

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004178.D
 Acq On : 21 Aug 2018 16:17
 Operator : JC/MD
 Sample : J4271-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-C

Quant Time: Aug 22 00:56:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	443381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230206	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	209340	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
35) Dibromofluoromethane	5.50	113	176571	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	8.71	98	645637	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
62) 4-Bromofluorobenzene	11.14	95	223613	43.58	ug/l	0.00
Spiked Amount			Recovery	=	87.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1883	0.56	ug/l	# 83
5) Bromomethane	1.65	94	983	0.36	ug/l	90
6) Chloroethane	1.74	64	821	Below Cal	#	42
10) Methyl Iodide	2.51	142	829	5.23	ug/l	# 95
11) Tert butyl alcohol	3.06	59	498	0.63	ug/l	96
13) Acrolein	2.30	56	220	11.34	ug/l	# 81
16) Acetone	2.45	43	36777	17.98	ug/l	99
18) Methyl Acetate	2.78	43	6468	1.42	ug/l	94
20) Methylene Chloride	2.86	84	39614	11.38	ug/l	96
25) 2-Butanone	4.71	43	4535	1.36	ug/l	97
28) Bromochloromethane	5.20	49	577	0.20	ug/l	# 10
29) Tetrahydrofuran	5.16	42	1702	1.00	ug/l	# 80
30) Chloroform	5.21	83	6700	1.11	ug/l	100
31) Cyclohexane	5.67	56	5292	0.97	ug/l	# 1
36) 1,1-Dichloropropene	5.66	75	18735	3.53	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	24840	4.82	ug/l	# 16
41) Methacrylonitrile	5.17	41	1041	0.32	ug/l	# 43
43) Isopropyl Acetate	6.46	43	121668	14.29	ug/l	100
47) Bromodichloromethane	7.90	83	1469	0.29	ug/l	# 80
48) Methyl methacrylate	7.69	41	6896	1.61	ug/l	# 22
51) 4-Methyl-2-Pentanone	8.62	43	2545	0.36	ug/l	# 34
52) Toluene	8.79	92	4057	0.40	ug/l	94
54) cis-1,3-Dichloropropene	8.62	75	1291	0.21	ug/l	# 61
59) 2-Hexanone	9.45	43	1408	0.27	ug/l	# 22
64) Tetrachloroethene	9.34	164	1020	0.24	ug/l	88
67) Ethyl Benzene	10.25	91	14082	0.78	ug/l	92
68) m/p-Xylenes	10.36	106	15504	2.18	ug/l	97
69) o-Xylene	10.70	106	4264	0.63	ug/l	89
70) Styrene	10.71	104	2494	0.22	ug/l	# 88
74) N-amyl acetate	6.46	43	121668	16.60	ug/l	# 99
76) 1,2,3-Trichloropropane	11.14	75	108631	23.53	ug/l	# 36
80) 1,3,5-Trimethylbenzene	11.51	105	5064	0.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	108631	72.84	ug/l	# 9
84) 1,2,4-Trimethylbenzene	11.81	105	13463	1.02	ug/l	98

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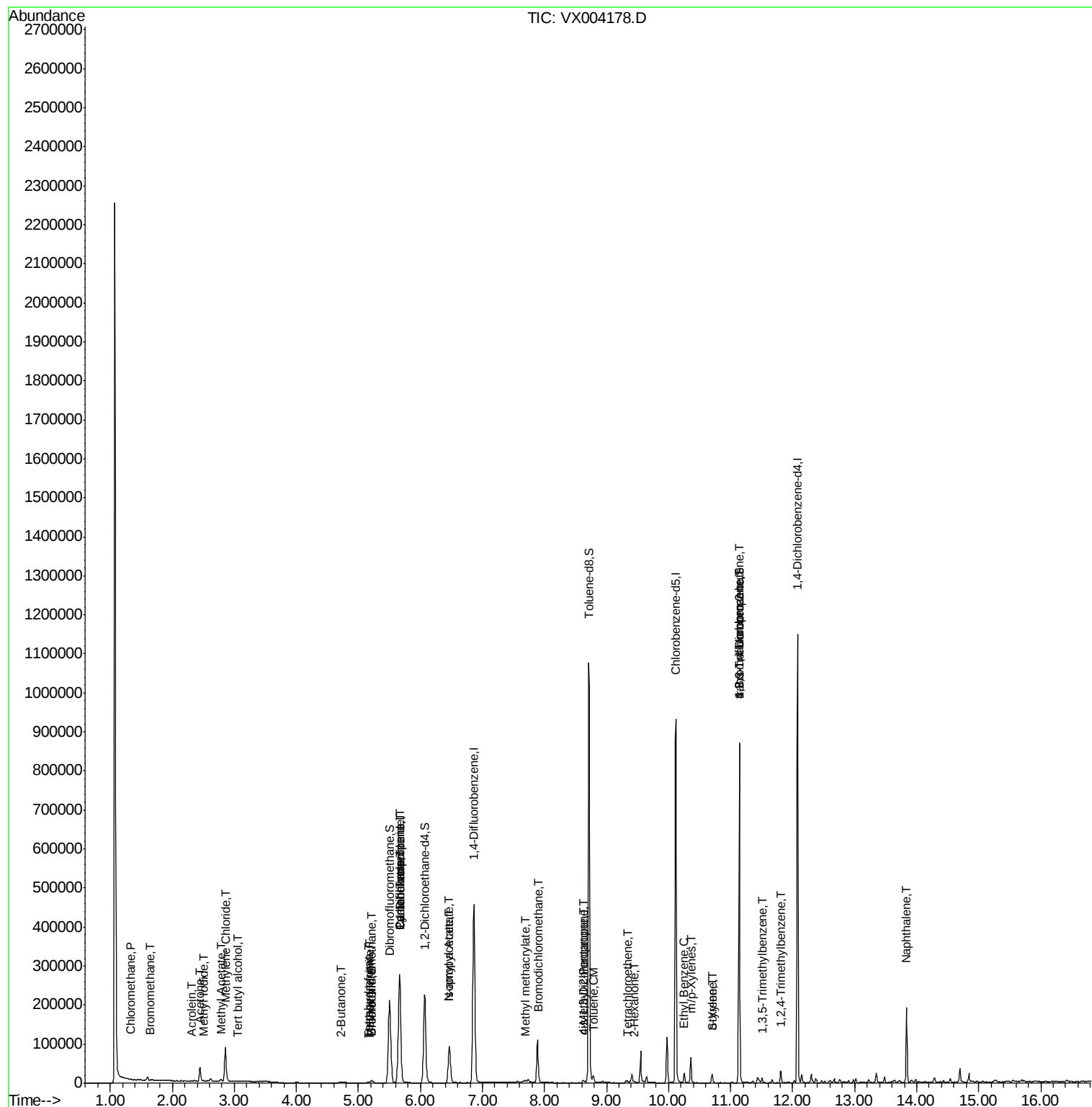
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	120883	8.48	ug/l	100

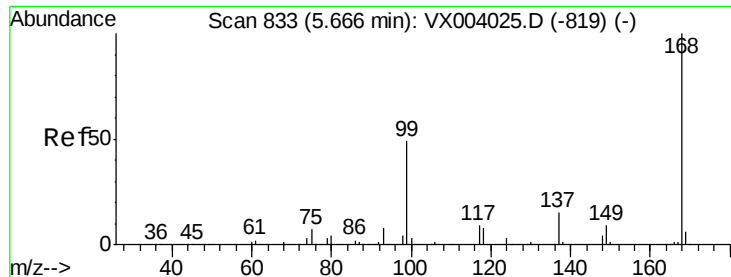
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

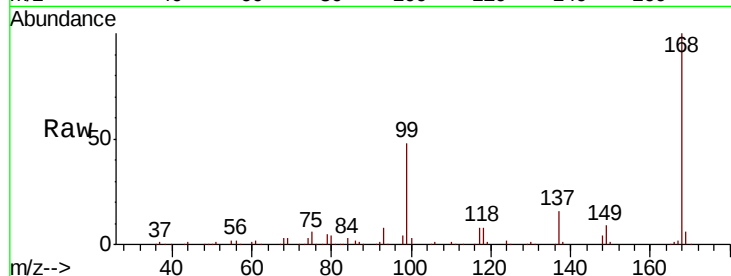
HR-06-082018-C

Tot Ion:168 Resp: 279235

Ion Ratio Lower Upper

168 100

99 48.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

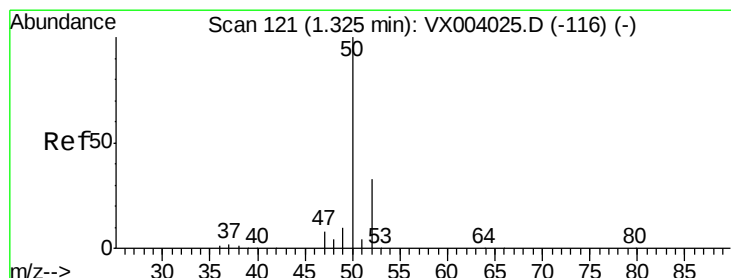
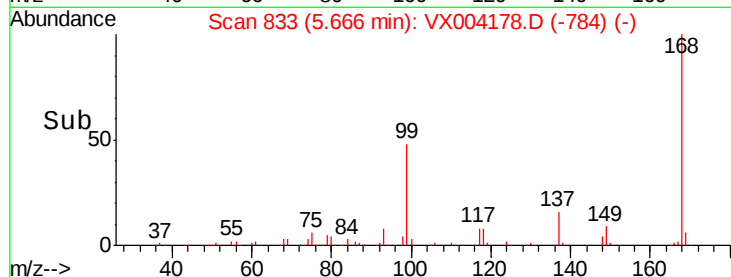
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.56 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004178.D

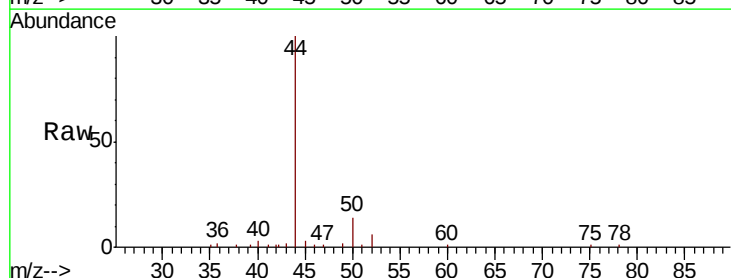
Acq: 21 Aug 2018 16:17

Tgt Ion: 50 Resp: 1883

Ion Ratio Lower Upper

50 100

52 42.9 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

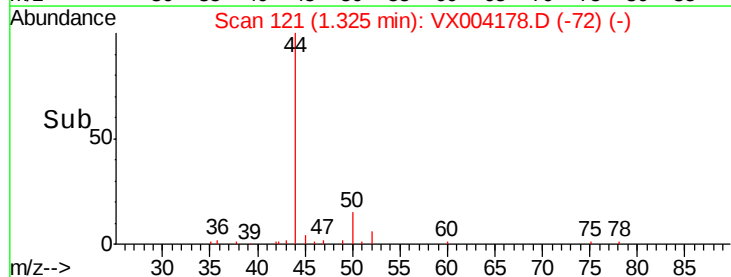
600

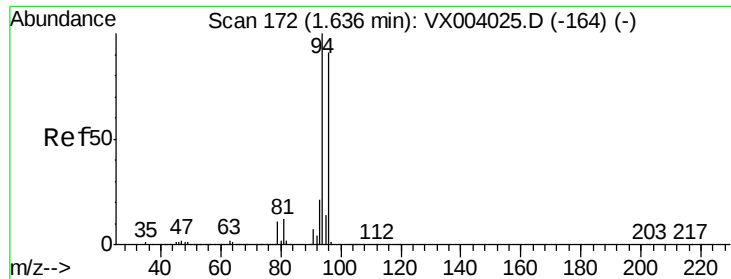
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.36 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

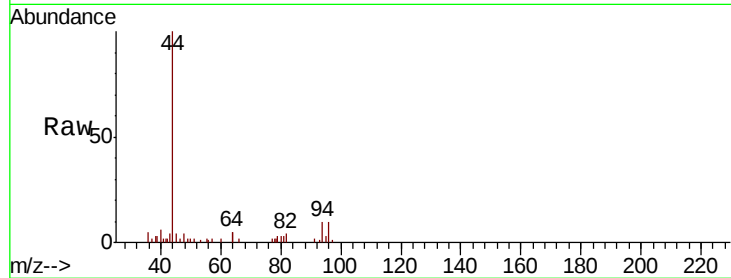
HR-06-082018-C

Tot Ion: 94 Resp: 983

Ion Ratio Lower Upper

94 100

96 103.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

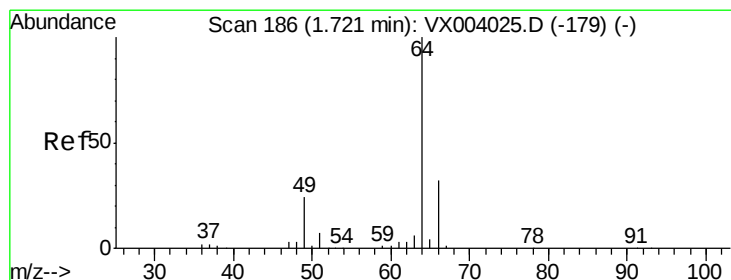
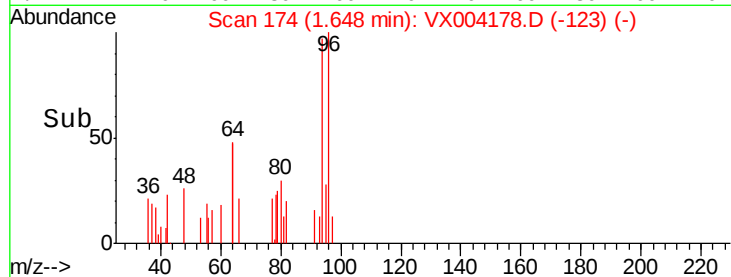
200

