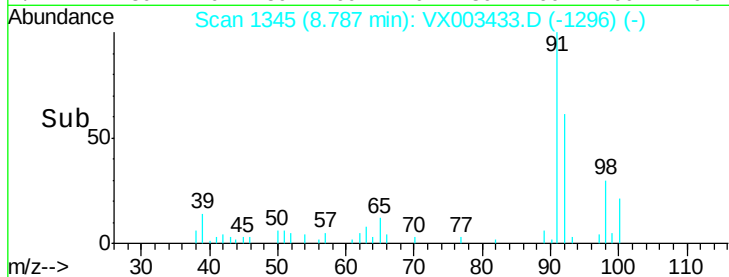
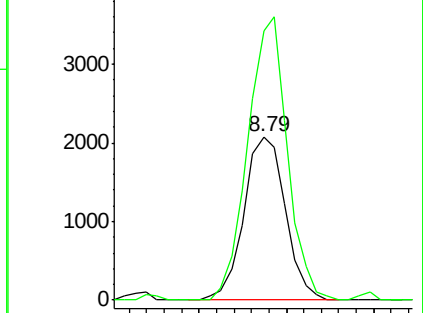
92 100

91 165.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#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

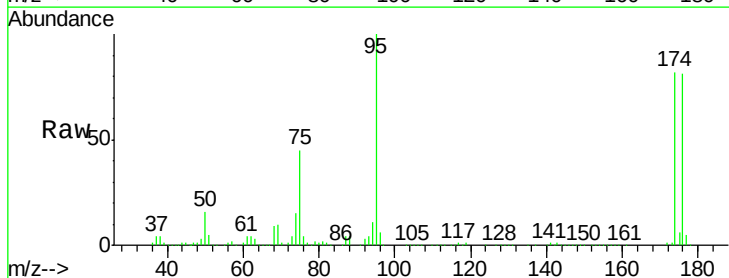
Tgt Ion: 95 Resp: 203343

Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.4

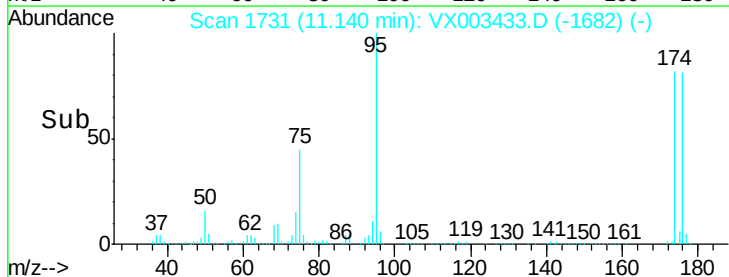
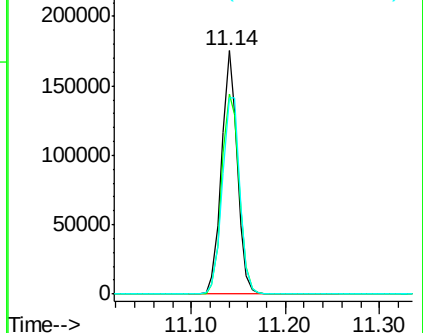
176 90.3 0.0 181.0

