

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003378.D
 Acq On : 13 Jul 2018 22:54
 Operator : JC/MD
 Sample : J3821-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-071218-A

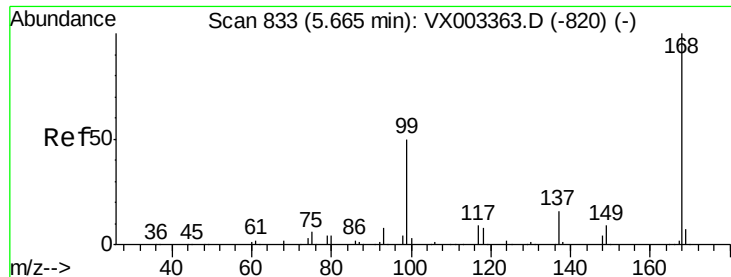
Quant Time: Jul 14 02:49:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	440954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215358	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	182337	56.51	ug/l	0.00
Spiked Amount			Recovery	=	113.02%	
35) Dibromofluoromethane	5.51	113	161860	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
50) Toluene-d8	8.72	98	617707	58.30	ug/l	0.00
Spiked Amount			Recovery	=	116.60%	
62) 4-Bromofluorobenzene	11.14	95	207493	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	132	Below Cal	#	43
3) Chloromethane	1.32	50	1338	Below Cal		97
5) Bromomethane	1.65	94	2660	1.23	ug/l	96
6) Chloroethane	1.73	64	431	Below Cal		95
8) Diethyl Ether	2.19	74	1022	0.42	ug/l	93
10) Methyl Iodide	2.52	142	2616	0.73	ug/l	91
11) Tert butyl alcohol	3.07	59	1232	1.44	ug/l	# 91
13) Acrolein	2.30	56	238	Below Cal	#	31
16) Acetone	2.45	43	27401	16.52	ug/l	# 86
18) Methyl Acetate	2.78	43	24449	4.75	ug/l	94
20) Methylene Chloride	2.86	84	22660	5.24	ug/l	92
25) 2-Butanone	4.71	43	3706	1.44	ug/l	92
29) Tetrahydrofuran	5.17	42	1292	0.79	ug/l	# 61
30) Chloroform	5.21	83	5537	0.87	ug/l	95
36) 1,1-Dichloropropene	5.67	75	18158	3.88	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	25570	5.35	ug/l	# 16
47) Bromodichloromethane	7.90	83	1891	0.40	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1193	0.23	ug/l	99
64) Tetrachloroethene	9.34	164	1545	0.36	ug/l	# 86
68) m/p-Xylenes	10.36	106	1583	0.25	ug/l	92
76) 1,2,3-Trichloropropane	11.14	75	99743	23.44	ug/l	# 33
80) 1,3,5-Trimethylbenzene	11.51	105	5735	0.46	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	99743	78.16	ug/l	# 6
84) 1,2,4-Trimethylbenzene	11.81	105	20517	1.64	ug/l	98
89) n-Butylbenzene	12.39	91	2745	0.25	ug/l	# 52
90) Hexachloroethane	12.59	117	606	0.31	ug/l	# 1
95) Naphthalene	13.83	128	67541	4.48	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

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ClientSampleId :

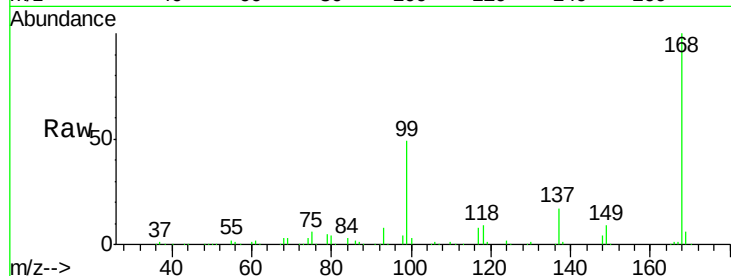
HR-05-071218-A

Tot Ion:168 Resp: 295526

Ion Ratio Lower Upper

168 100

99 48.9 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

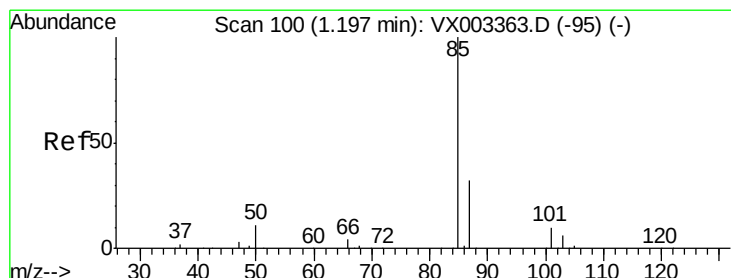
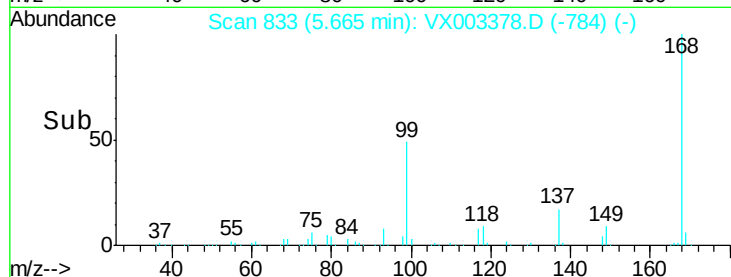
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX003378.D

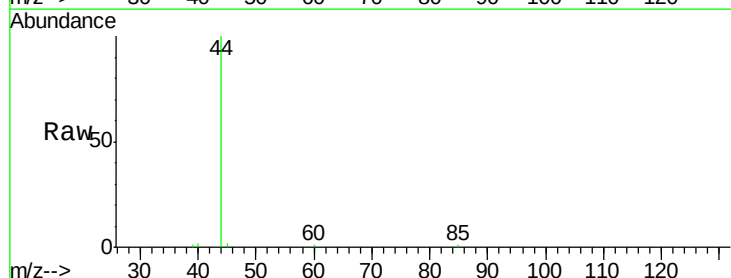
Acq: 13 Jul 2018 22:54

Tgt Ion: 85 Resp: 132

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

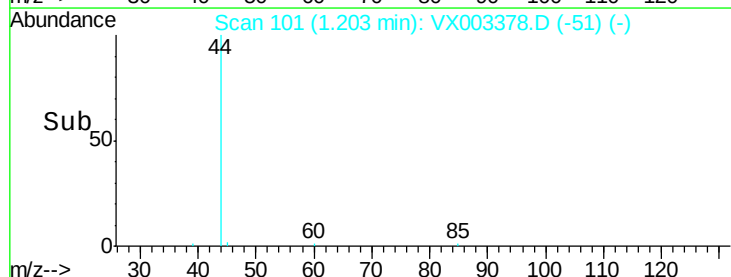
150

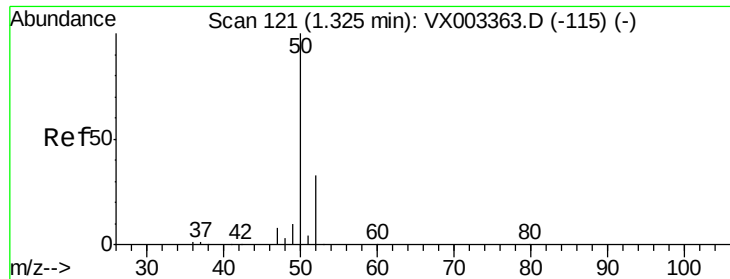
100

50

0

Time--> 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

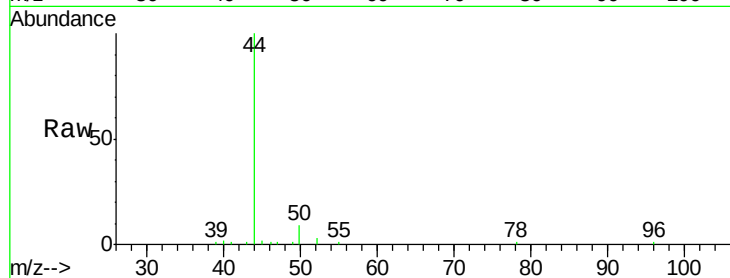
HR-05-071218-A

Tot Ion: 50 Resp: 1338

Ion Ratio Lower Upper

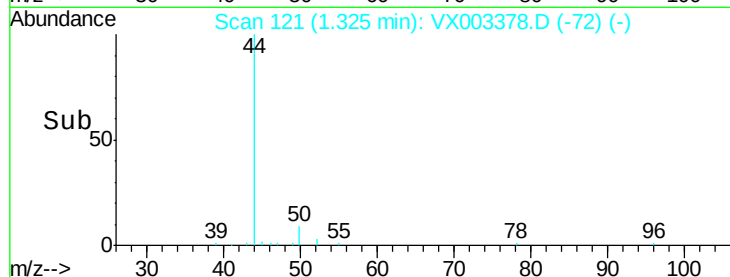
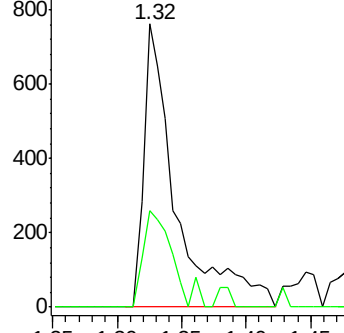
50 100

52 34.0 25.7 38.5

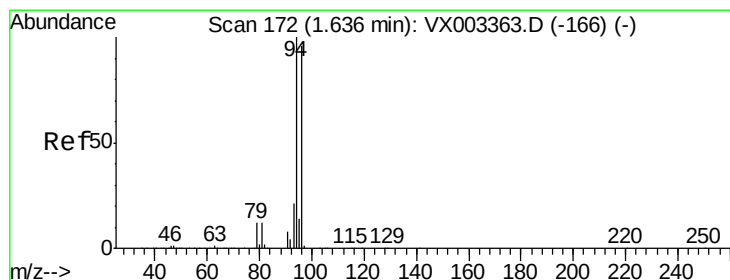


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: 1.23 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003378.D

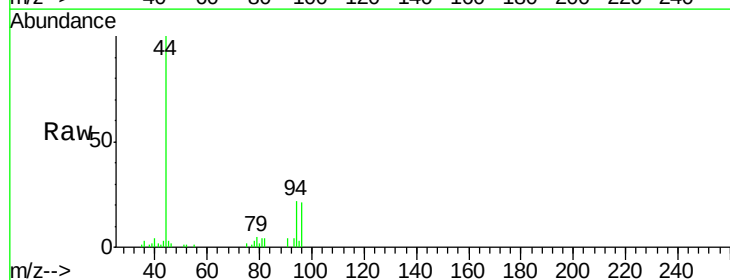
Acq: 13 Jul 2018 22:54

Tgt Ion: 94 Resp: 2660

Ion Ratio Lower Upper

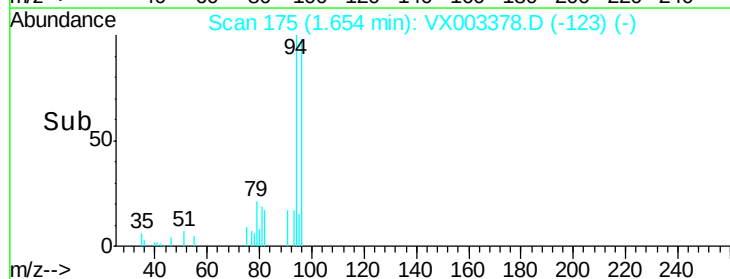
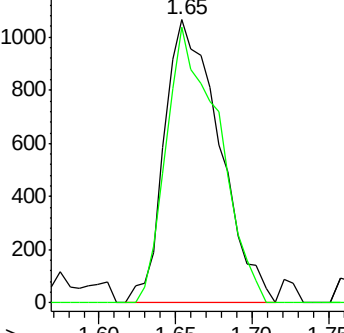
94 100

