

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000741.D
 Acq On : 08 Apr 2018 19:28
 Operator : JC/MD
 Sample : J2216-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GWDL

Quant Time: Apr 09 06:44:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	454463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252705	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163902	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
35) Dibromofluoromethane	5.51	113	141731	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.73	98	525266	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.15	95	211949	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	10614	3.20	ug/l	# 49
5) Bromomethane	1.64	94	125	Below	Cal	# 72
8) Diethyl Ether	2.20	74	56	Below	Cal	# 86
10) Methyl Iodide	2.52	142	249	5.44	ug/l	# 52
11) Tert butyl alcohol	3.07	59	308	0.48	ug/l	# 1
13) Acrolein	2.32	56	91	0.33	ug/l	# 14
16) Acetone	2.45	43	1612	1.37	ug/l	# 74
17) Carbon Disulfide	2.57	76	5100	Below	Cal	100
19) Methyl tert-butyl Ether	3.21	73	8026	0.94	ug/l	# 97
20) Methylene Chloride	2.86	84	933	Below	Cal	# 81
31) Cyclohexane	5.59	56	850	Below	Cal	# 55
36) 1,1-Dichloropropene	5.67	75	19667	5.05	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	27423	6.01	ug/l	# 16
39) Methylcyclohexane	7.46	83	913	Below	Cal	# 81
40) Benzene	6.15	78	1721098	157.21	ug/l	100
42) 1,2-Dichloroethane	6.16	62	15502	3.59	ug/l	# 76
49) 1,4-Dioxane	7.77	88	310	4.24	ug/l	# 52
52) Toluene	8.79	92	11553	1.58	ug/l	# 99
67) Ethyl Benzene	10.26	91	325506	22.09	ug/l	# 99
68) m/p-Xylenes	10.37	106	16545	2.87	ug/l	100
69) o-Xylene	10.71	106	18924	3.35	ug/l	# 93
73) Isopropylbenzene	11.02	105	61918	4.10	ug/l	100
76) 1,2,3-Trichloropropane	11.15	75	102482	23.84	ug/l	# 35
78) n-propylbenzene	11.37	91	16713	0.96	ug/l	# 96
79) 2-Chlorotoluene	11.68	91	2957	0.29	ug/l	# 94
80) 1,3,5-Trimethylbenzene	11.51	105	2666	0.20	ug/l	# 95
81) trans-1,4-Dichloro-2-buten	11.15	75	102482	62.06	ug/l	# 10
82) 4-Chlorotoluene	11.68	91	3085	0.25	ug/l	# 85
84) 1,2,4-Trimethylbenzene	11.81	105	55581	4.10	ug/l	100
85) sec-Butylbenzene	11.81	105	55581	3.54	ug/l	# 55
86) p-Isopropyltoluene	12.07	119	3278	0.22	ug/l	# 72
89) n-Butylbenzene	12.30	91	88730	6.77	ug/l	# 42
90) Hexachloroethane	12.76	117	40592	15.23	ug/l	# 1
92) 1,2-Dibromo-3-Chloropropan	13.03	75	11153	9.45	ug/l	# 1

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Response via : Initial Calibration

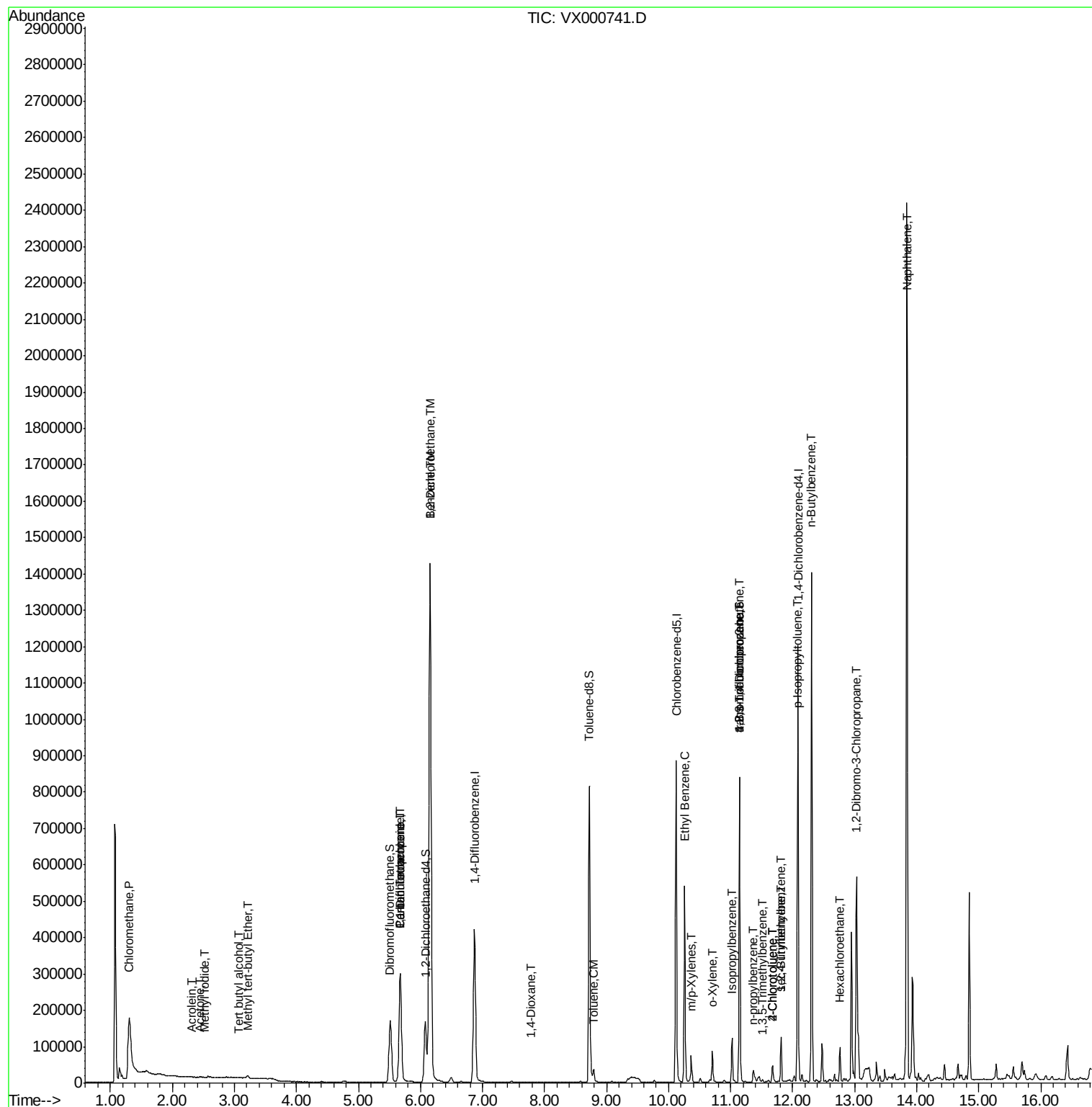
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	1446042	82.83	ug/l	100

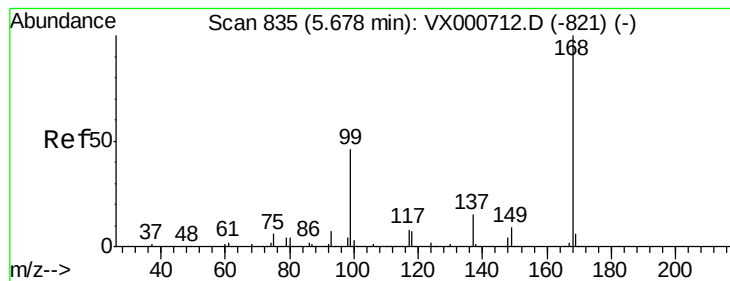
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

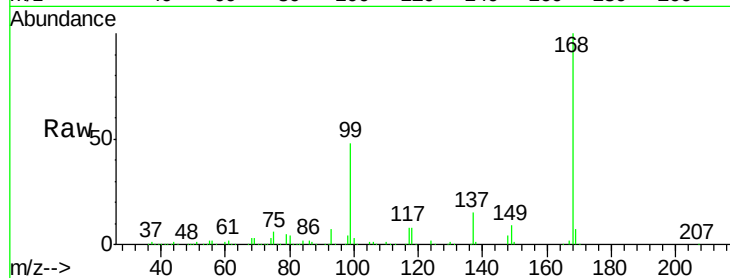
QNWP8-MW27S-GWDL

Tgt Ion:168 Resp: 327896

Ion Ratio Lower Upper

168 100

99 47.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

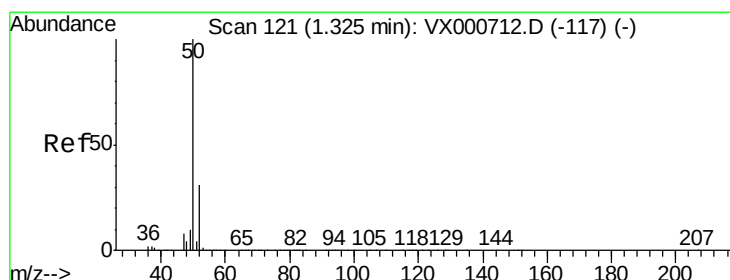
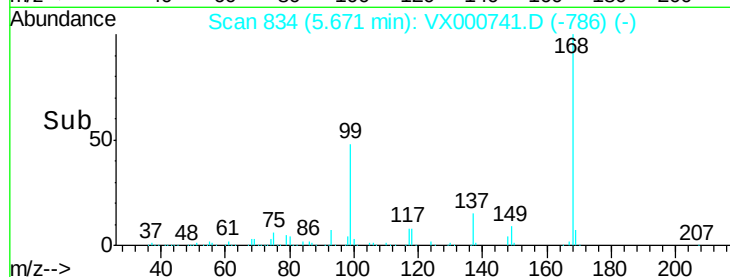
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 3.20 ug/l