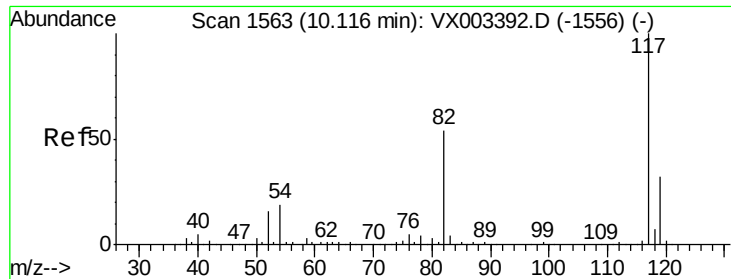


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

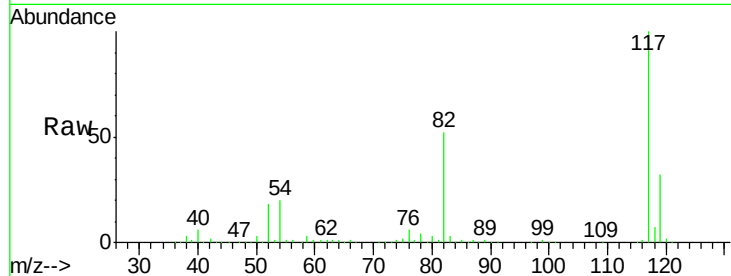




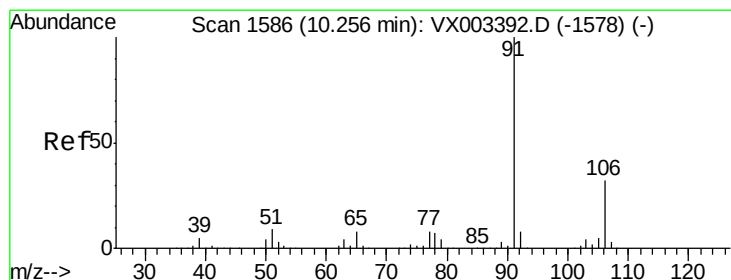
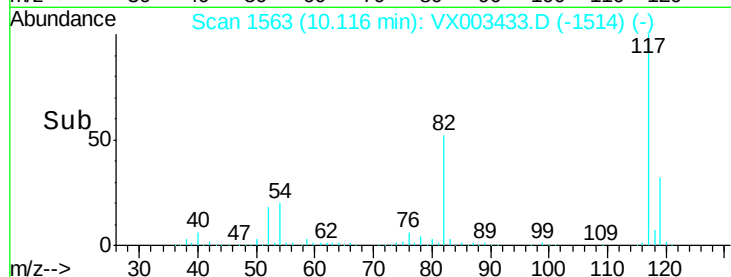
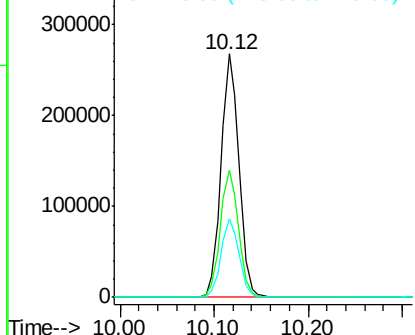
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

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

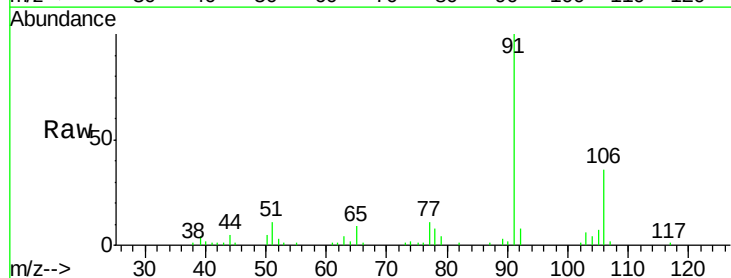


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

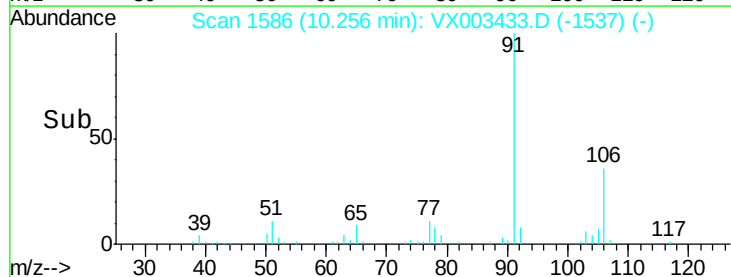
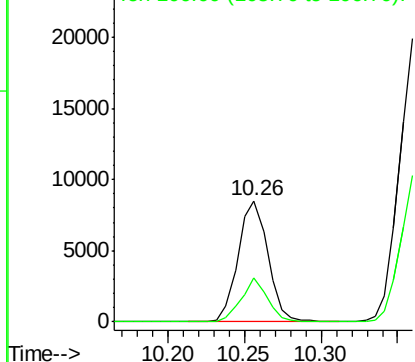


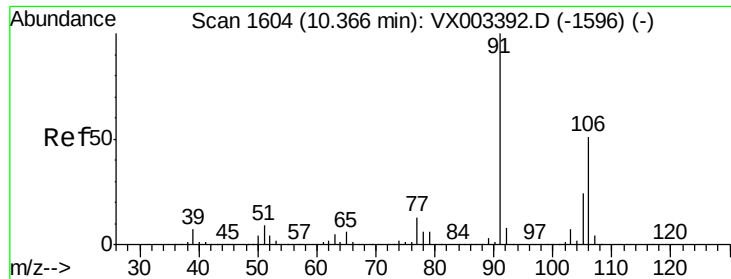
#67
Ethyl Benzene
Concen: 0.85 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

Tgt Ion: 91 Resp: 11568
Ion Ratio Lower Upper
91 100
106 36.1 25.5 38.3



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

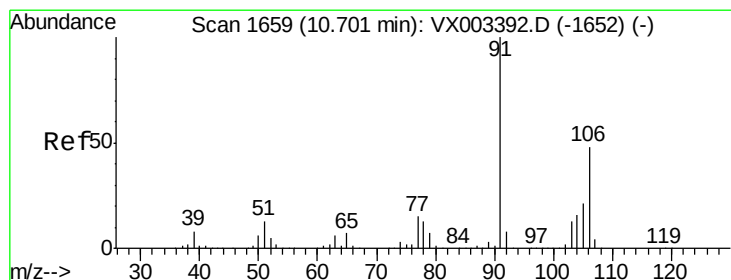
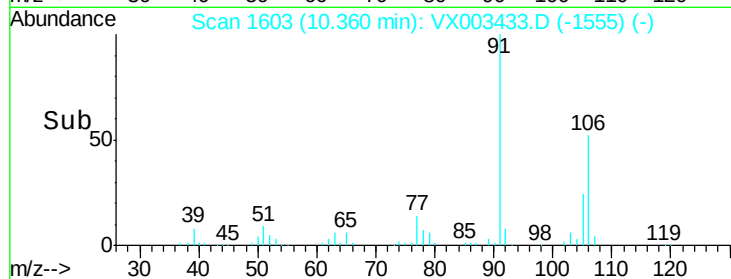
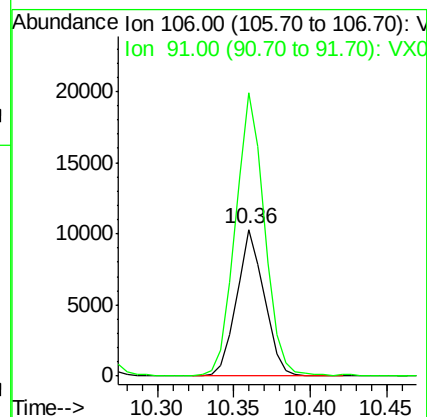
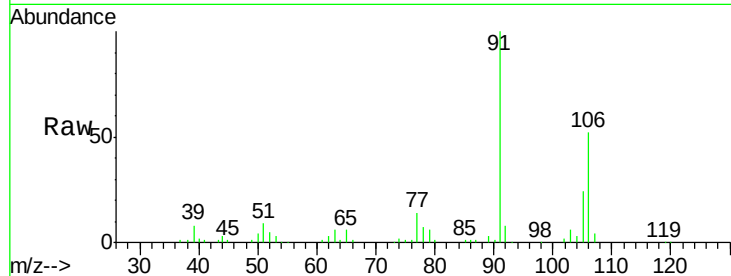