96 97.6 74.9 112.3

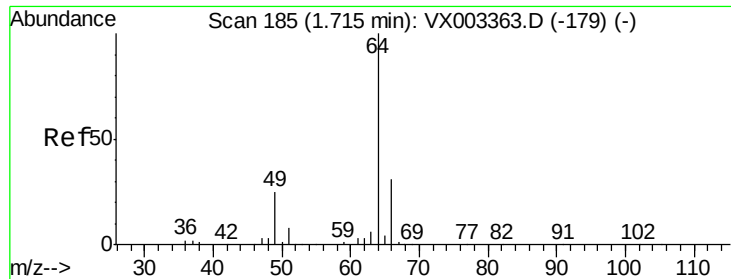


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

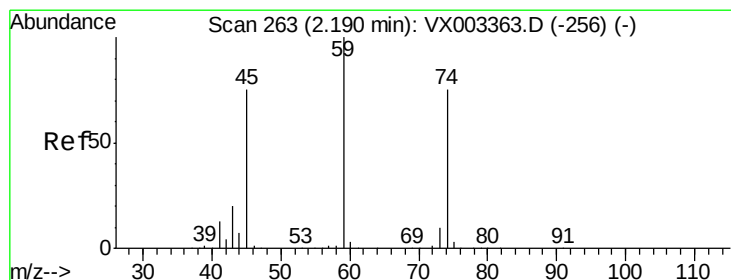
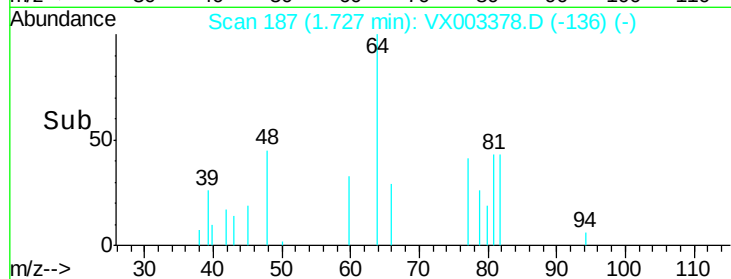
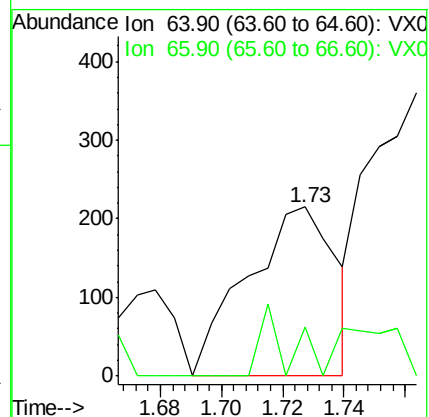
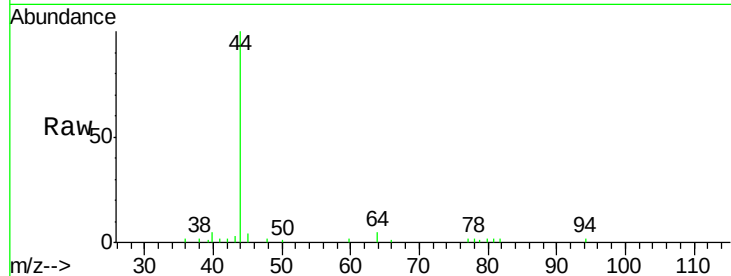
HR-05-071218-A

Tot Ion: 64 Resp: 431

Ion Ratio Lower Upper

64 100

66 29.3 25.5 38.3



#8

Diethyl Ether

Concen: 0.42 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003378.D

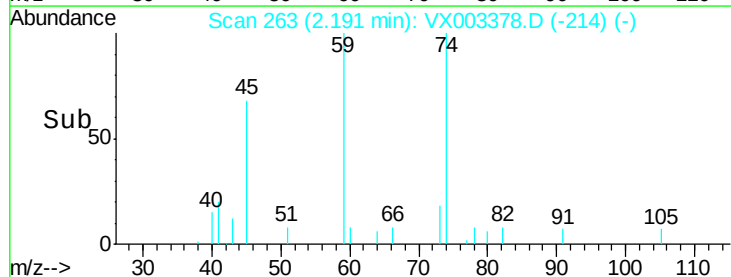
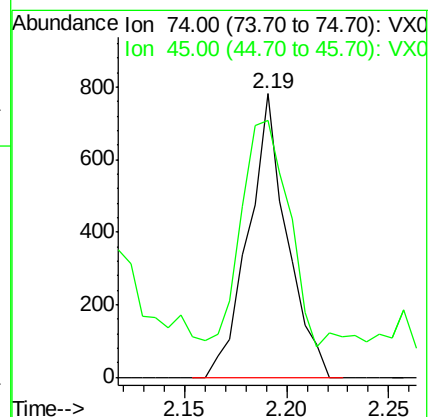
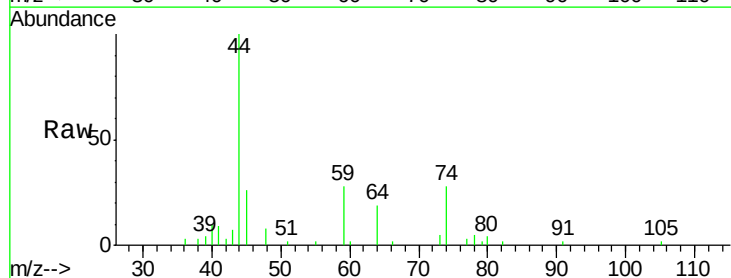
Acq: 13 Jul 2018 22:54

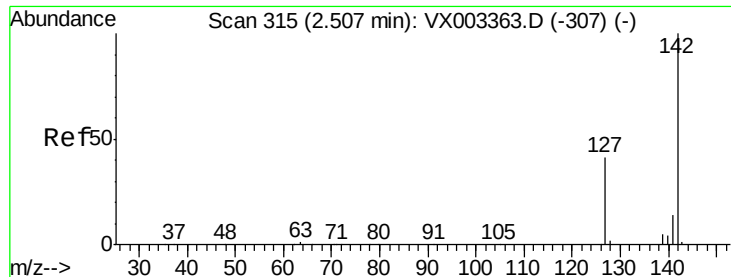
Tgt Ion: 74 Resp: 1022

Ion Ratio Lower Upper

74 100

45 98.5 53.1 159.4

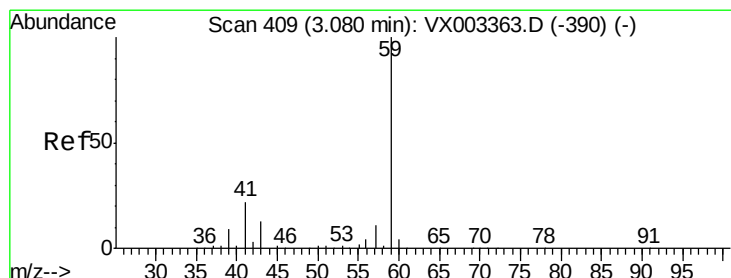
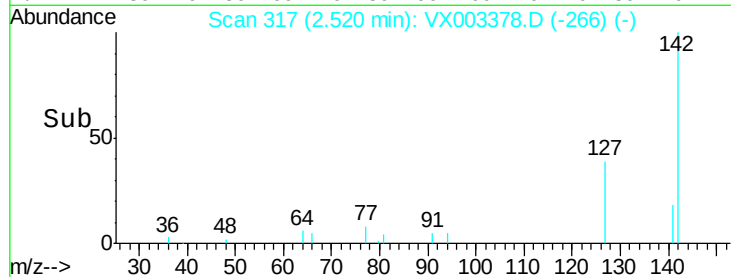
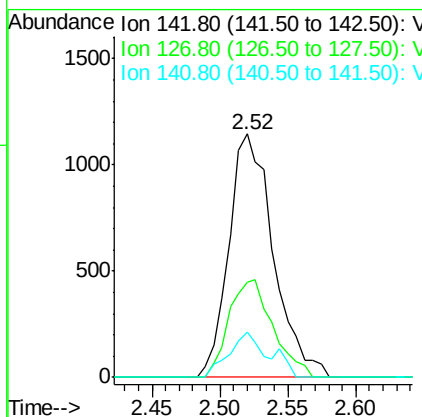
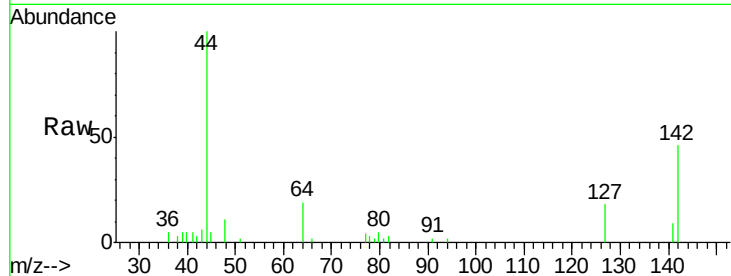




#10
Methvl Iodide
Concen: 0.73 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

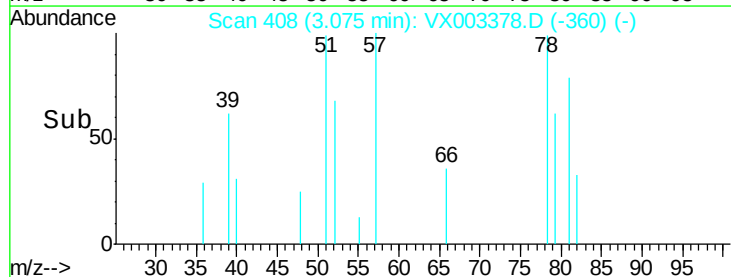
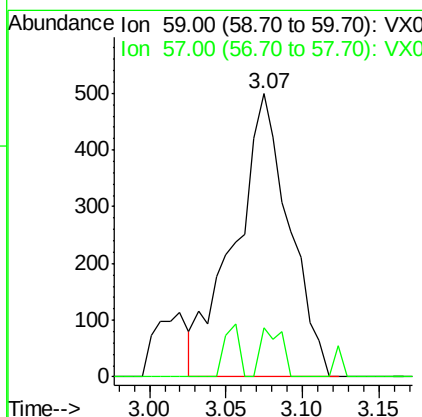
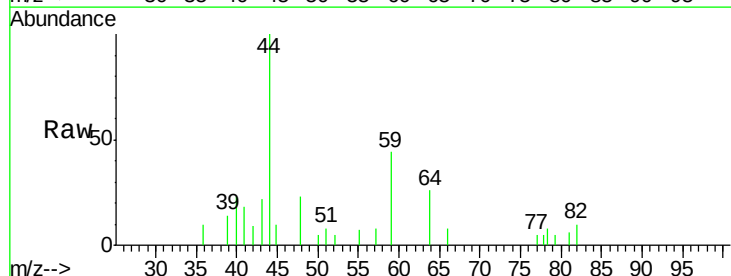
Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

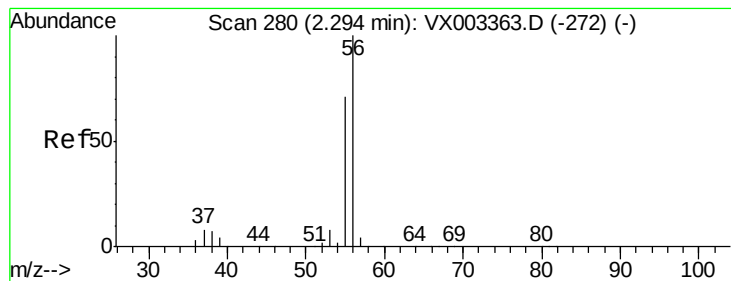
Tot Ion:142 Resp: 2616
Ion Ratio Lower Upper
142 100
127 39.5 36.6 55.0
141 16.6 11.3 16.9