RT: 1.31 min Scan# 118

Delta R.T. -0.02 min

Lab File: VX000741.D

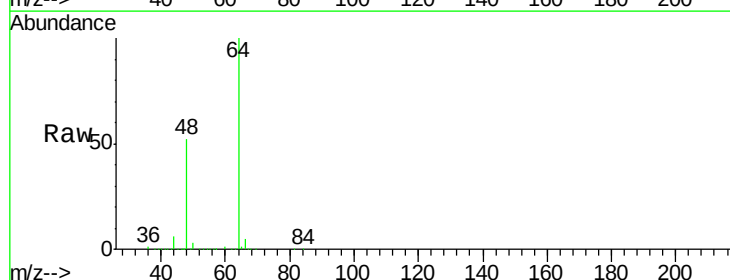
Acq: 08 Apr 2018 19:28

Tgt Ion: 50 Resp: 10614

Ion Ratio Lower Upper

50 100

52 2.9 24.9 37.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

3000

2500

2000

1500

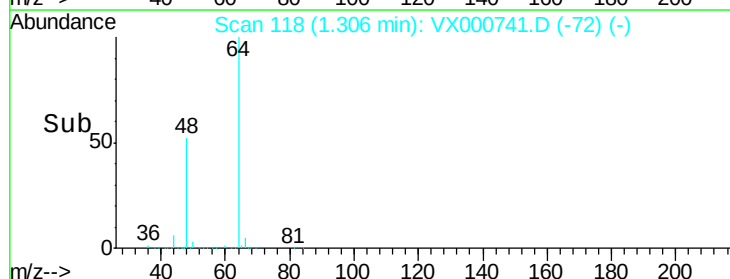
1000

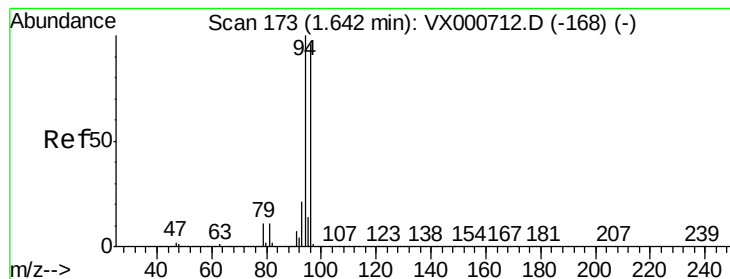
500

0

Time-->

1.20 1.30 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

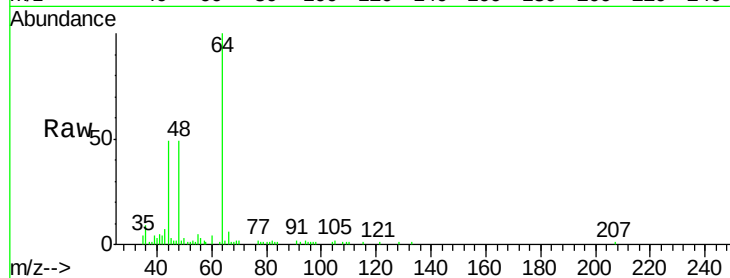
QNWP8-MW27S-GWDL

Tgt Ion: 94 Resp: 125

Ion Ratio Lower Upper

94 100

96 68.4 76.5 114.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

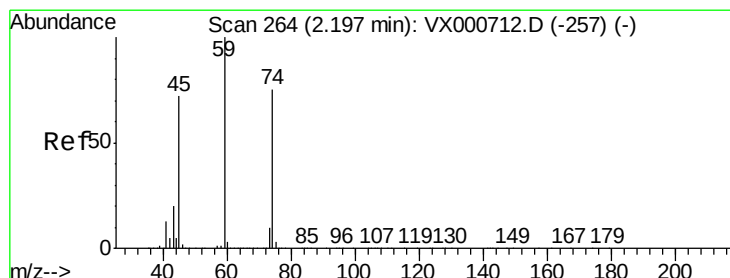
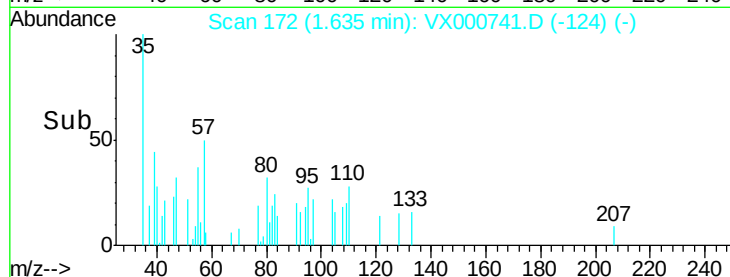
1.62

1.60

1.64

1.62

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX000741.D

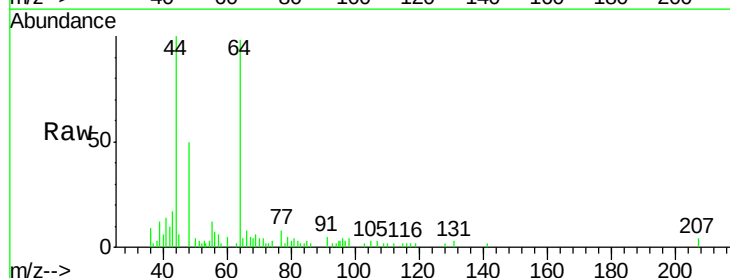
Acq: 08 Apr 2018 19:28

Tgt Ion: 74 Resp: 56

Ion Ratio Lower Upper

74 100

45 110.7 48.4 145.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

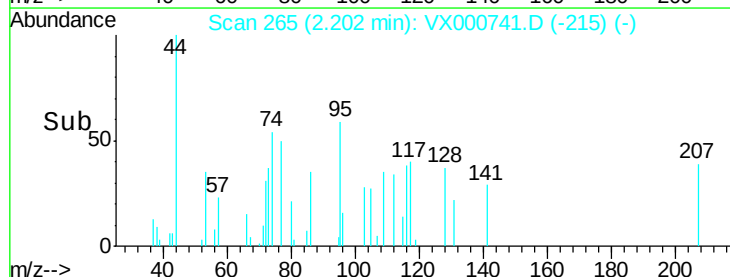
2.20

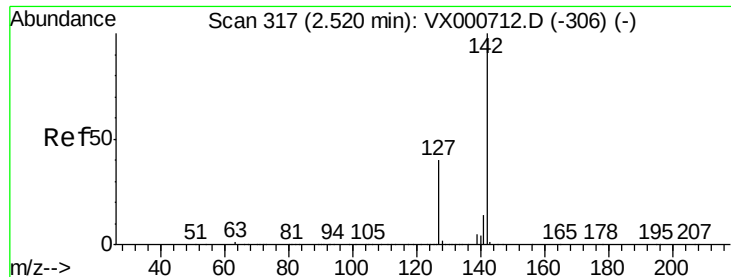
2.18

2.20

2.22

Time-->

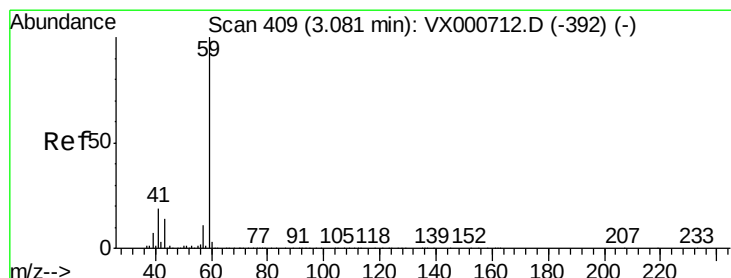
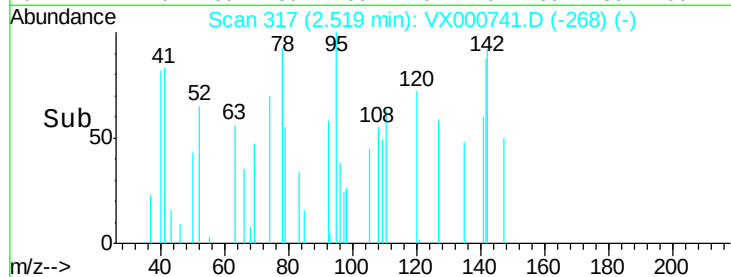
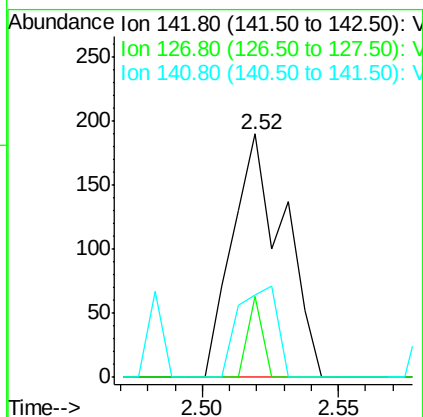
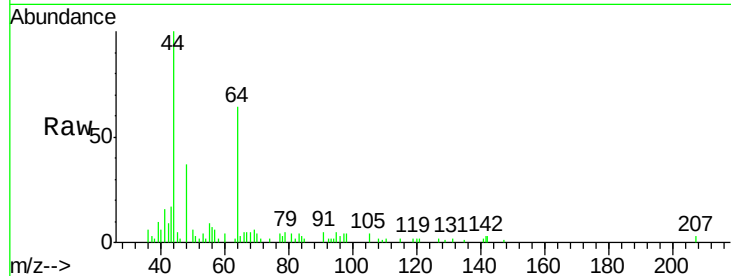