#68
m/p-Xylenes
Concen: 2.45 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

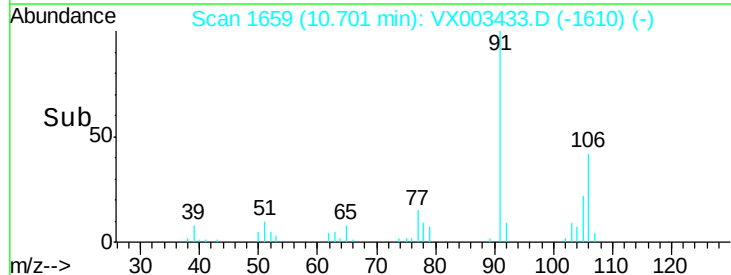
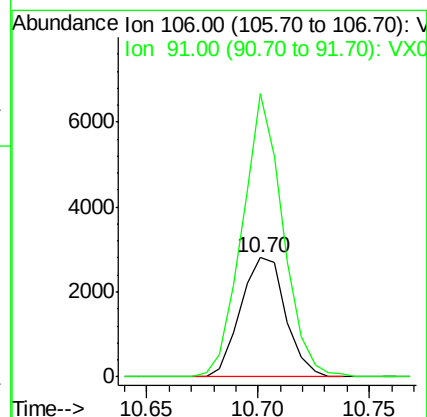
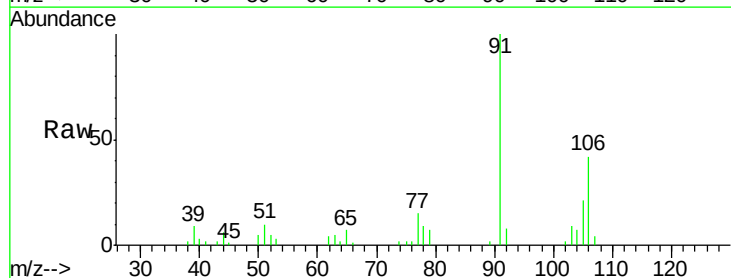
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-D

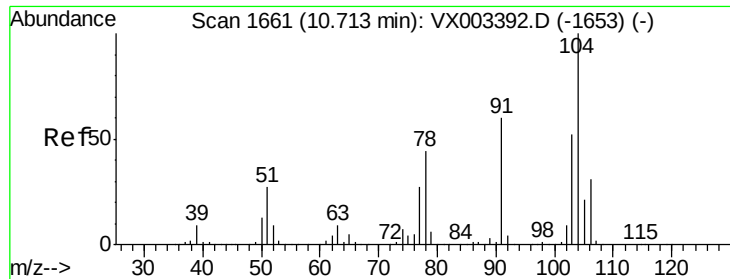
Tot Ion:106 Resp: 12959
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2



#69
o-Xylene
Concen: 0.78 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

Tgt Ion:106 Resp: 3958
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

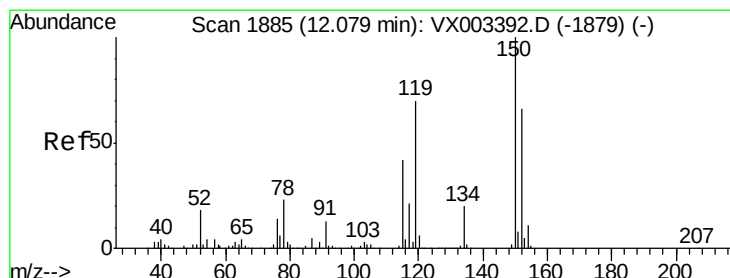
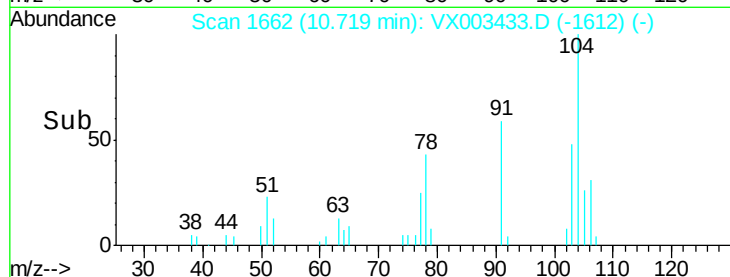
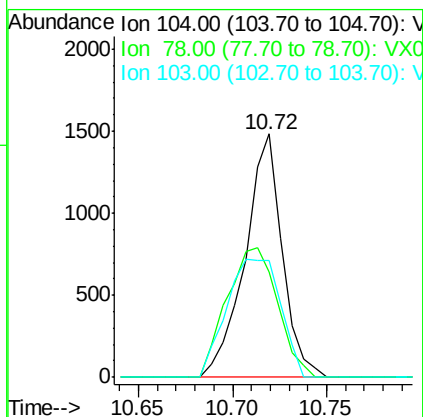
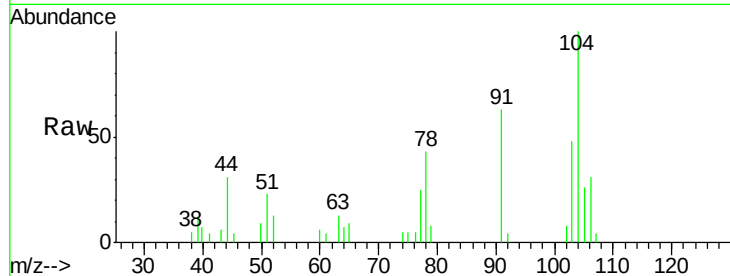




