

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004173.D
 Acq On : 21 Aug 2018 14:05
 Operator : JC/MD
 Sample : J4271-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 22 00:54:08 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	276658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239652	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207327	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	5.50	113	176576	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	665920	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	11.14	95	227673	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	2341	0.71	ug/l	99
5) Bromomethane	1.64	94	1009	0.38	ug/l	87
6) Chloroethane	1.75	64	595	Below	Cal #	54
10) Methyl Iodide	2.51	142	946	5.26	ug/l	94
11) Tert butyl alcohol	3.07	59	331	0.42	ug/l #	89
13) Acrolein	2.29	56	240	11.38	ug/l #	81
16) Acetone	2.44	43	17109	8.44	ug/l	99
18) Methyl Acetate	2.78	43	7438	1.65	ug/l	99
20) Methylene Chloride	2.86	84	149726	45.14	ug/l	99
25) 2-Butanone	4.71	43	4399	1.33	ug/l #	82
28) Bromochloromethane	5.21	49	1184	0.42	ug/l #	10
29) Tetrahydrofuran	5.17	42	1764	1.05	ug/l #	82
30) Chloroform	5.21	83	13836	2.31	ug/l	97
31) Cyclohexane	5.65	56	4978	0.92	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	19143	3.58	ug/l #	49
38) Carbon Tetrachloride	5.67	117	25144	4.84	ug/l #	16
43) Isopropyl Acetate	6.46	43	182506	21.27	ug/l	99
47) Bromodichloromethane	7.90	83	2554	0.50	ug/l	98
48) Methyl methacrylate	7.69	41	7314	1.69	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	2810	0.40	ug/l #	34
59) 2-Hexanone	9.44	43	1641	0.31	ug/l #	22
68) m/p-Xylenes	10.36	106	1957	0.27	ug/l	96
69) o-Xylene	10.70	106	2613	0.38	ug/l	93
74) N-amyl acetate	6.46	43	182506	23.93	ug/l #	100
76) 1,2,3-Trichloropropane	11.14	75	107801	22.43	ug/l #	36
79) 2-Chlorotoluene	11.42	91	2651	0.24	ug/l	74
80) 1,3,5-Trimethylbenzene	11.51	105	10992	0.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	107801	69.43	ug/l #	9
82) 4-Chlorotoluene	11.42	91	2651	0.20	ug/l	79
84) 1,2,4-Trimethylbenzene	11.80	105	9655	0.70	ug/l	96
86) p-Isopropyltoluene	12.02	119	3319	0.23	ug/l	96
89) n-Butylbenzene	12.38	91	3622	0.32	ug/l #	20
90) Hexachloroethane	12.61	117	1134	0.53	ug/l #	4
95) Naphthalene	13.83	128	221730	14.07	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

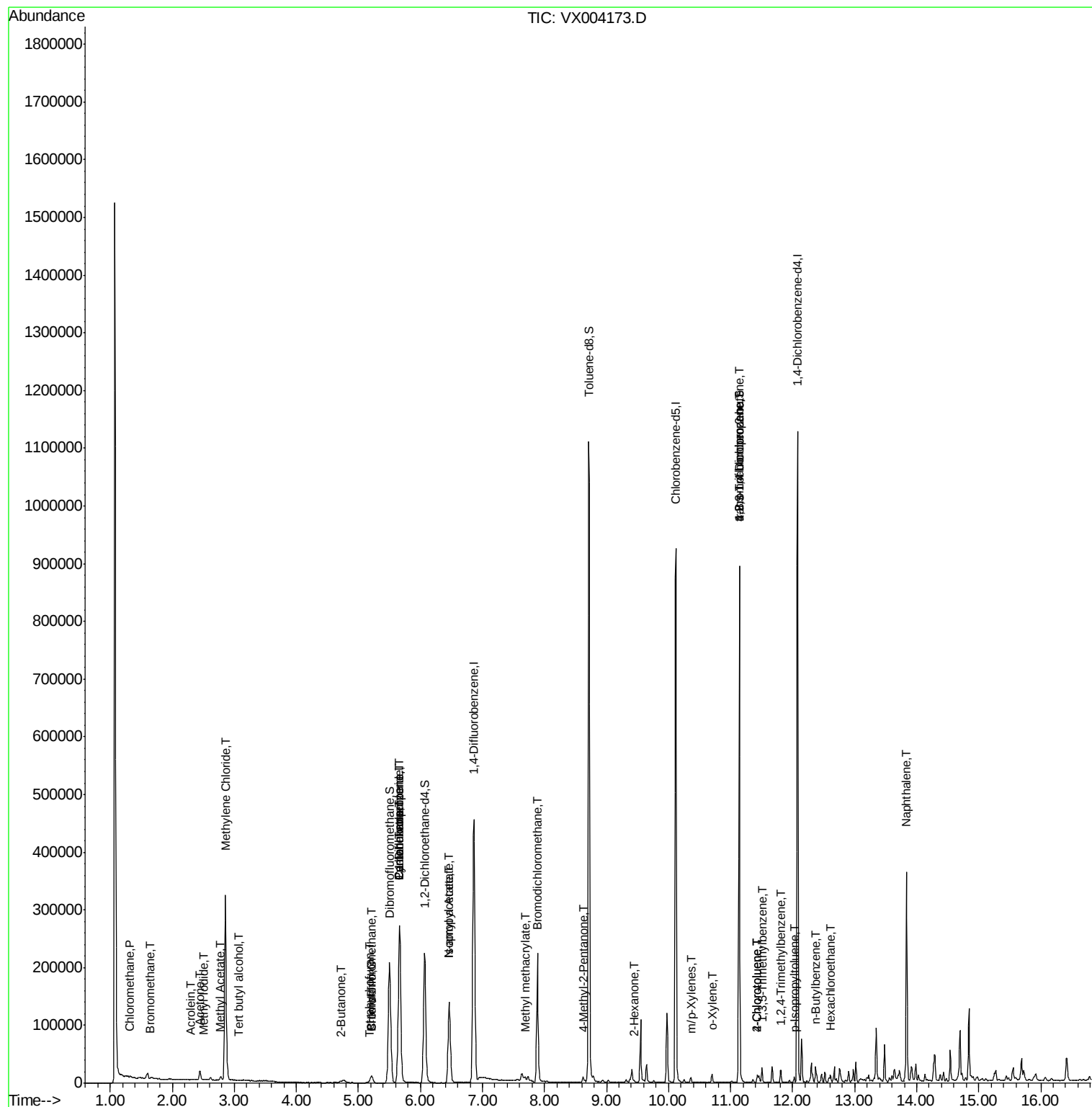
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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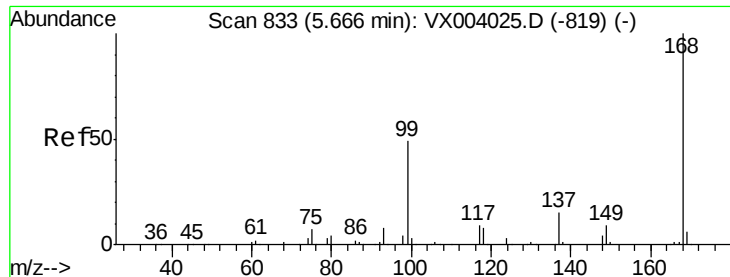
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

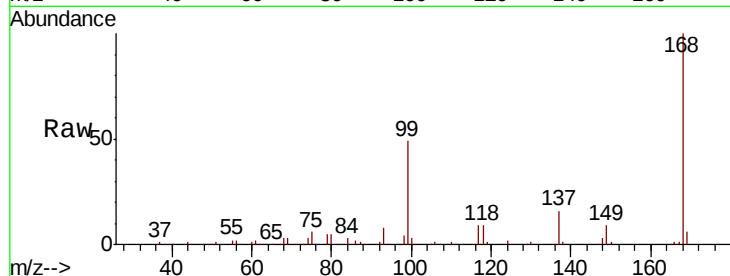
HR-06-082018-B

Tot Ion:168 Resp: 276658

Ion Ratio Lower Upper

168 100

99 49.3 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

100000

80000

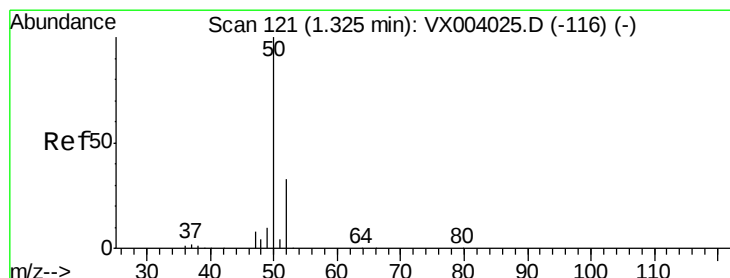
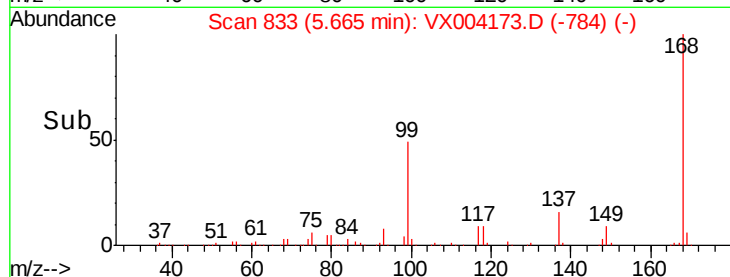
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004173.D

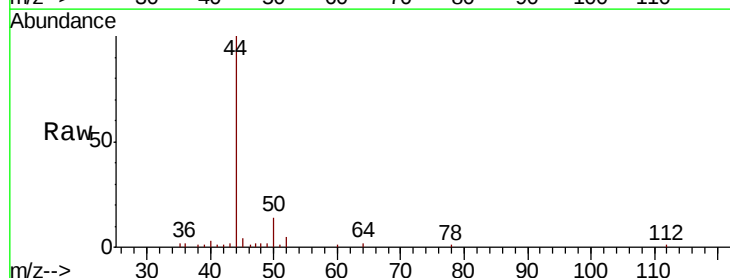
Acq: 21 Aug 2018 14:05

Tgt Ion: 50 Resp: 2341

Ion Ratio Lower Upper

50 100

52 32.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1200

1000

800

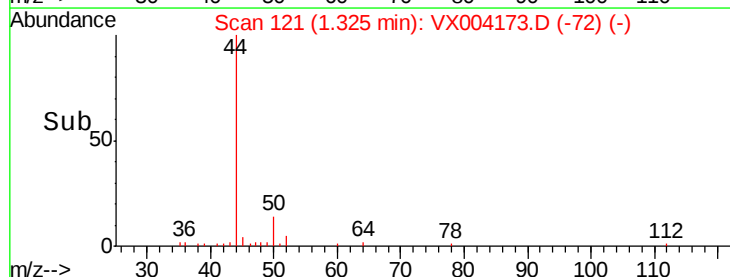
600

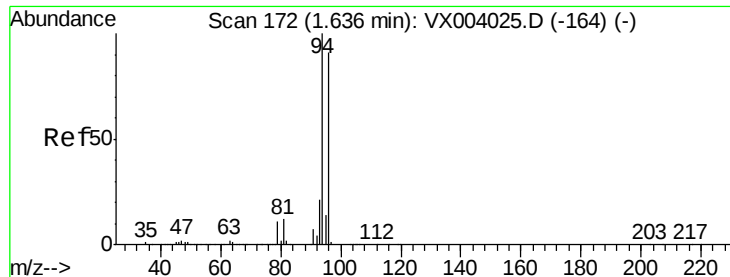
400

200

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.38 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

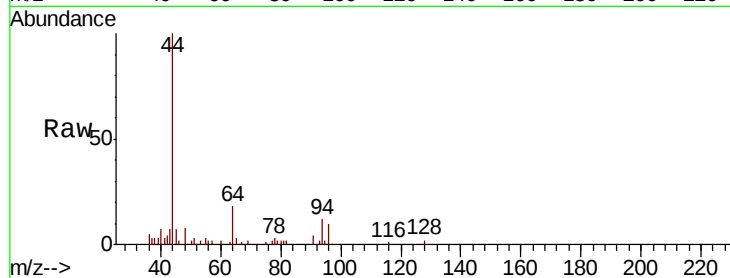
HR-06-082018-B

Tot Ion: 94 Resp: 1009

Ion Ratio Lower Upper

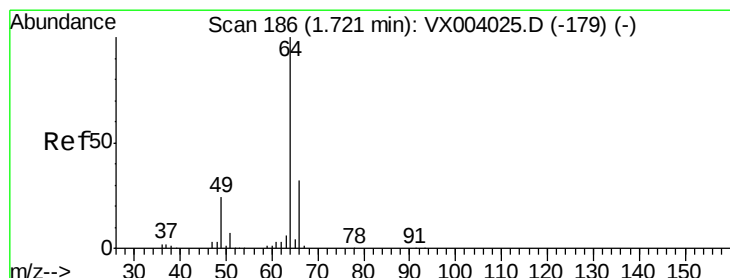
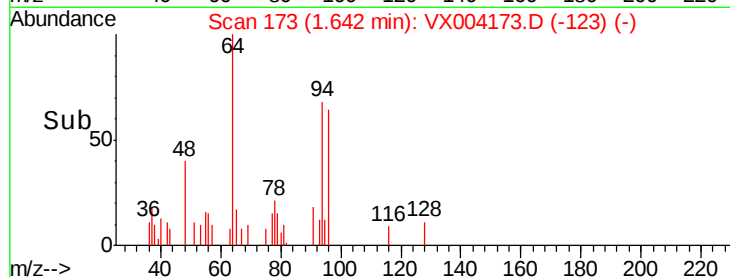
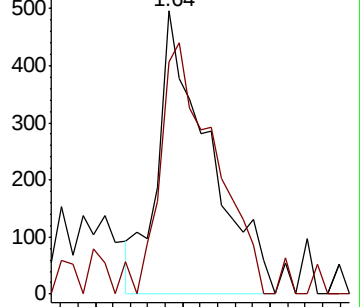
94 100