#10
Methyl Iodide
Concen: 5.44 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

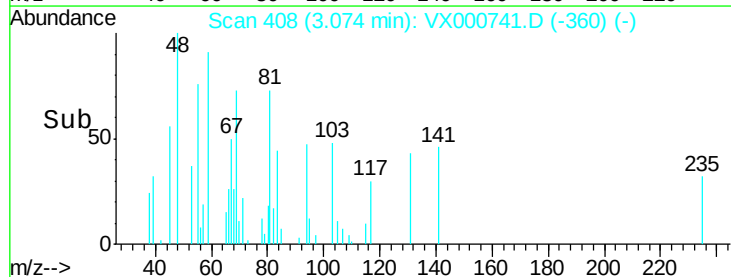
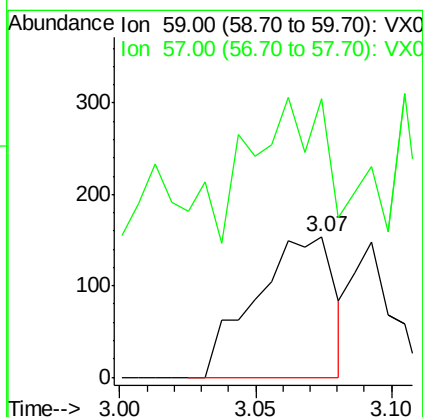
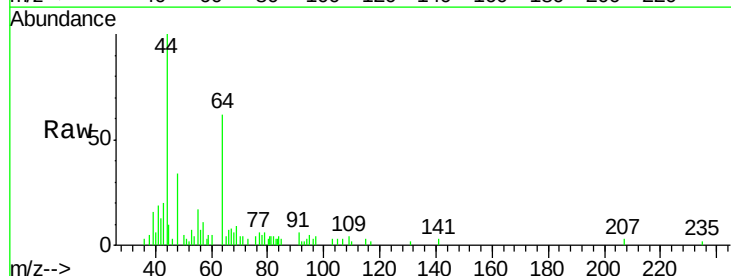
Instrument :
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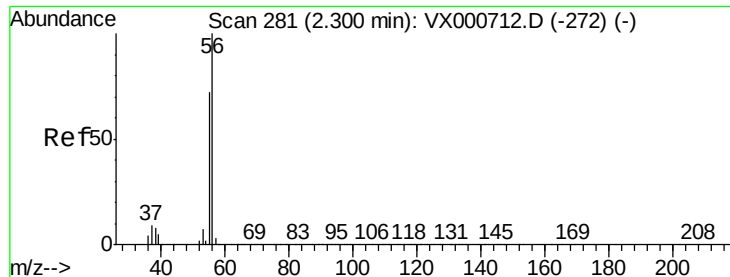
Tgt Ion: 142 Resp: 249
Ion Ratio Lower Upper
142 100
127 9.2 33.9 50.9#
141 28.1 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 105.2 8.4 12.6#





#13

Acrolein

Concen: 0.33 ug/l

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

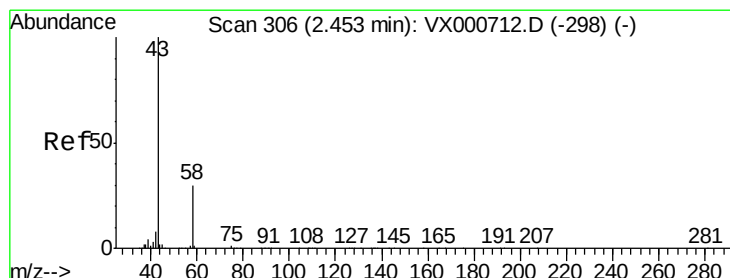
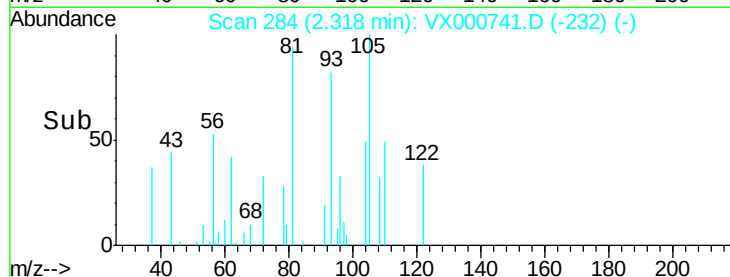
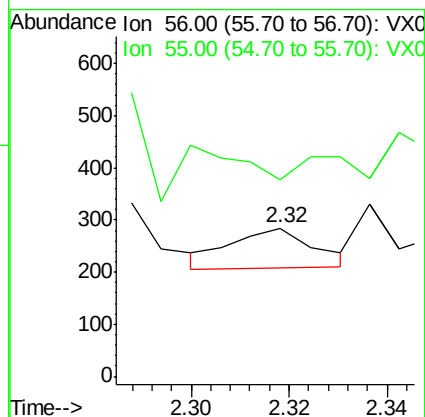
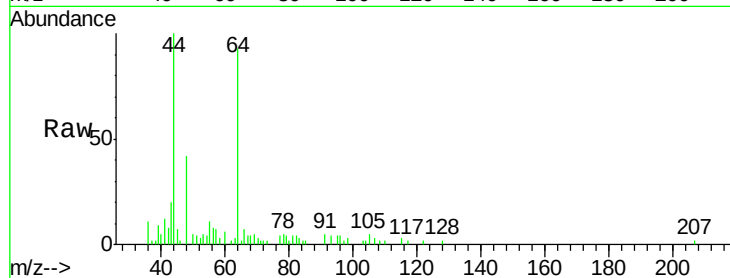
QNWP8-MW27S-GWDL

Tgt Ion: 56 Resp: 91

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



#16

Acetone

Concen: 1.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000741.D

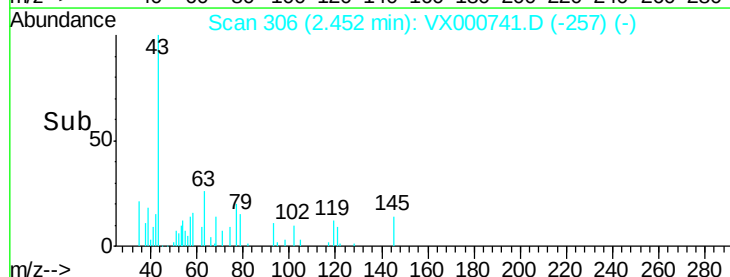
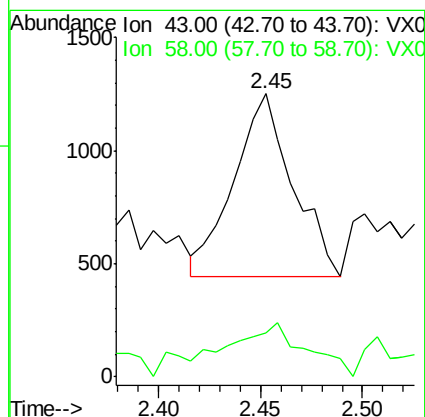
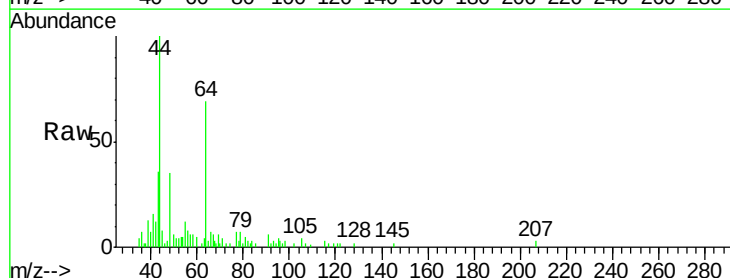
Acq: 08 Apr 2018 19:28