#11
Tert butyl alcohol
Concen: 1.44 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 59 Resp: 1232
Ion Ratio Lower Upper
59 100
57 7.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

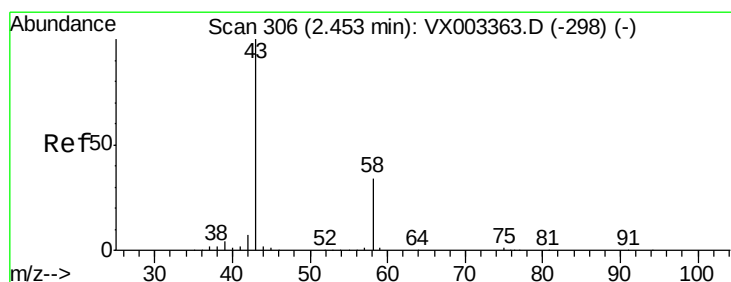
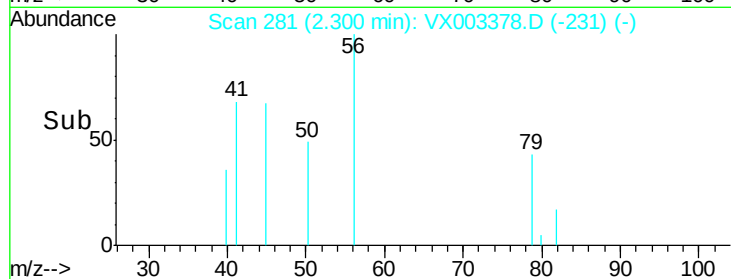
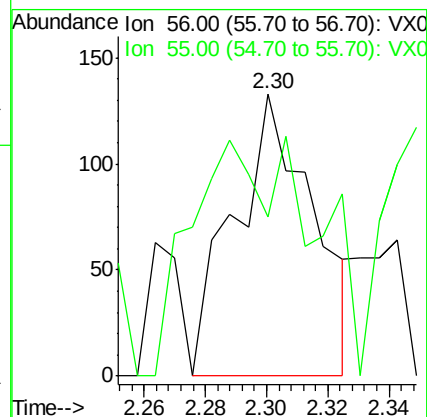
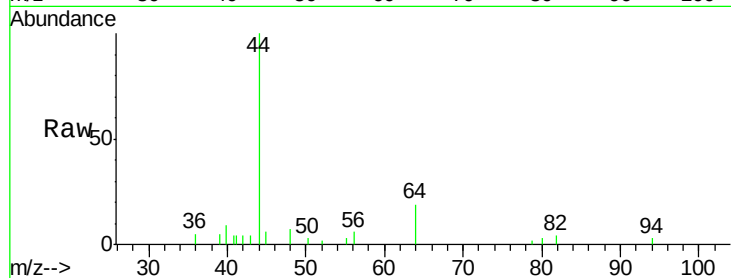
HR-05-071218-A

Tot Ion: 56 Resp: 238

Ion Ratio Lower Upper

56 100

55 128.6 57.0 85.4#



#16

Acetone

Concen: 16.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003378.D

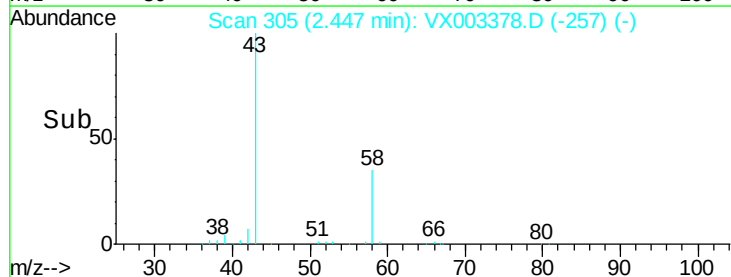
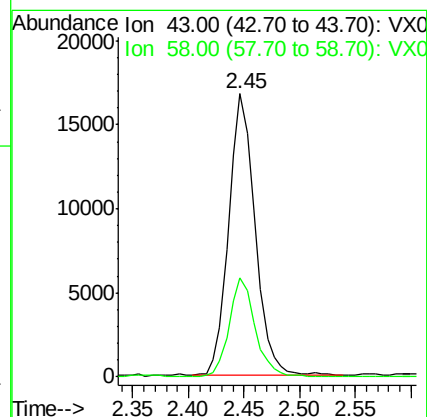
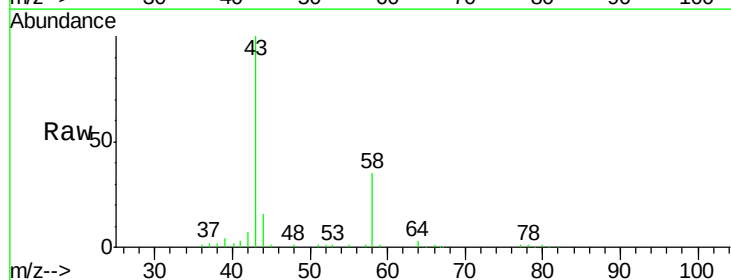
Acq: 13 Jul 2018 22:54

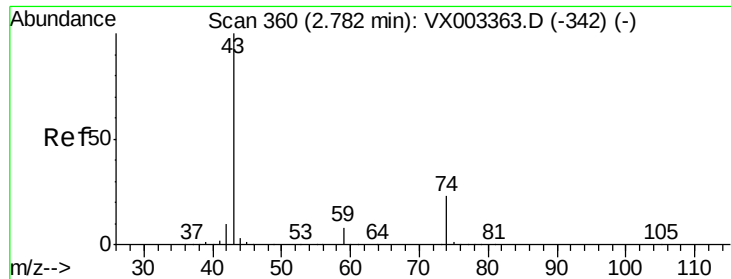
Tgt Ion: 43 Resp: 27401

Ion Ratio Lower Upper

43 100

58 35.2 22.1 33.1#





#18

Methvl Acetate

Concen: 4.75 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

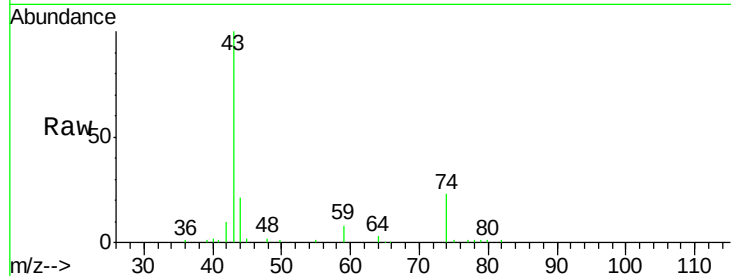
HR-05-071218-A

Tot Ion: 43 Resp: 24449

Ion Ratio Lower Upper

43 100

74 23.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

10000

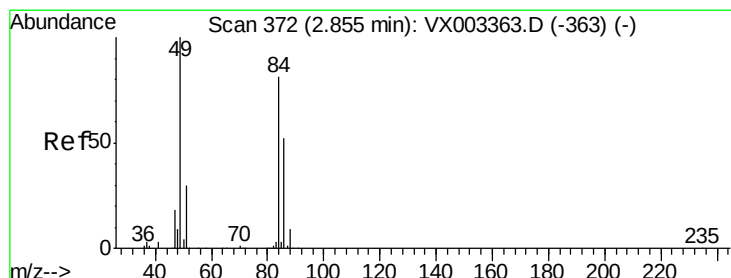
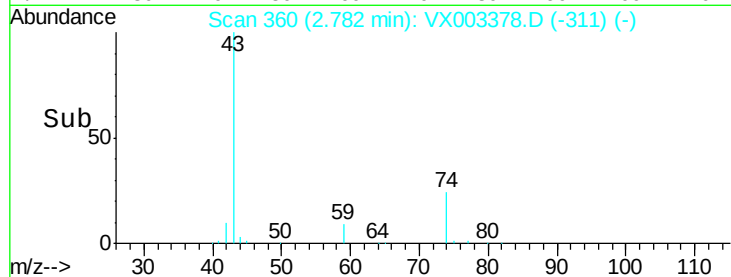
5000

0

Time-->

2.70 2.75 2.80 2.85

2.78



#20

Methylene Chloride

Concen: 5.24 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Tgt Ion: 84 Resp: 22660

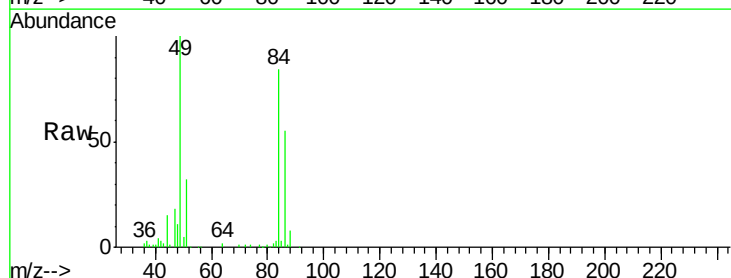
Ion Ratio Lower Upper

84 100

49 119.3 107.8 161.6

51 38.6 32.8 49.2

86 66.0 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

20000

15000

10000

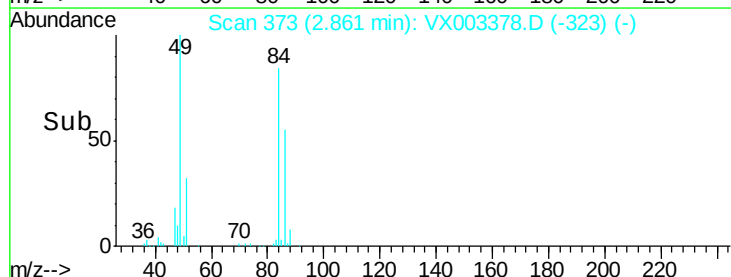
5000

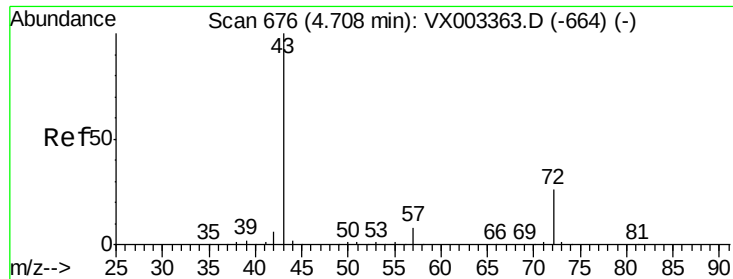
0

Time-->

2.75 2.80 2.85 2.90 2.95

2.86





#25

2-Butanone

Concen: 1.44 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

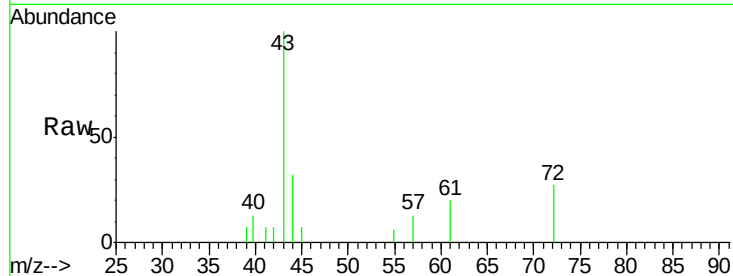
HR-05-071218-A

Tot Ion: 43 Resp: 3706

Ion Ratio Lower Upper

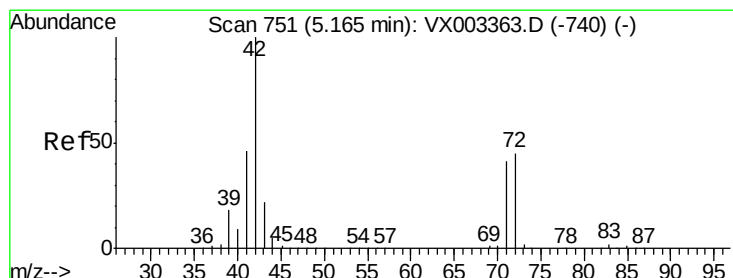
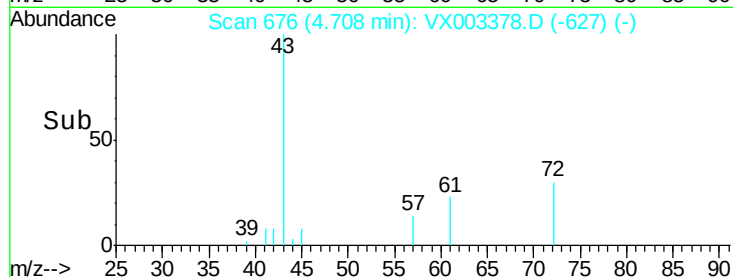
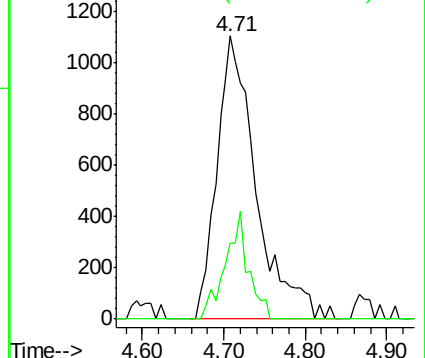
43 100