96 81.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Chconen: Below Cal

RT: 1.75 min Scan# 191

Delta R.T. 0.03 min

Lab File: VX004173.D

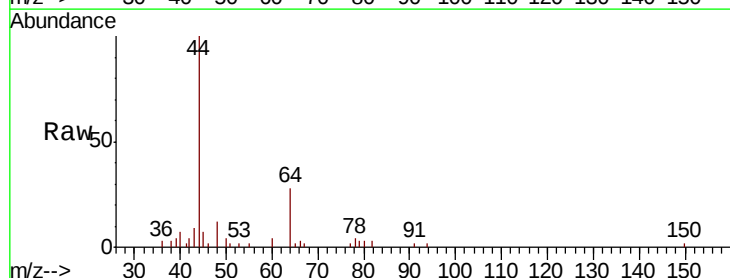
Acq: 21 Aug 2018 14:05

Tgt Ion: 64 Resp: 595

Ion Ratio Lower Upper

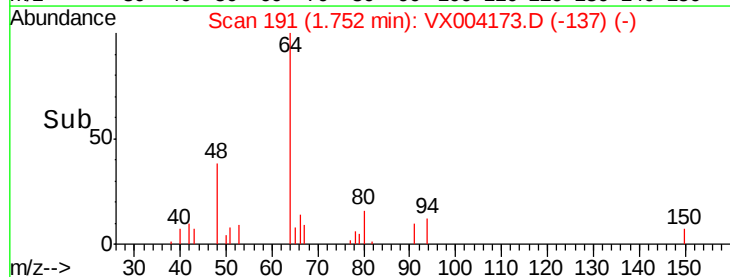
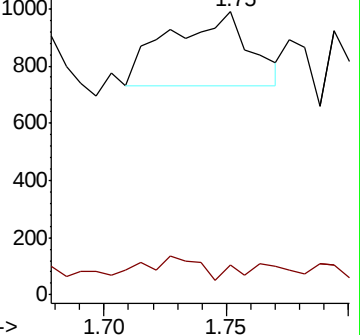
64 100

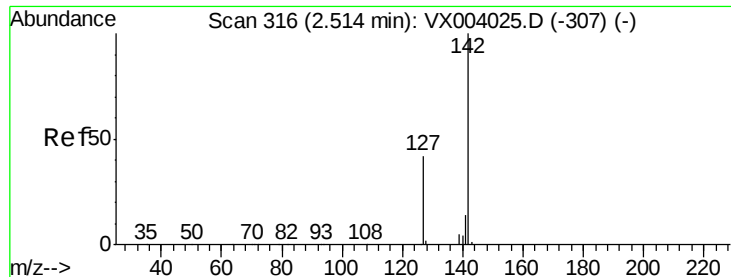
66 6.9 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

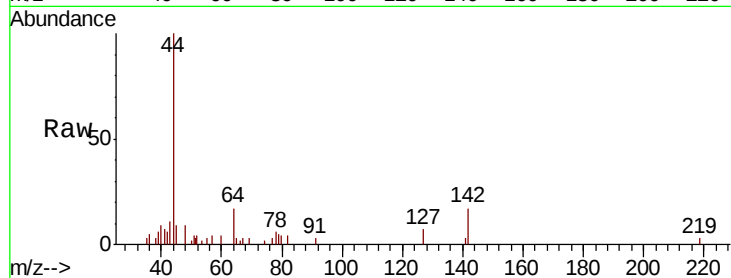




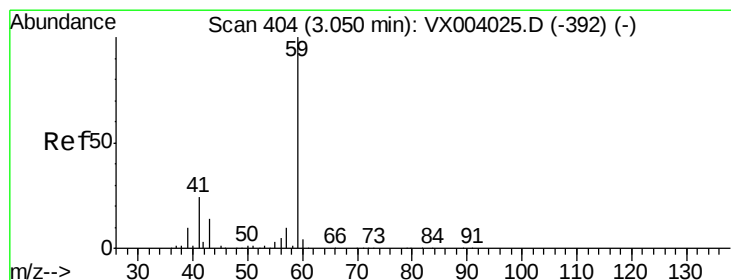
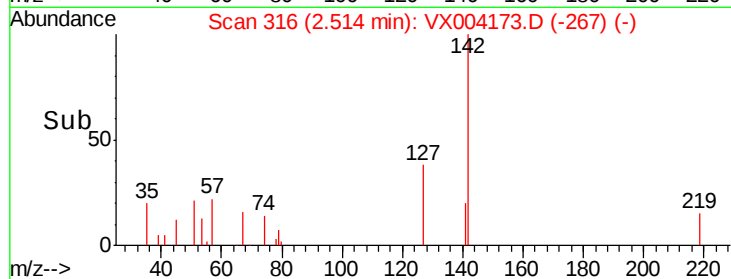
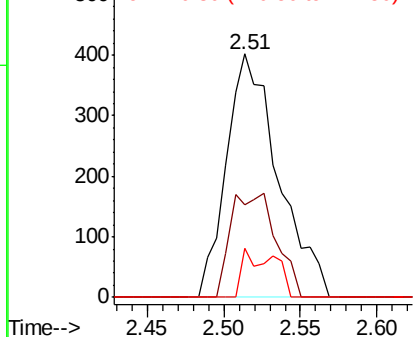
#10
Methyl Iodide
Concen: 5.26 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

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

Tot Ion:142 Resp: 946
Ion Ratio Lower Upper
142 100
127 37.3 33.1 49.7
141 12.3 11.1 16.7

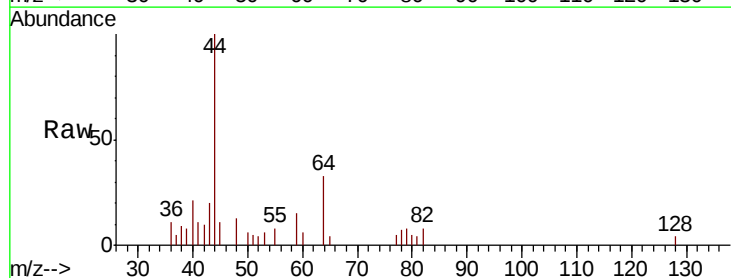


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

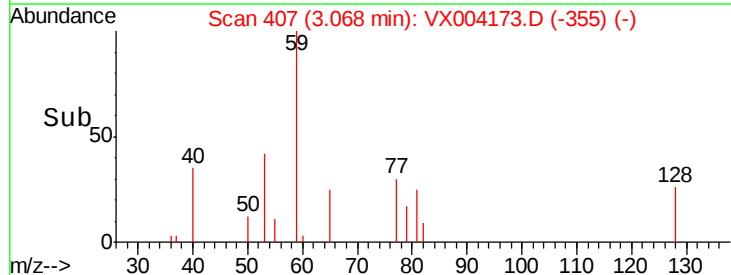
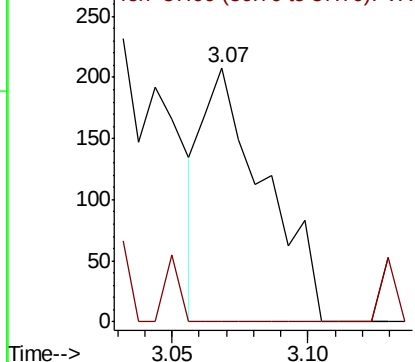


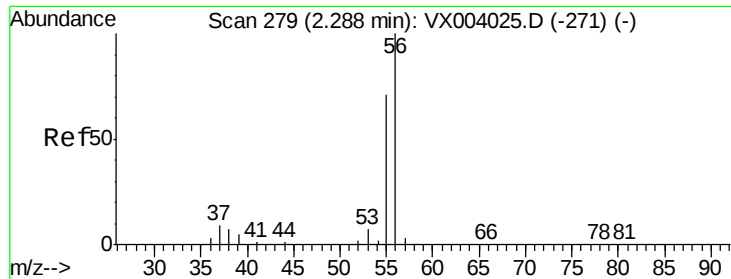
#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 3.07 min Scan# 407
Delta R.T. 0.02 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion: 59 Resp: 331
Ion Ratio Lower Upper
59 100
57 6.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 11.38 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

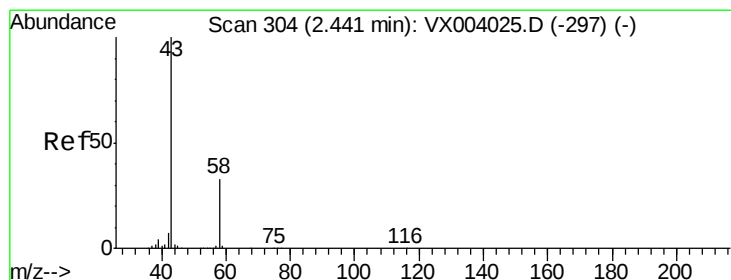
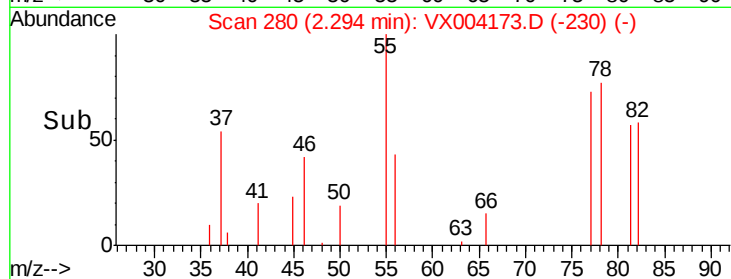
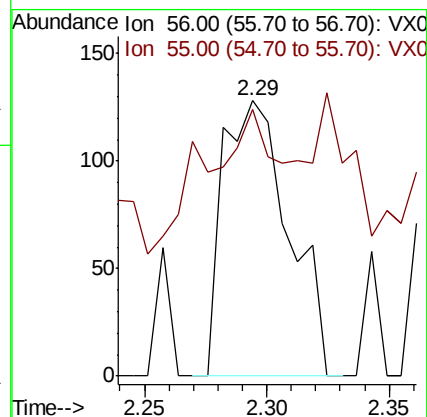
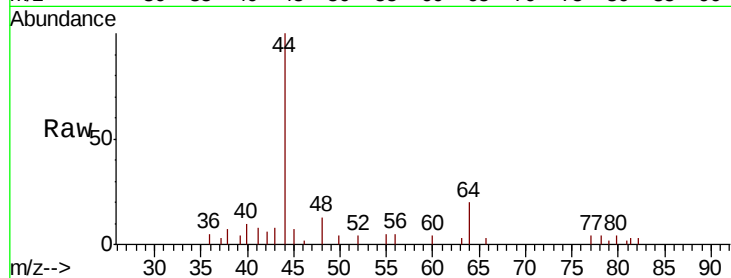
HR-06-082018-B

Tot Ion: 56 Resp: 240

Ion Ratio Lower Upper

56 100

55 54.6 56.1 84.1#



#16

Acetone

Concen: 8.44 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004173.D

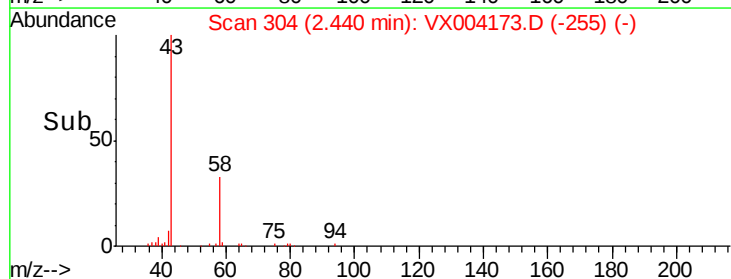
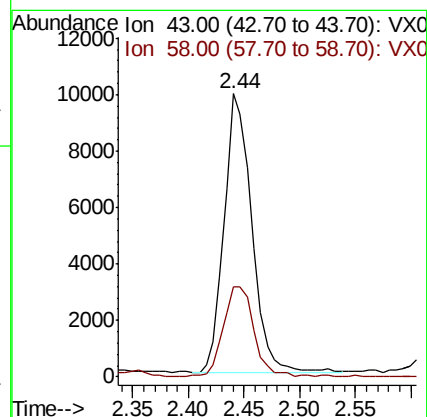
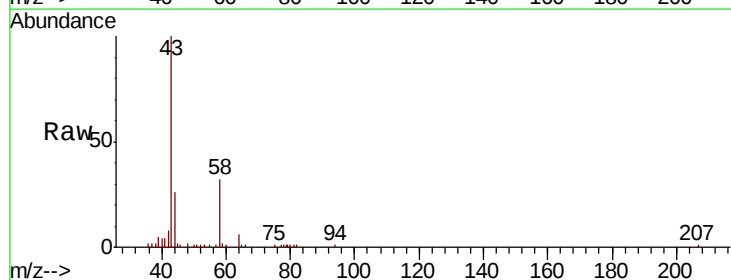
Acq: 21 Aug 2018 14:05

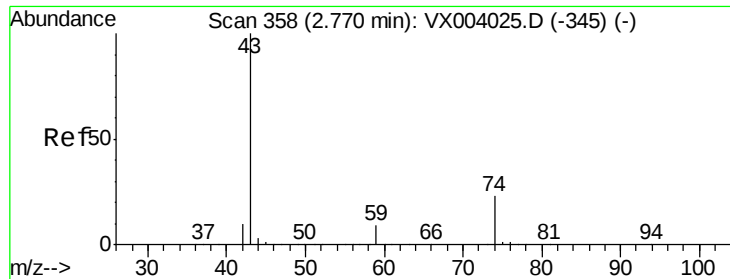
Tgt Ion: 43 Resp: 17109

Ion Ratio Lower Upper

43 100

58 32.5 26.4 39.6

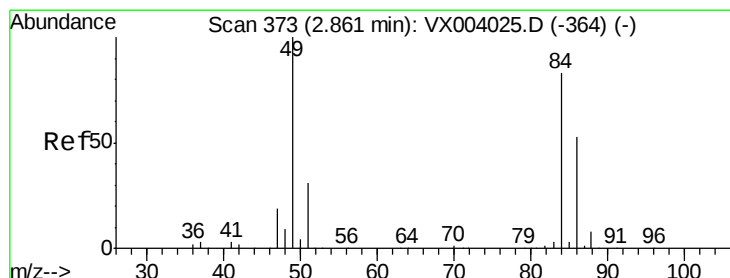
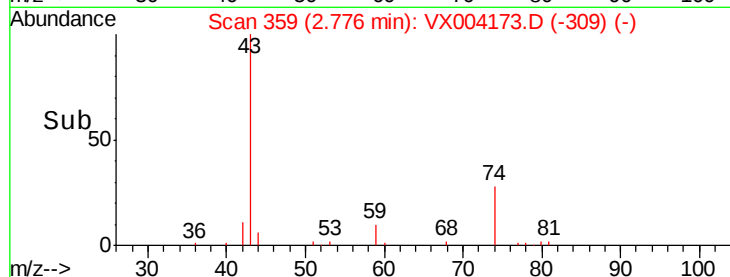
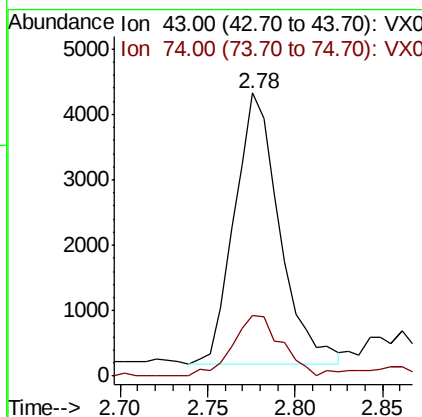
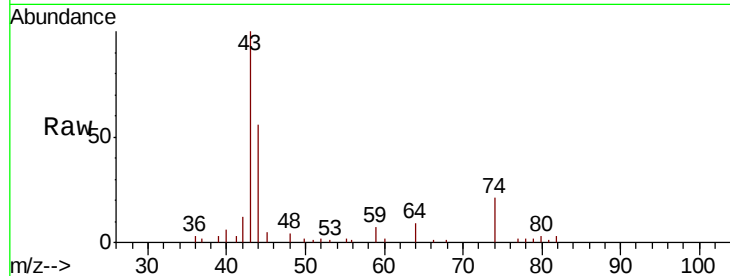