#70
Stvrene
Concen: 0.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

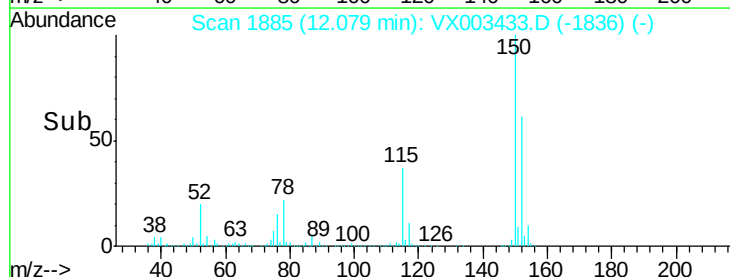
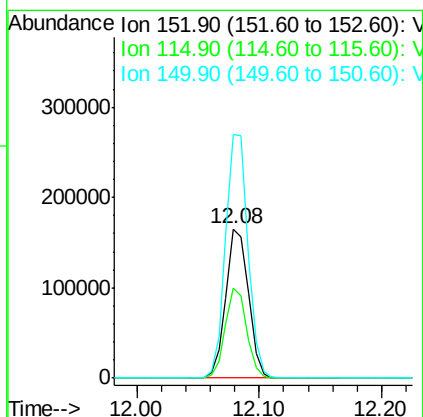
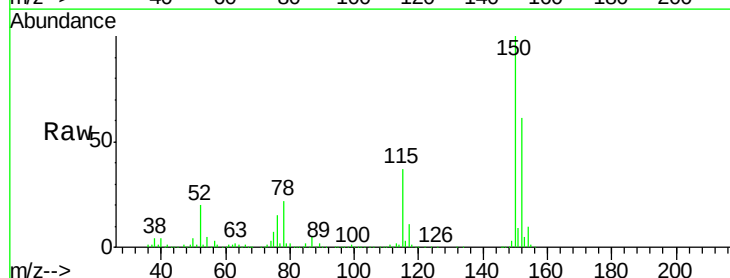
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-D

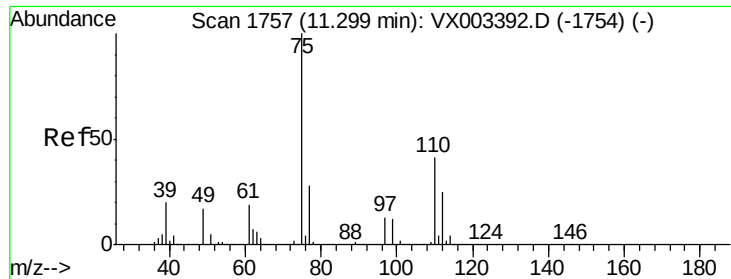
Tot Ion:104 Resp: 2029
Ion Ratio Lower Upper
104 100
78 72.4 41.0 61.6#
103 70.6 44.2 66.4#



#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

Tgt Ion:152 Resp: 211216
Ion Ratio Lower Upper
152 100
115 57.4 40.1 120.2
150 162.1 0.0 347.2