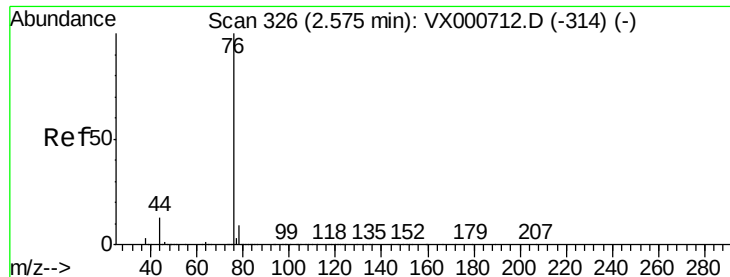
Tgt Ion: 43 Resp: 1612

Ion Ratio Lower Upper

43 100

58 16.0 24.0 36.0#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

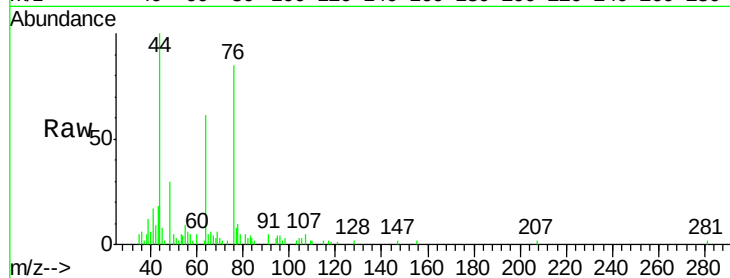
QNWP8-MW27S-GWDL

Tgt Ion: 76 Resp: 5100

Ion Ratio Lower Upper

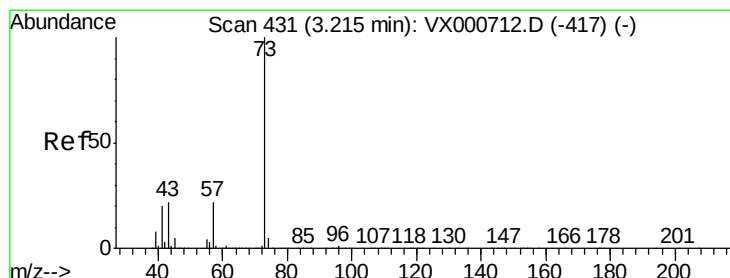
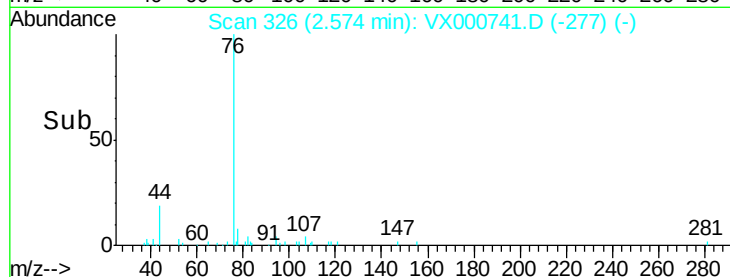
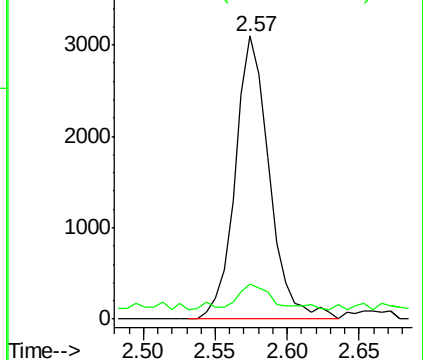
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.94 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000741.D

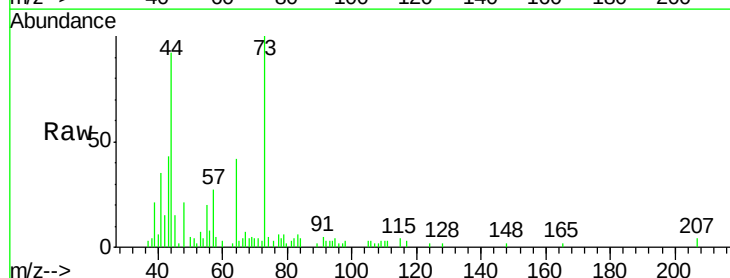
Acq: 08 Apr 2018 19:28

Tgt Ion: 73 Resp: 8026

Ion Ratio Lower Upper

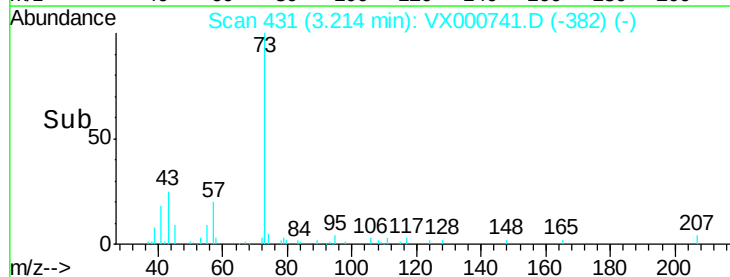
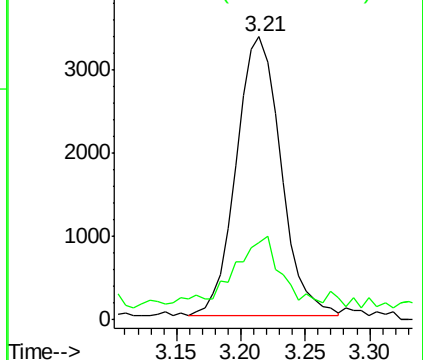
73 100

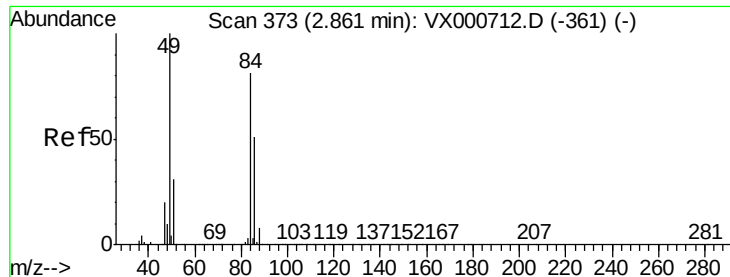
57 20.2 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

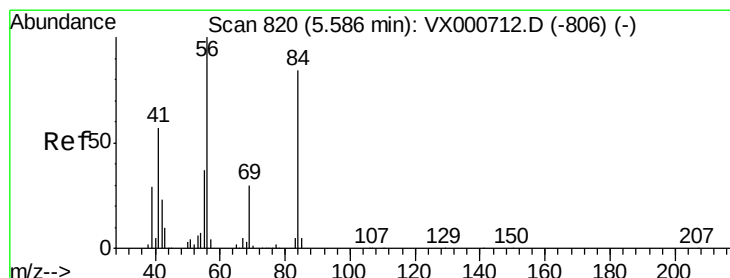
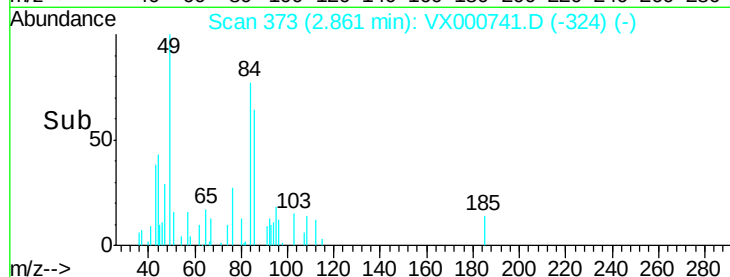
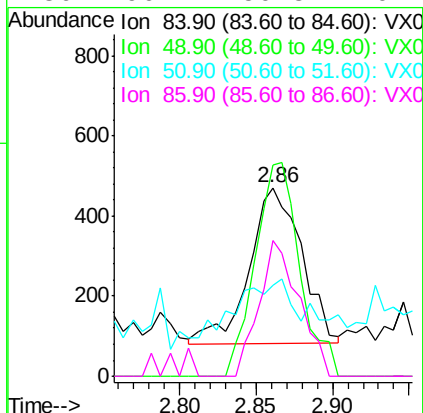
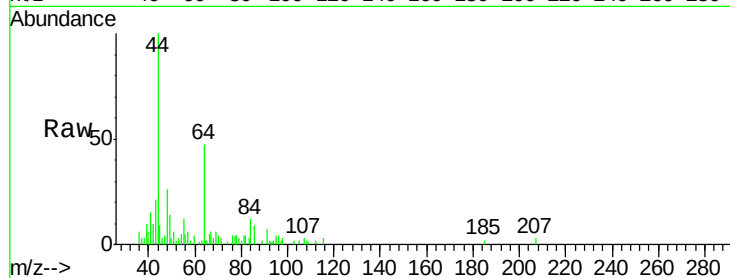