100

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX004178.D

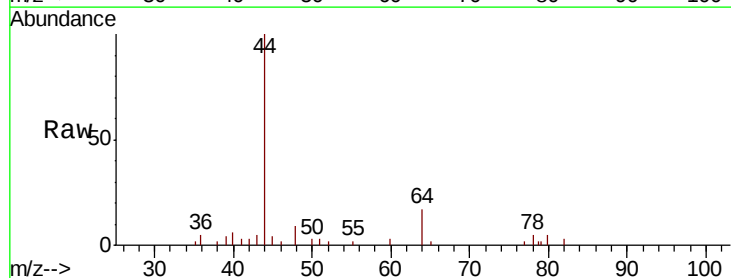
Acq: 21 Aug 2018 16:17

Tgt Ion: 64 Resp: 821

Ion Ratio Lower Upper

64 100

66 0.0 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

800

600

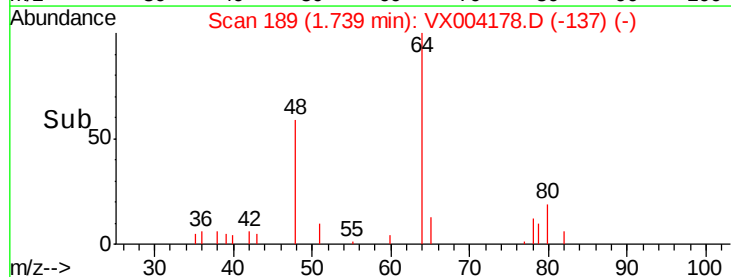
400

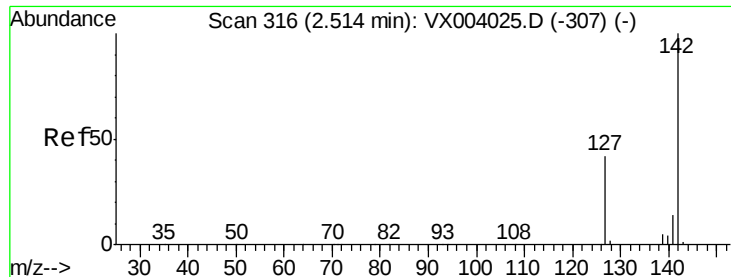
200

0

1.65 1.70 1.75

Time-->

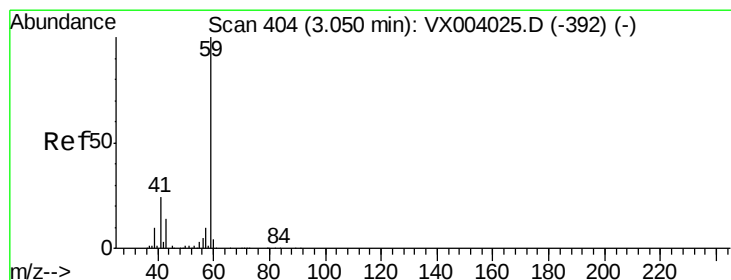
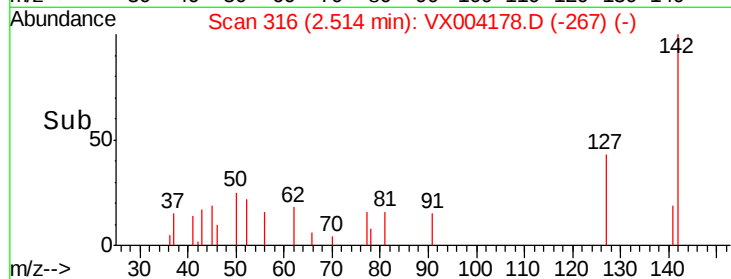
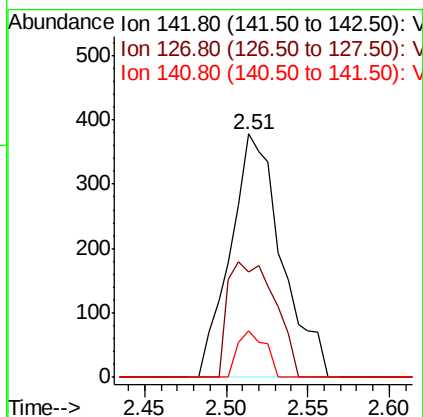
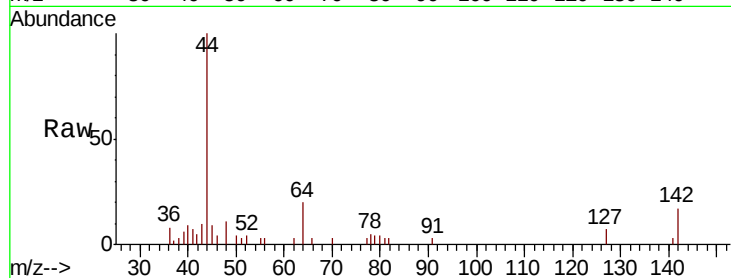




#10
Methyl Iodide
Concen: 5.23 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

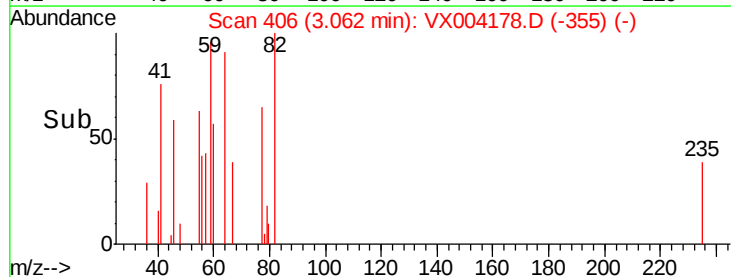
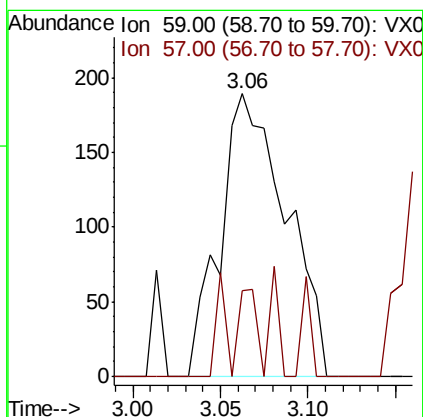
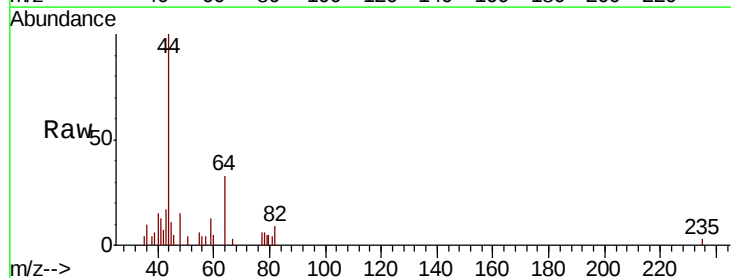
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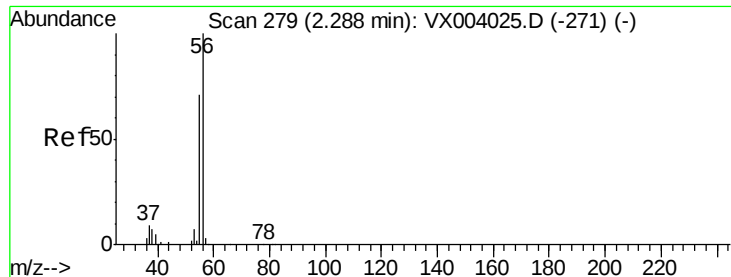
Tot Ion:142 Resp: 829
Ion Ratio Lower Upper
142 100
127 43.7 33.1 49.7
141 10.3 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.63 ug/l
RT: 3.06 min Scan# 406
Delta R.T. 0.01 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 8.4 8.1 12.1





#13

Acrolein

Concen: 11.34 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

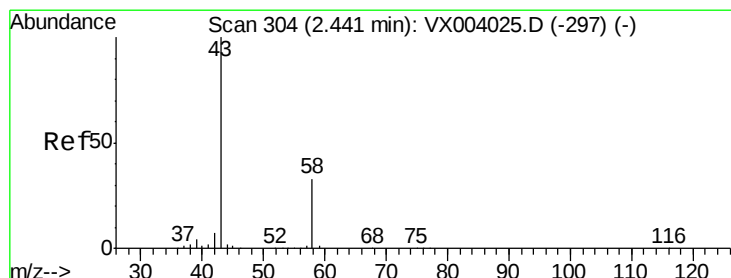
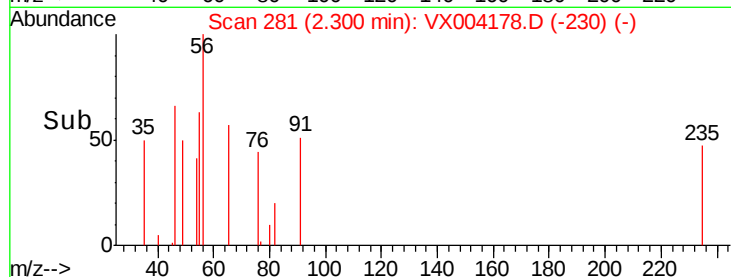
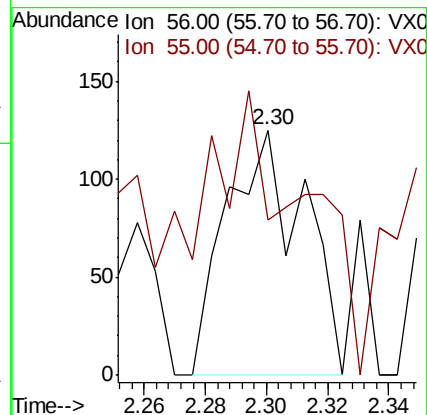
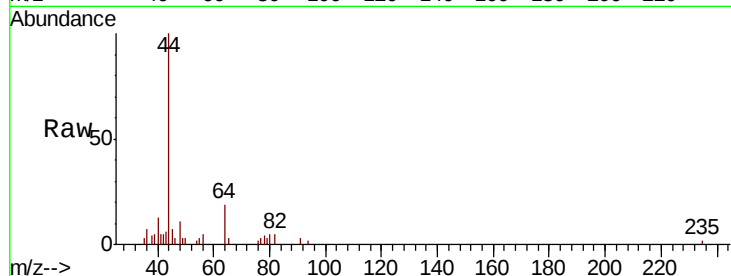
HR-06-082018-C

Tot Ion: 56 Resp: 220

Ion Ratio Lower Upper

56 100

55 85.9 56.1 84.1#



#16

Acetone

Concen: 17.98 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004178.D

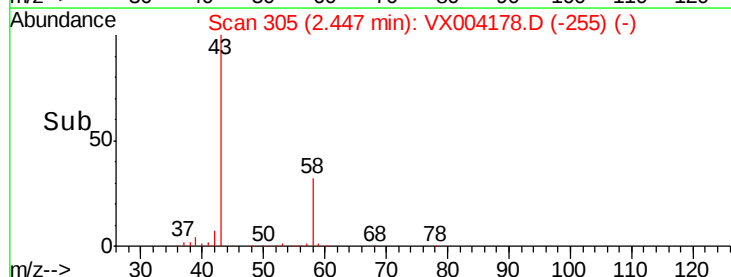
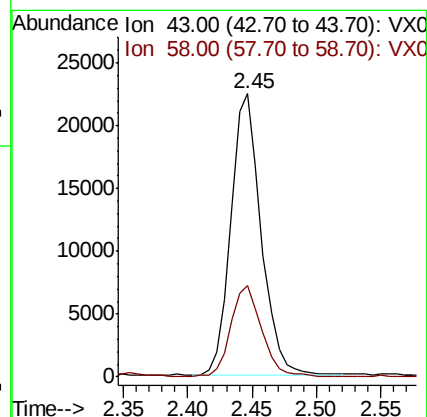
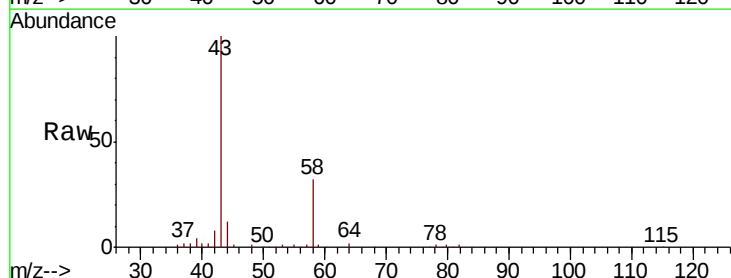
Acq: 21 Aug 2018 16:17

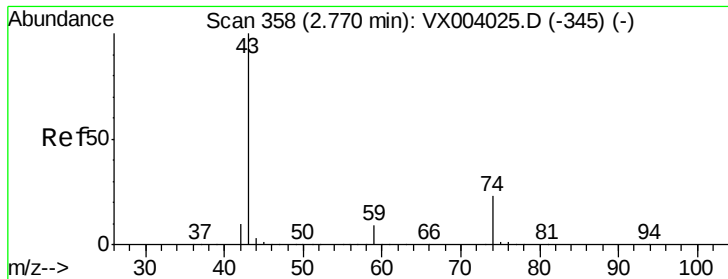
Tgt Ion: 43 Resp: 36777

Ion Ratio Lower Upper

43 100

58 32.4 26.4 39.6

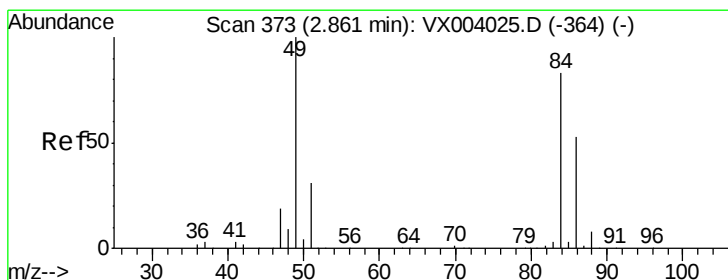
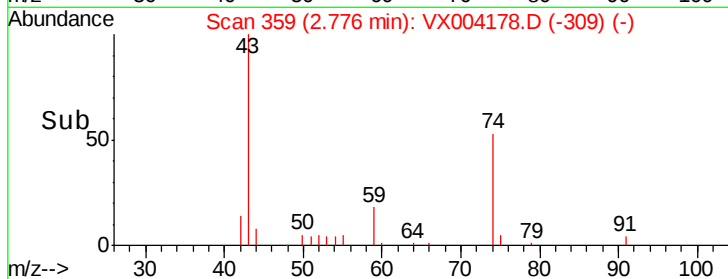
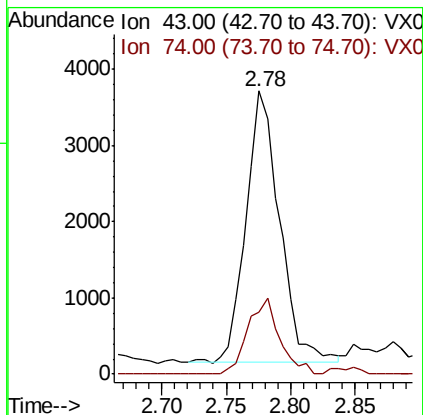
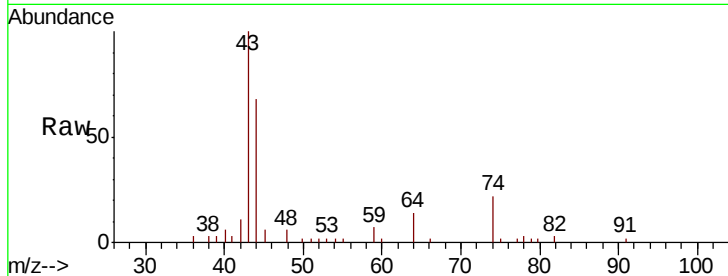