#76

1,2,3-Trichloropropane

Concen: 24.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

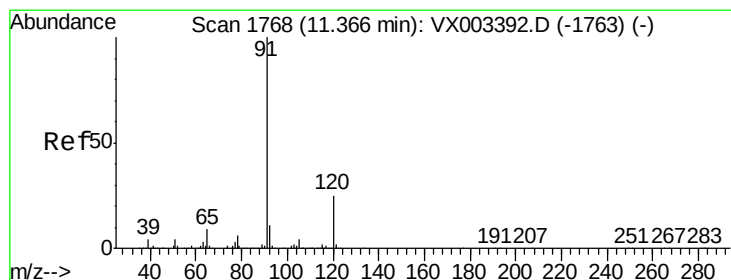
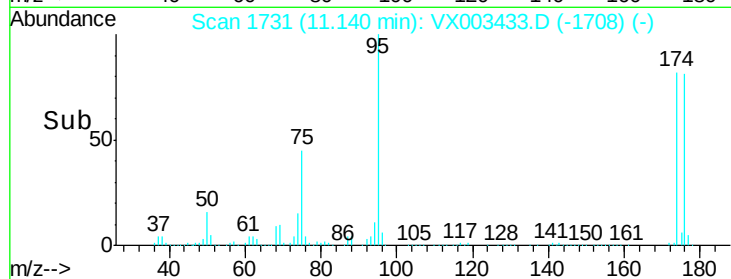
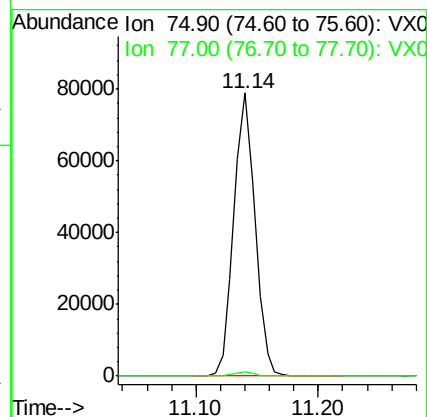
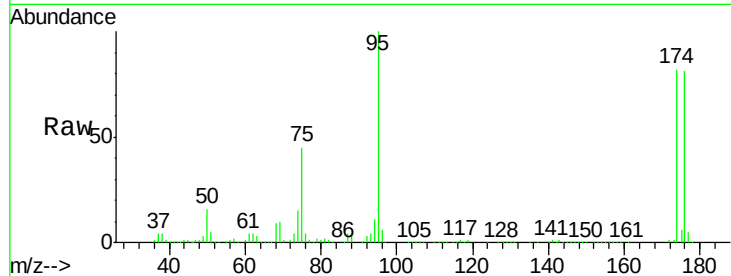
AU-05-071318-D

Tot Ion: 75 Resp: 94765

Ion Ratio Lower Upper

75 100

77 1.5 22.8 68.3#



#78

n-propylbenzene

Concen: 0.21 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003433.D

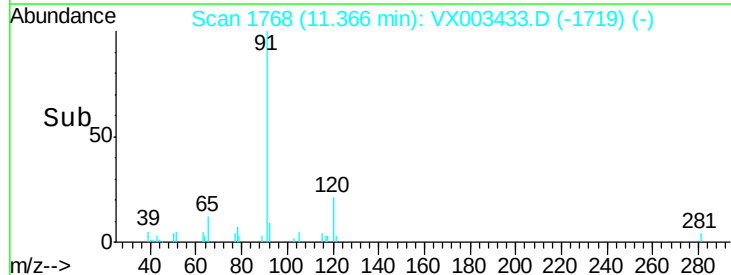
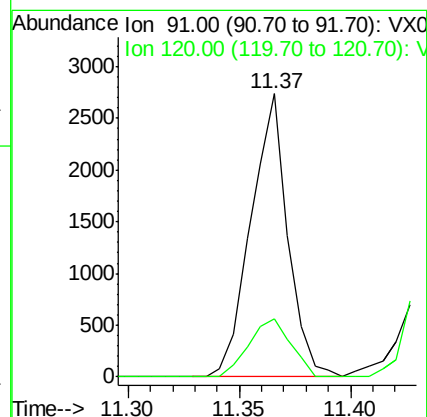
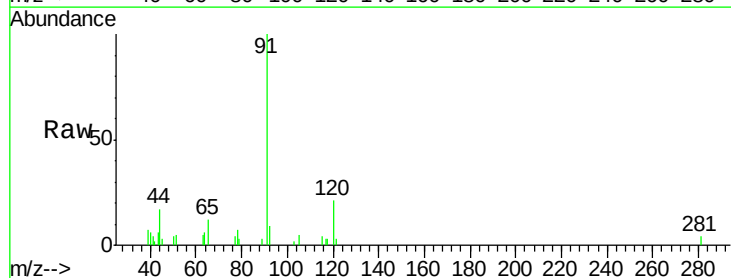
Acq: 17 Jul 2018 17:41

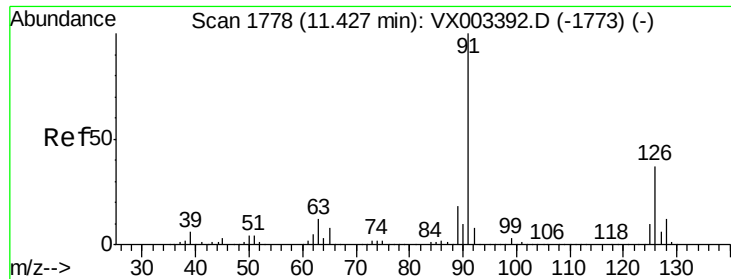
Tgt Ion: 91 Resp: 3162

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 0.21 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