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

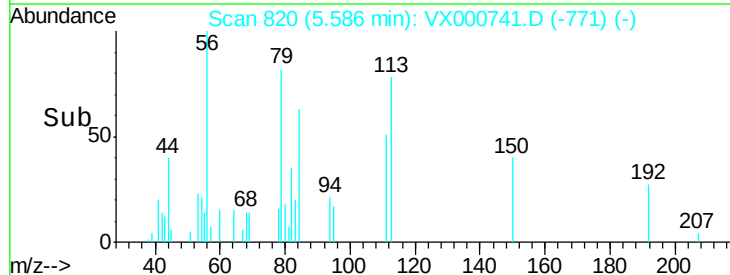
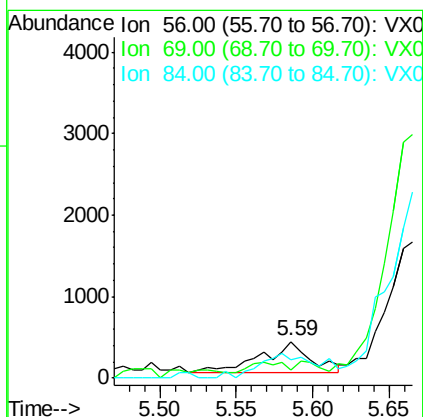
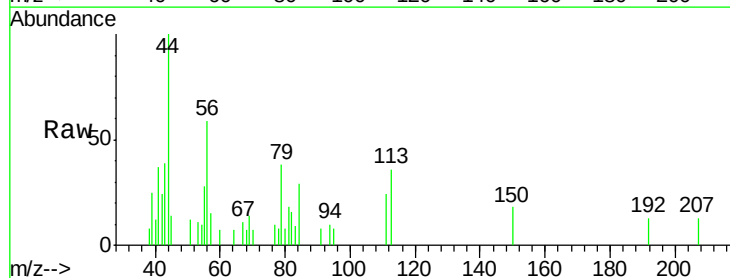
Instrument :
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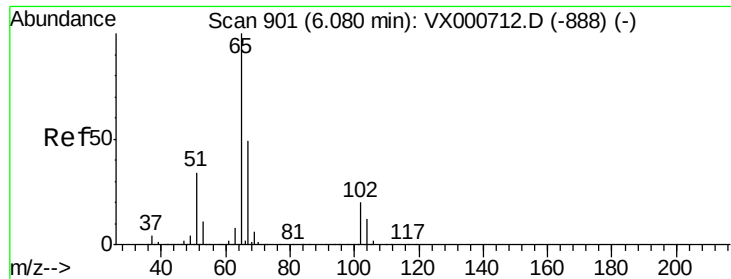
Tgt Ion:	84	Resp:	933
Ion	Ratio	Lower	Upper
84	100		
49	140.4	98.6	148.0
51	34.8	30.8	46.2
86	90.2	50.8	76.2#



#31
Cyclohexane
Concen: Below Cal
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion:	56	Resp:	850
Ion	Ratio	Lower	Upper
56	100		
69	7.7	23.8	35.6#
84	41.6	67.4	101.2#

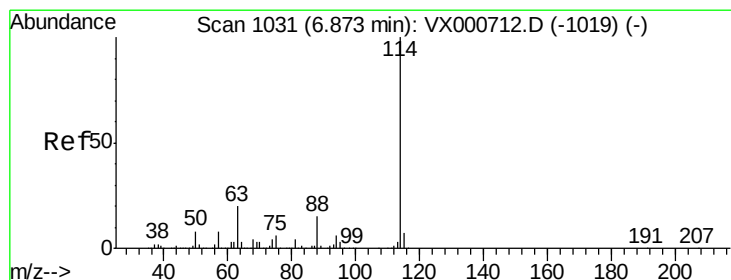
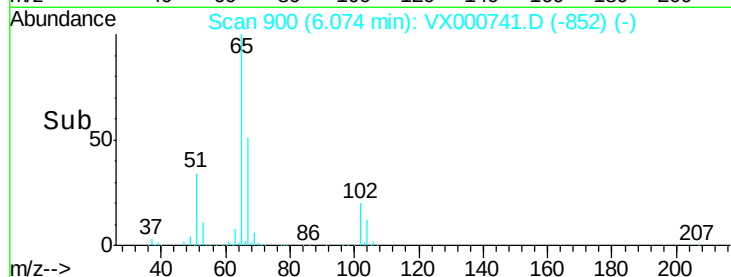
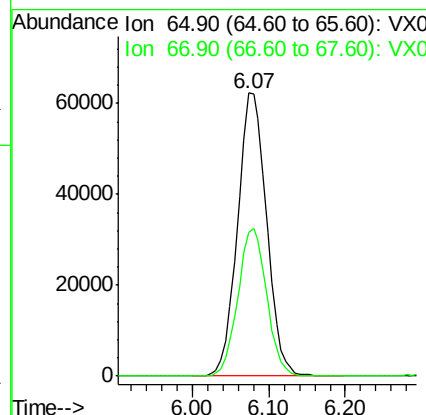
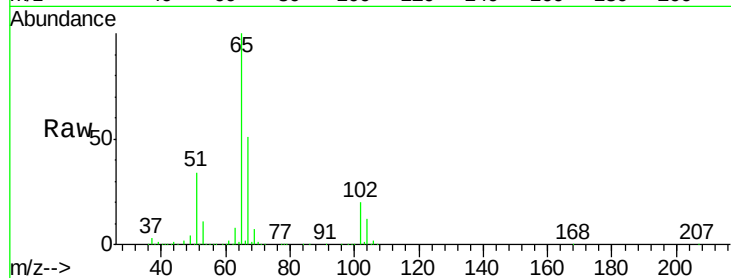




#33
 1,2-Dichloroethane-d4
 Concen: 43.71 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000741.D
 Acq: 08 Apr 2018 19:28

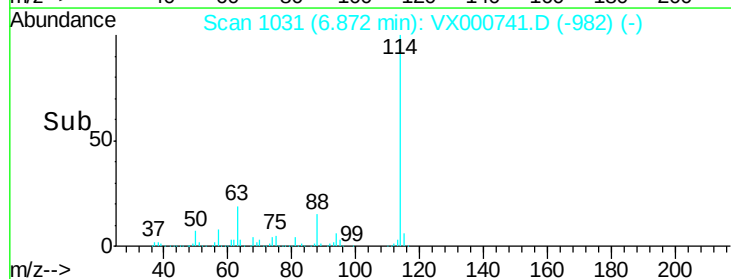
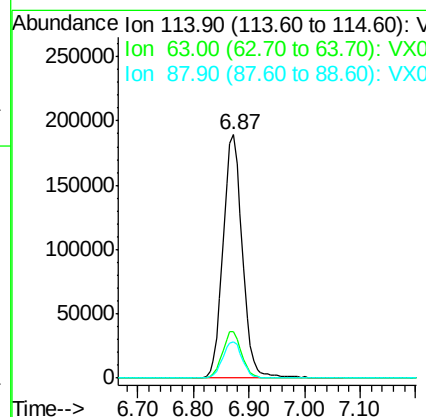
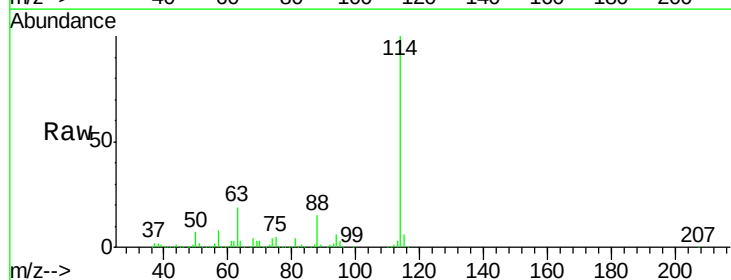
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GWDL

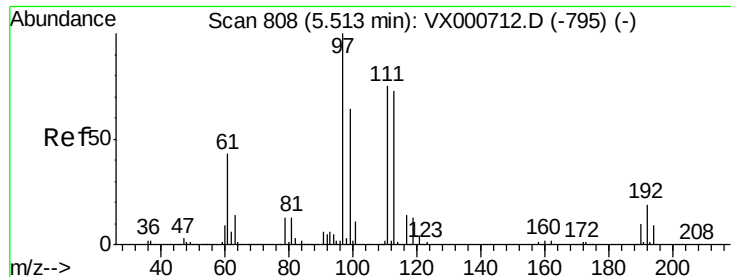
Tgt Ion: 65 Resp: 163902
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000741.D
 Acq: 08 Apr 2018 19:28

Tgt Ion: 114 Resp: 454463
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GWDL

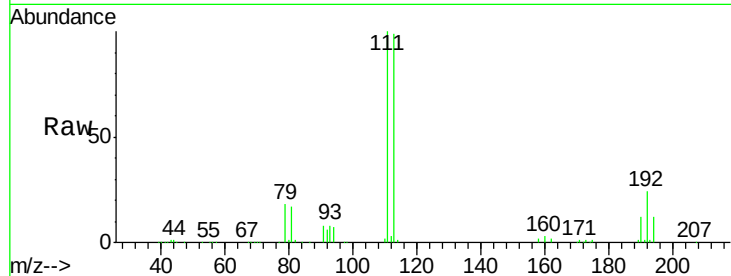
Tgt Ion:113 Resp: 141731

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

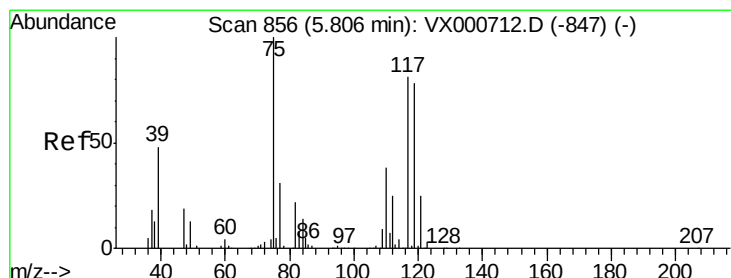
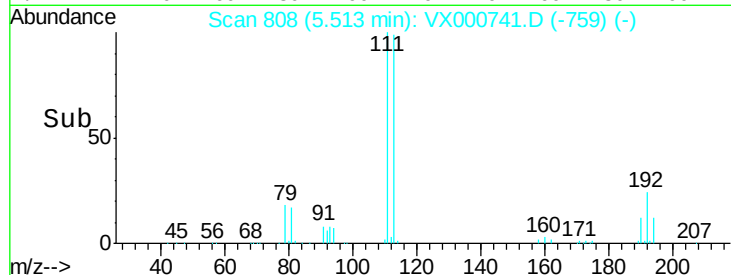
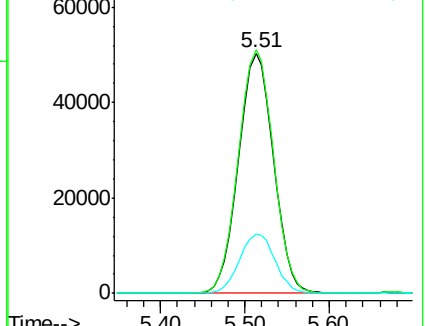
192 25.1 20.0 30.0