#18
Methyl Acetate
Concen: 1.65 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

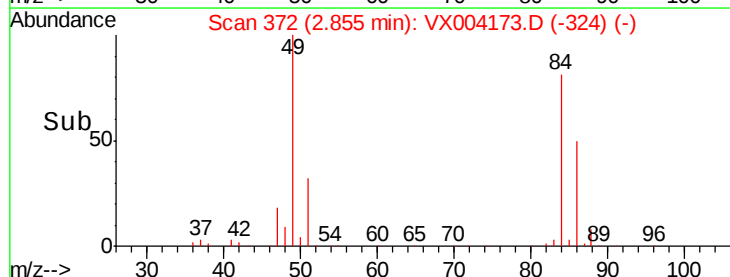
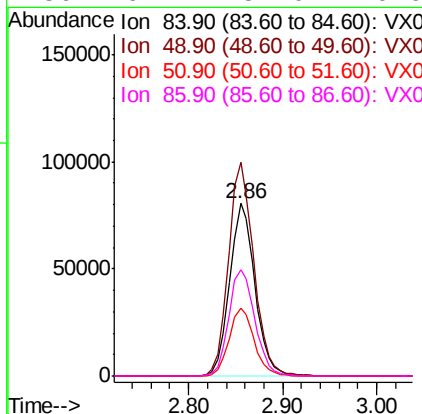
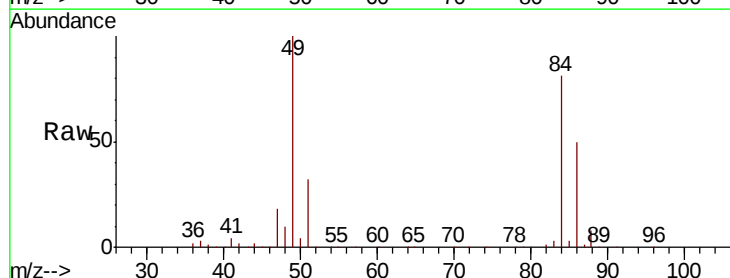
Instrument :
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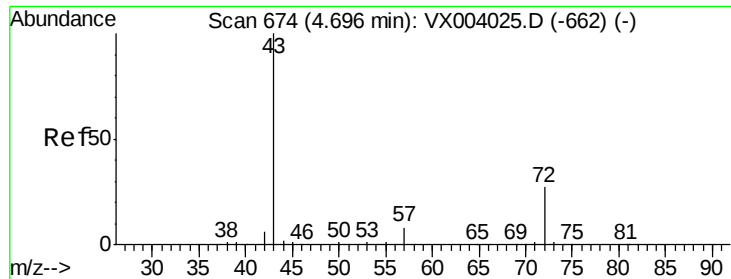
Tot Ion: 43 Resp: 7438
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3



#20
Methylene Chloride
Concen: 45.14 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion: 84 Resp: 149726
Ion Ratio Lower Upper
84 100
49 123.9 98.9 148.3
51 39.3 29.9 44.9
86 61.7 51.0 76.6





#25

2-Butanone

Concen: 1.33 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.02 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

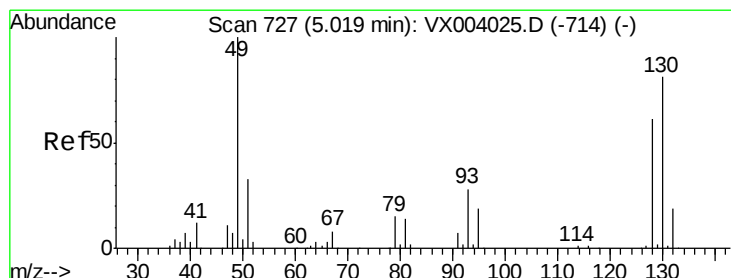
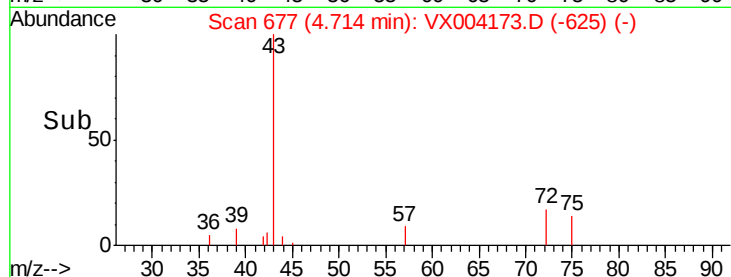
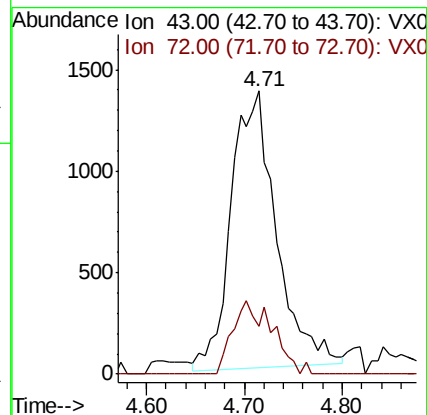
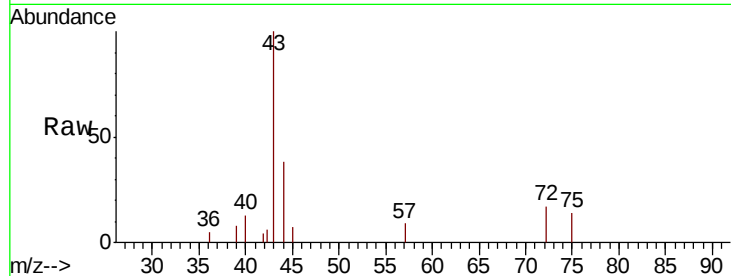
HR-06-082018-B

Tot Ion: 43 Resp: 4399

Ion Ratio Lower Upper

43 100

72 17.4 21.4 32.0#



#28

Bromochloromethane

Concen: 0.42 ug/l

RT: 5.21 min Scan# 758

Delta R.T. 0.19 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

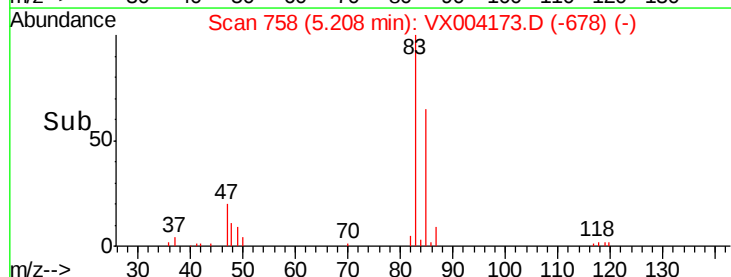
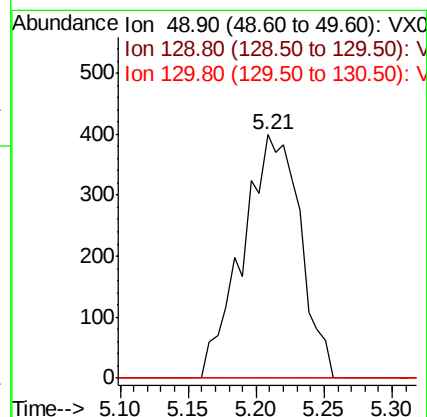
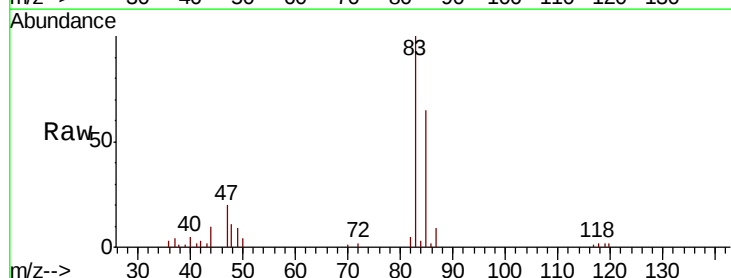
Tgt Ion: 49 Resp: 1184

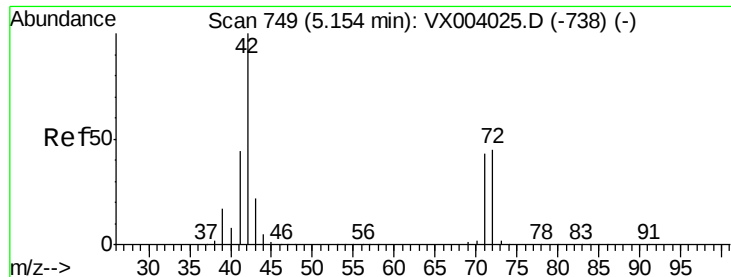
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 66.5 99.7#

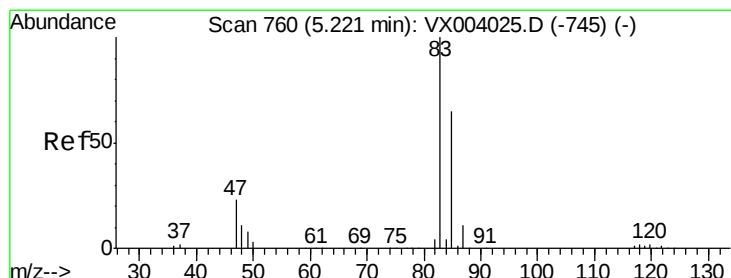
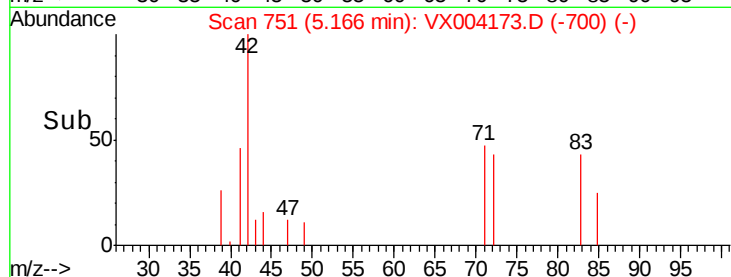
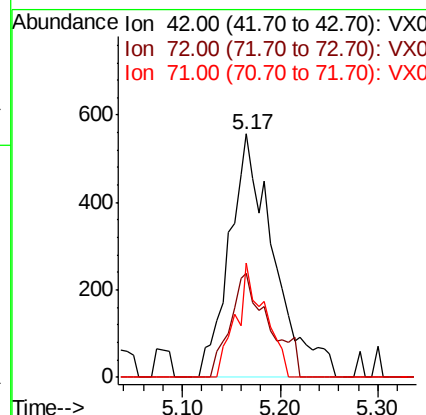
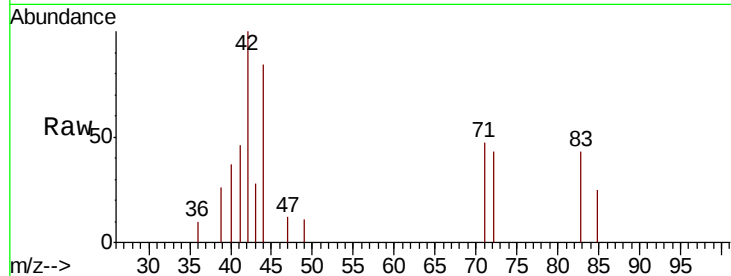




#29
Tetrahydrofuran
Concen: 1.05 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

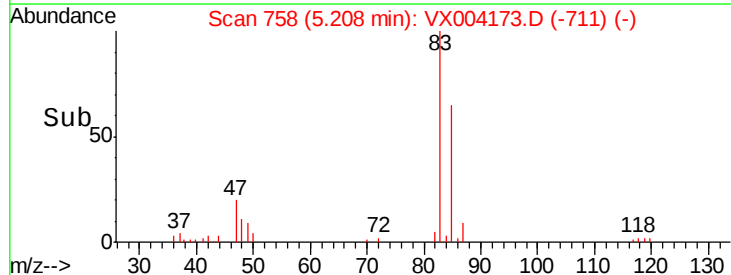
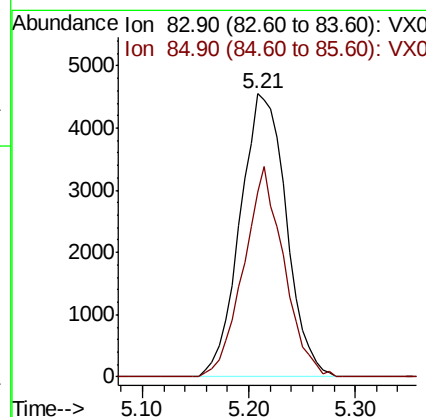
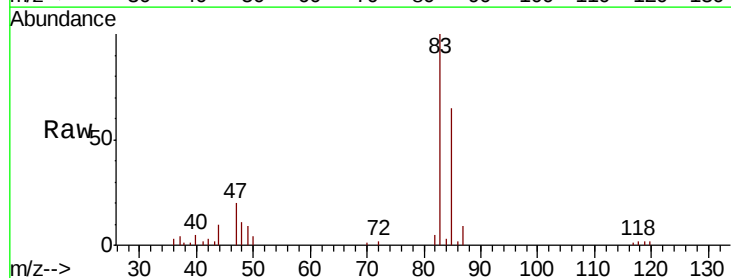
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-B

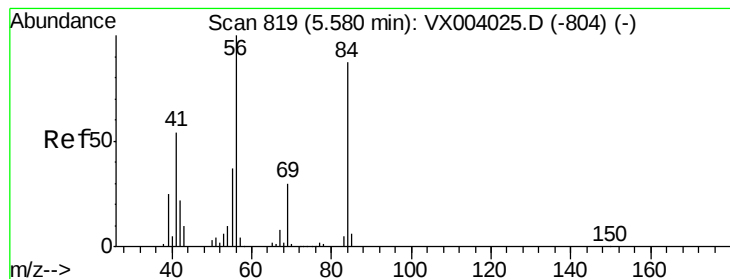
Tot Ion: 42 Resp: 1764
Ion Ratio Lower Upper
42 100
72 37.2 37.7 56.5#
71 30.4 35.0 52.6#