#18
Methyl Acetate
Concen: 1.42 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

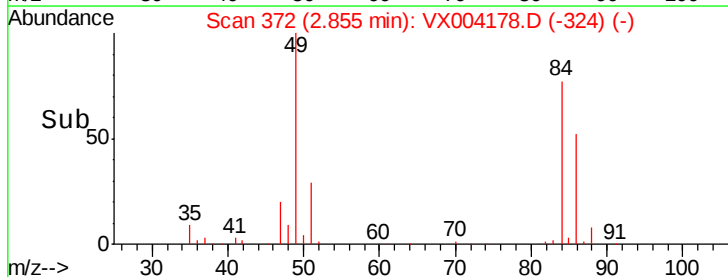
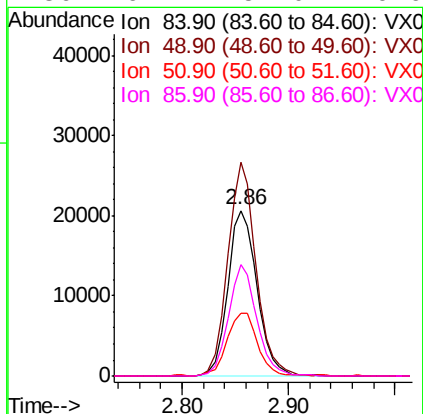
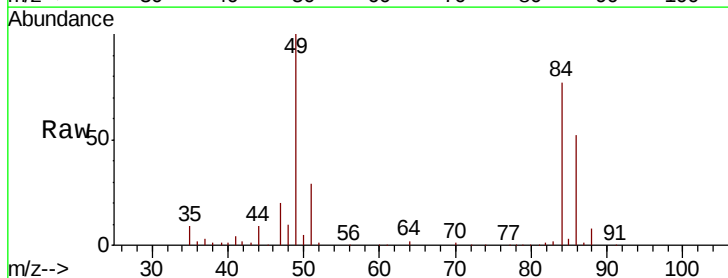
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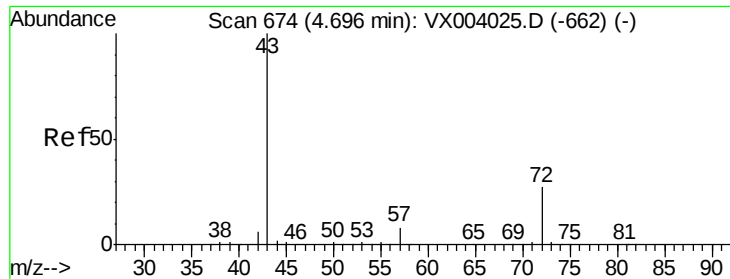
Tot Ion: 43 Resp: 6468
Ion Ratio Lower Upper
43 100
74 26.3 18.9 28.3



#20
Methylene Chloride
Concen: 11.38 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion: 84 Resp: 39614
Ion Ratio Lower Upper
84 100
49 129.3 98.9 148.3
51 37.8 29.9 44.9
86 67.2 51.0 76.6

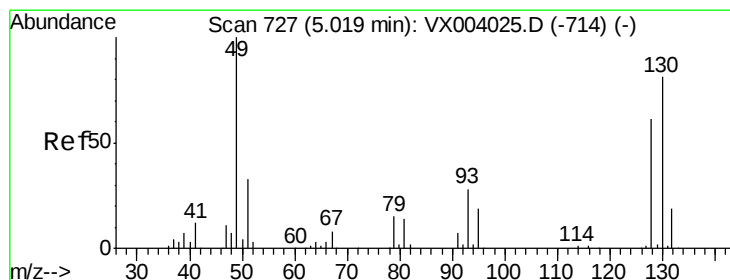
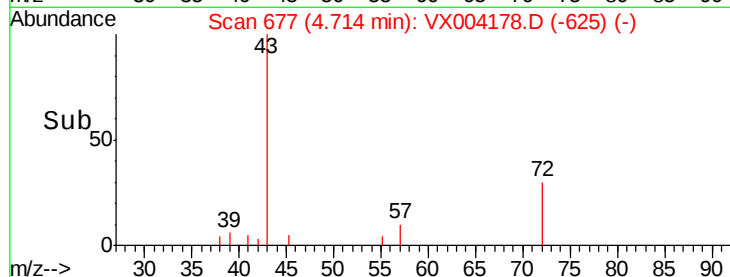
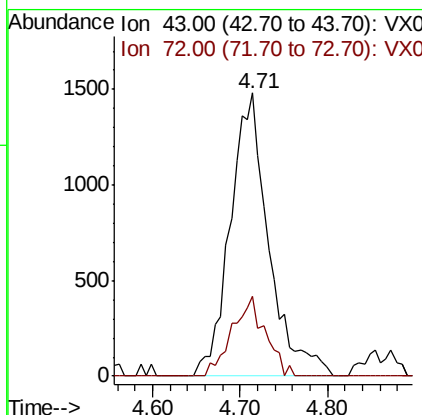
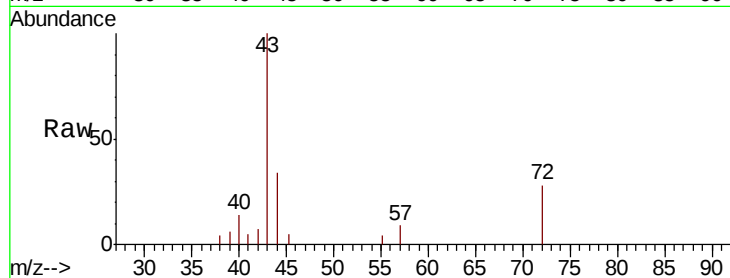




#25
2-Butanone
Concen: 1.36 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.02 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

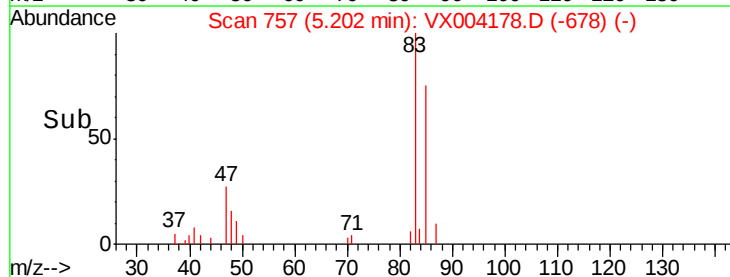
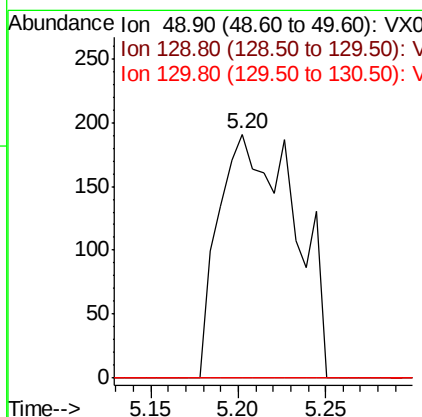
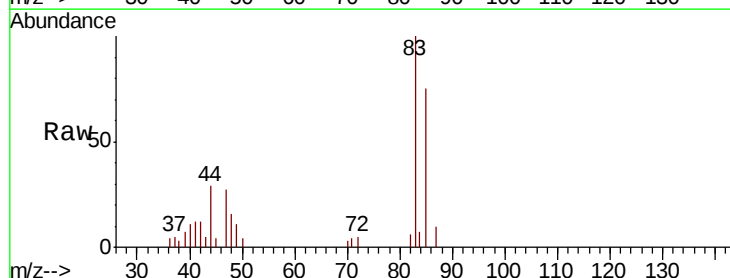
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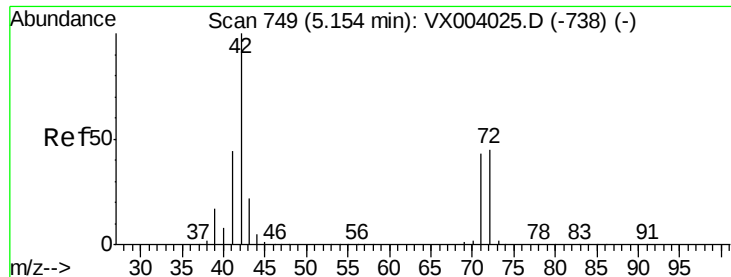
Tot Ion: 43 Resp: 4535
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.0



#28
Bromochloromethane
Concen: 0.20 ug/l
RT: 5.20 min Scan# 757
Delta R.T. 0.18 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion: 49 Resp: 577
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 66.5 99.7#





#29

Tetrahydrofuran

Concen: 1.00 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

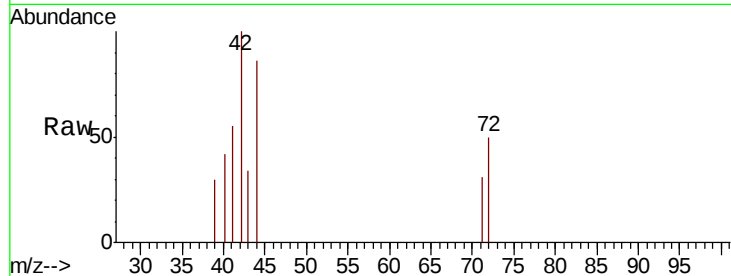
Tot Ion: 42 Resp: 1702

Ion Ratio Lower Upper

42 100

72 33.5 37.7 56.5#

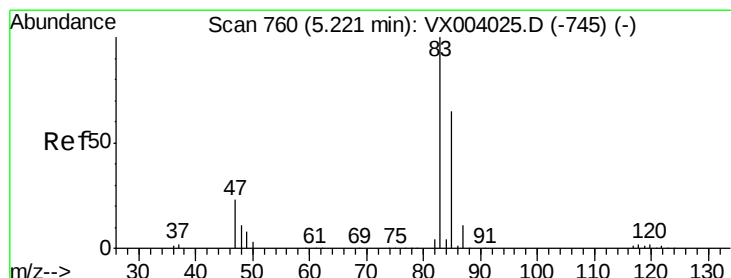
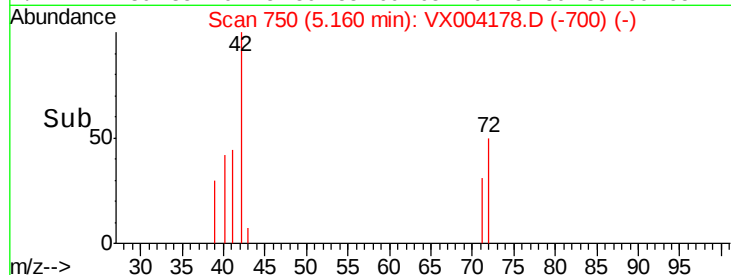
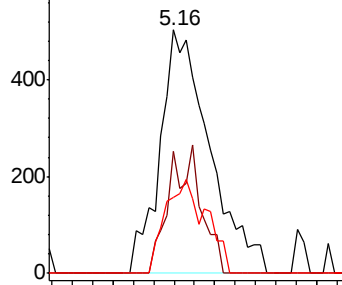
71 31.7 35.0 52.6#



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: 1.11 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004178.D

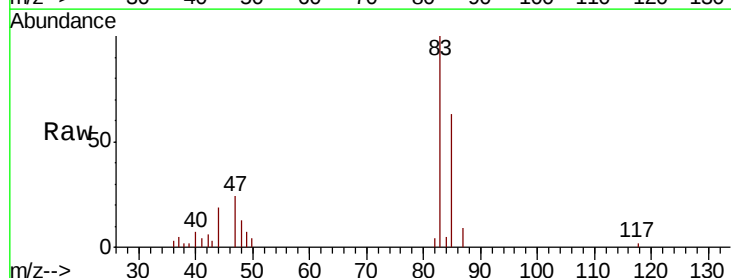
Acq: 21 Aug 2018 16:17

Tgt Ion: 83 Resp: 6700

Ion Ratio Lower Upper

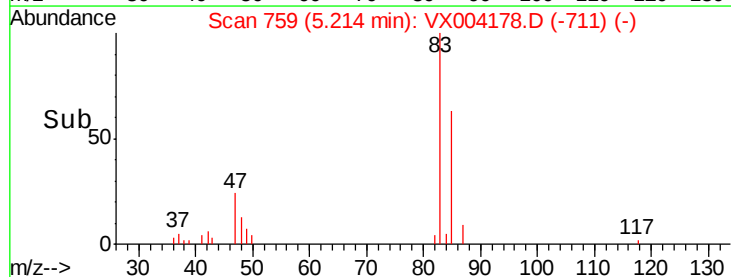
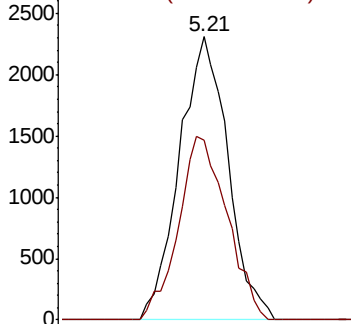
83 100

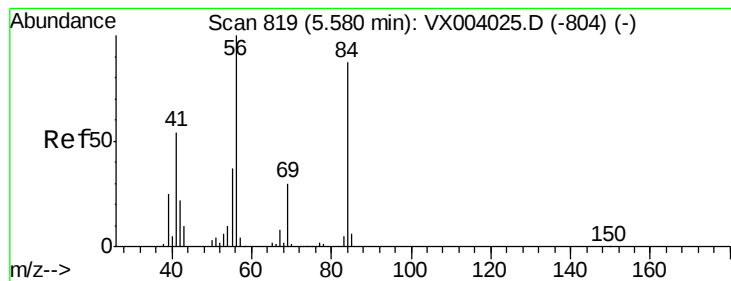
85 63.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.97 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