72 26.8 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: 0.79 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

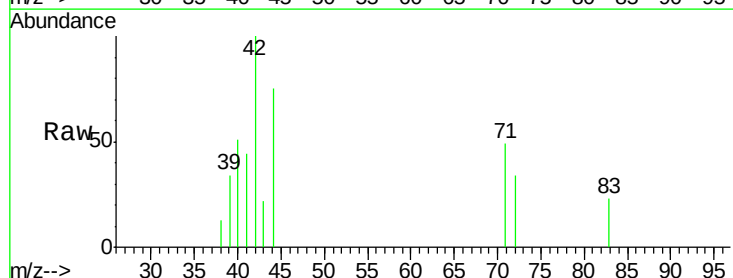
Tgt Ion: 42 Resp: 1292

Ion Ratio Lower Upper

42 100

72 29.6 32.0 48.0#

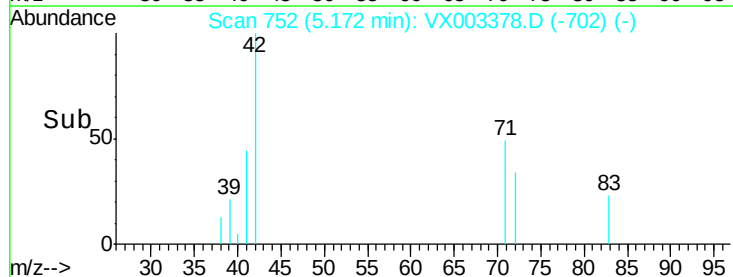
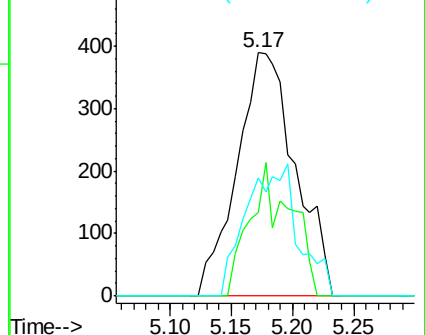
71 0.0 30.1 45.1#

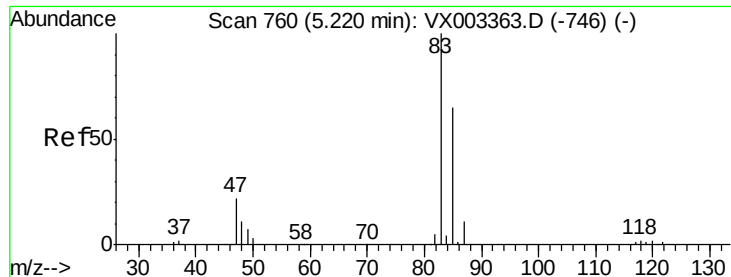


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 0.87 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

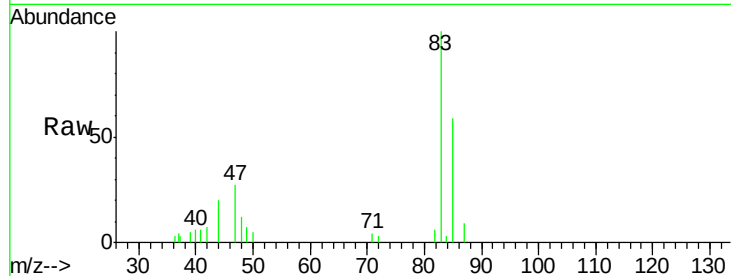
HR-05-071218-A

Tot Ion: 83 Resp: 5537

Ion Ratio Lower Upper

83 100

85 59.4 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

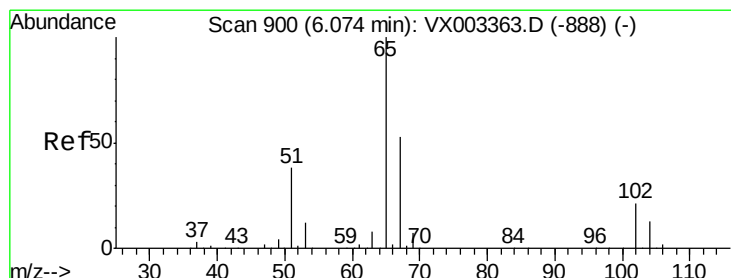
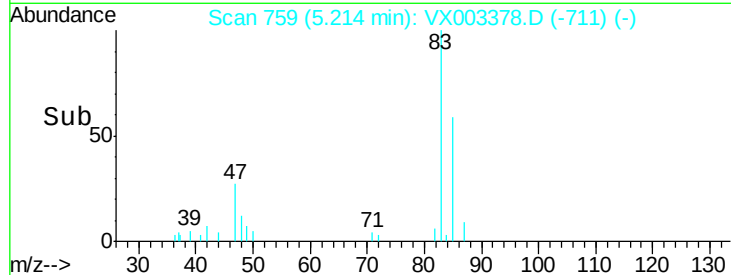
1500

1000

500

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.51 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003378.D

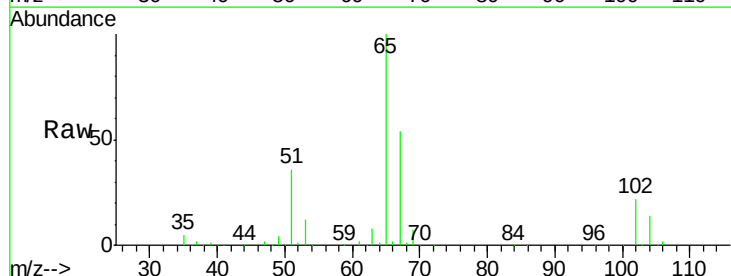
Acq: 13 Jul 2018 22:54

Tgt Ion: 65 Resp: 182337

Ion Ratio Lower Upper

65 100

67 54.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

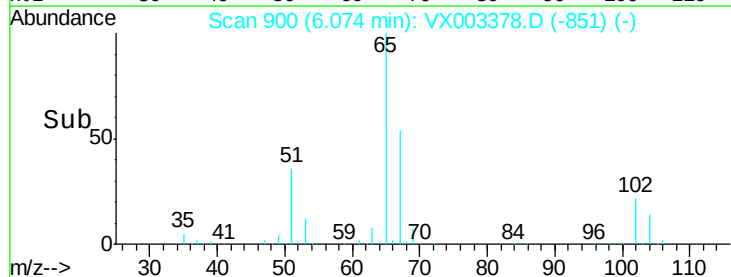
60000

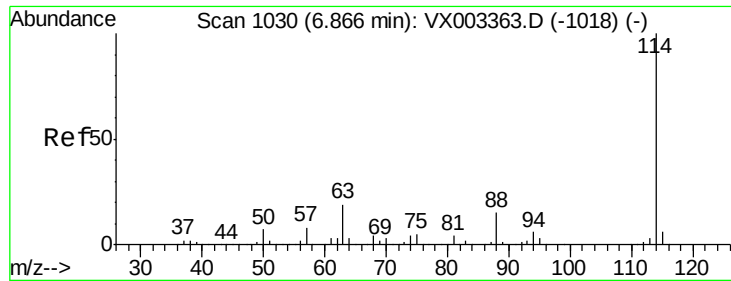
40000

20000

0

Time-->

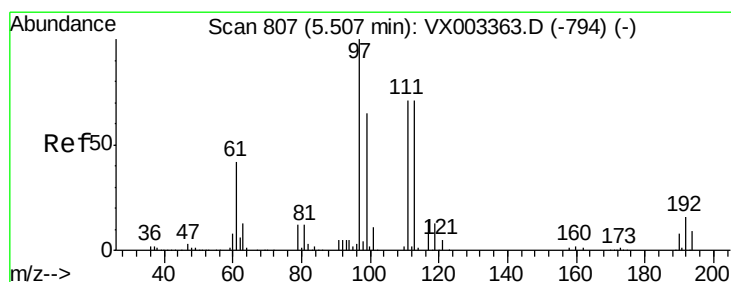
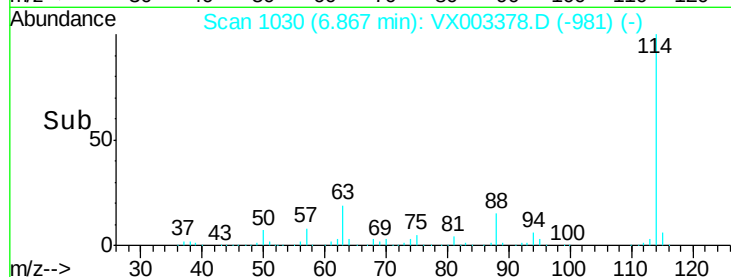
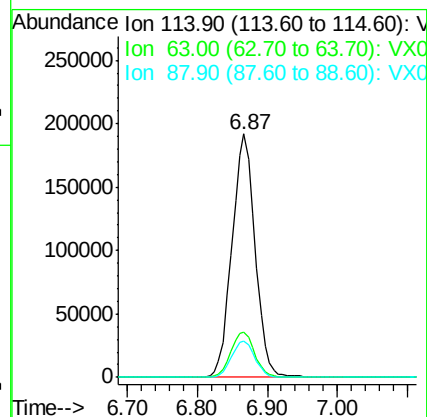
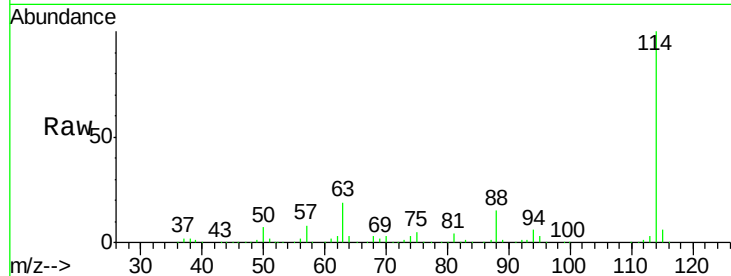