#30
Chloroform
Concen: 2.31 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion: 83 Resp: 13836
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.65 min Scan# 831

Delta R.T. 0.07 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-B

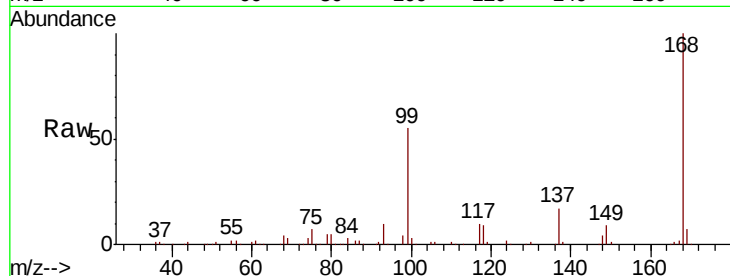
Tot Ion: 56 Resp: 4978

Ion Ratio Lower Upper

56 100

69 162.3 24.9 37.3#

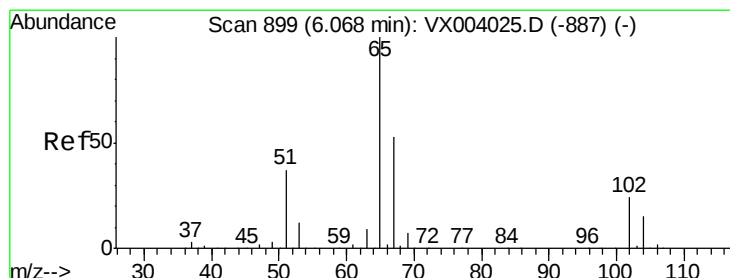
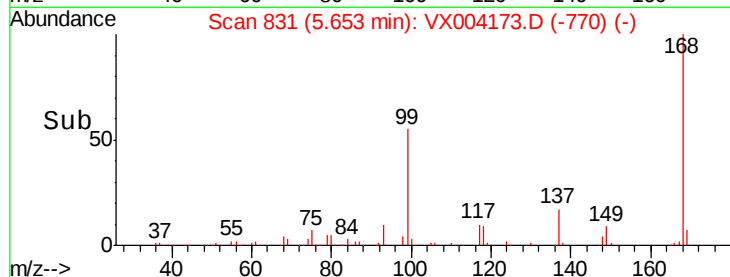
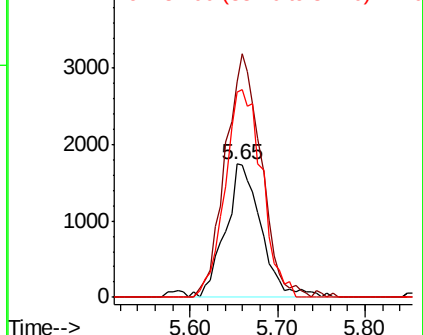
84 154.0 71.7 107.5#



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: 53.19 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004173.D

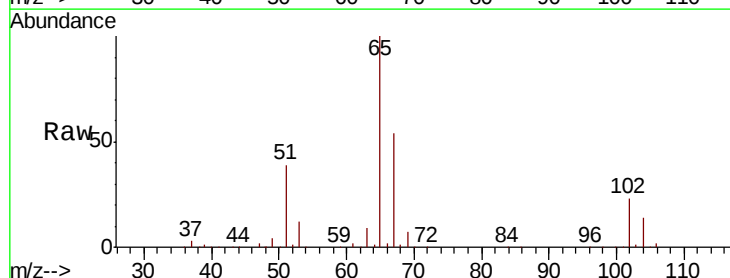
Acq: 21 Aug 2018 14:05

Tgt Ion: 65 Resp: 207327

Ion Ratio Lower Upper

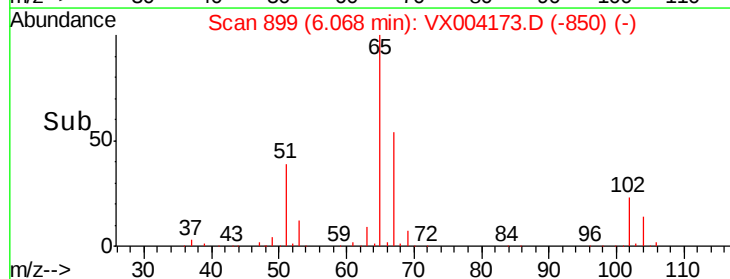
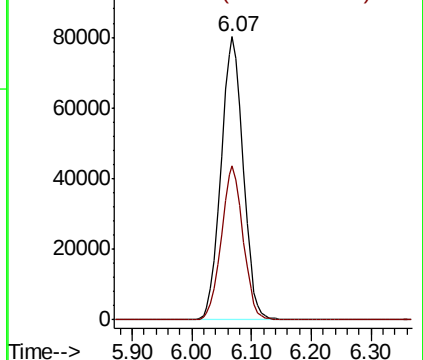
65 100

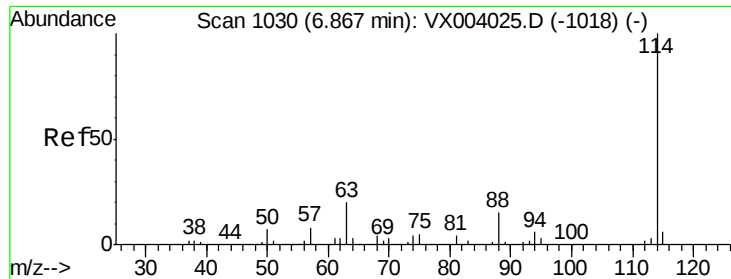
67 53.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

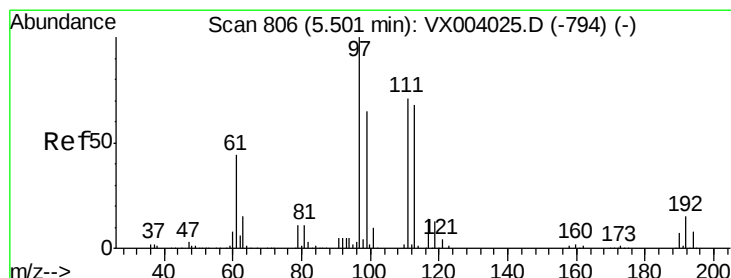
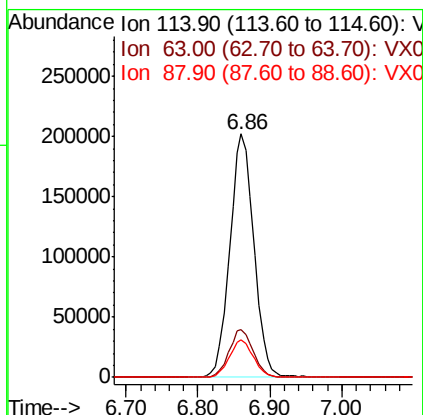
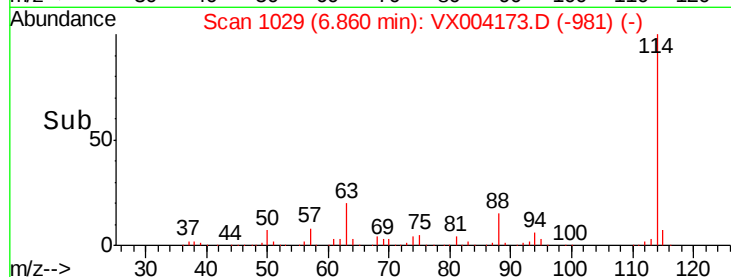
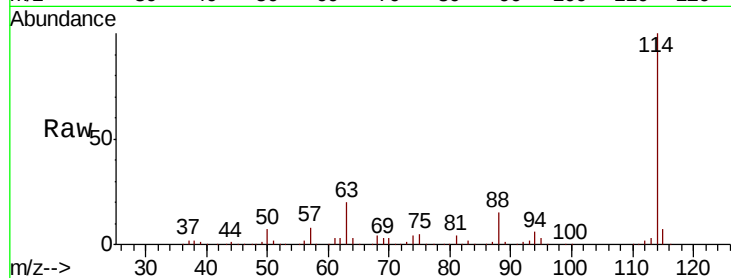




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

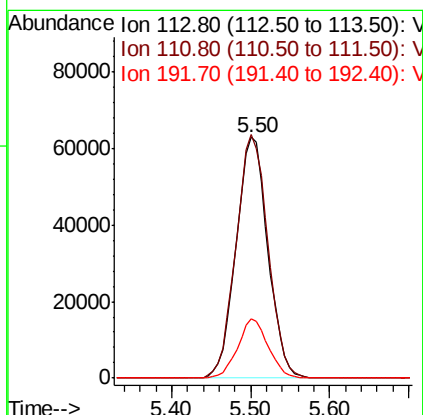
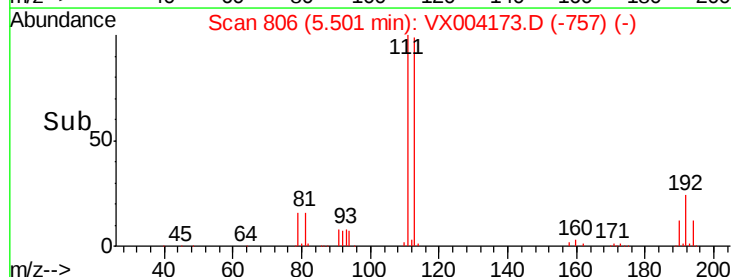
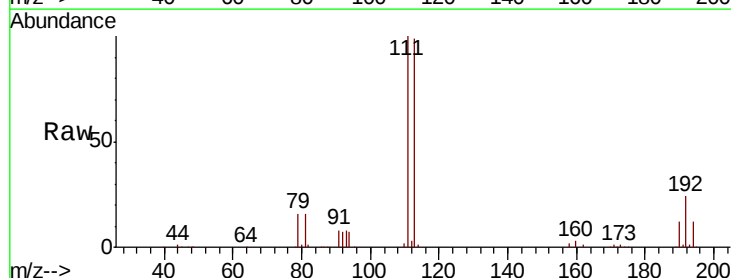
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-B

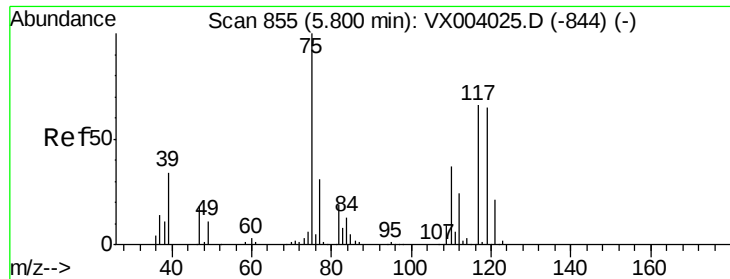
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.23 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	23.5	19.0	28.4

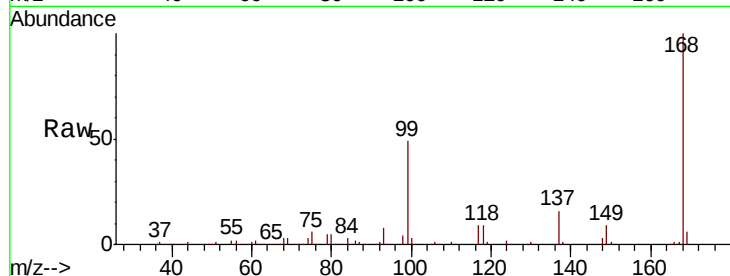




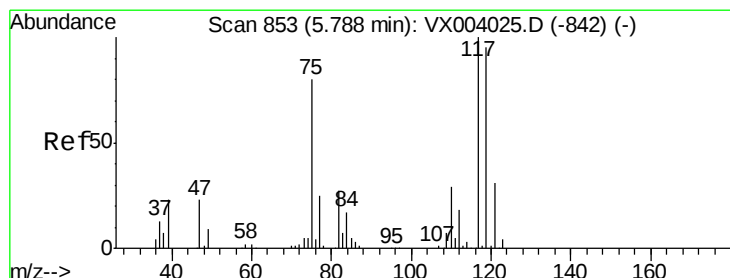
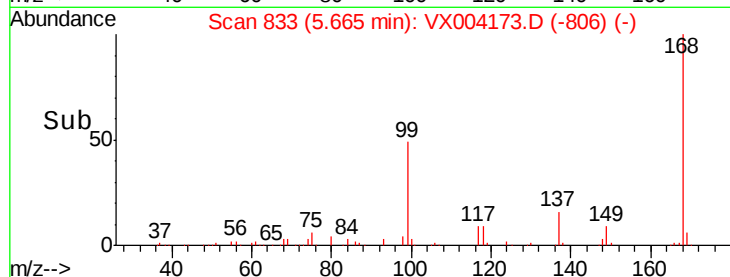
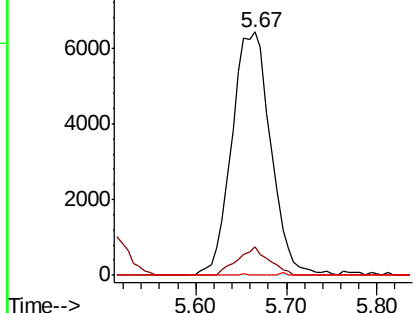
#36
 1,1-Dichloropropene
 Concen: 3.58 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

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

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.2	54.6#
77	0.1	25.0	37.4#

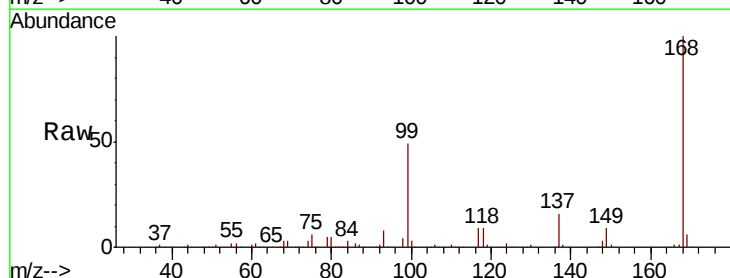


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

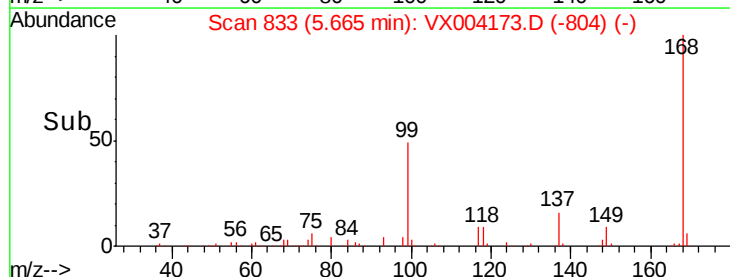
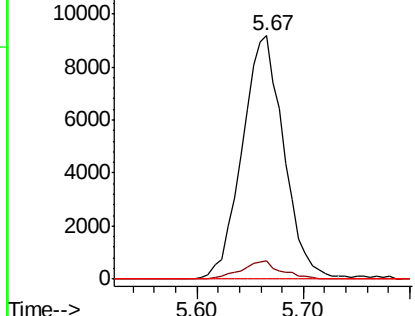