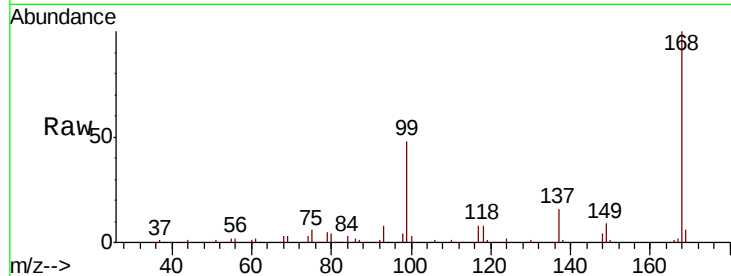
Tot Ion: 56 Resp: 5292

Ion Ratio Lower Upper

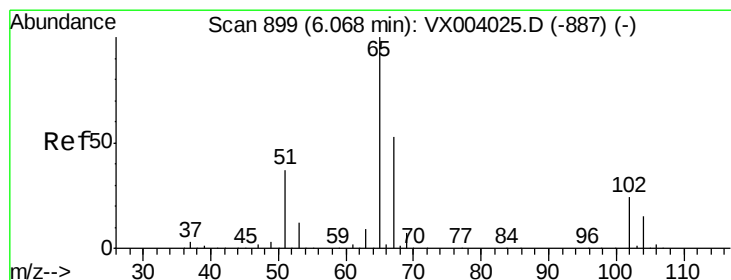
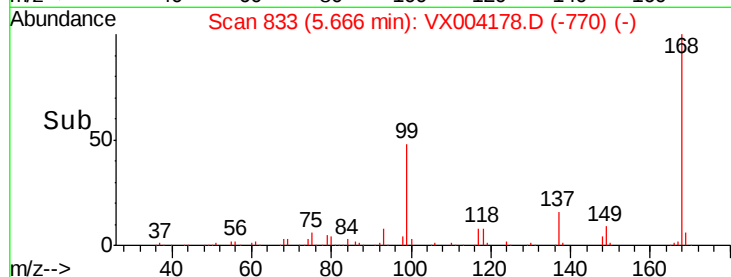
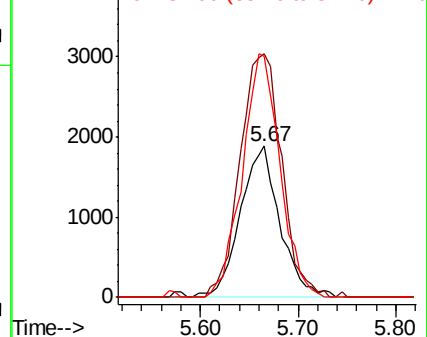
56 100

69 161.2 24.9 37.3#

84 159.6 71.7 107.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.21 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004178.D

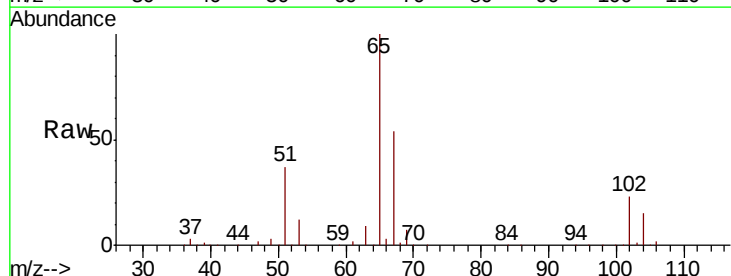
Acq: 21 Aug 2018 16:17

Tgt Ion: 65 Resp: 209340

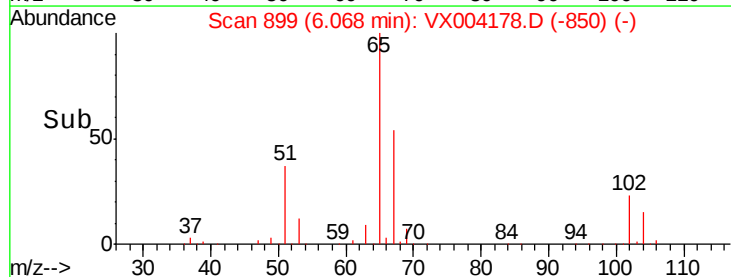
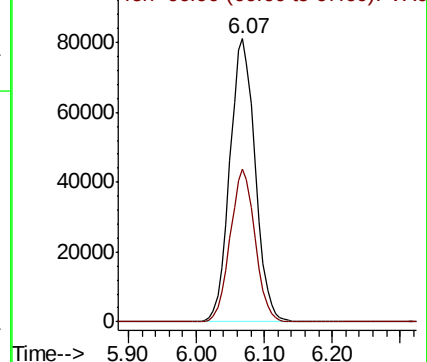
Ion Ratio Lower Upper

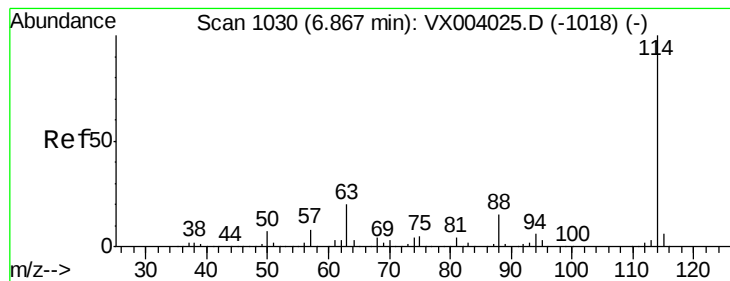
65 100

67 53.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

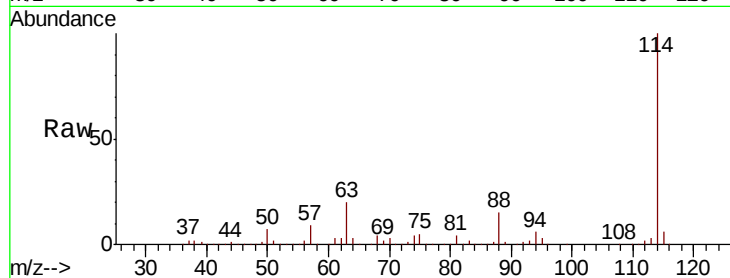
Tot Ion:114 Resp: 466257

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

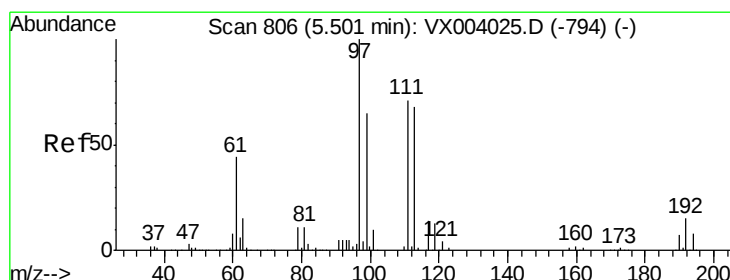
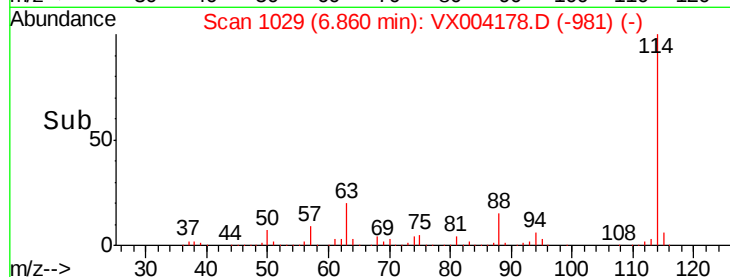
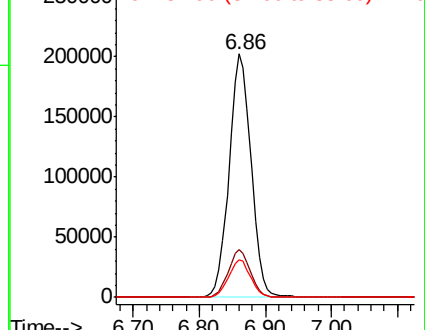
88 15.2 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.60 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

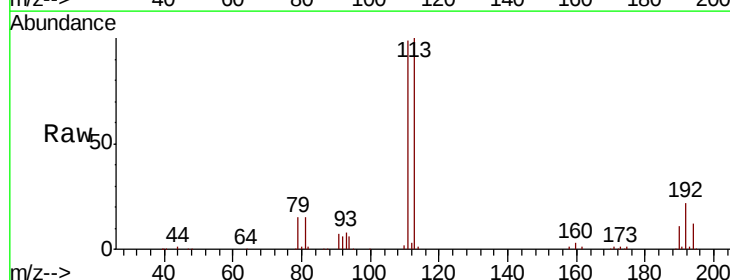
Tgt Ion:113 Resp: 176571

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

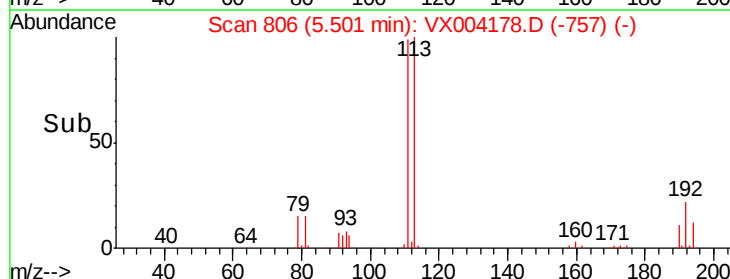
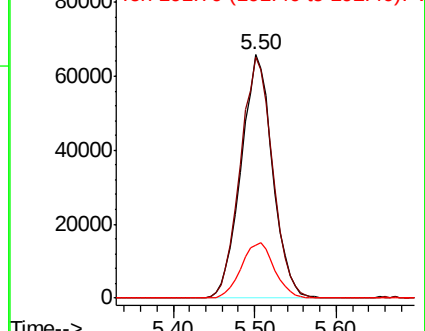
192 23.9 19.0 28.4

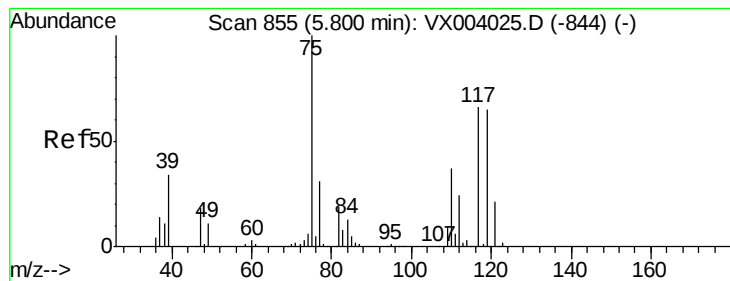


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.53 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

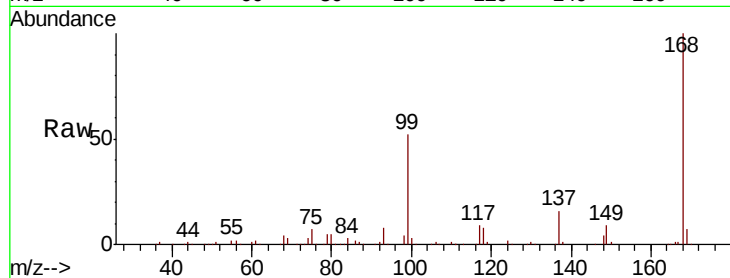
Tot Ion: 75 Resp: 18735

Ion Ratio Lower Upper

75 100

110 9.3 18.2 54.6#

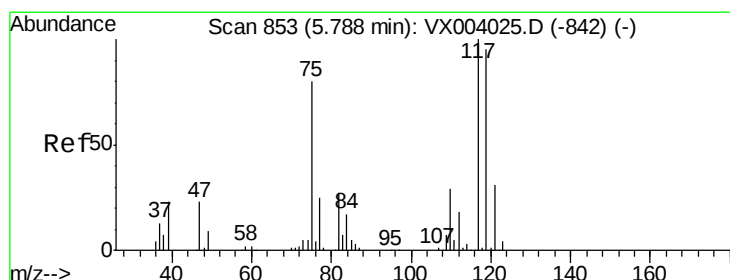
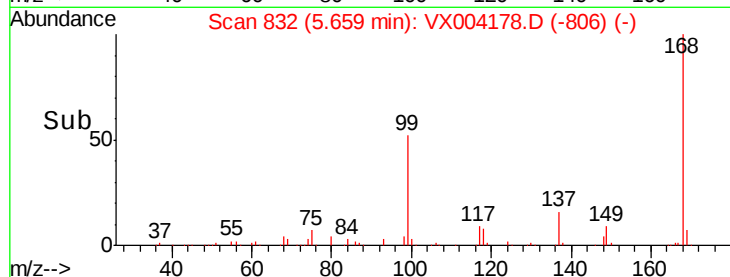
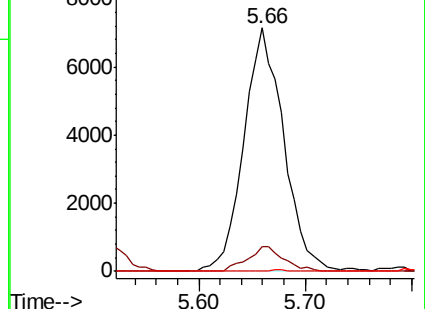
77 0.2 25.0 37.4#



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: 4.82 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

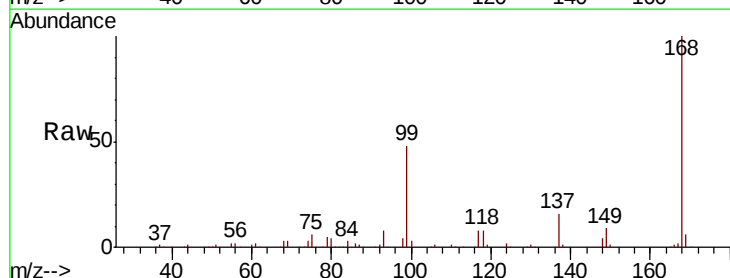
Tgt Ion: 117 Resp: 24840

Ion Ratio Lower Upper

117 100

119 7.8 79.5 119.3#

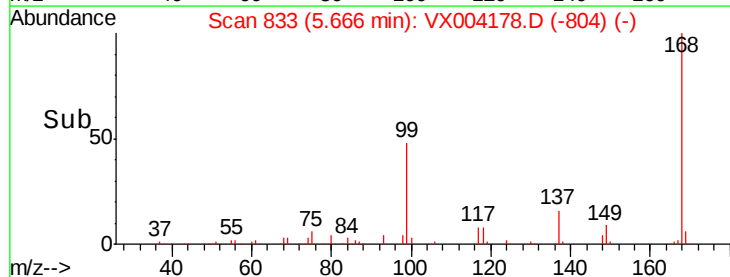
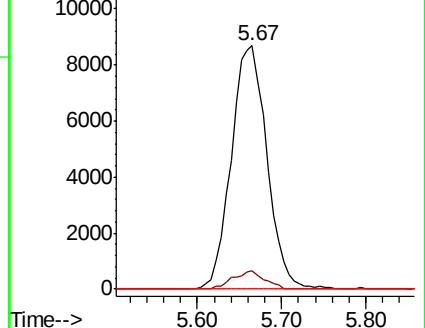
121 0.0 25.0 37.4#