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

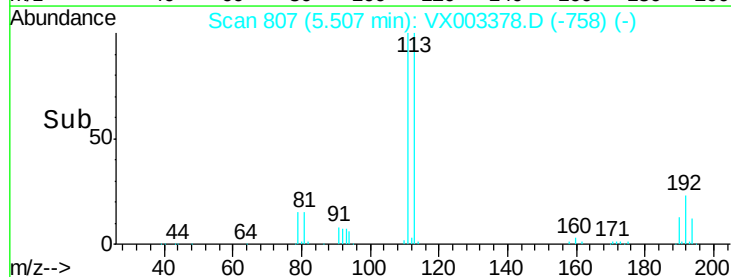
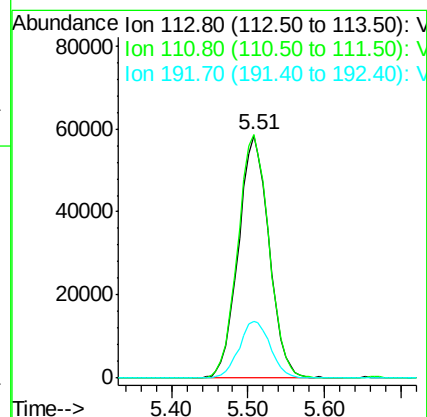
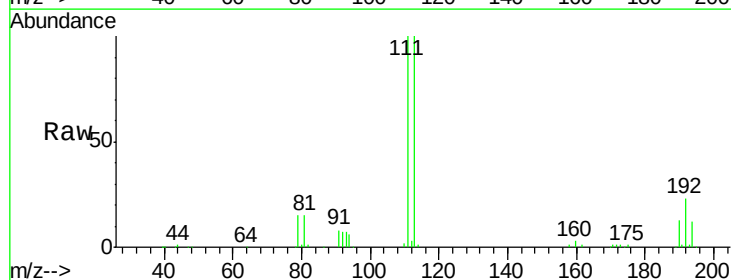
Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

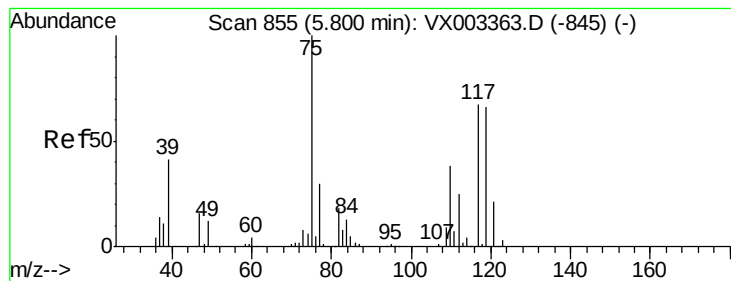
Tot Ion:114 Resp: 440954
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.4
88 14.9 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:113 Resp: 161860
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 24.0 19.1 28.7





#36

1,1-Dichloropropene

Concen: 3.88 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

HR-05-071218-A

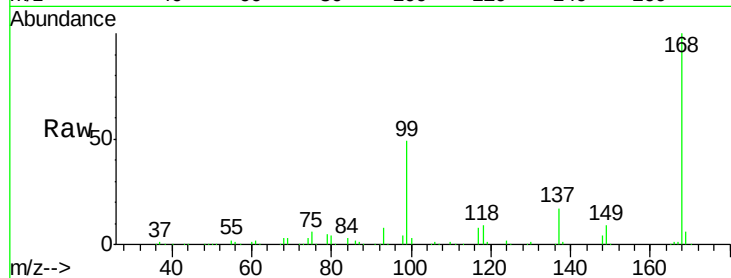
Tot Ion: 75 Resp: 18158

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

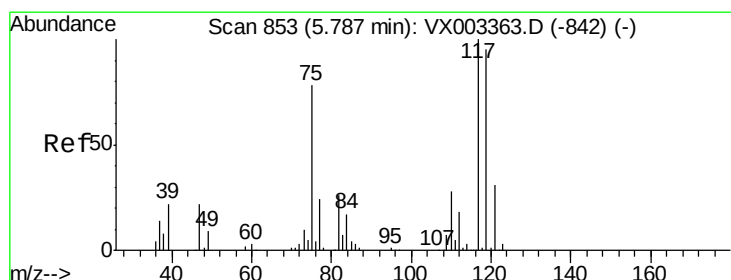
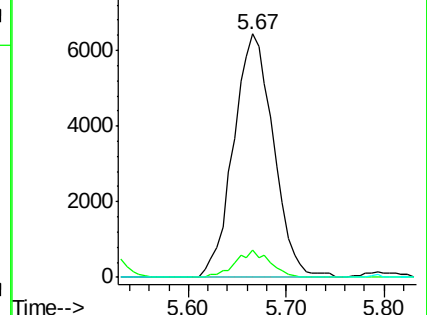
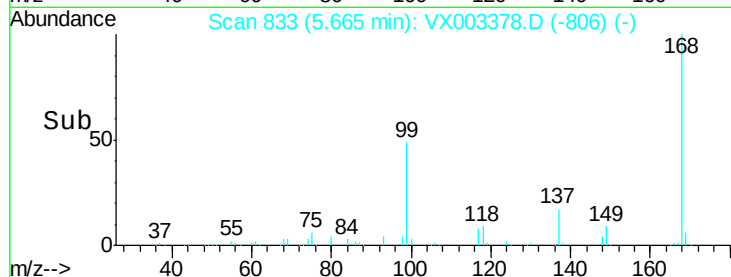
77 0.0 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.35 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

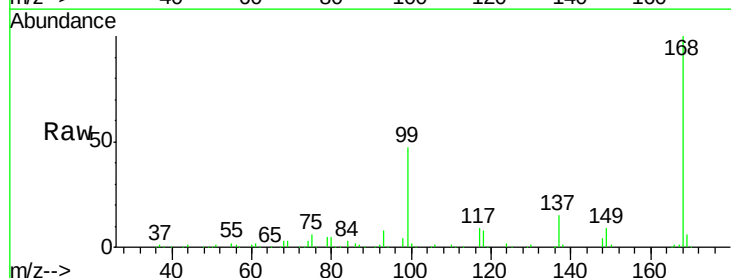
Tgt Ion: 117 Resp: 25570

Ion Ratio Lower Upper

117 100

119 5.4 77.4 116.0#

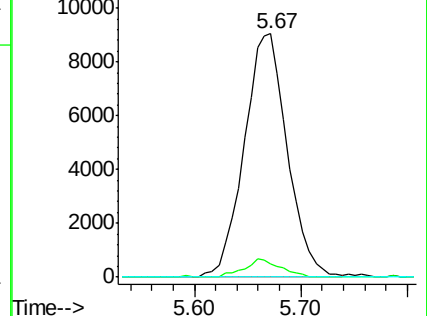
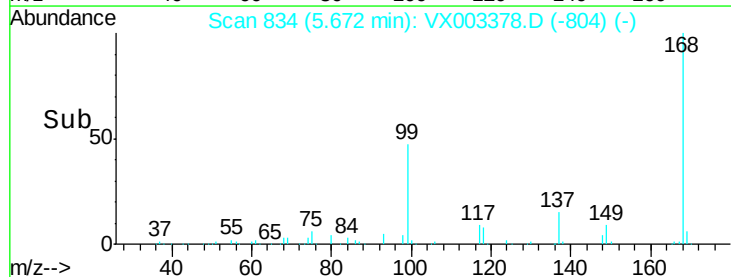
121 0.0 24.4 36.6#

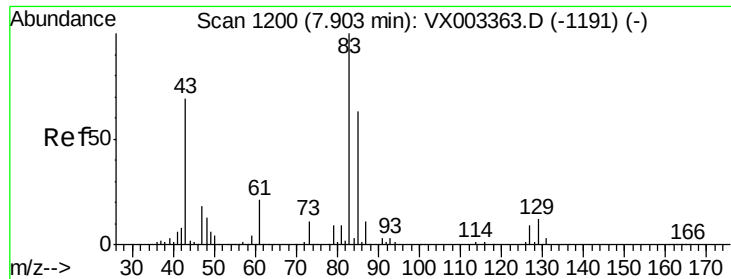


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#47

Bromodichloromethane

Concen: 0.40 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

HR-05-071218-A

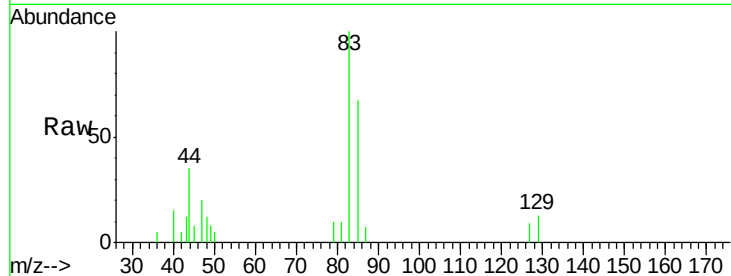
Tot Ion: 83 Resp: 1891

Ion Ratio Lower Upper

83 100

85 66.6 50.3 75.5

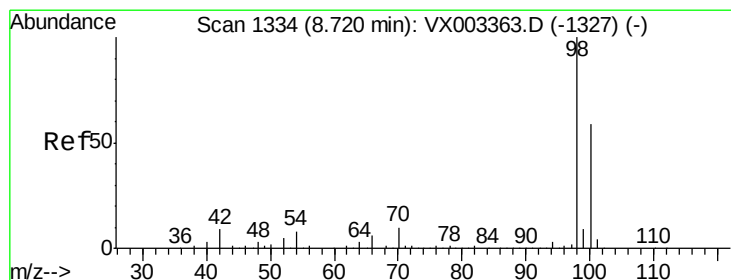
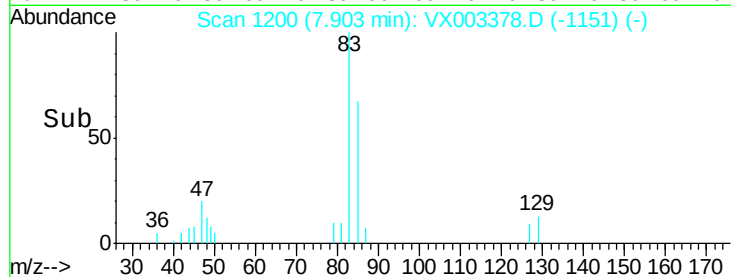
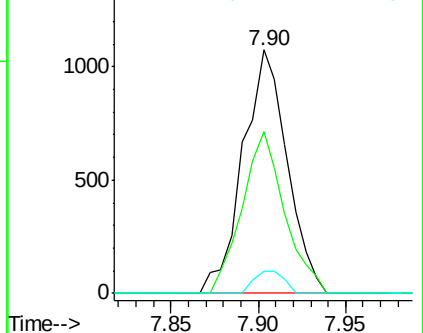
127 8.9 7.0 10.4