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: 5.05 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

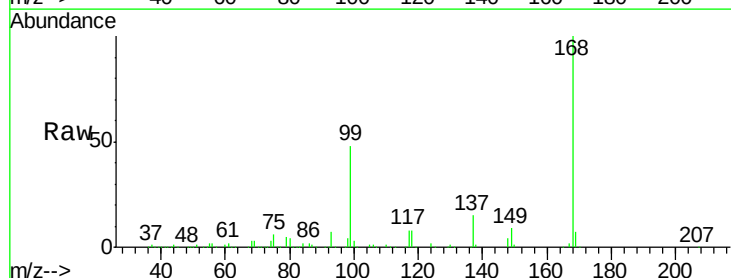
Tgt Ion: 75 Resp: 19667

Ion Ratio Lower Upper

75 100

110 10.4 18.6 56.0#

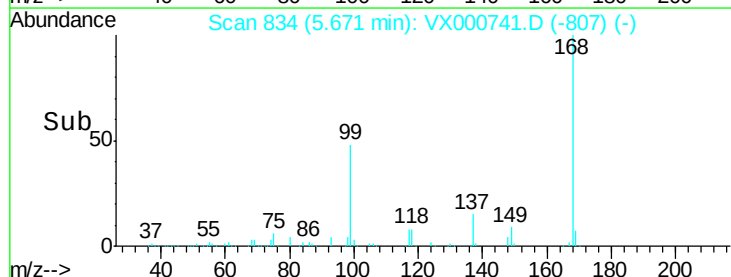
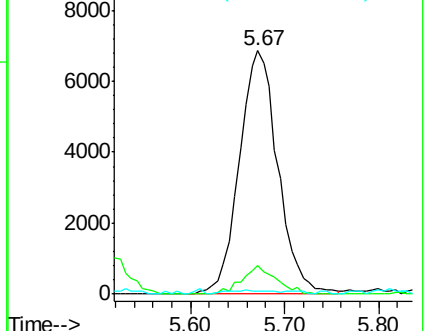
77 1.5 24.6 37.0#

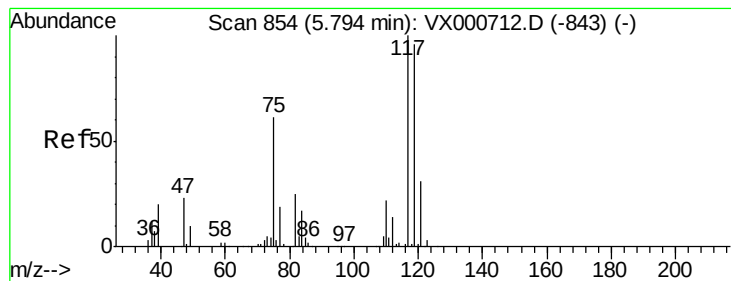


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.01 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GWDL

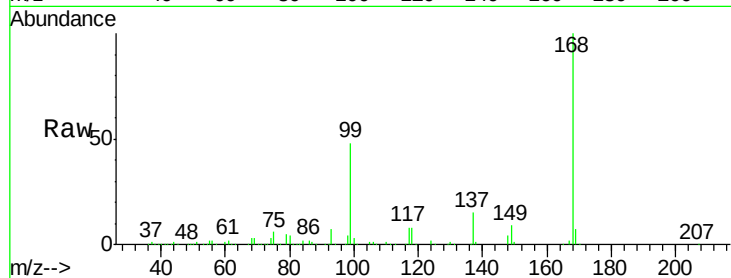
Tgt Ion:117 Resp: 27423

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

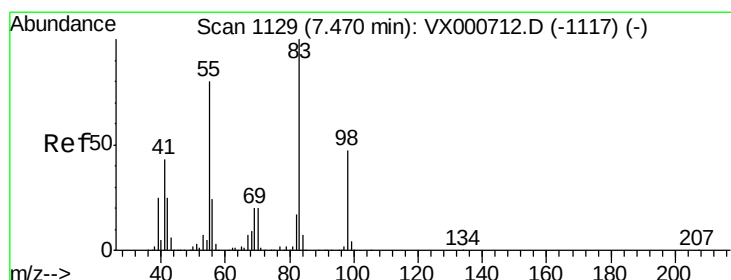
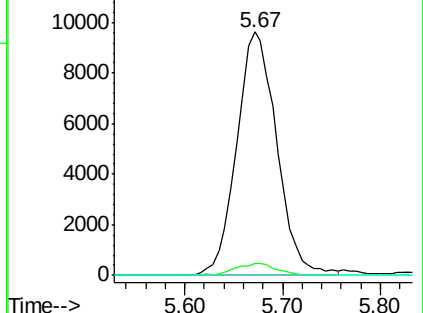
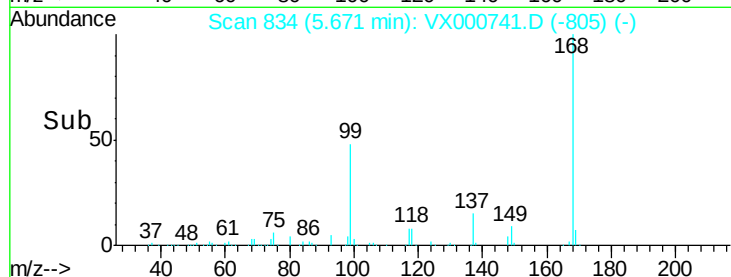
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: Below Cal

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

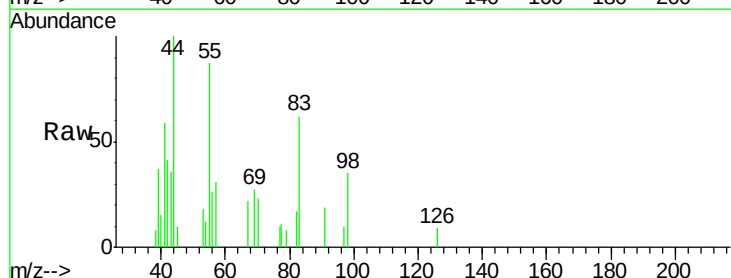
Tgt Ion: 83 Resp: 913

Ion Ratio Lower Upper

83 100

55 98.8 63.7 95.5#

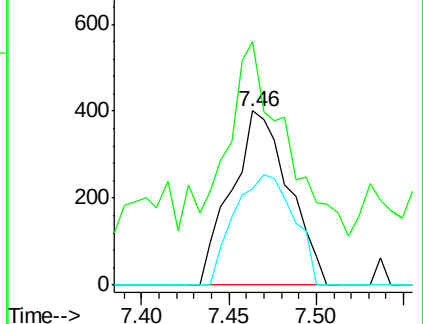
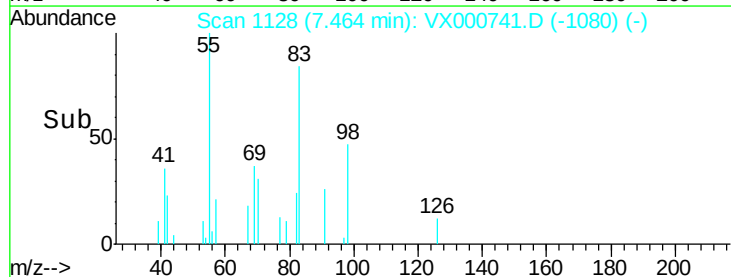
98 55.8 37.2 55.8

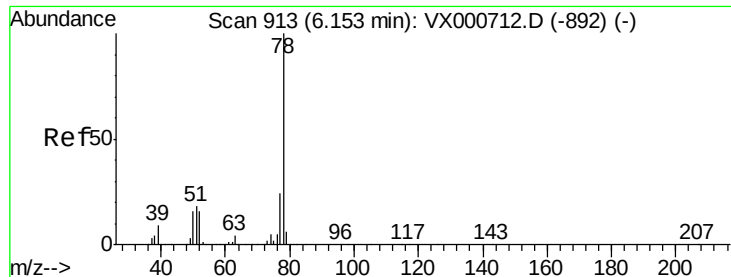


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 157.21 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