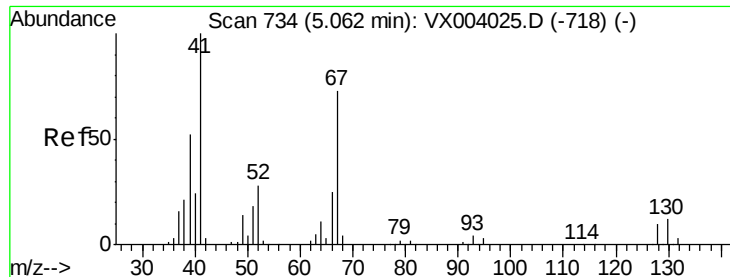


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

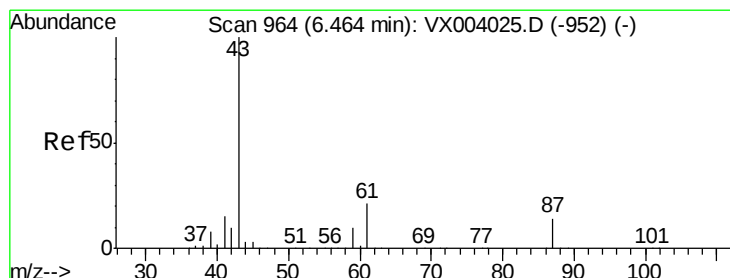
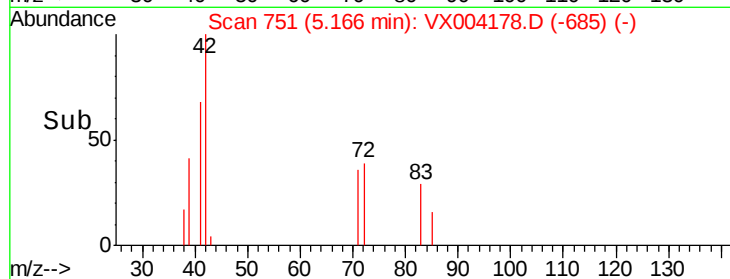
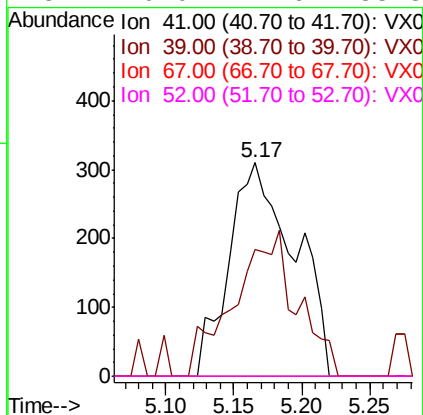
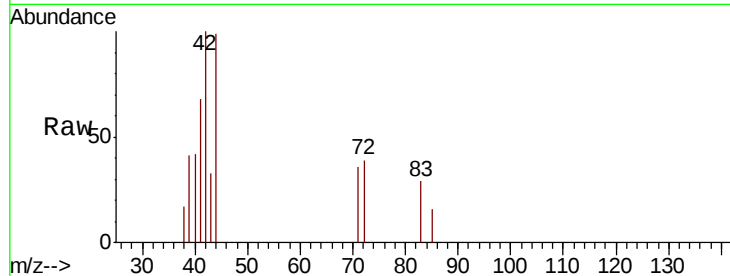




#41
Methacrylonitrile
Concen: 0.32 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.10 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

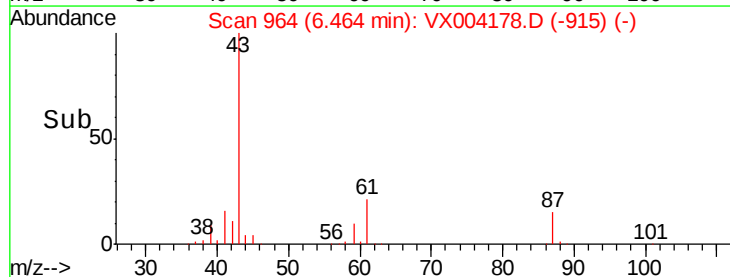
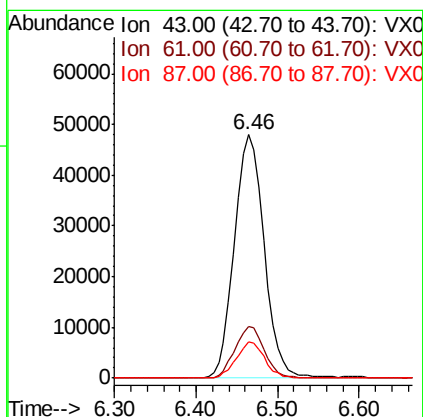
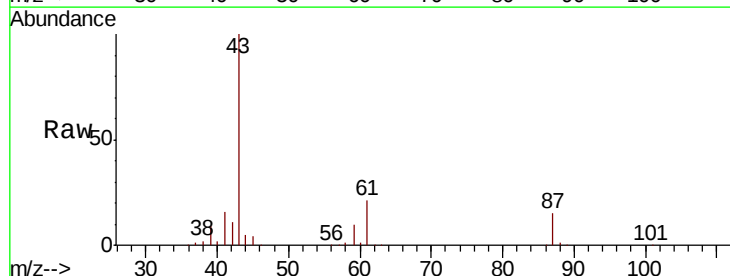
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-C

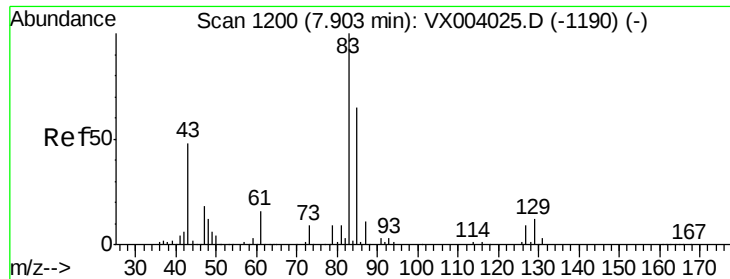
Tot Ion	Ratio	Lower	Upper
41	100		
39	65.5	42.7	64.1#
67	0.0	58.9	88.3#
52	0.0	22.6	33.8#



#43
Isopropyl Acetate
Concen: 14.29 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.9	25.3
87	14.1	11.3	16.9





#47

Bromodichloromethane

Concen: 0.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

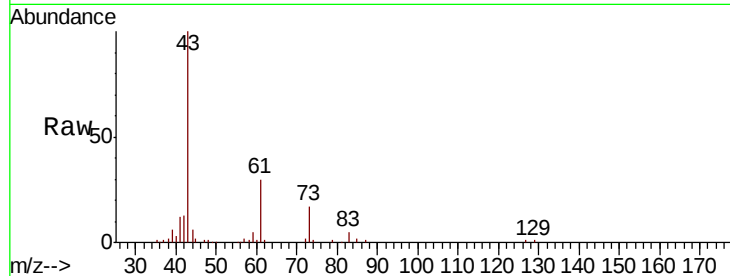
Tot Ion: 83 Resp: 1469

Ion Ratio Lower Upper

83 100

85 47.1 51.2 76.8#

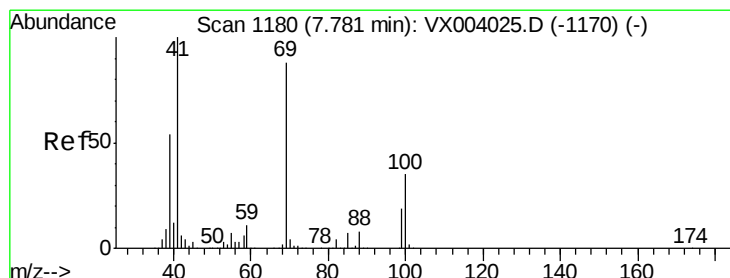
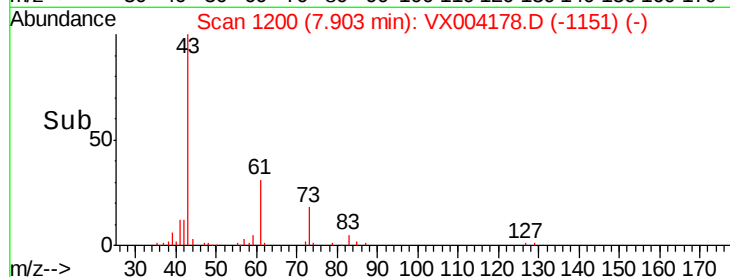
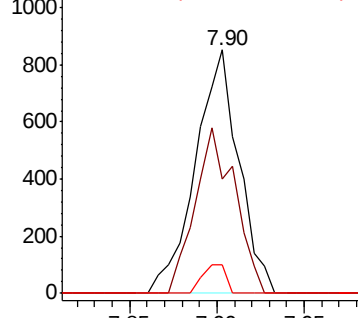
127 11.6 7.2 10.8#



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: 1.61 ug/l

RT: 7.69 min Scan# 1165

Delta R.T. -0.09 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

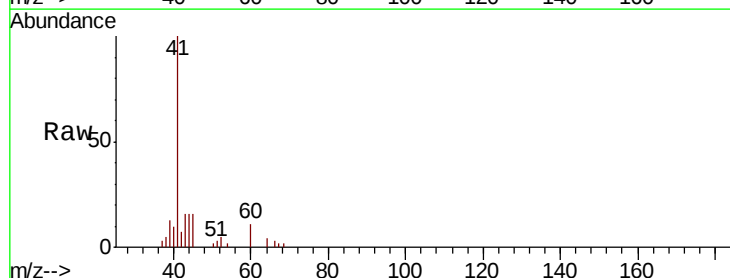
Tgt Ion: 41 Resp: 6896

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

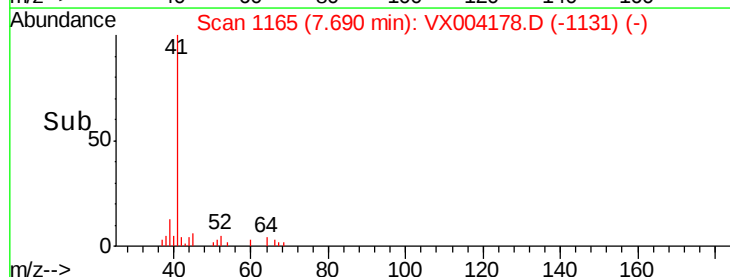
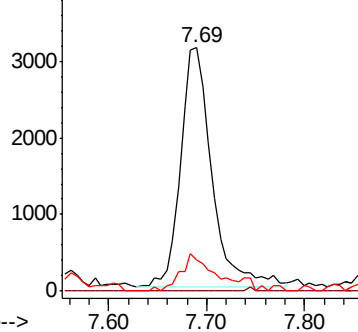
39 16.5 42.3 63.5#

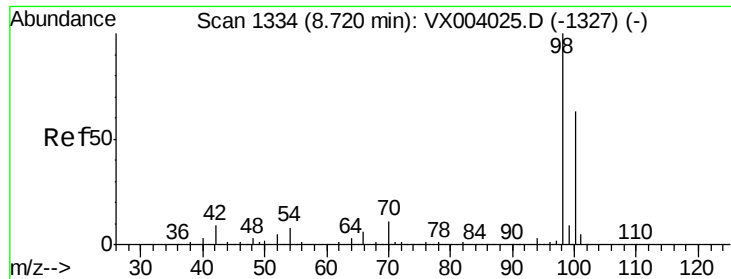


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 45.63 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

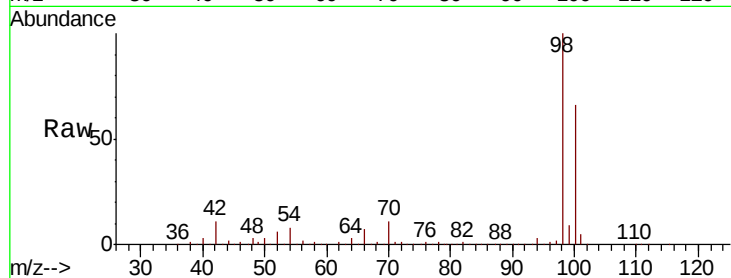
HR-06-082018-C

Tot Ion: 98 Resp: 645637

Ion Ratio Lower Upper

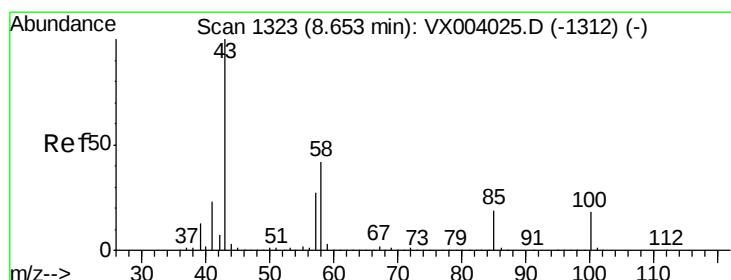
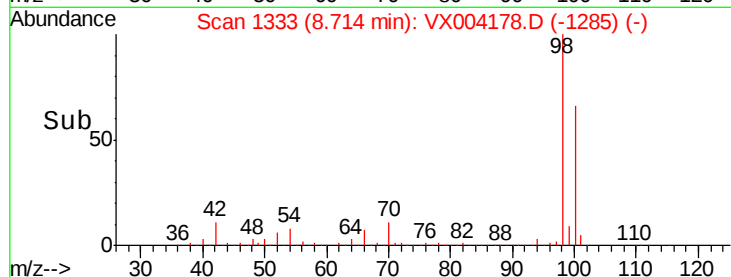
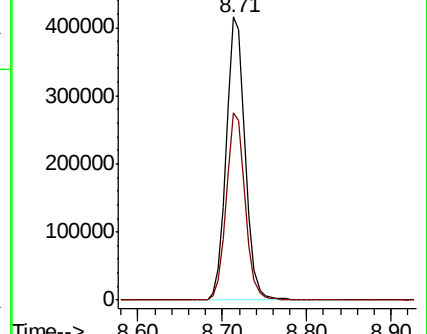
98 100

100 65.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 8.62 min Scan# 1318

Delta R.T. -0.03 min

Lab File: VX004178.D

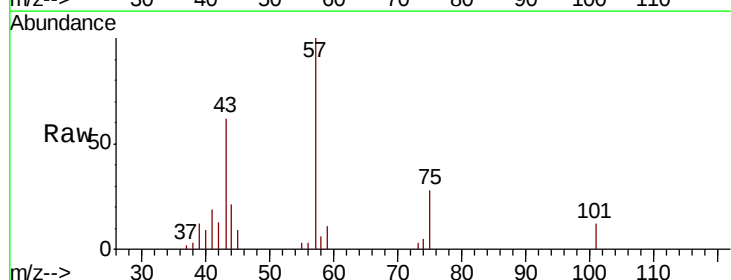
Acq: 21 Aug 2018 16:17

Tgt Ion: 43 Resp: 2545

Ion Ratio Lower Upper

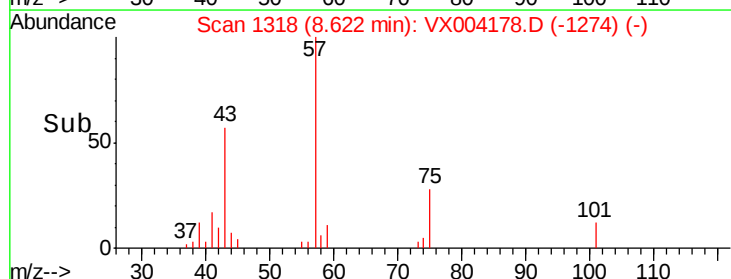
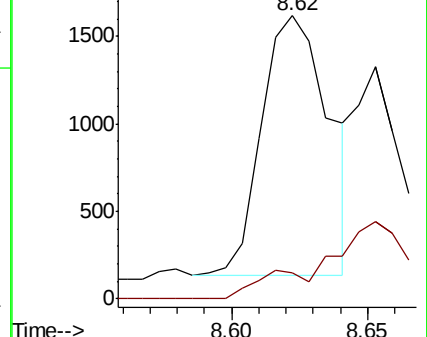
43 100