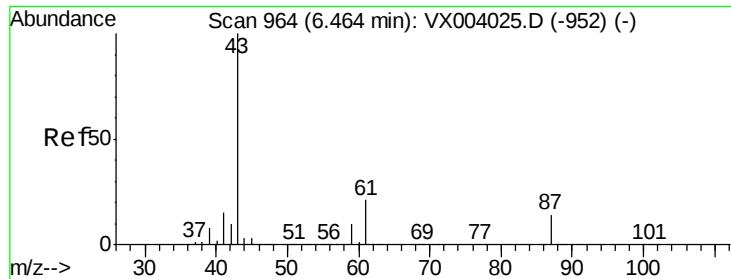
#38
 Carbon Tetrachloride
 Concen: 4.84 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.5	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



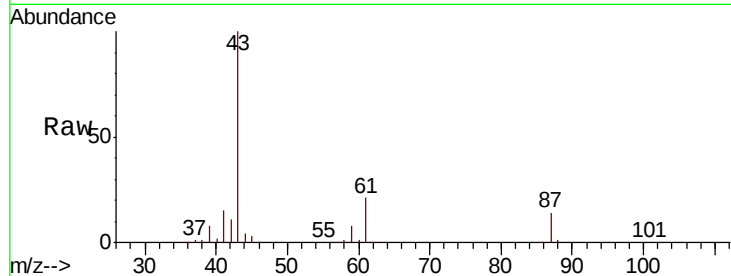


#43

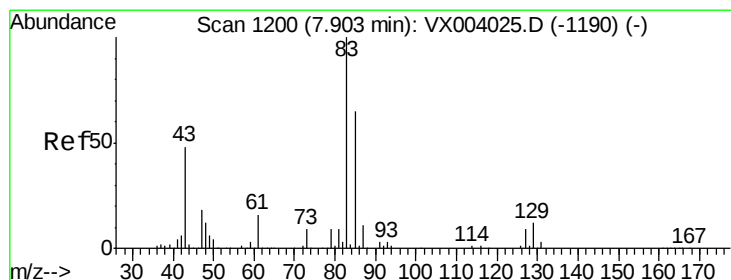
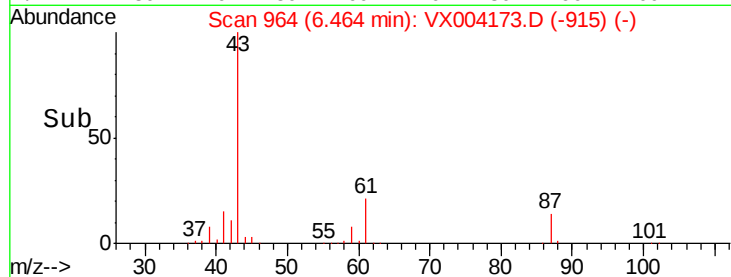
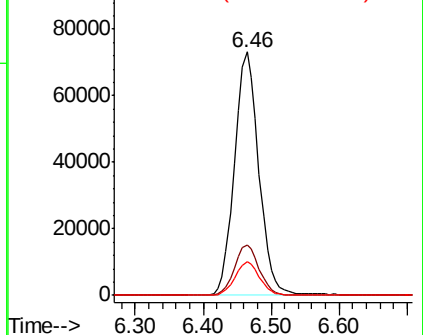
Isopropyl Acetate
 Concen: 21.27 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.9	25.3
87	13.8	11.3	16.9



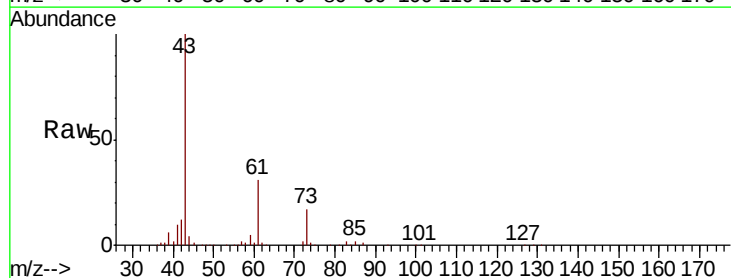
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



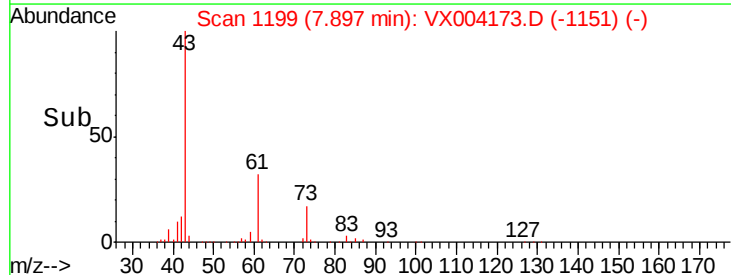
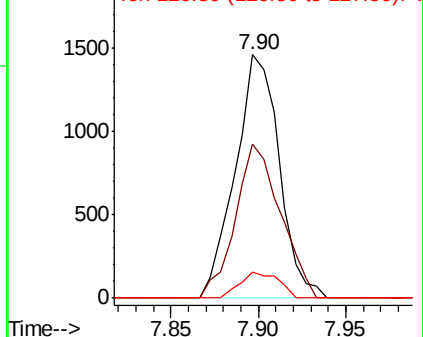
#47

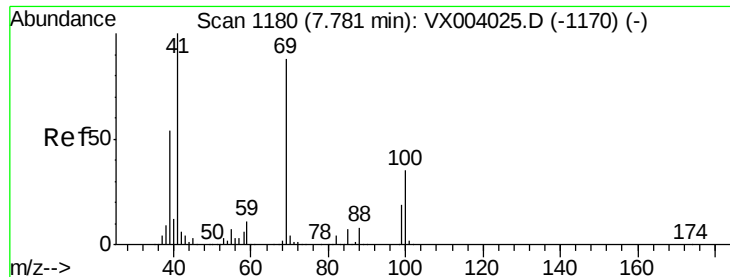
Bromodichloromethane
 Concen: 0.50 ug/l
 RT: 7.90 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.2	76.8
127	10.6	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

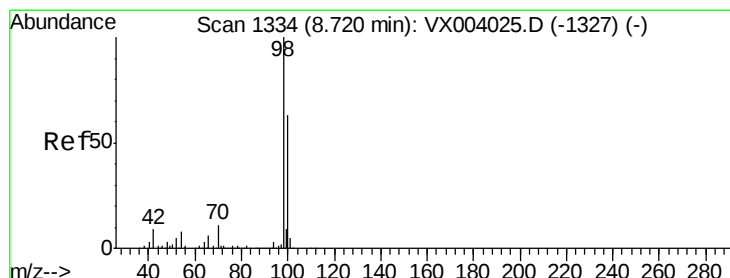
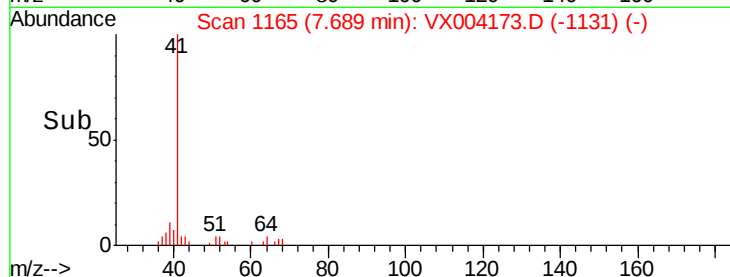
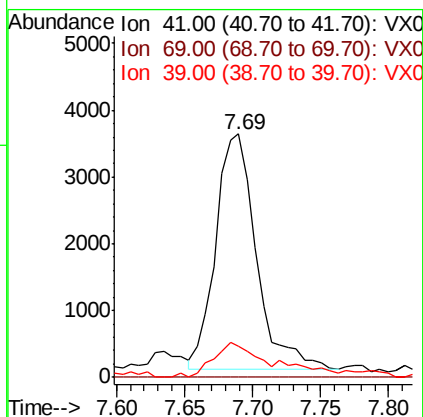
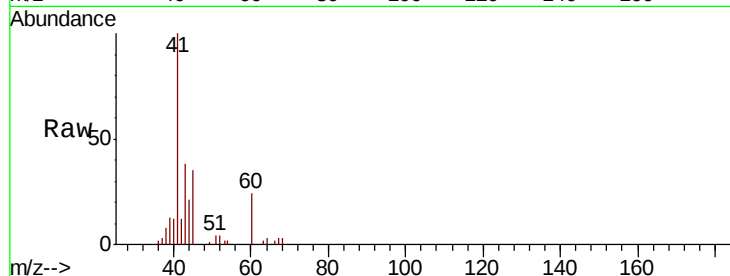




#48
Methvl methacrylate
Concen: 1.69 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

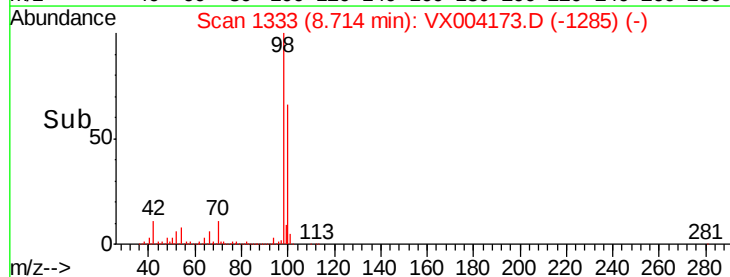
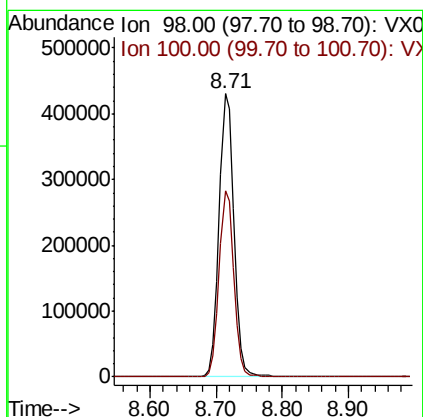
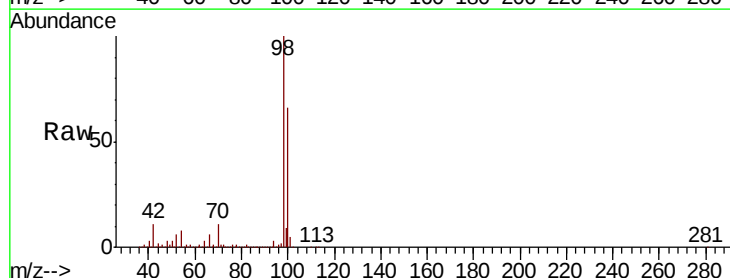
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-B

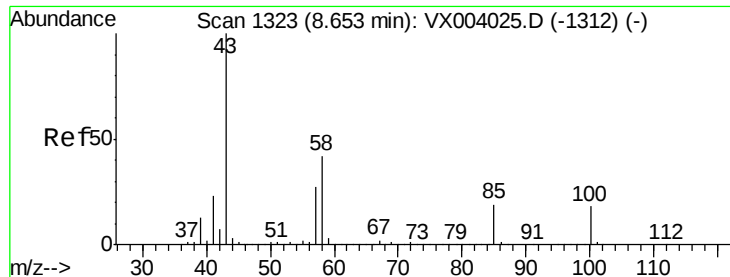
Tot Ion: 41 Resp: 7314
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 15.5 42.3 63.5#



#50
Toluene-d8
Concen: 46.72 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion: 98 Resp: 665920
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 8.62 min Scan# 1318

Delta R.T. -0.03 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

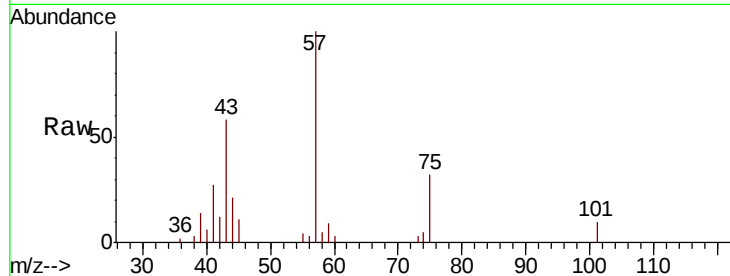
HR-06-082018-B

Tot Ion: 43 Resp: 2810

Ion Ratio Lower Upper

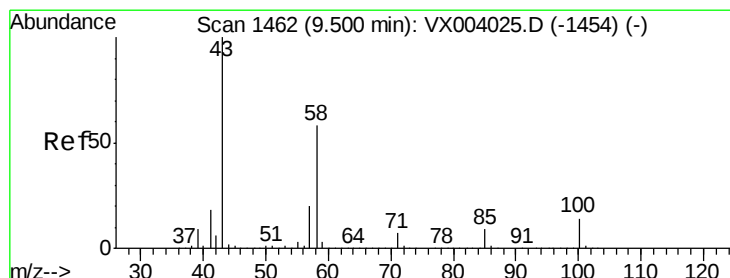
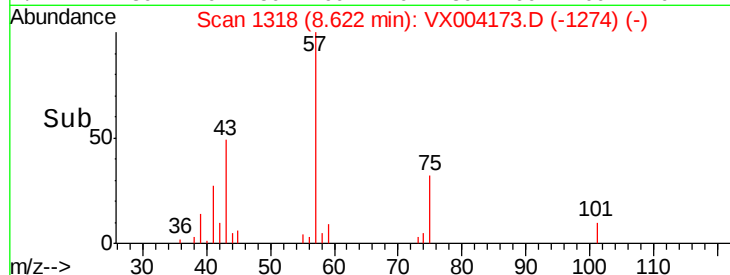
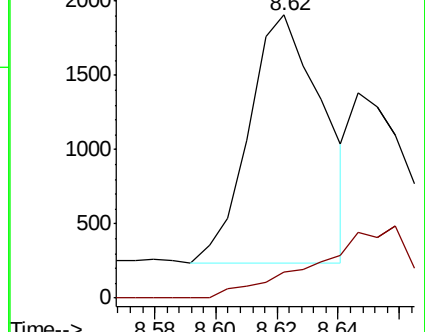
43 100