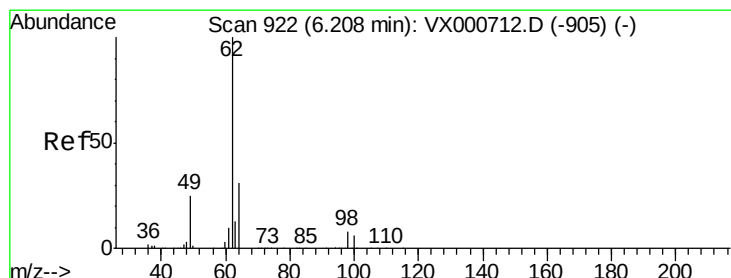
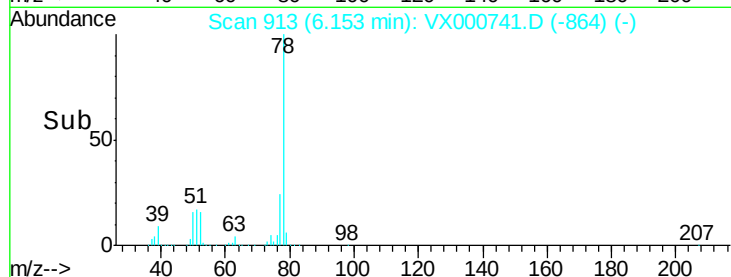
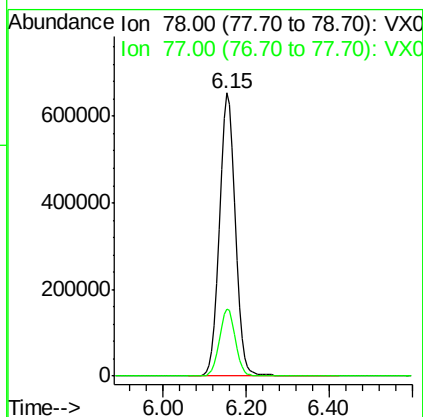
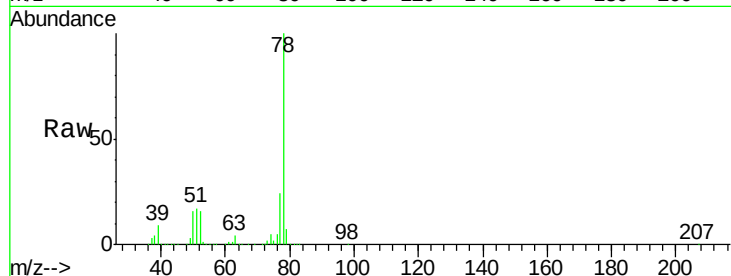
QNWP8-MW27S-GWDL

Tgt Ion: 78 Resp: 1721098

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#42

1,2-Dichloroethane

Concen: 3.59 ug/l

RT: 6.16 min Scan# 914

Delta R.T. -0.05 min

Lab File: VX000741.D

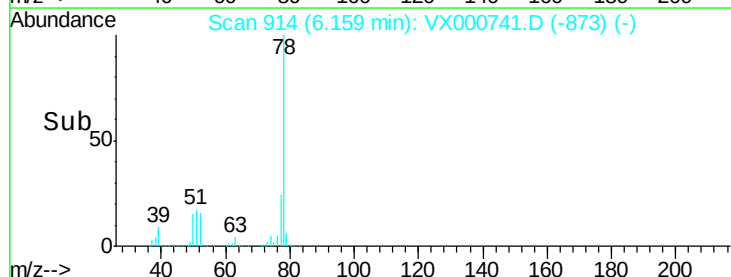
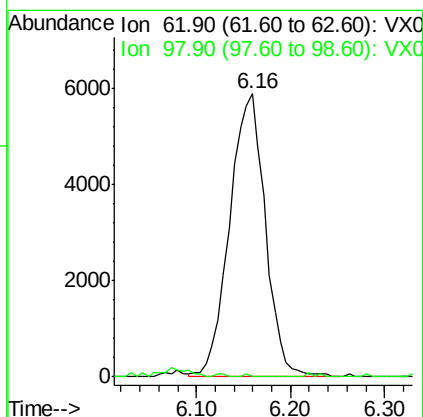
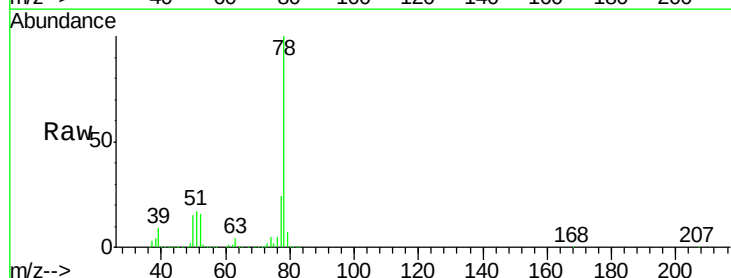
Acq: 08 Apr 2018 19:28

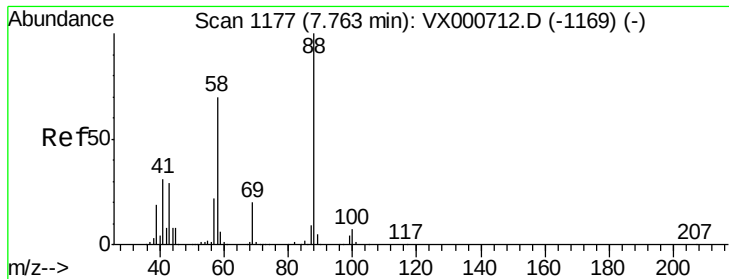
Tgt Ion: 62 Resp: 15502

Ion Ratio Lower Upper

62 100

98 0.2 0.0 17.2

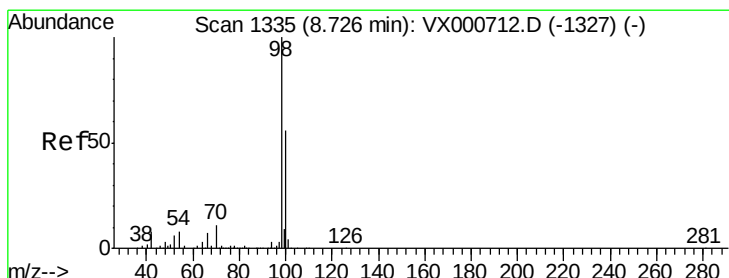
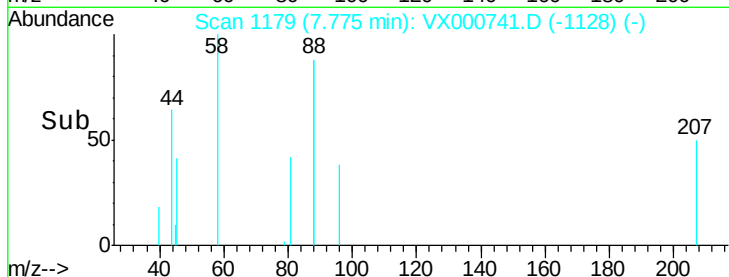
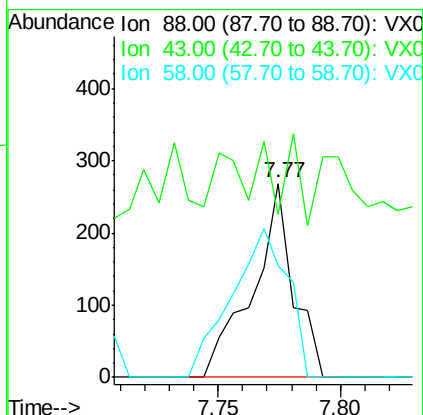
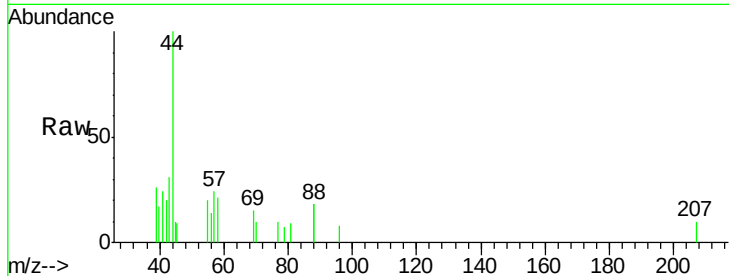




#49
1,4-Dioxane
Concen: 4.24 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

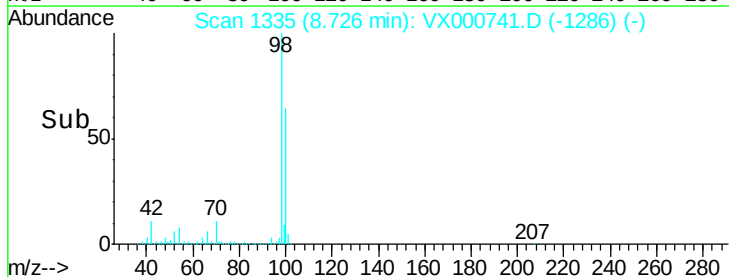
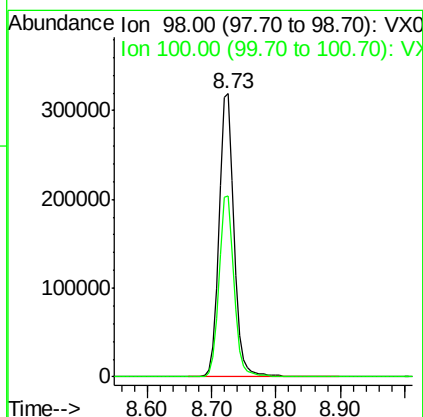
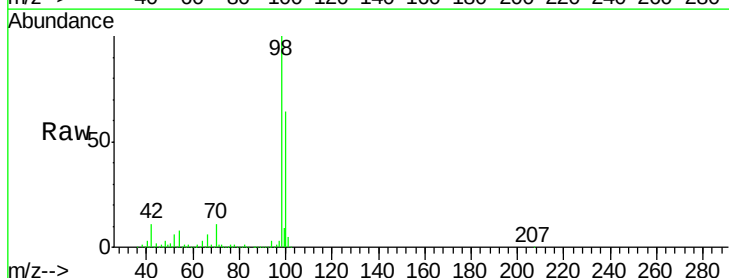
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