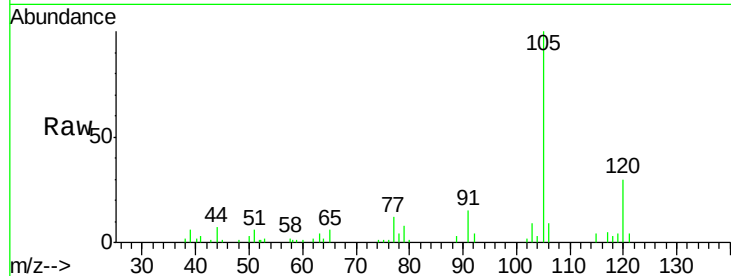
AU-05-071318-D

Tot Ion: 91 Resp: 1980

Ion Ratio Lower Upper

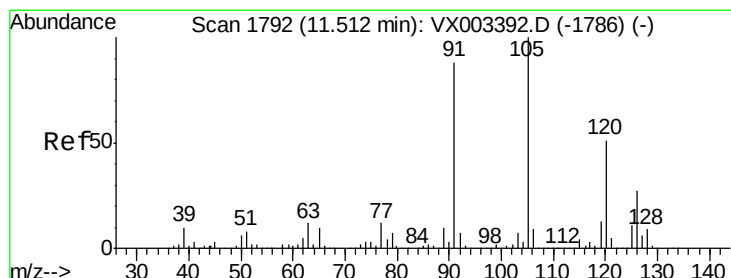
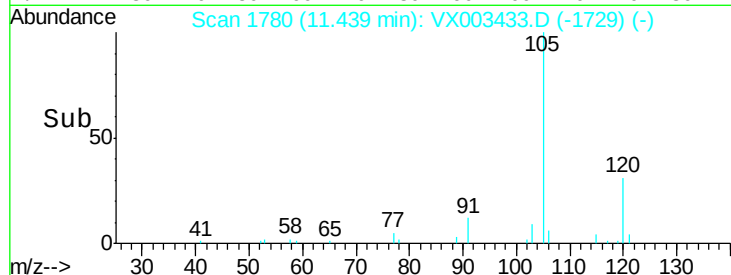
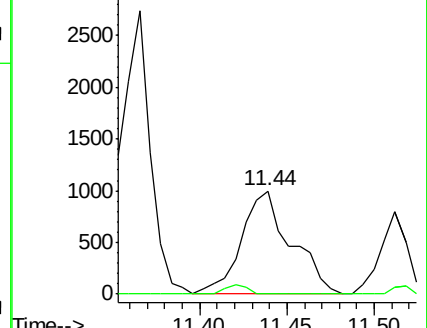
91 100

126 4.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX003392.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003392.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.51 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003433.D

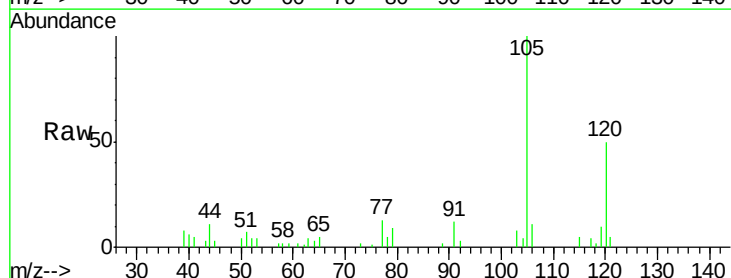
Acq: 17 Jul 2018 17:41

Tgt Ion: 105 Resp: 5661

Ion Ratio Lower Upper

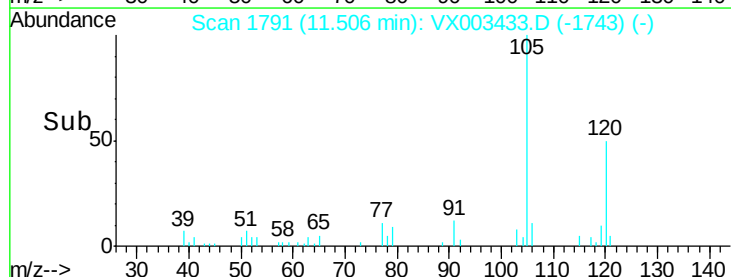
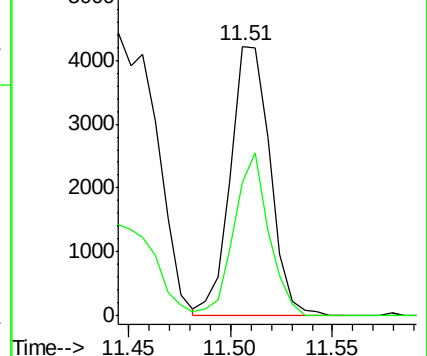
105 100

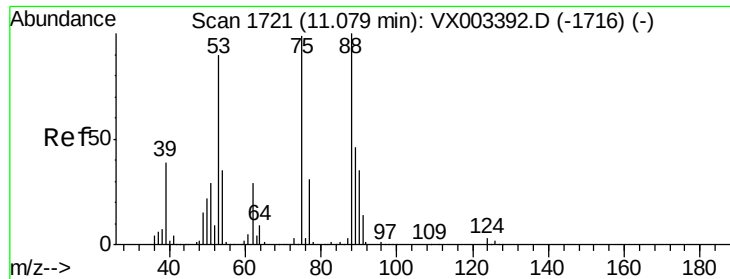
120 52.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003392.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003392.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 80.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-D