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



#50

Toluene-d8

Concen: 58.30 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003378.D

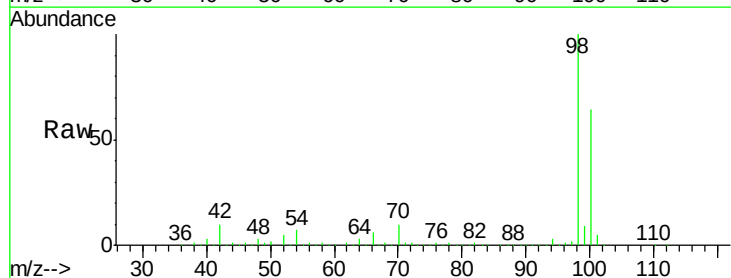
Acq: 13 Jul 2018 22:54

Tgt Ion: 98 Resp: 617707

Ion Ratio Lower Upper

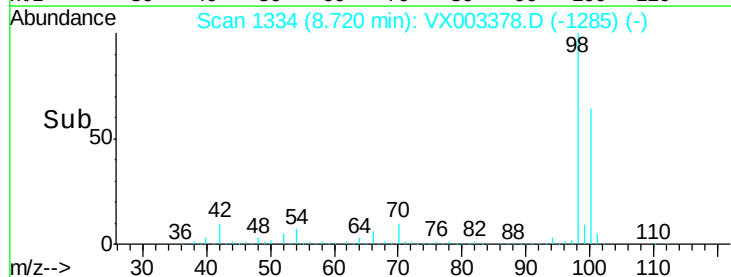
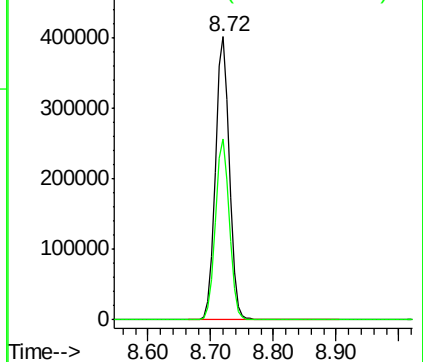
98 100

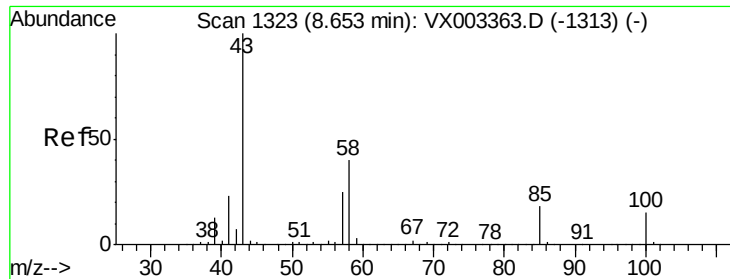
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.23 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

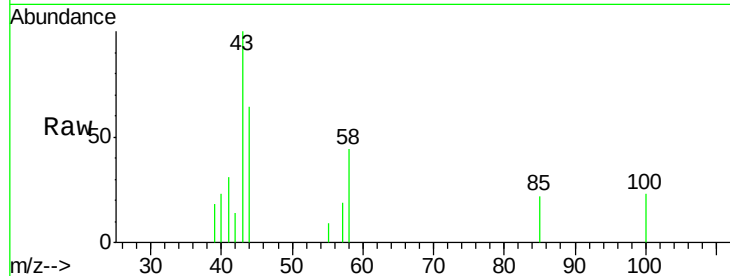
HR-05-071218-A

Tot Ion: 43 Resp: 1193

Ion Ratio Lower Upper

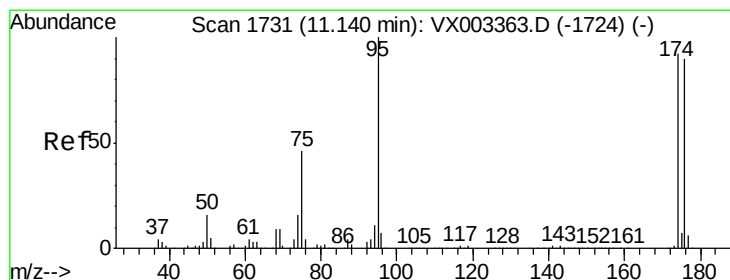
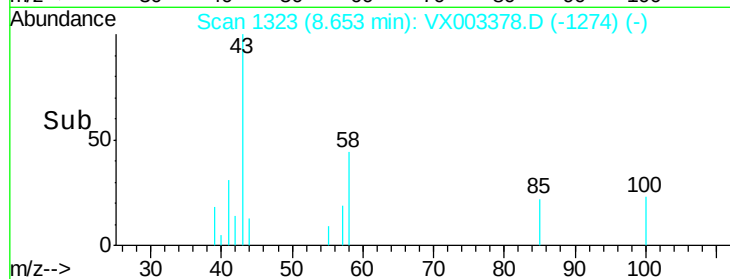
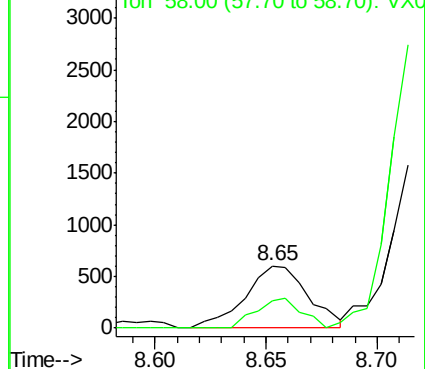
43 100

58 34.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

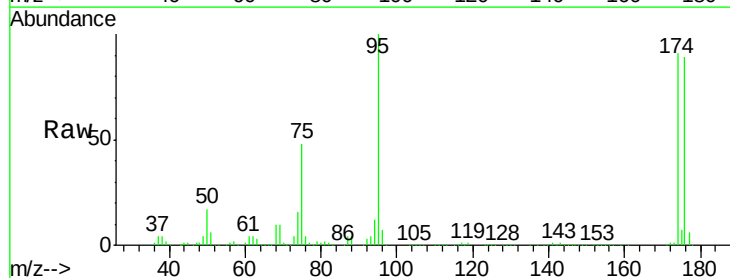
Tgt Ion: 95 Resp: 207493

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.4

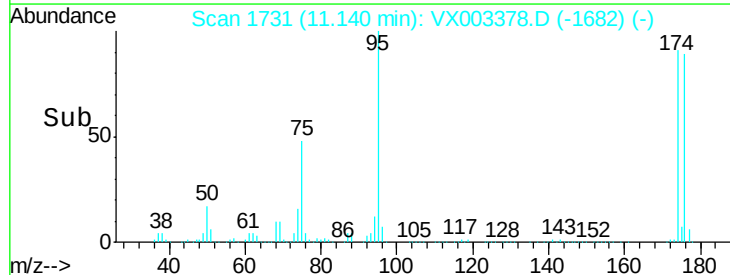
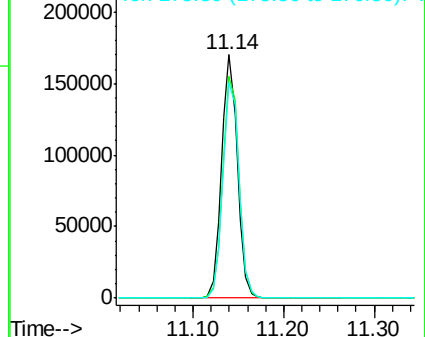
176 90.9 0.0 181.0

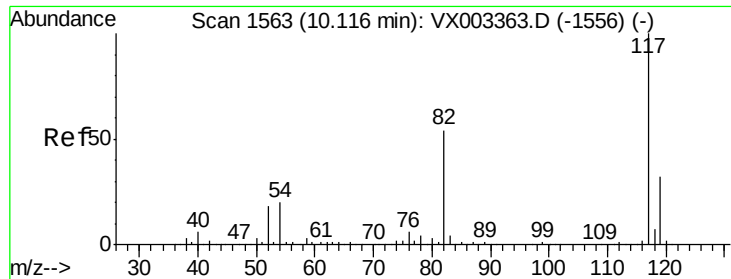


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

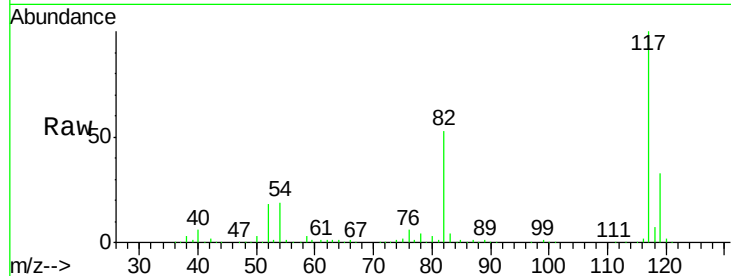




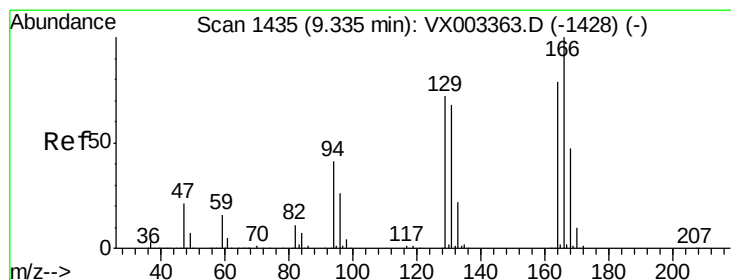
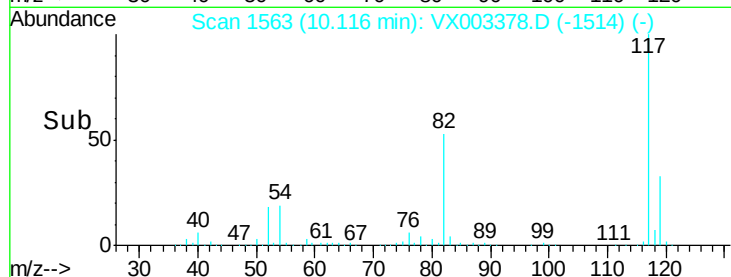
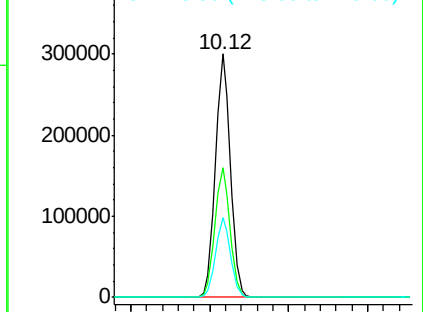
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tot Ion:117 Resp: 399050
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.8 25.8 38.6

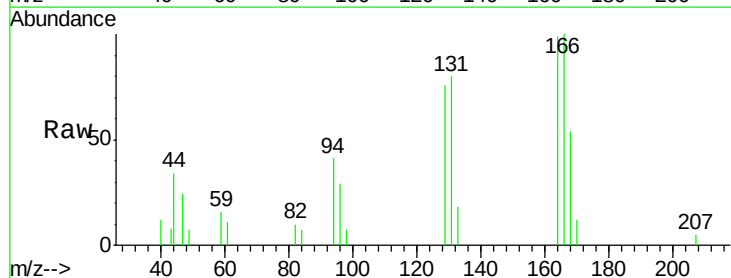


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

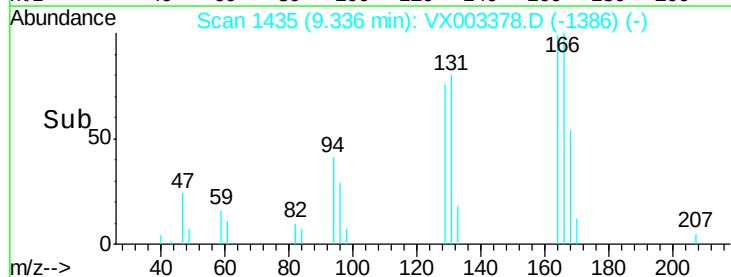
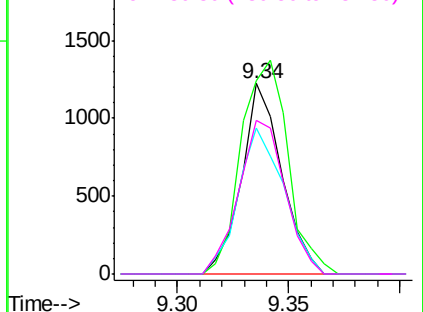