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



#59

2-Hexanone

Concen: 0.31 ug/l

RT: 9.44 min Scan# 1452

Delta R.T. -0.06 min

Lab File: VX004173.D

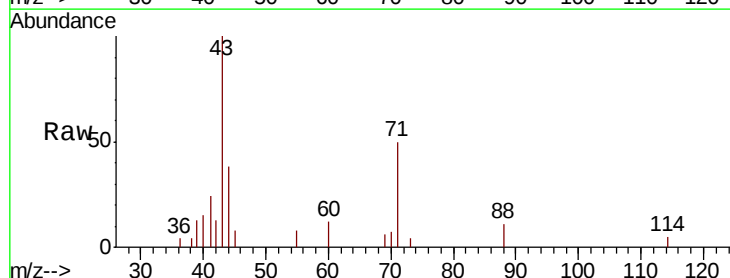
Acq: 21 Aug 2018 14:05

Tgt Ion: 43 Resp: 1641

Ion Ratio Lower Upper

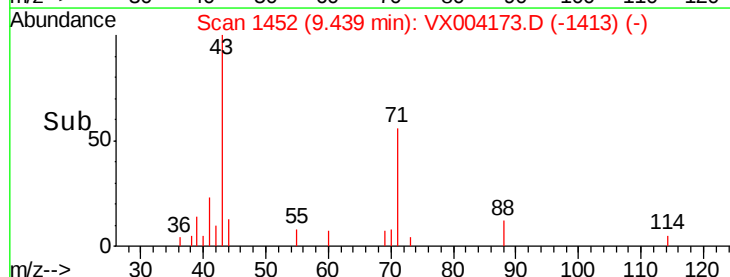
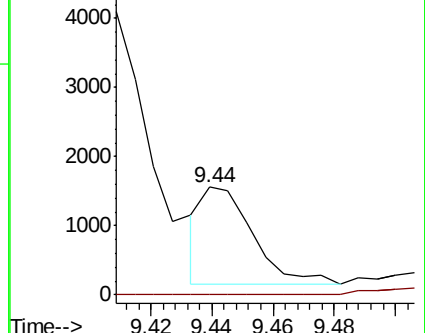
43 100

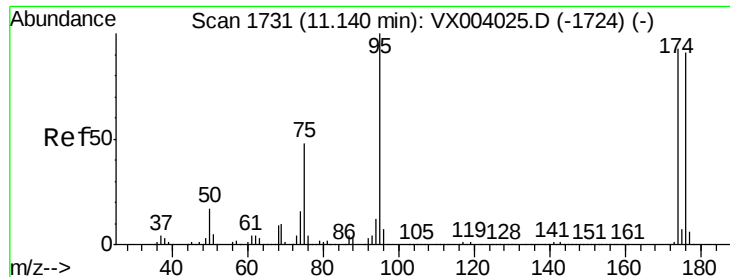
58 0.0 29.0 87.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

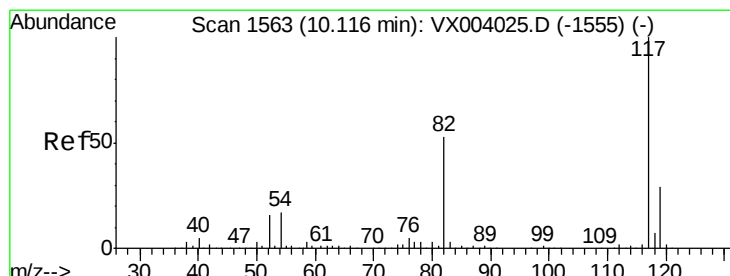
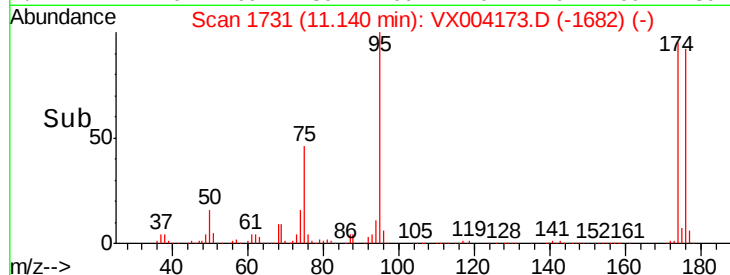
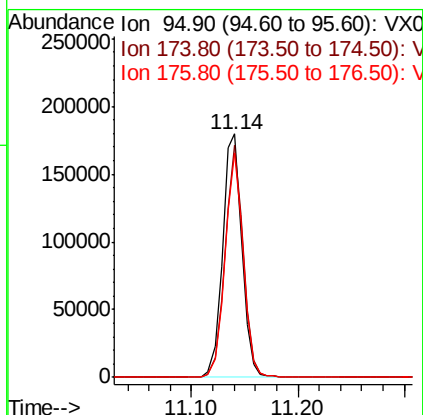
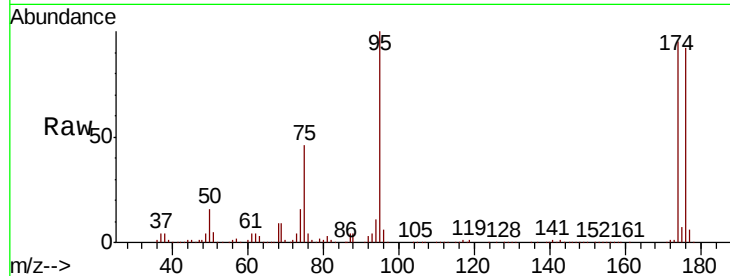




#62
 4-Bromofluorobenzene
 Concen: 44.04 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

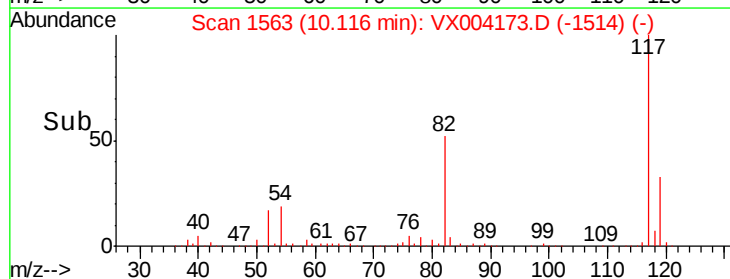
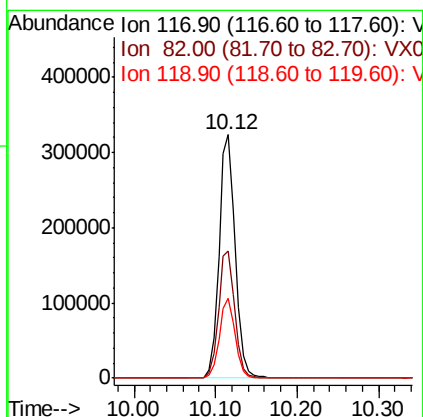
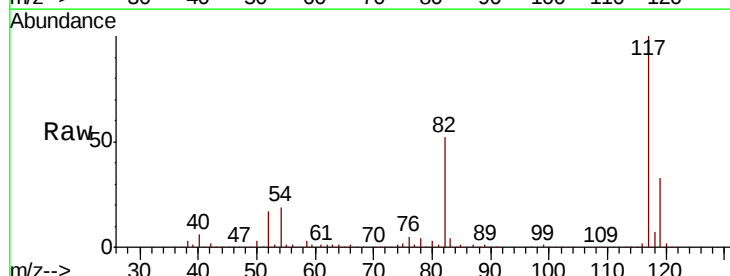
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-B

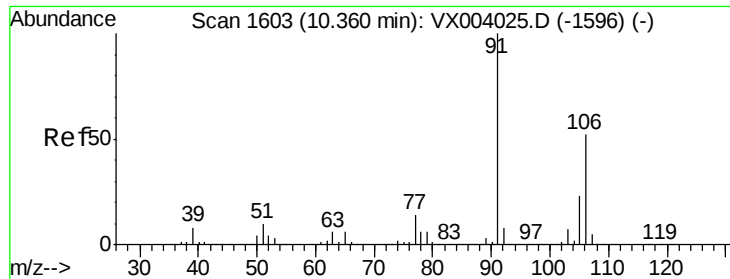
Tot Ion: 95 Resp: 227673
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 182.8
 176 87.2 0.0 179.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Tgt Ion: 117 Resp: 445551
 Ion Ratio Lower Upper
 117 100
 82 52.5 45.4 68.0
 119 33.0 26.6 40.0

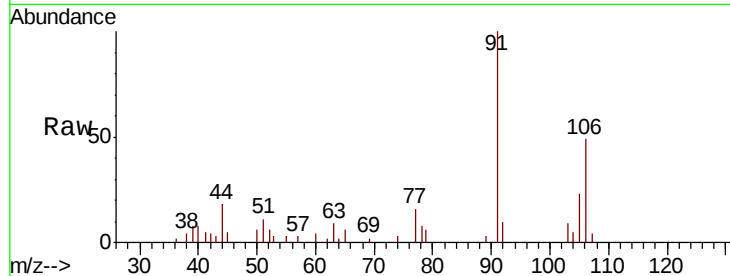




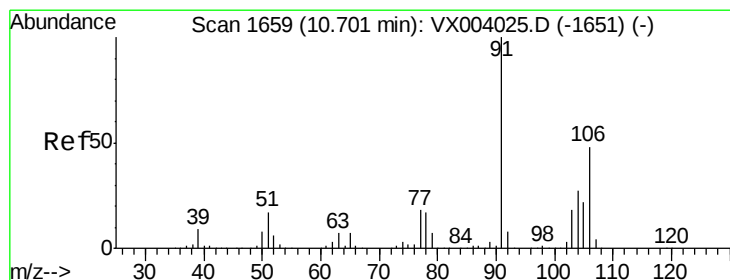
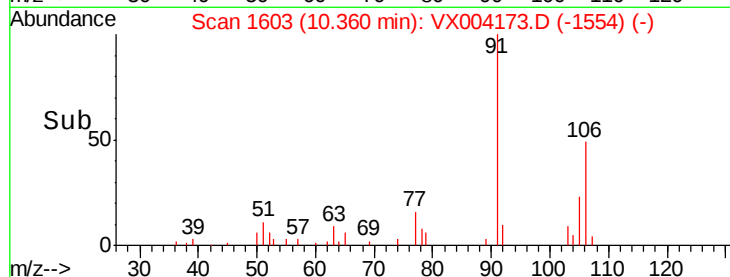
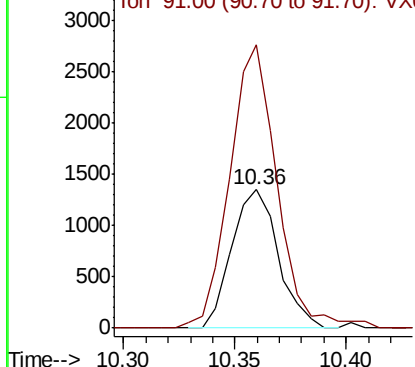
#68
m/p-Xylenes
Concen: 0.27 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

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

Tot Ion:106 Resp: 1957
Ion Ratio Lower Upper
106 100
91 208.4 162.3 243.5

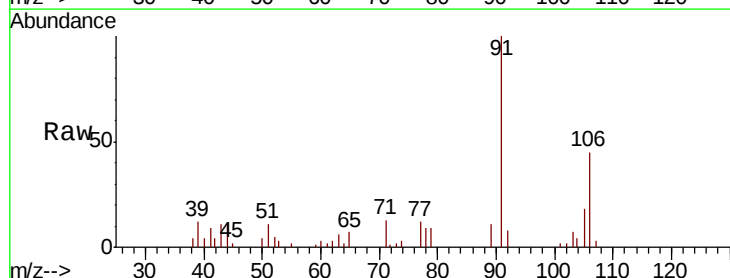


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

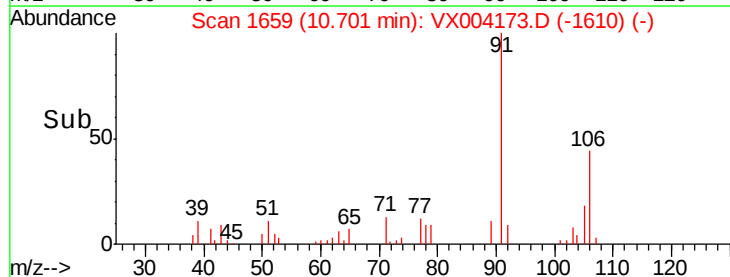
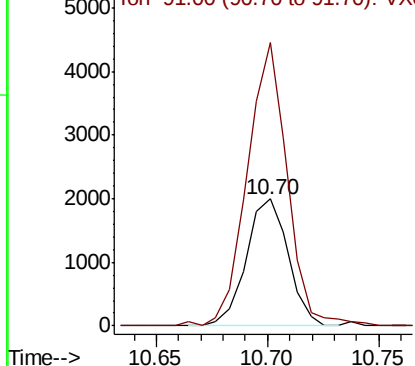


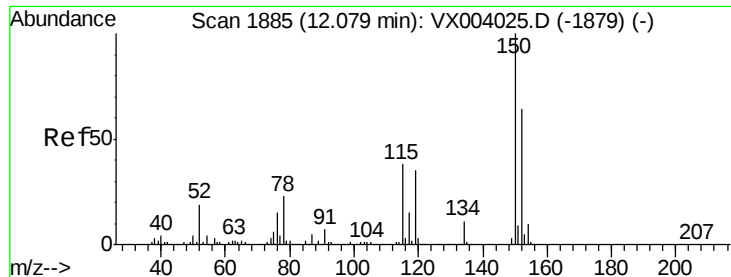
#69
o-Xylene
Concen: 0.38 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion:106 Resp: 2613
Ion Ratio Lower Upper
106 100
91 214.2 101.9 305.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-B