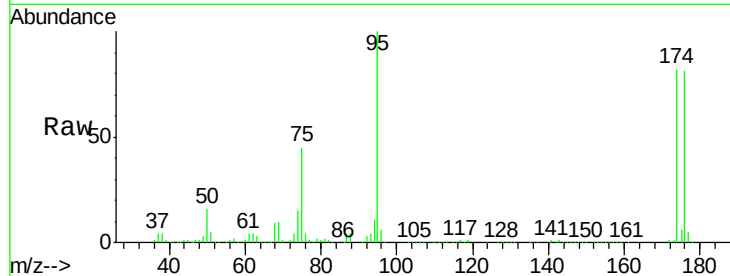
Tot Ion: 75 Resp: 94765

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

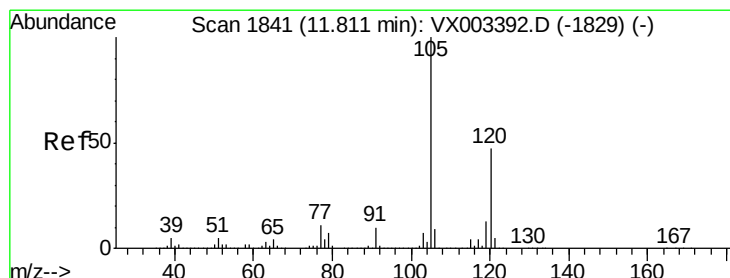
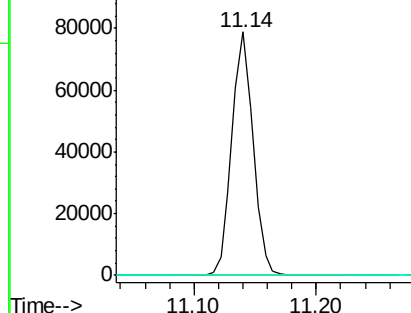
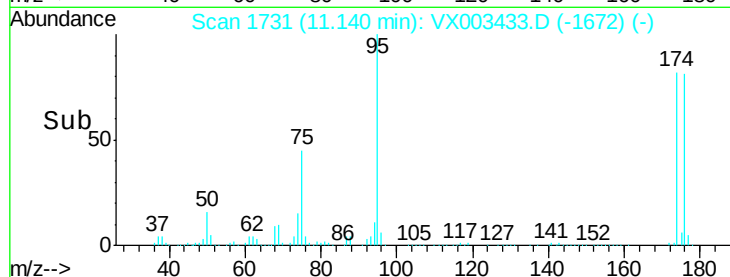
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#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

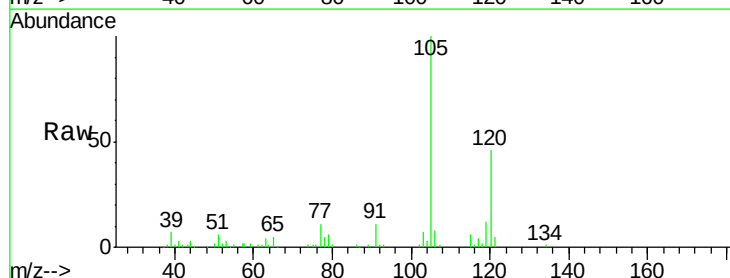
Acq: 17 Jul 2018 17:41

Tgt Ion: 105 Resp: 18483

Ion Ratio Lower Upper

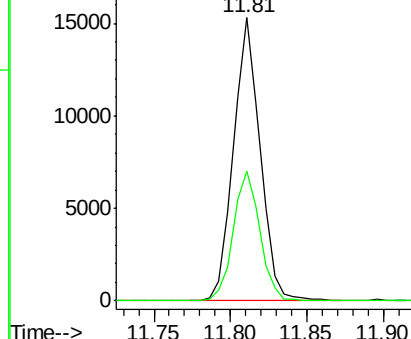
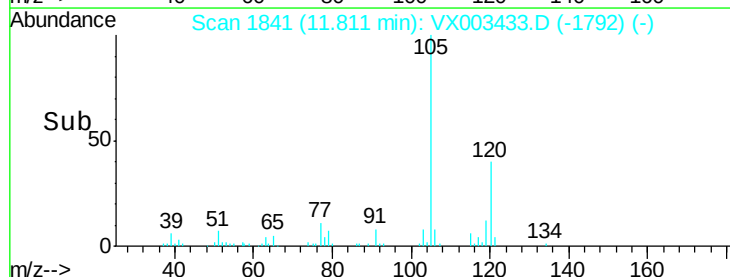
105 100

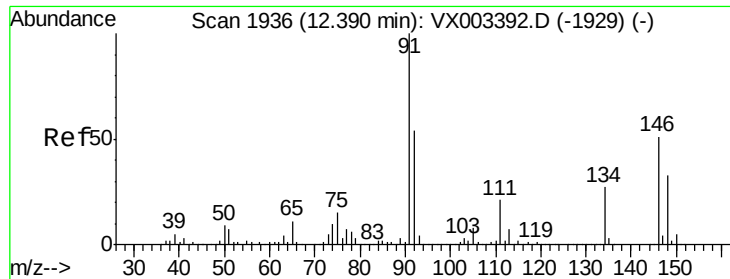
120 45.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.23 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003433.D