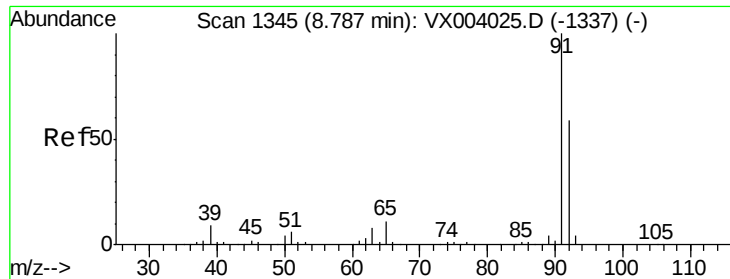
58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

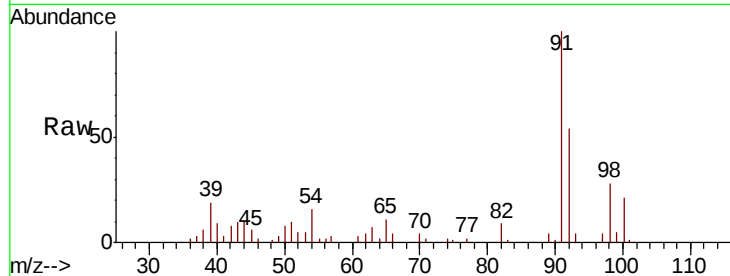
HR-06-082018-C

Tot Ion: 92 Resp: 4057

Ion Ratio Lower Upper

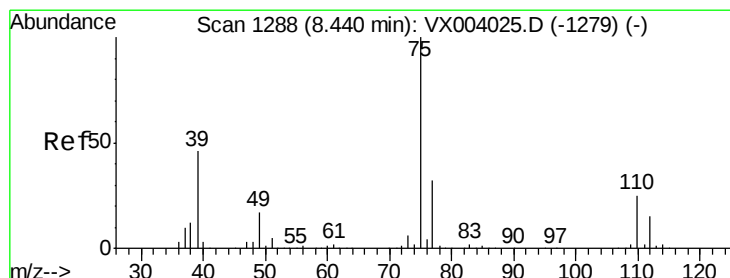
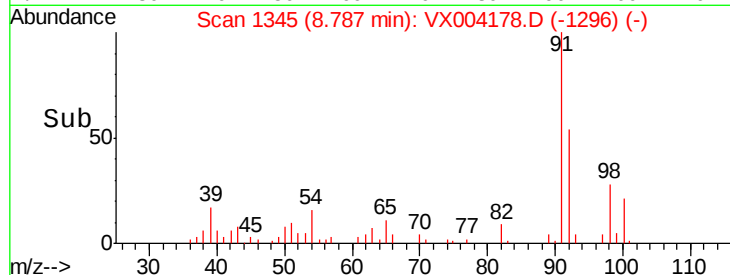
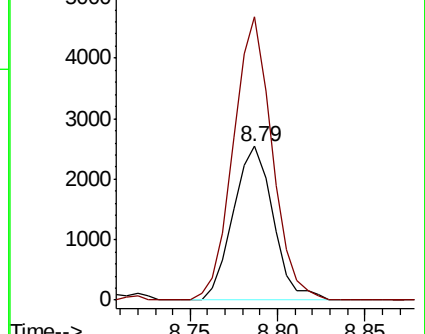
92 100

91 178.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 8.62 min Scan# 1317

Delta R.T. 0.18 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

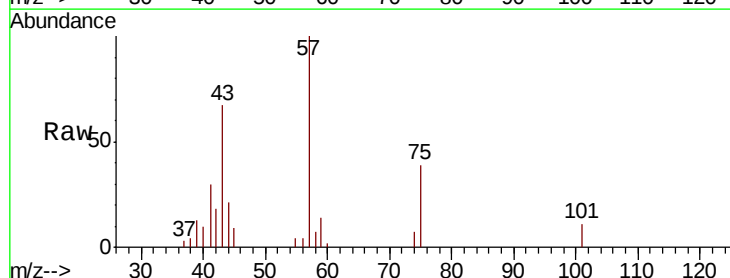
Tgt Ion: 75 Resp: 1291

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

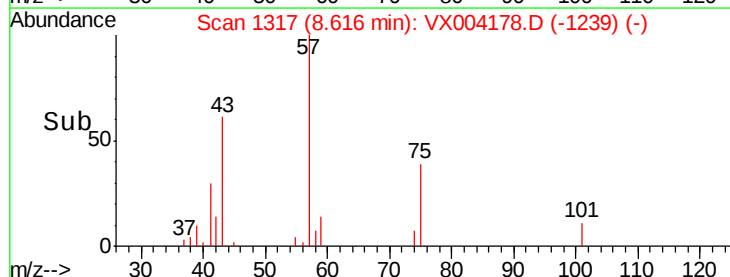
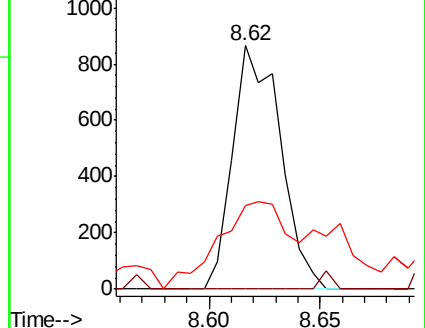
39 27.6 36.2 54.2#

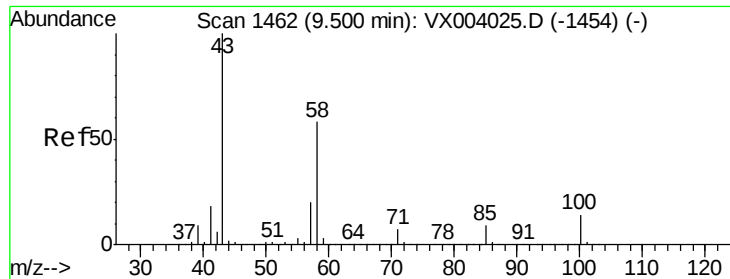


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

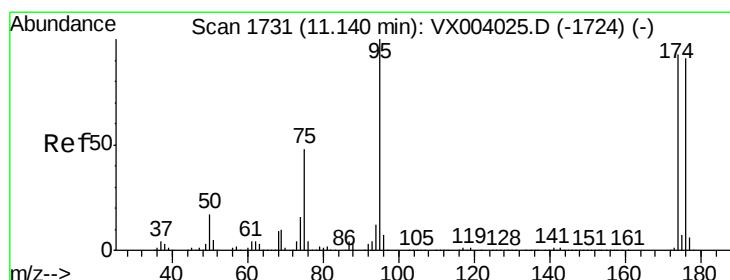
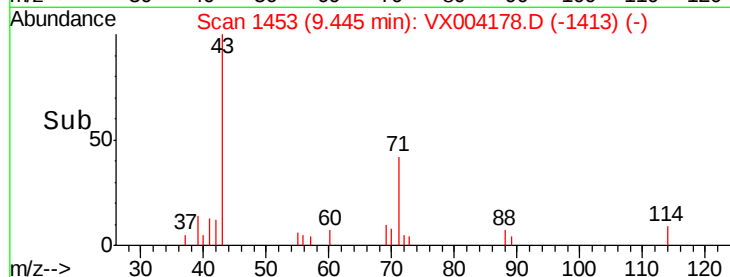
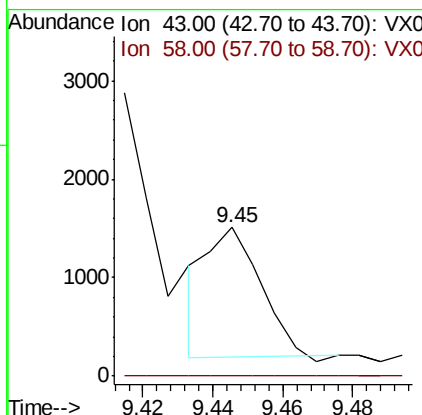
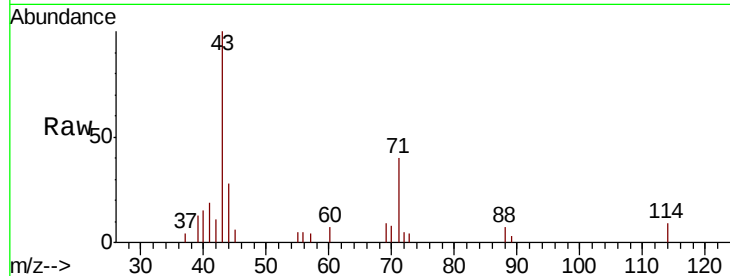




#59
2-Hexanone
Concen: 0.27 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

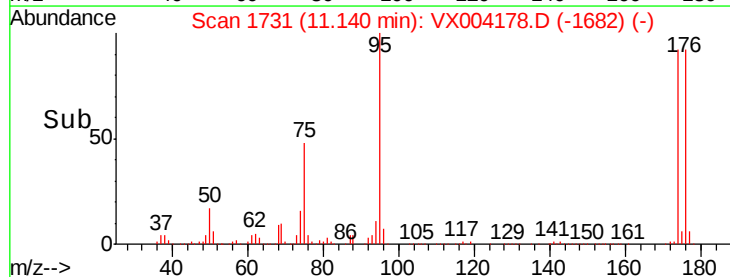
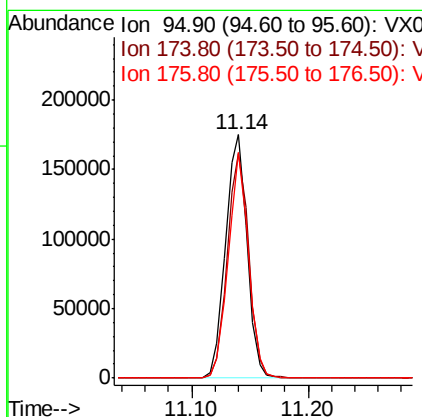
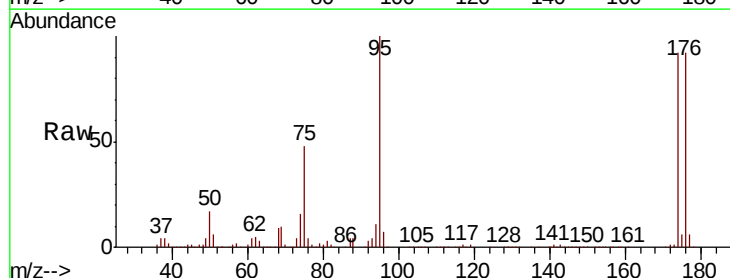
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-C

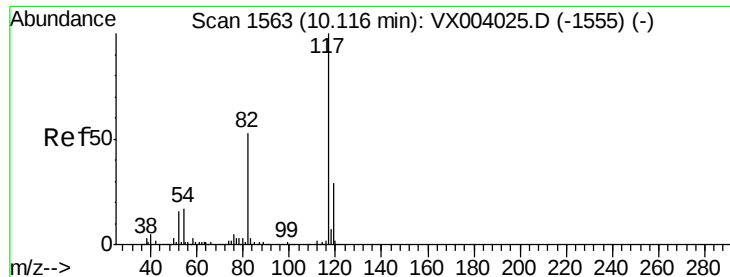
Tot Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 0.0 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 43.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion: 95 Resp: 223613
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.8
176 87.8 0.0 179.0

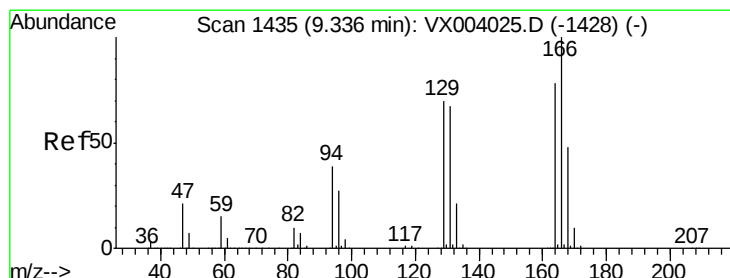
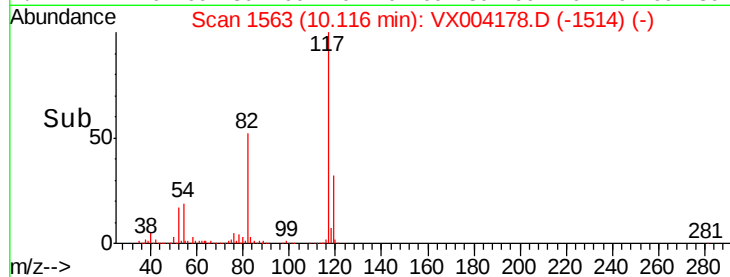
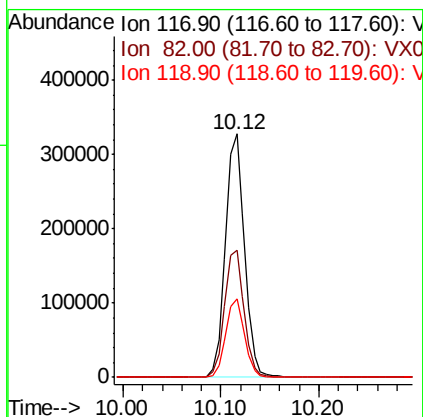
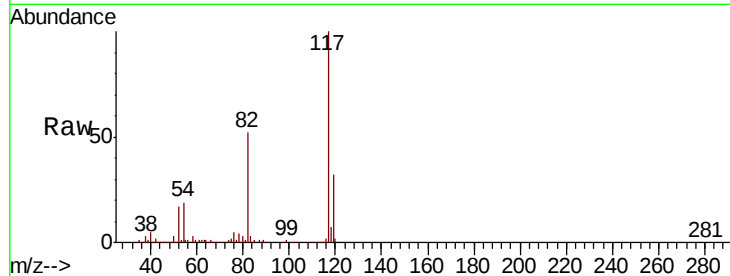