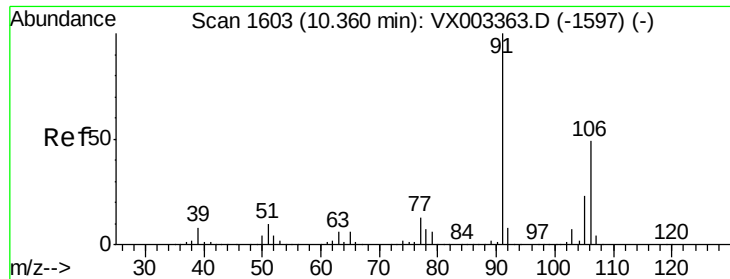
#64
Tetrachloroethene
Concen: 0.36 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:164 Resp: 1545
Ion Ratio Lower Upper
164 100
166 101.4 102.9 154.3#
129 76.9 68.6 102.8
131 80.7 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

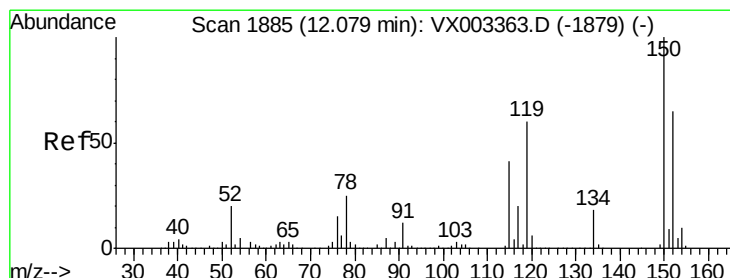
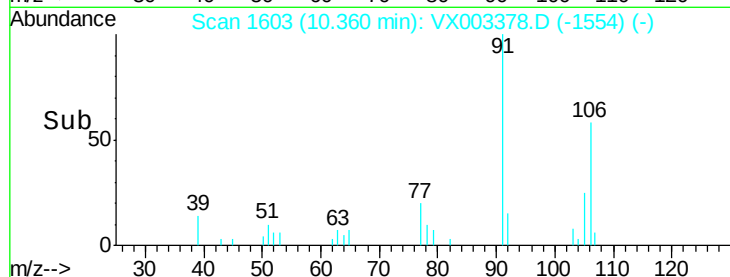
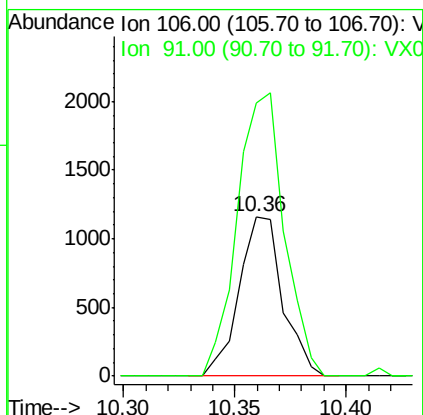
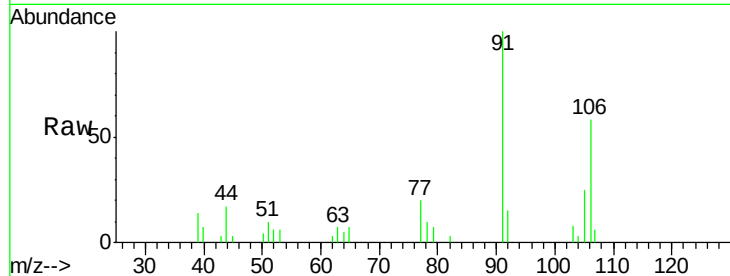




#68
m/p-Xvlenes
Concen: 0.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

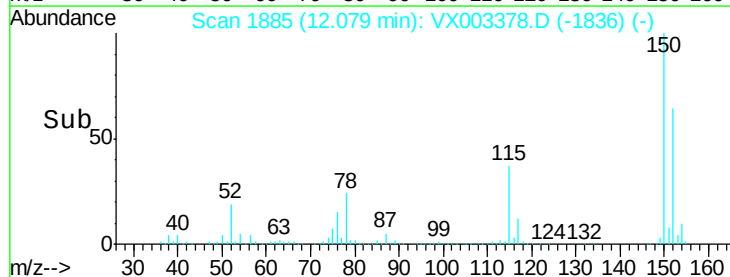
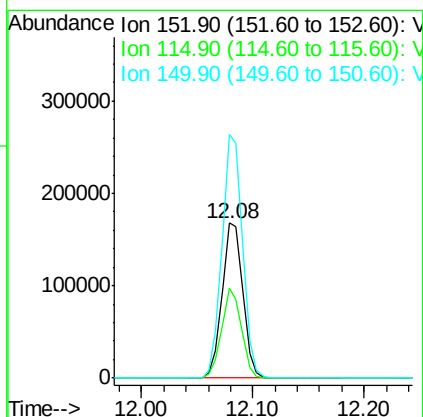
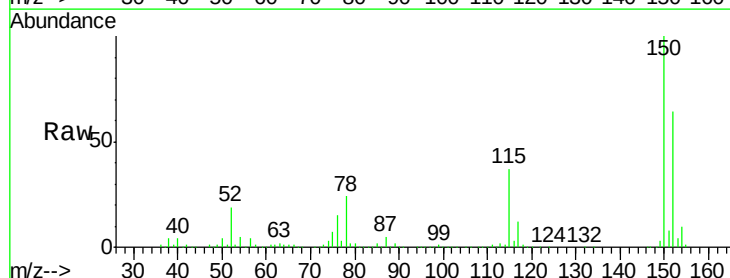
Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

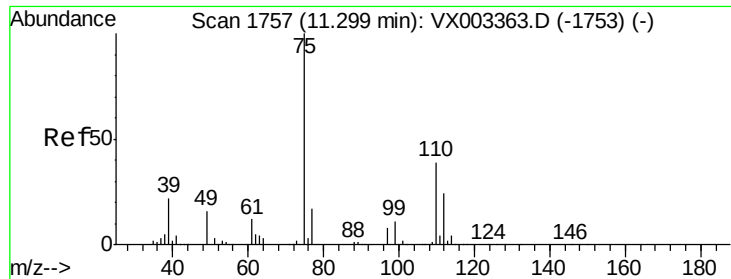
Tot Ion:106 Resp: 1583
Ion Ratio Lower Upper
106 100
91 191.8 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:152 Resp: 215358
Ion Ratio Lower Upper
152 100
115 55.4 40.1 120.2
150 156.2 0.0 347.2





#76

1,2,3-Trichloropropane

Concen: 23.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

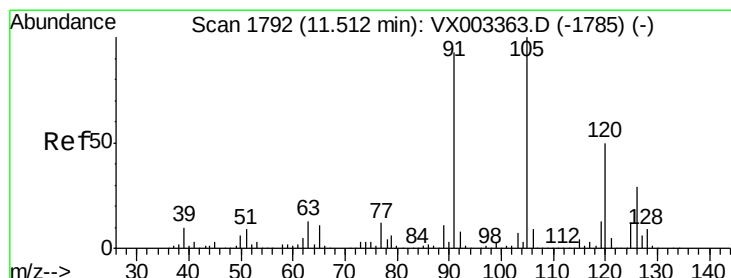
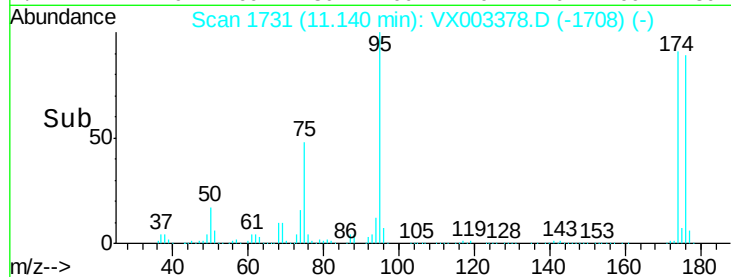
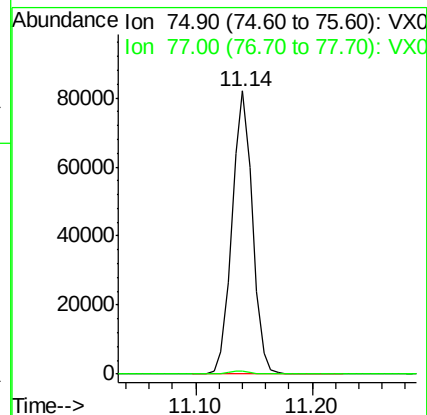
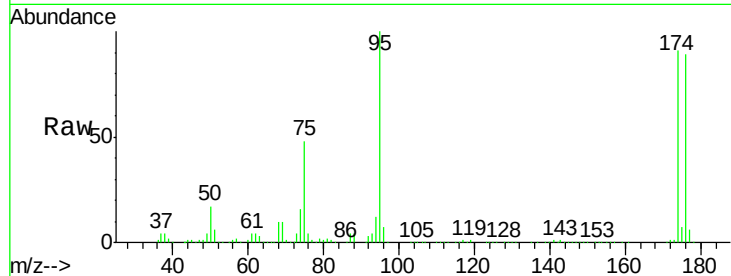
HR-05-071218-A

Tot Ion: 75 Resp: 99743

Ion Ratio Lower Upper

75 100

77 1.3 22.8 68.3#



#80

1,3,5-Trimethylbenzene

Concen: 0.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003378.D

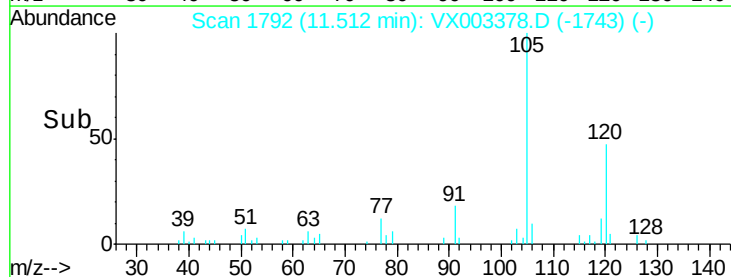
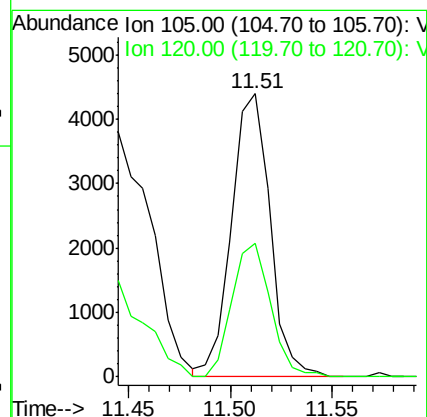
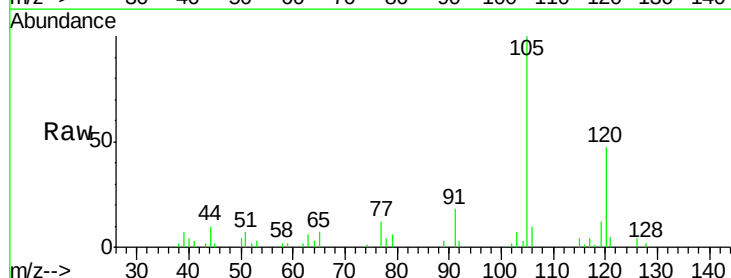
Acq: 13 Jul 2018 22:54

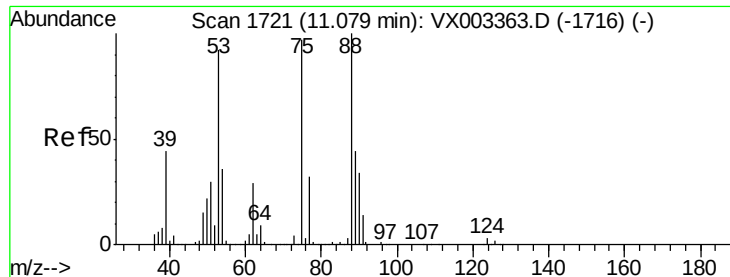
Tgt Ion: 105 Resp: 5735

Ion Ratio Lower Upper

105 100

120 47.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 78.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