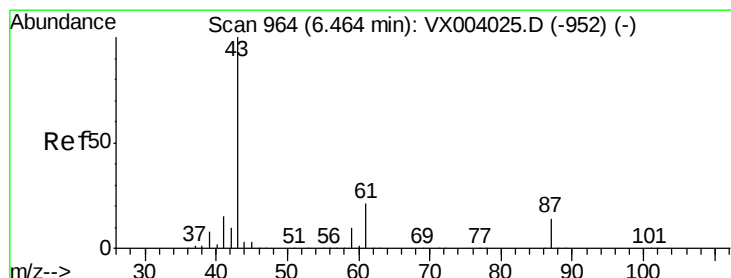
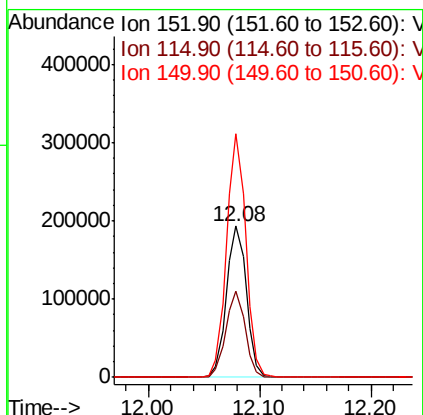
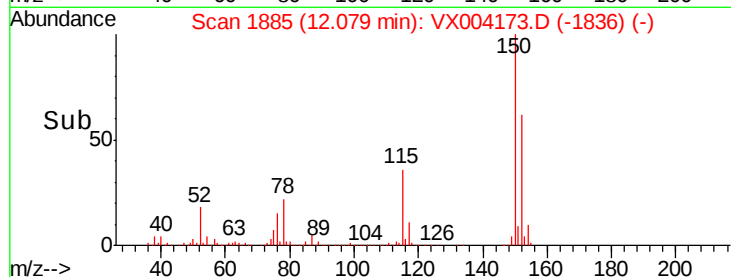
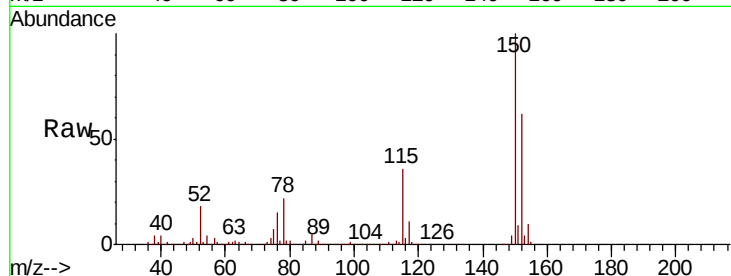
Tot Ion:152 Resp: 239652

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.3

150 156.3 0.0 349.2



#74

N-ethyl acetate

Concen: 23.93 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Tgt Ion: 43 Resp: 182506

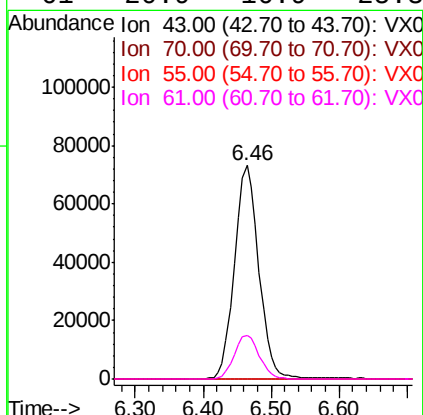
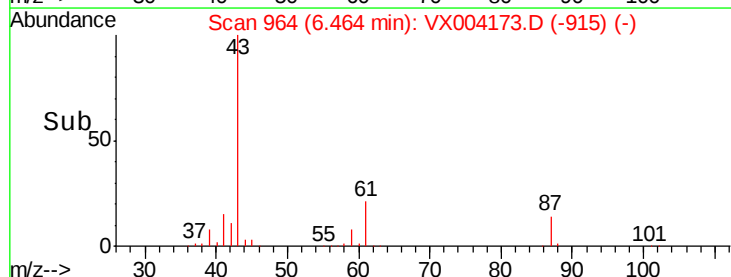
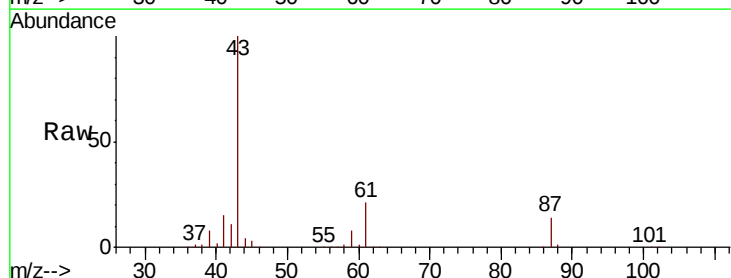
Ion Ratio Lower Upper

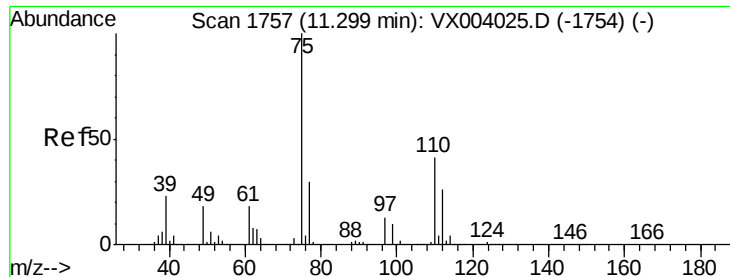
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.9 16.9 25.3





#76

1,2,3-Trichloropropane

Concen: 22.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

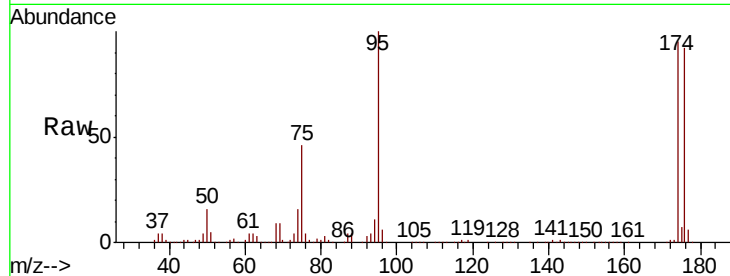
HR-06-082018-B

Tot Ion: 75 Resp: 107801

Ion Ratio Lower Upper

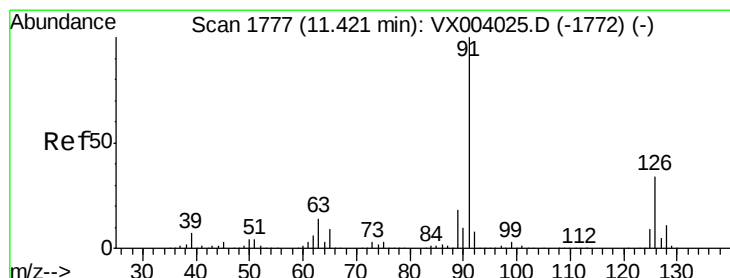
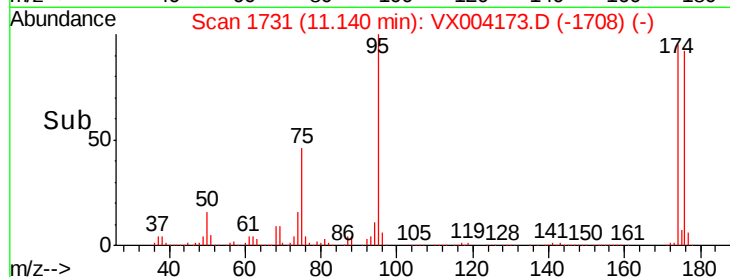
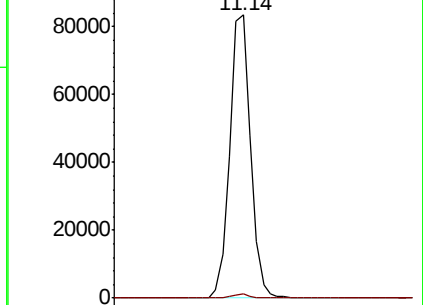
75 100

77 1.4 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#79

2-Chlorotoluene

Concen: 0.24 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004173.D

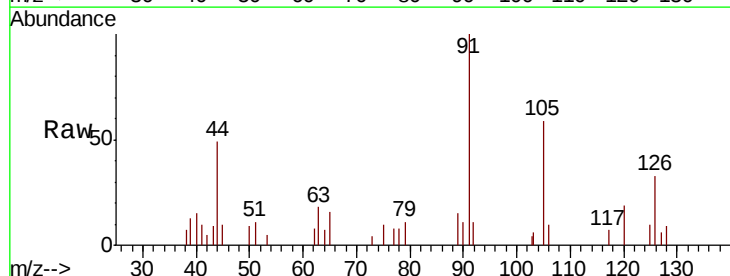
Acq: 21 Aug 2018 14:05

Tgt Ion: 91 Resp: 2651

Ion Ratio Lower Upper

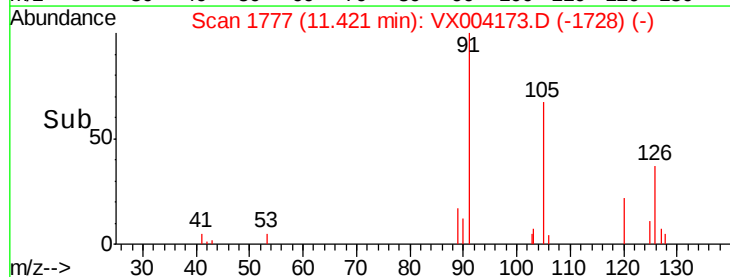
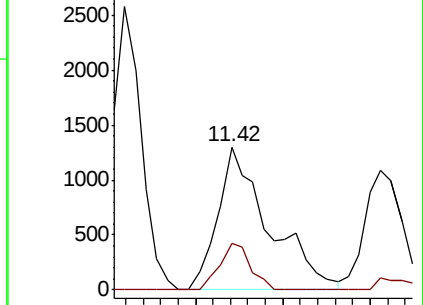
91 100

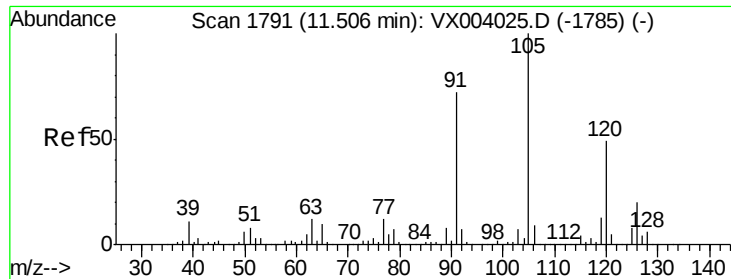
126 19.7 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

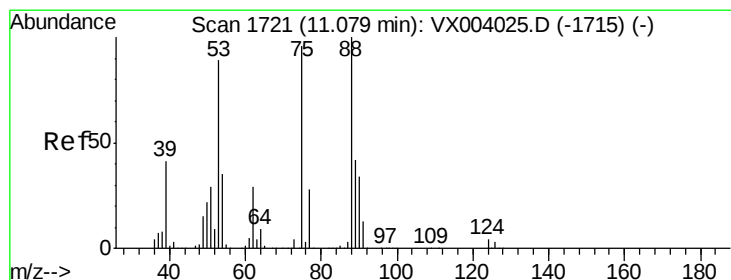
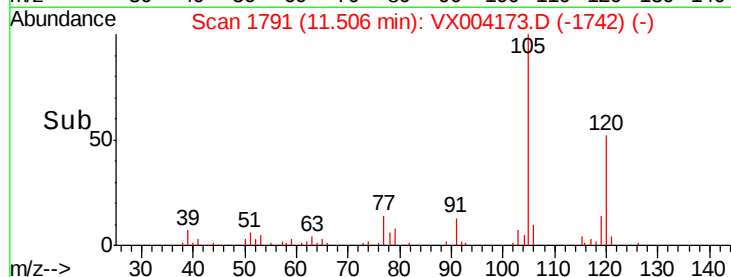
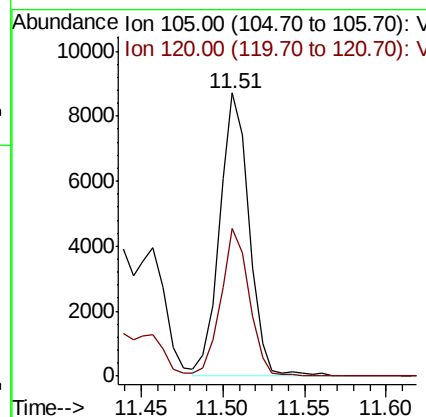
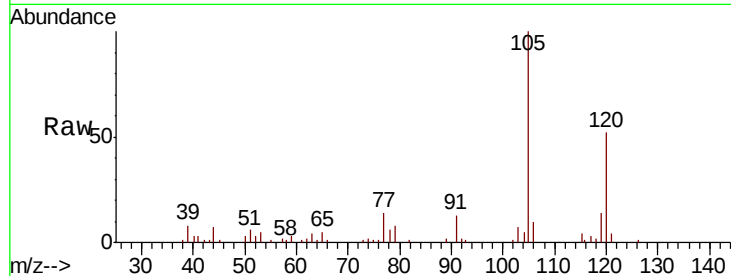




#80
 1,3,5-Trimethylbenzene
 Concen: 0.83 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

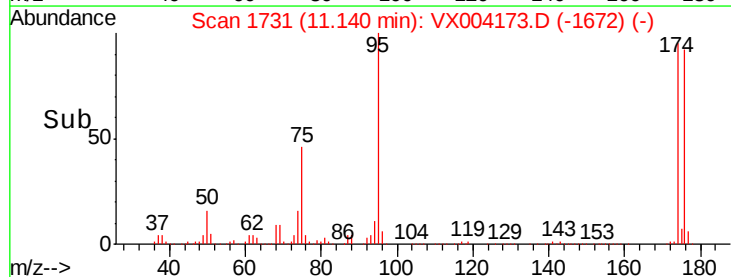
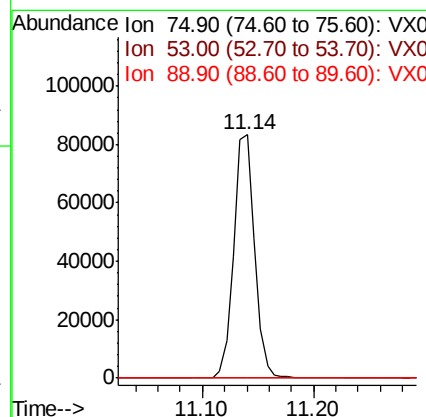
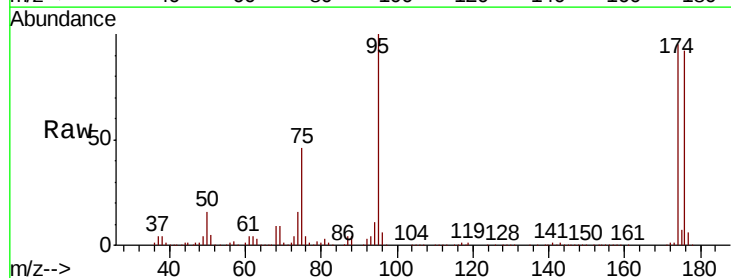
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-B

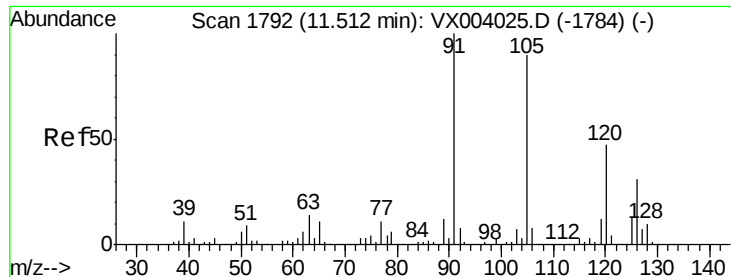
Tot Ion:105 Resp: 10992
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.43 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Tgt Ion: 75 Resp: 107801
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.3 120.5#
 89 0.0 37.8 56.8#