Acq: 17 Jul 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-D

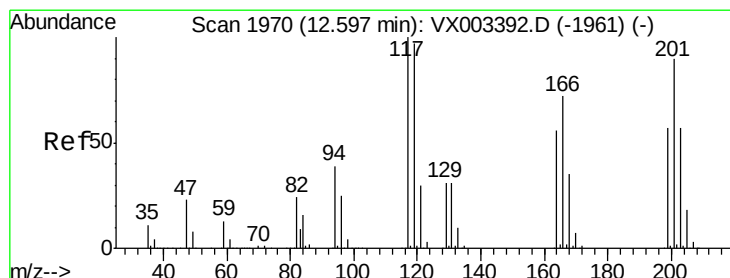
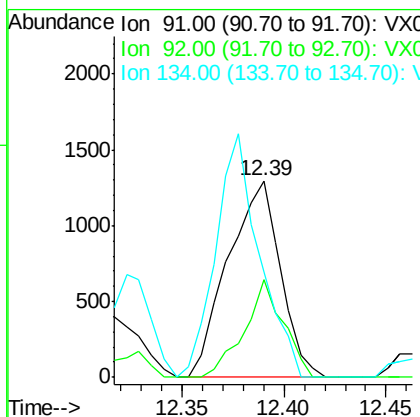
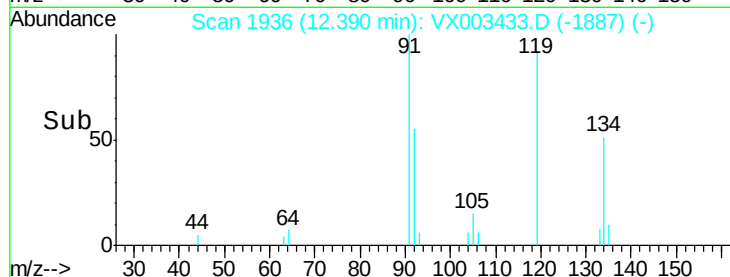
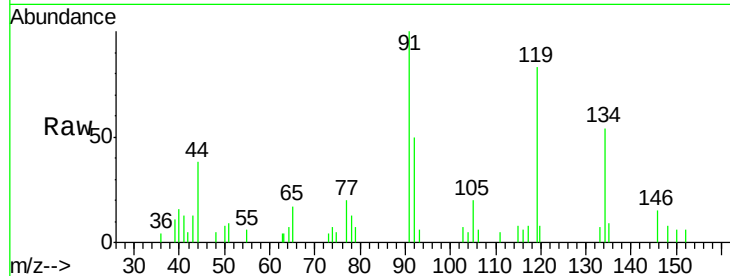
Tot Ion: 91 Resp: 2313

Ion Ratio Lower Upper

91 100

92 37.0 26.0 78.0

134 102.8 13.5 40.5#



#90

Hexachloroethane

Concen: 0.20 ug/l

RT: 12.58 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VX003433.D

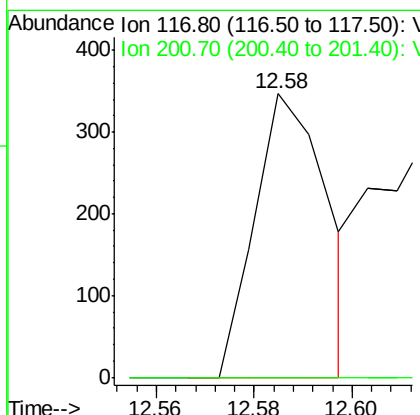
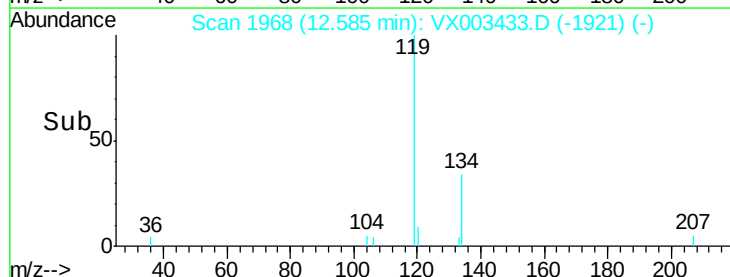
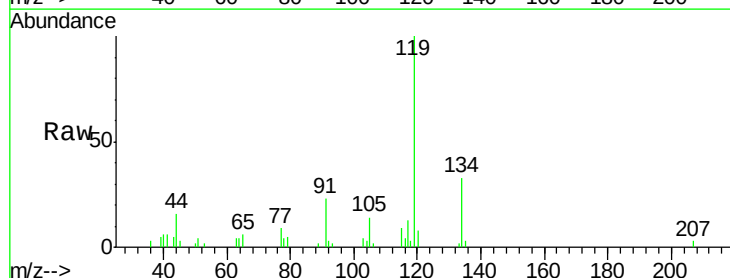
Acq: 17 Jul 2018 17:41

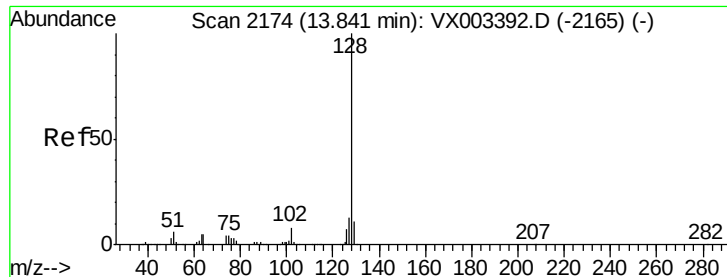
Tgt Ion: 117 Resp: 358

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#

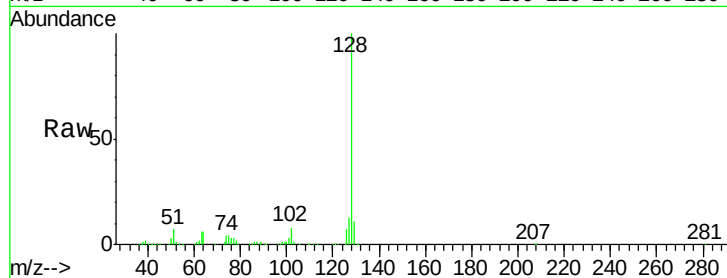




#95
Naphthalene
Concen: 10.65 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003433.D
Acq: 17 Jul 2018 17:41

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