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

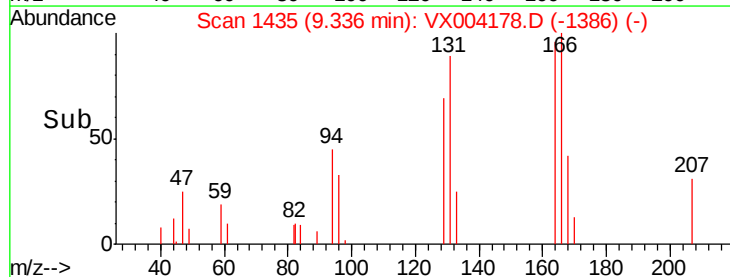
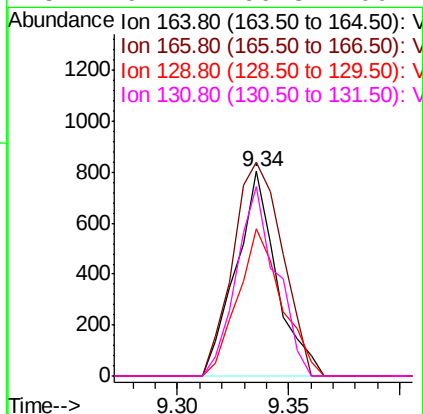
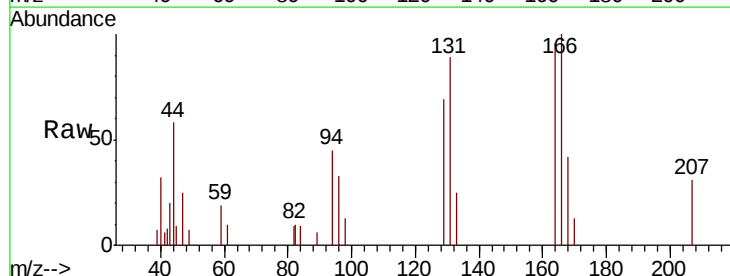
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-C

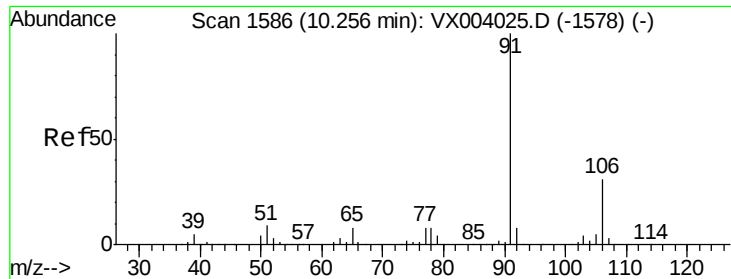
Tot Ion:117 Resp: 443381
Ion Ratio Lower Upper
117 100
82 52.3 45.4 68.0
119 32.0 26.6 40.0



#64
Tetrachloroethene
Concen: 0.24 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion:164 Resp: 1020
Ion Ratio Lower Upper
164 100
166 104.4 98.0 147.0
129 72.1 64.3 96.5
131 92.4 66.8 100.2





#67

Ethyl Benzene

Concen: 0.78 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

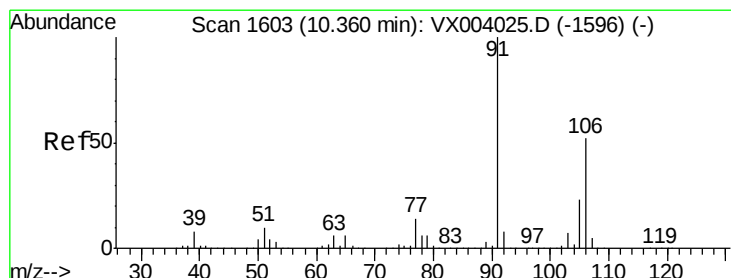
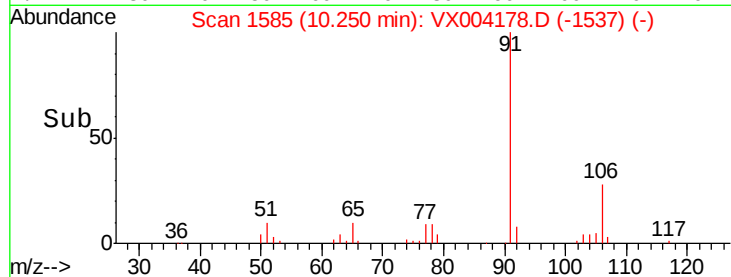
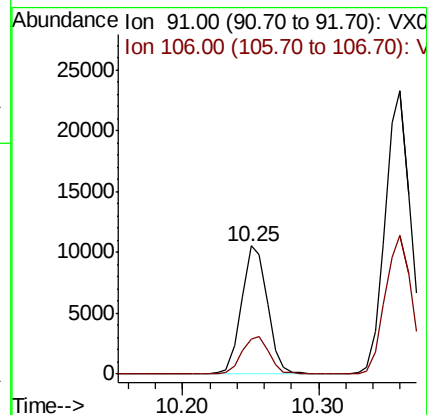
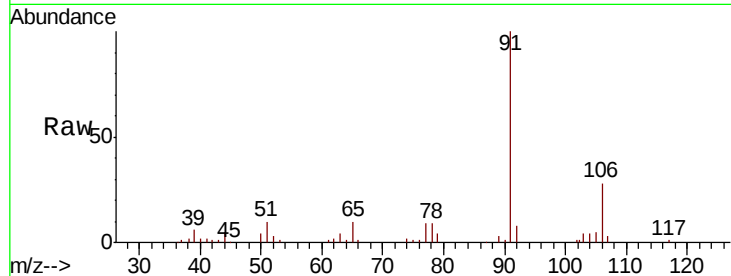
HR-06-082018-C

Tot Ion: 91 Resp: 14082

Ion Ratio Lower Upper

91 100

106 27.7 25.9 38.9



#68

m/p-Xylenes

Concen: 2.18 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004178.D

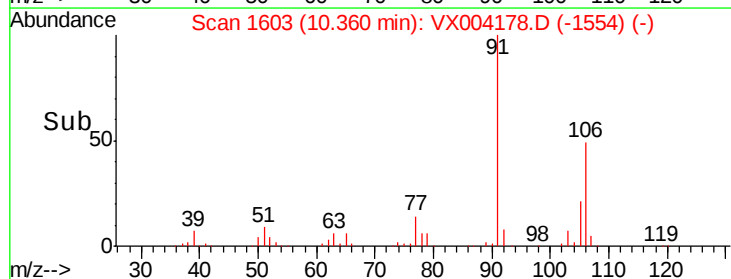
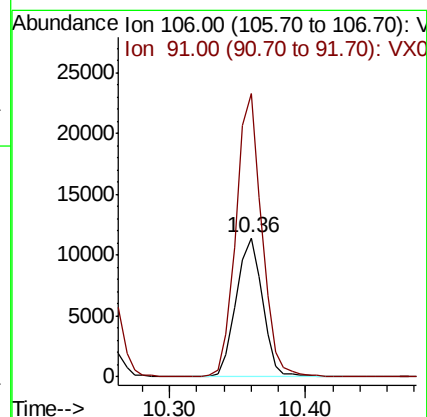
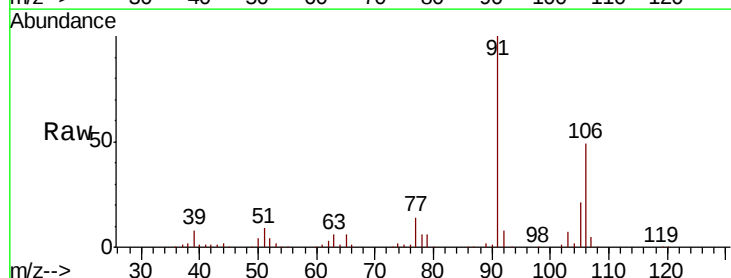
Acq: 21 Aug 2018 16:17

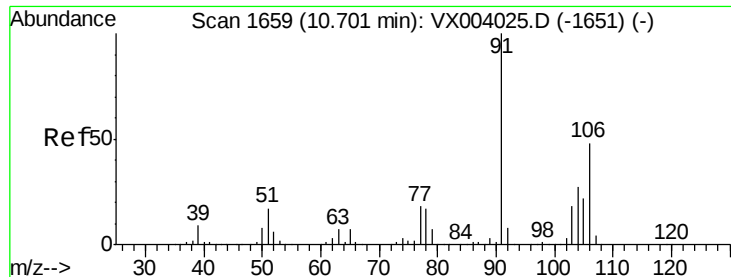
Tgt Ion: 106 Resp: 15504

Ion Ratio Lower Upper

106 100

91 198.9 162.3 243.5

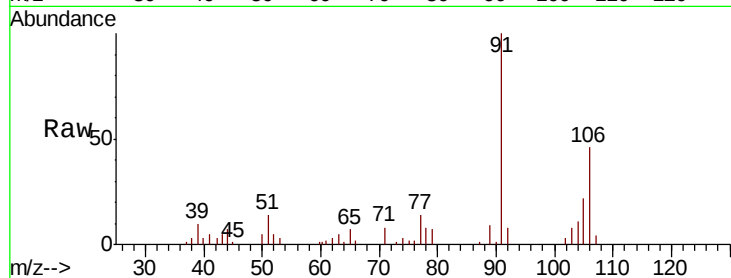




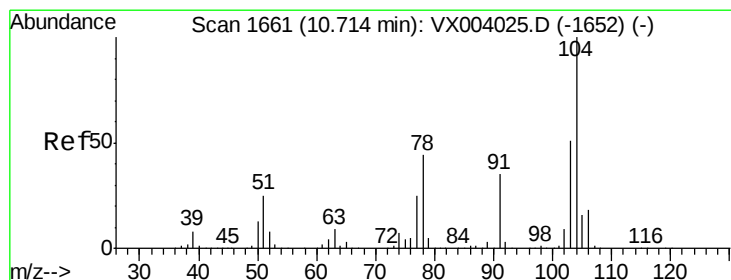
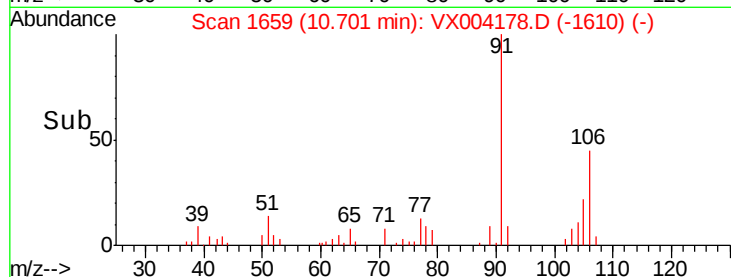
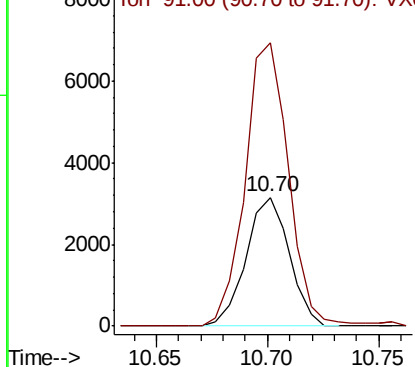
#69
o-Xylene
Concen: 0.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-C

Tot Ion:106 Resp: 4264
Ion Ratio Lower Upper
106 100
91 220.3 101.9 305.7

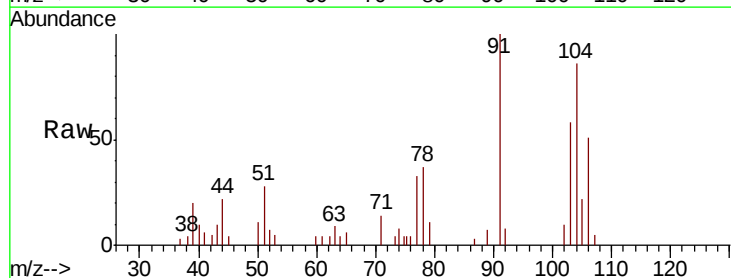


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

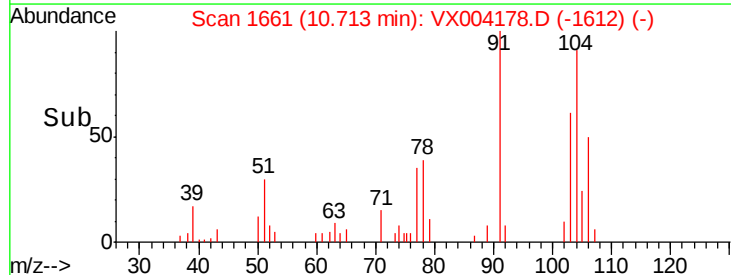
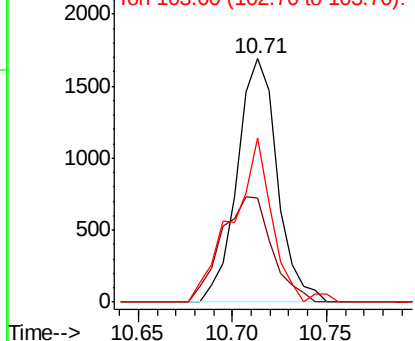


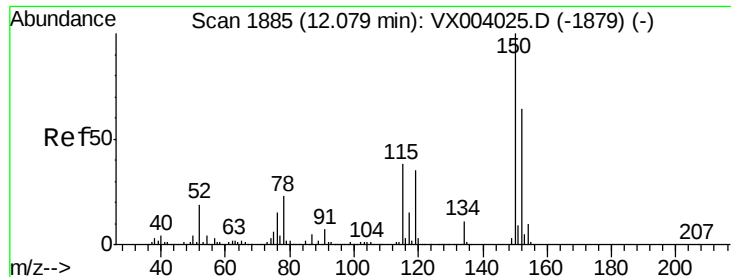
#70
Styrene
Concen: 0.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Tgt Ion:104 Resp: 2494
Ion Ratio Lower Upper
104 100
78 54.5 39.8 59.6
103 67.6 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