HR-05-071218-A

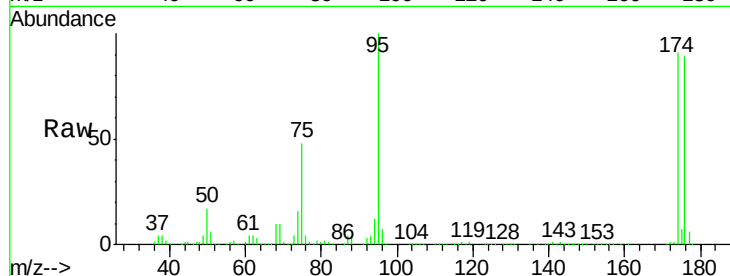
Tot Ion: 75 Resp: 99743

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

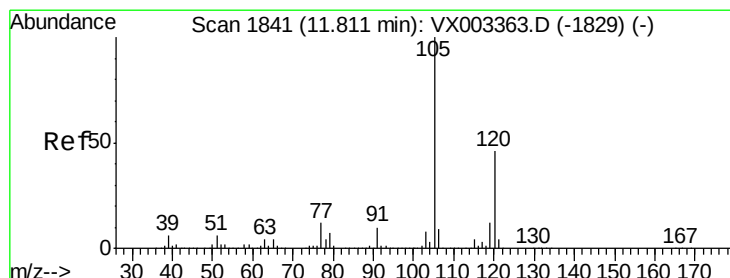
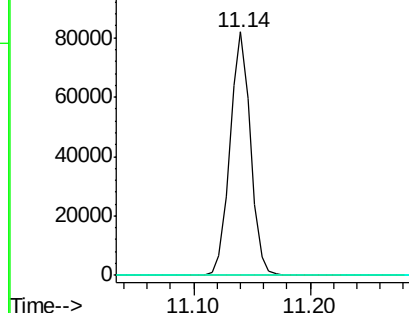
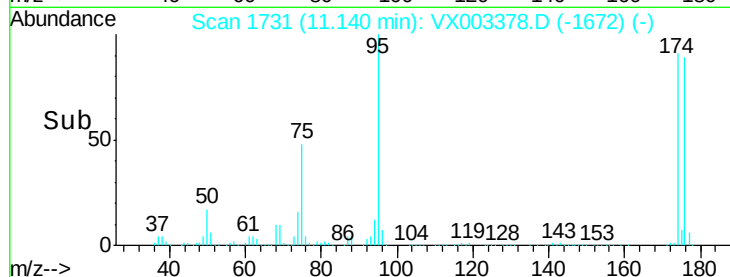
89 0.0 38.2 57.2#



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: 1.64 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003378.D

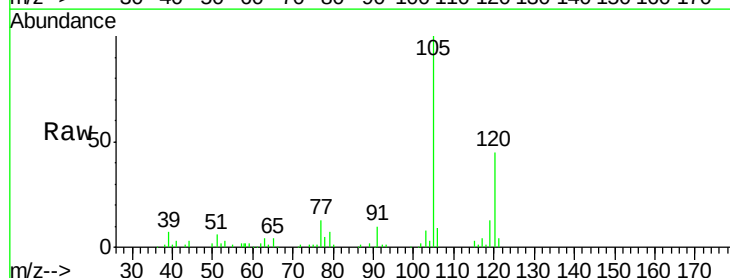
Acq: 13 Jul 2018 22:54

Tgt Ion: 105 Resp: 20517

Ion Ratio Lower Upper

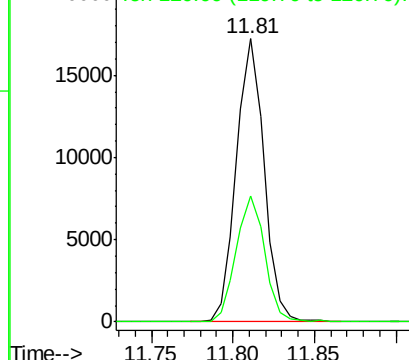
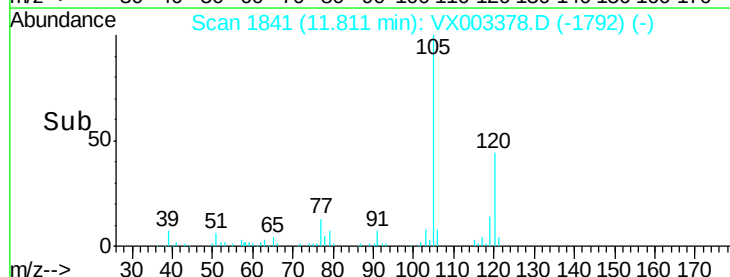
105 100

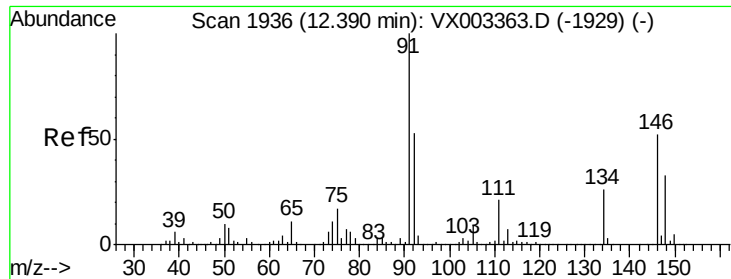
120 45.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.25 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

HR-05-071218-A

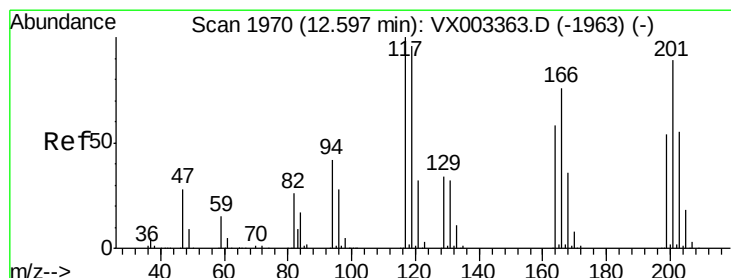
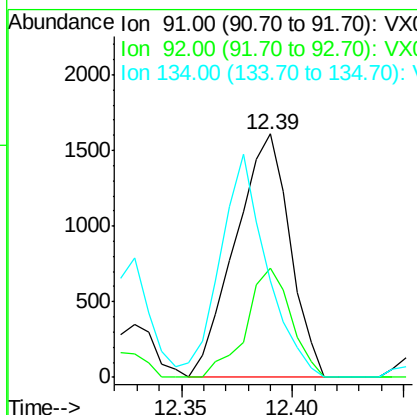
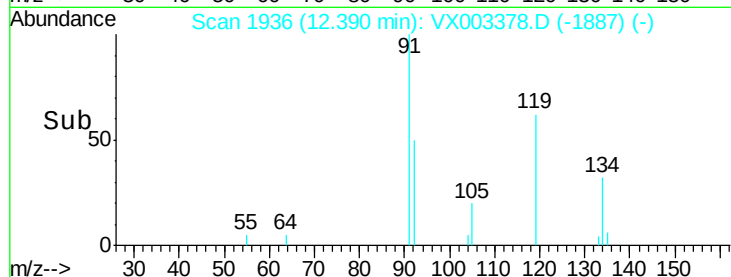
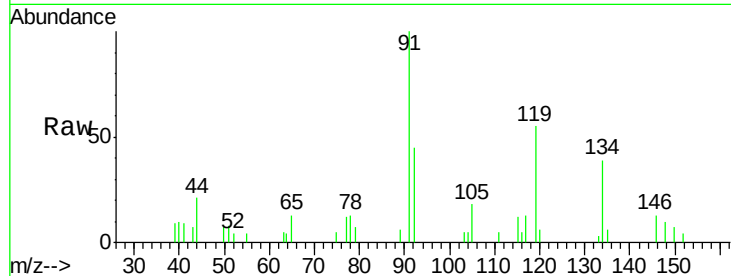
Tot Ion: 91 Resp: 2745

Ion Ratio Lower Upper

91 100

92 37.0 26.0 78.0

134 78.3 13.5 40.5#



#90

Hexachloroethane

Concen: 0.31 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003378.D

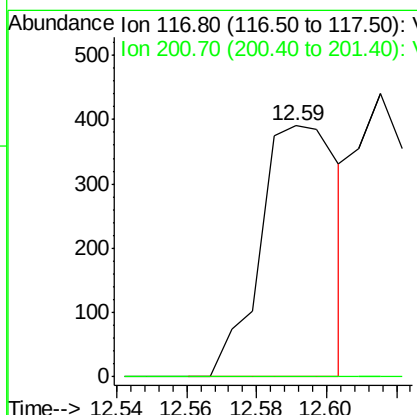
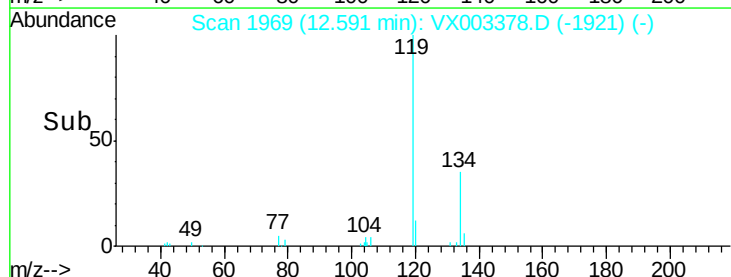
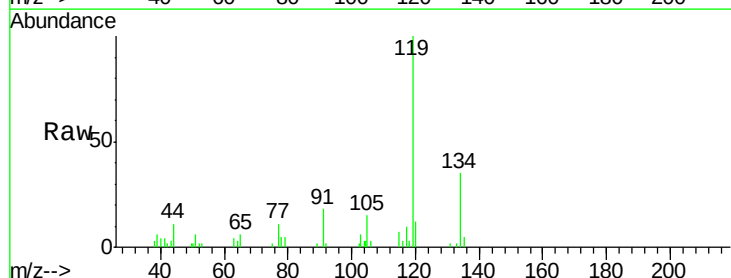
Acq: 13 Jul 2018 22:54

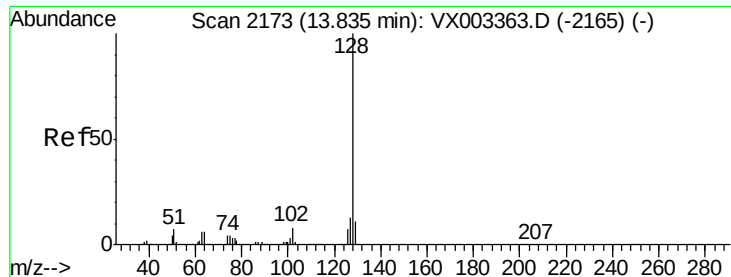
Tgt Ion: 117 Resp: 606

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#





#95

Naphthalene

Concen: 4.48 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003378.D

Acq: 13 Jul 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

HR-05-071218-A

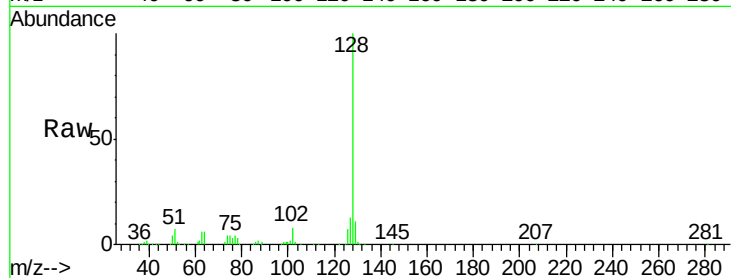
Tot Ion:128 Resp: 67541

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 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