#82

4-Chlorotoluene

Concen: 0.20 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.09 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

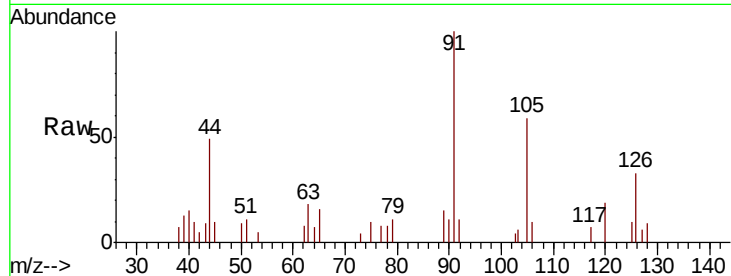
HR-06-082018-B

Tot Ion: 91 Resp: 2651

Ion Ratio Lower Upper

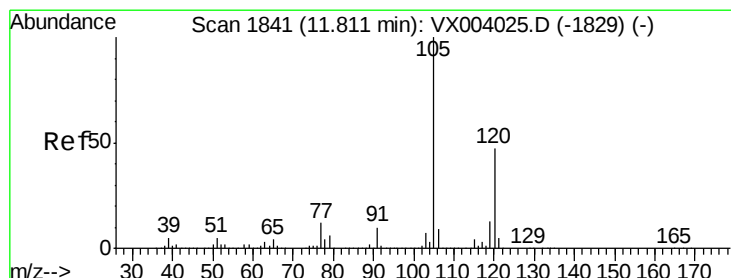
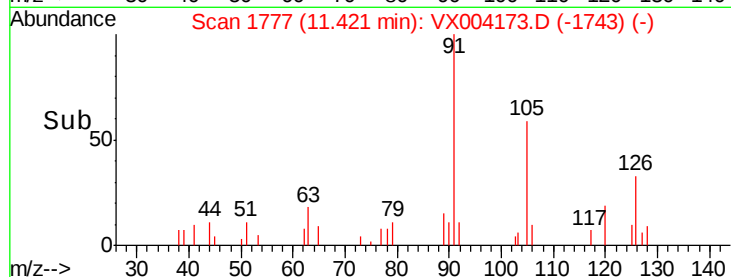
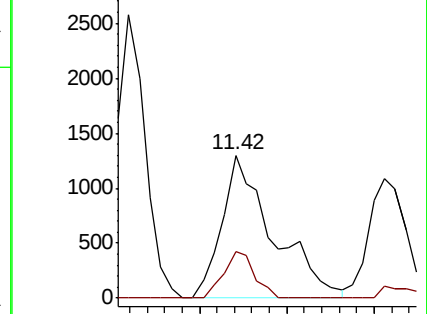
91 100

126 19.7 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 0.70 ug/l

RT: 11.80 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VX004173.D

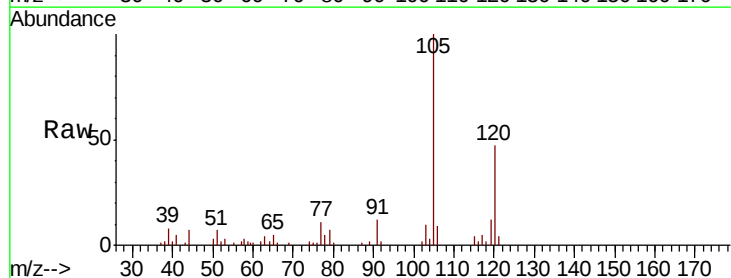
Acq: 21 Aug 2018 14:05

Tgt Ion:105 Resp: 9655

Ion Ratio Lower Upper

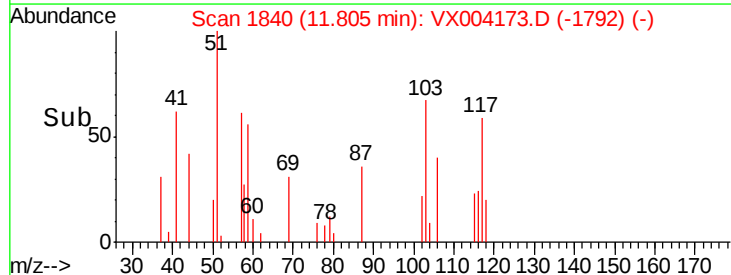
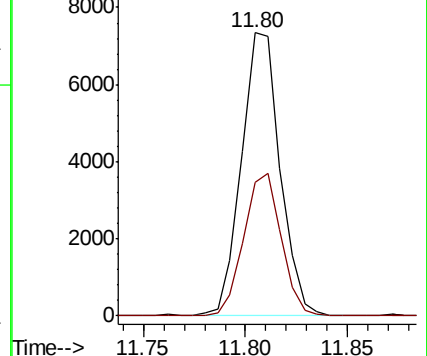
105 100

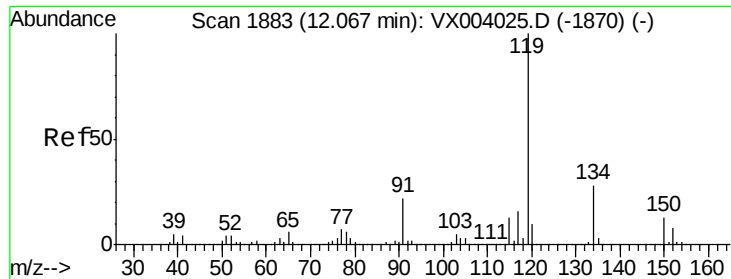
120 48.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

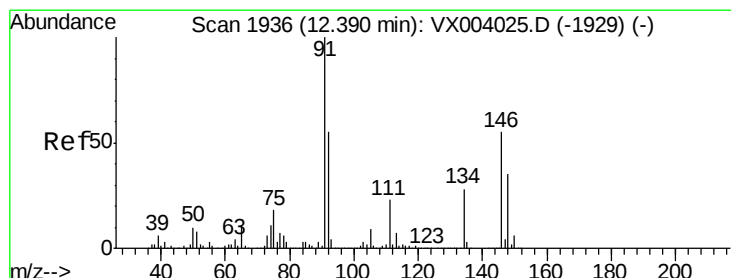
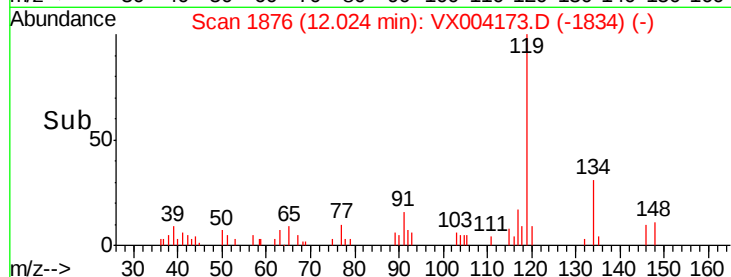
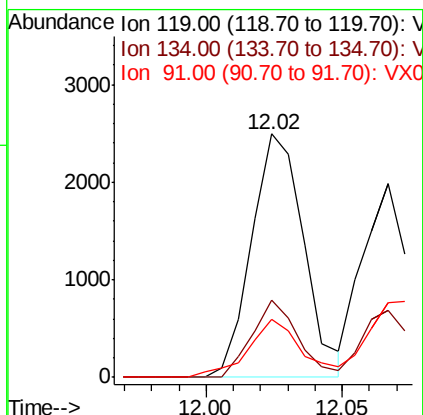
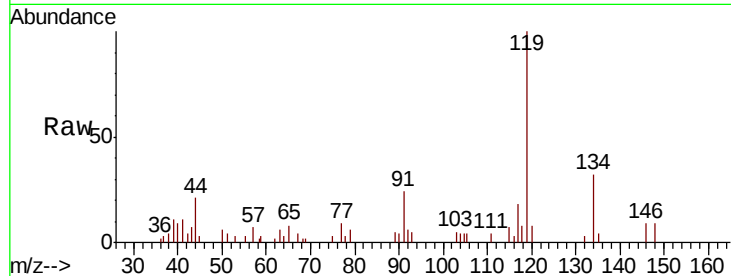




#86
p-Isopropyltoluene
Concen: 0.23 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. -0.04 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

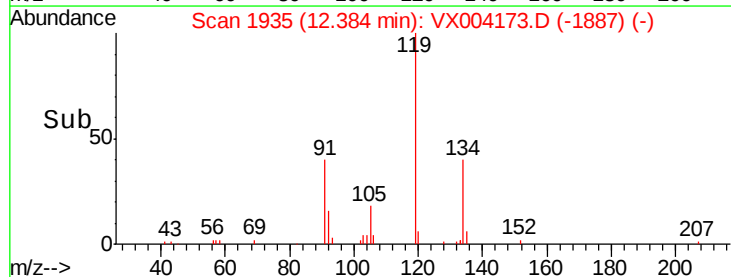
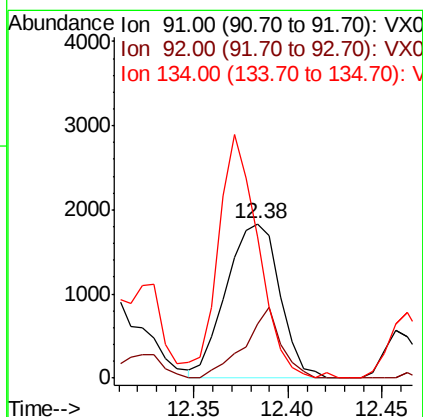
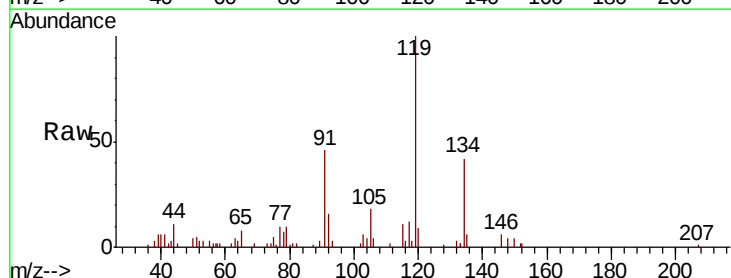
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-B

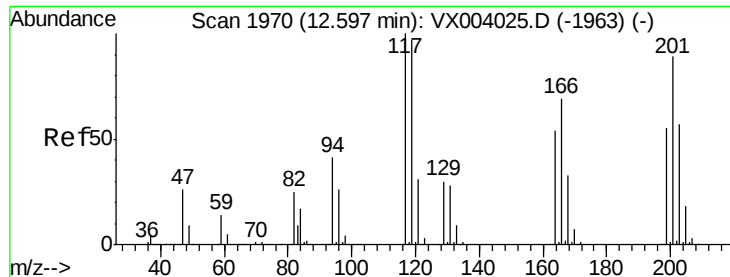
Tot Ion: 119 Resp: 3319
Ion Ratio Lower Upper
119 100
134 28.1 13.3 39.8
91 24.5 10.9 32.7



#89
n-Butylbenzene
Concen: 0.32 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion: 91 Resp: 3622
Ion Ratio Lower Upper
91 100
92 31.1 27.1 81.3
134 118.7 13.6 40.7#





#90

Hexachloroethane

Concen: 0.53 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

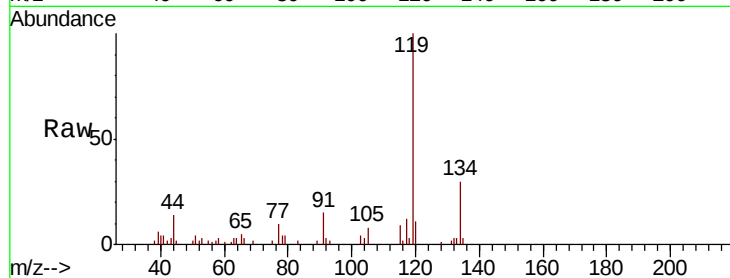
HR-06-082018-B

Tot Ion:117 Resp: 1134

Ion Ratio Lower Upper

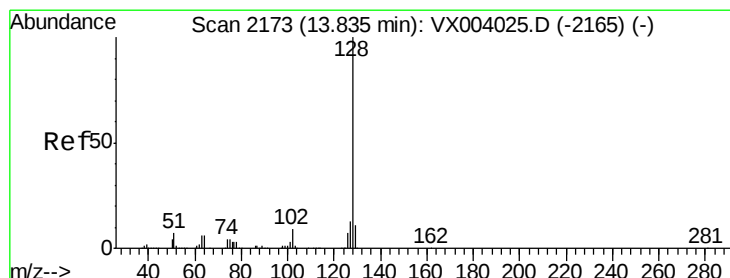
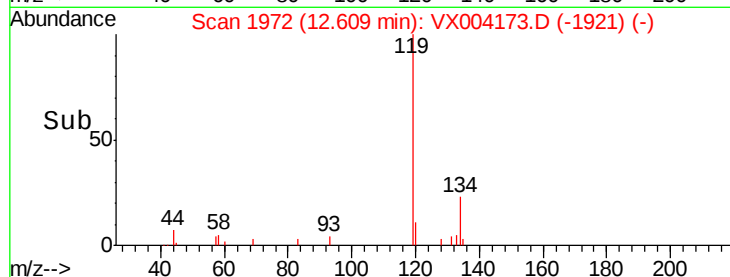
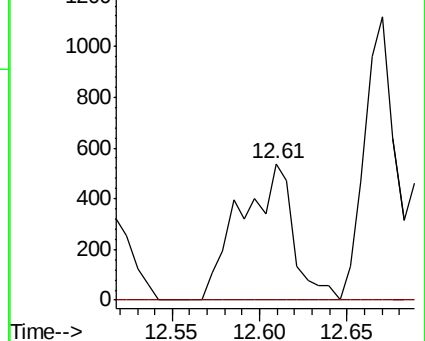
117 100

201 0.0 46.1 138.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 14.07 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

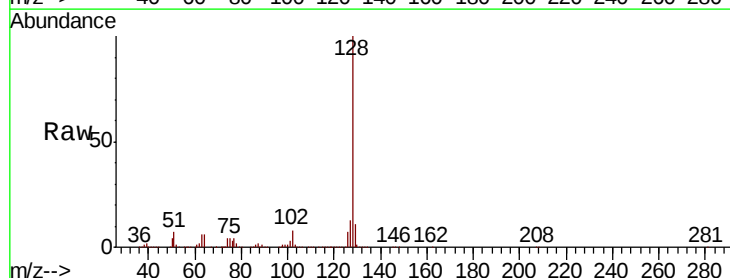
Tgt Ion:128 Resp: 221730

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.4 8.8 13.2



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