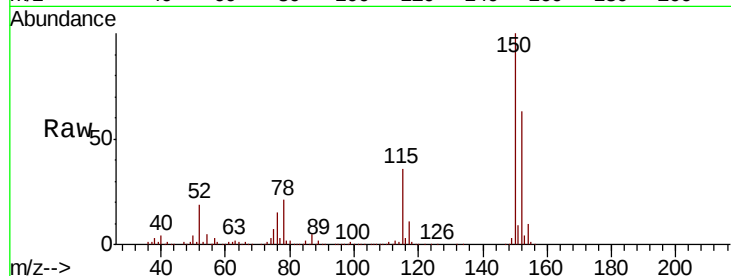
Tot Ion:152 Resp: 230206

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.3

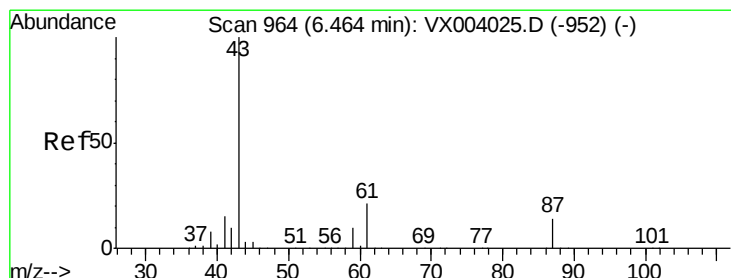
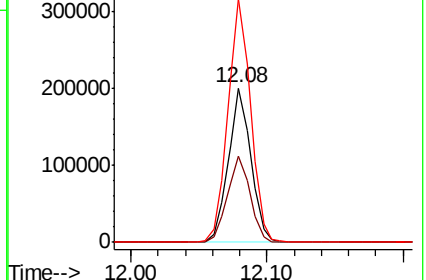
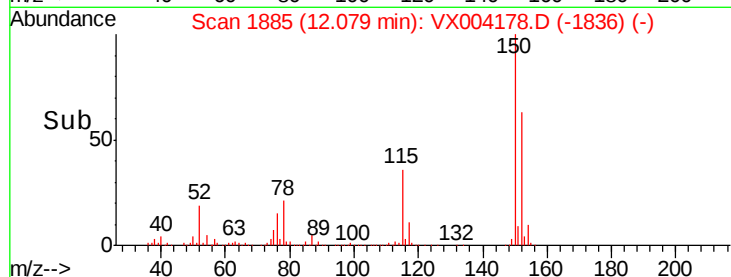
150 158.8 0.0 349.2



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



#74

N-ethyl acetate

Concen: 16.60 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Tgt Ion: 43 Resp: 121668

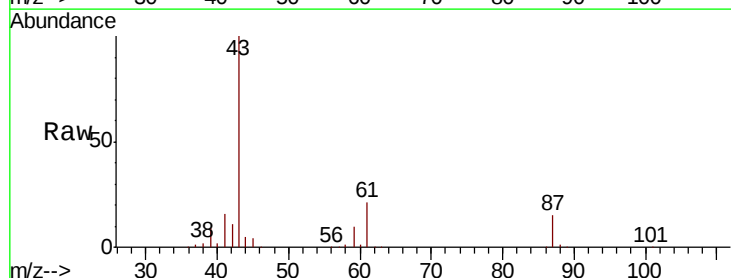
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.9 16.9 25.3

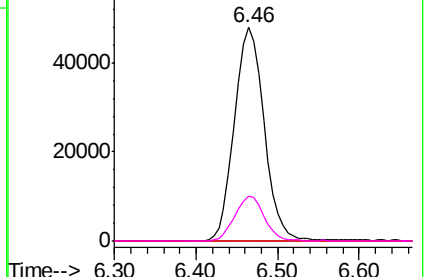
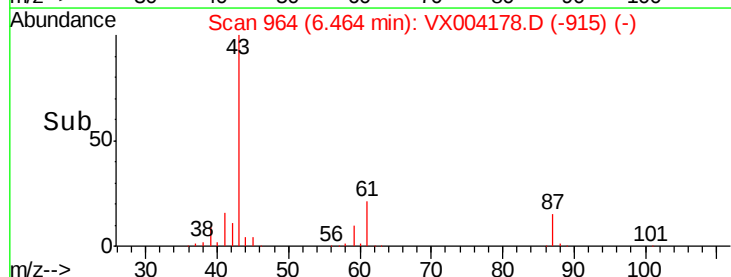


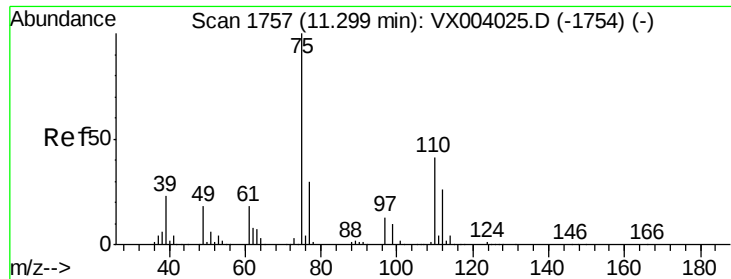
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

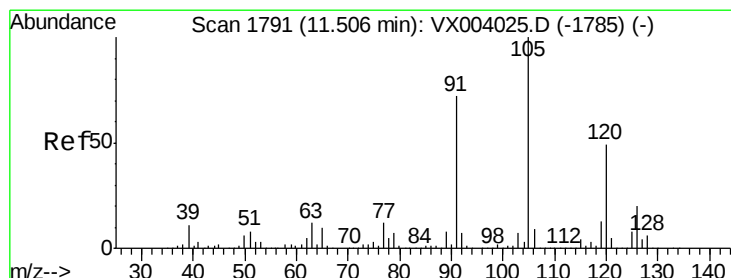
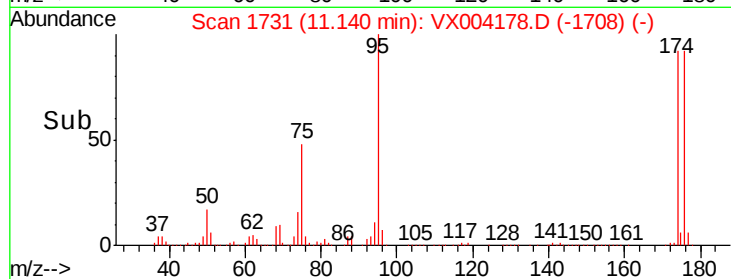
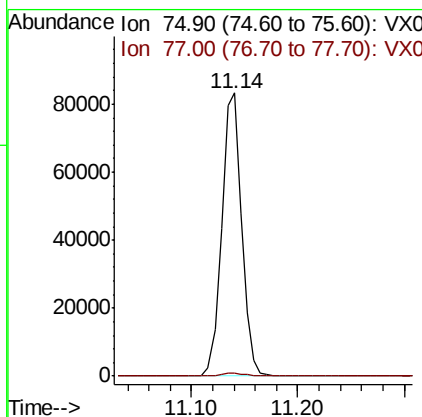
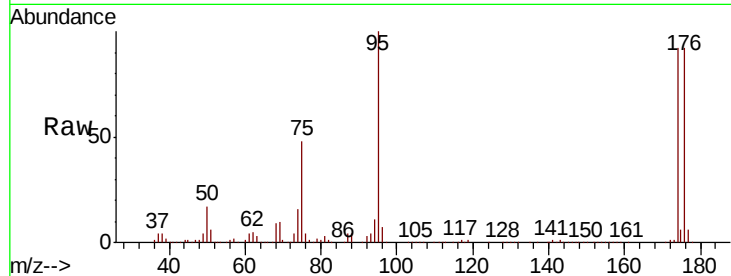




#76
 1,2,3-Trichloropropane
 Concen: 23.53 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004178.D
 Acq: 21 Aug 2018 16:17

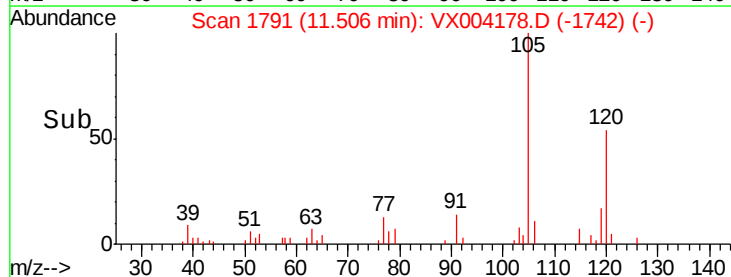
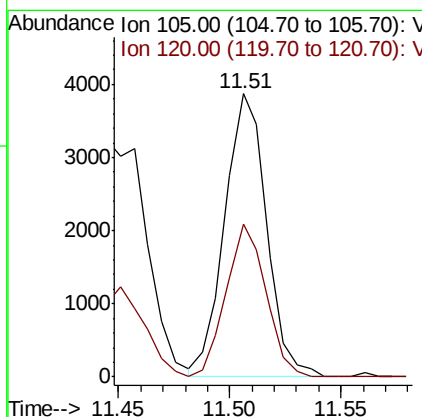
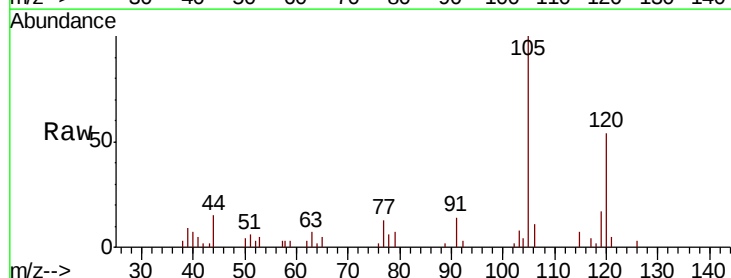
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-C

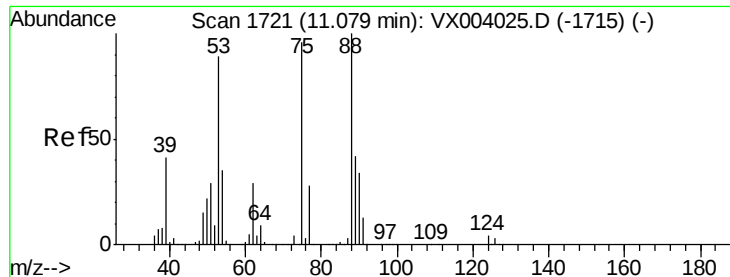
Tot Ion: 75 Resp: 108631
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.8 62.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.40 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004178.D
 Acq: 21 Aug 2018 16:17

Tgt Ion:105 Resp: 5064
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 72.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004178.D

Acq: 21 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-C

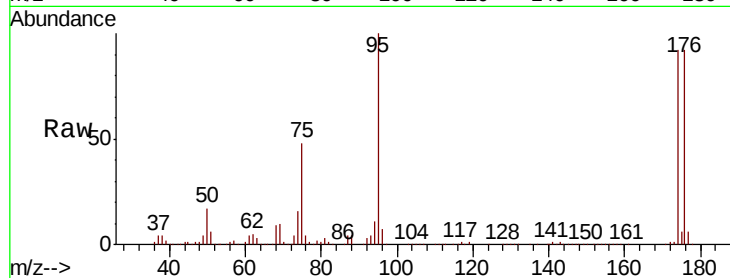
Tot Ion: 75 Resp: 108631

Ion Ratio Lower Upper

75 100

53 0.2 80.3 120.5#

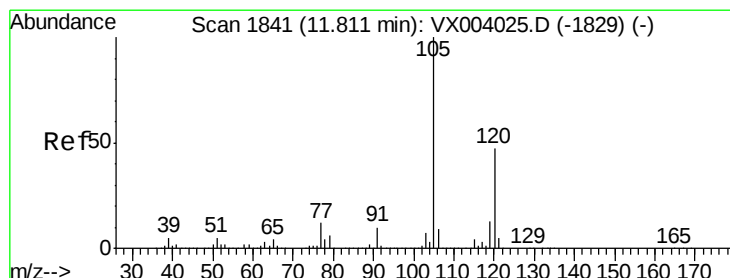
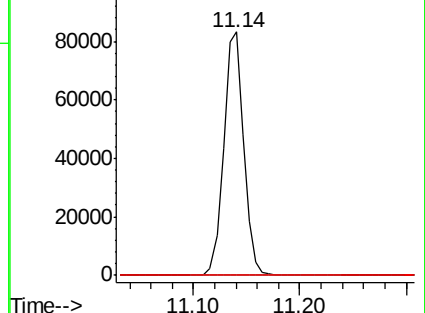
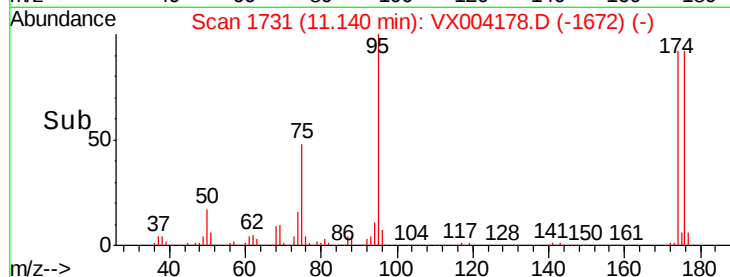
89 0.0 37.8 56.8#



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: 1.02 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004178.D

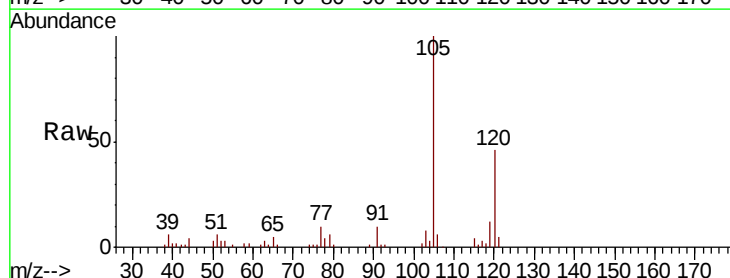
Acq: 21 Aug 2018 16:17

Tgt Ion:105 Resp: 13463

Ion Ratio Lower Upper

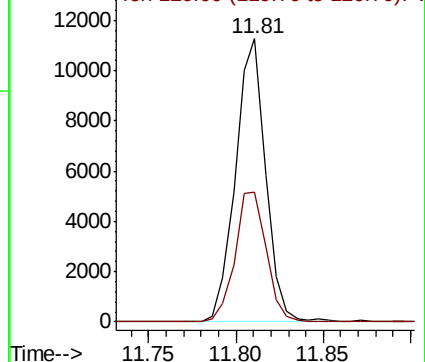
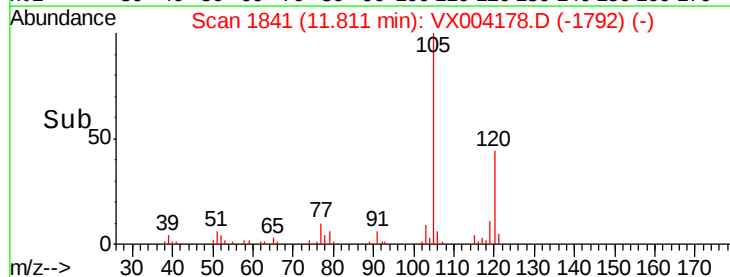
105 100

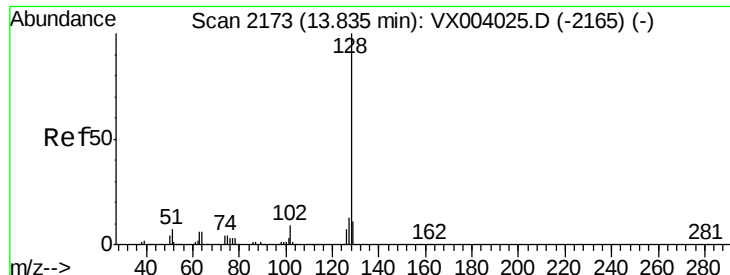
120 47.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 8.48 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004178.D
Acq: 21 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.8	13.2