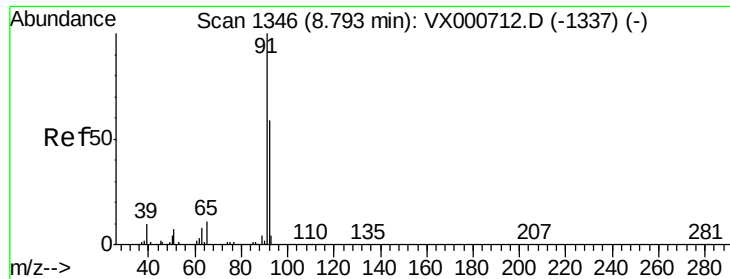
Tgt Ion: 88 Resp: 310
Ion Ratio Lower Upper
88 100
43 0.0 27.9 41.9#
58 106.1 57.0 85.4#



#50
Toluene-d8
Concen: 47.18 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion: 98 Resp: 525266
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#52

Toluene

Concen: 1.58 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

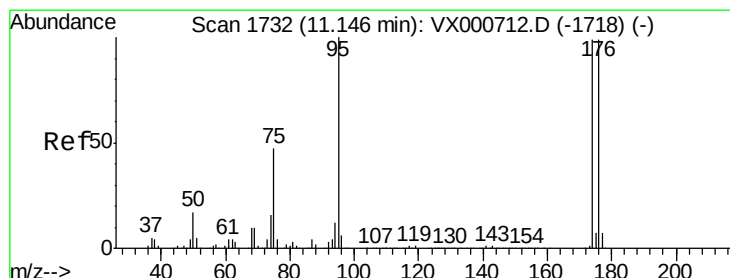
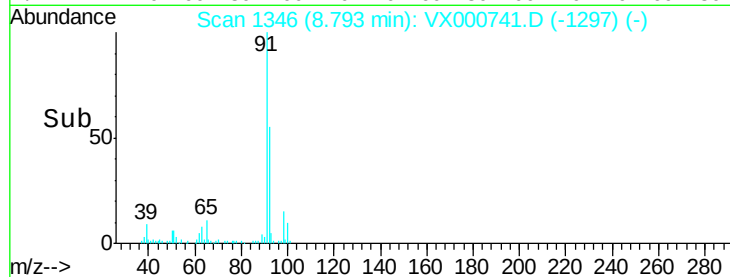
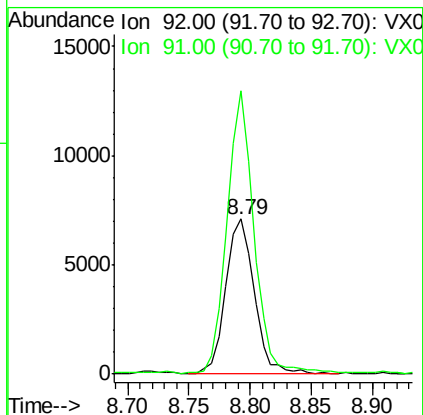
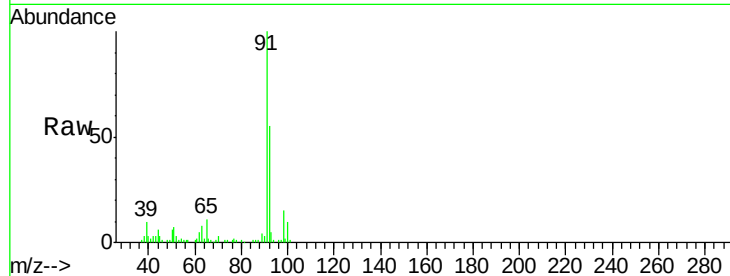
QNWP8-MW27S-GWDL

Tgt Ion: 92 Resp: 11553

Ion Ratio Lower Upper

92 100

91 172.4 136.4 204.6



#62

4-Bromofluorobenzene

Concen: 45.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

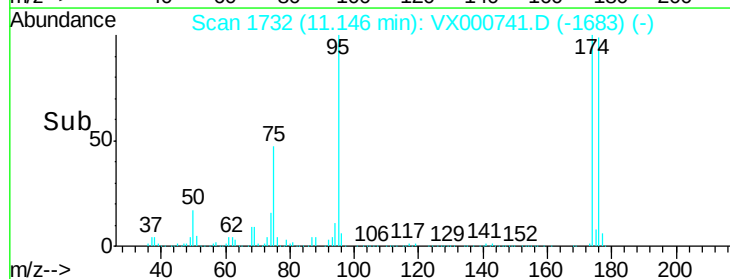
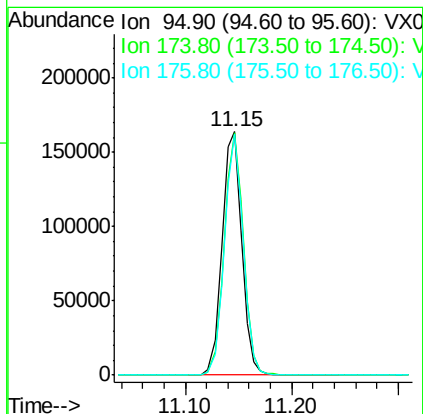
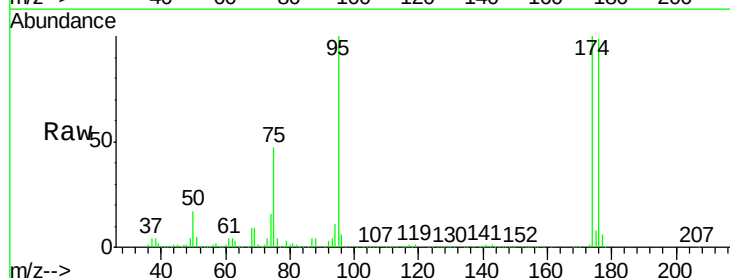
Tgt Ion: 95 Resp: 211949

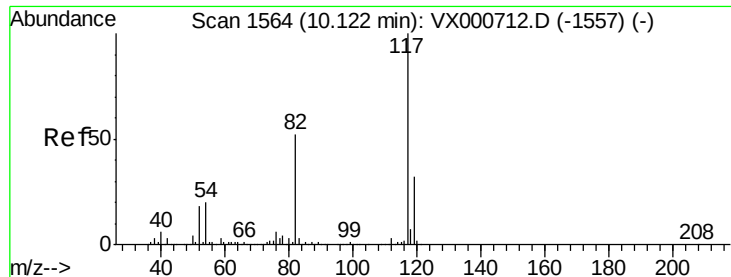
Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.6

176 94.8 0.0 187.0

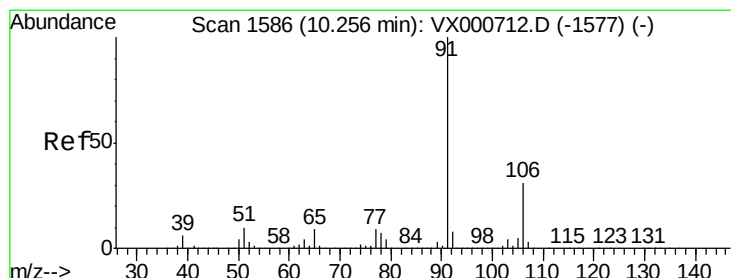
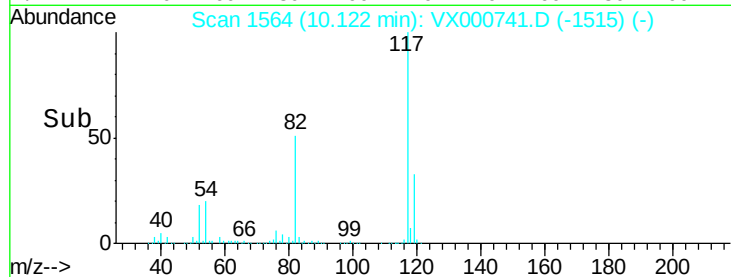
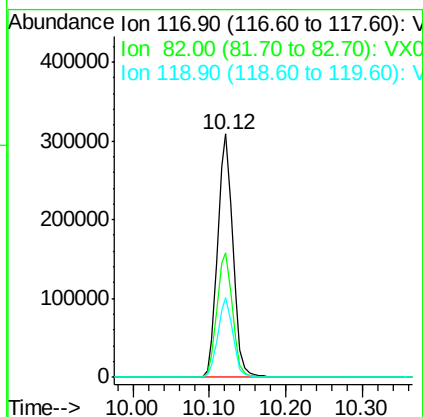
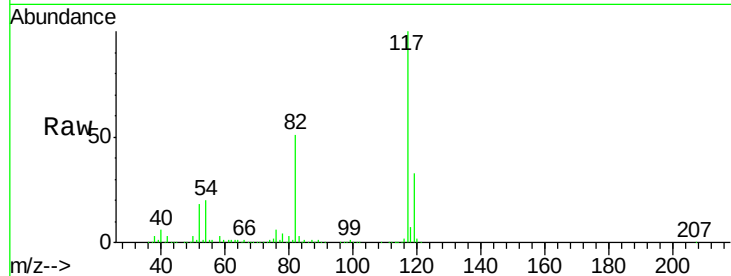




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

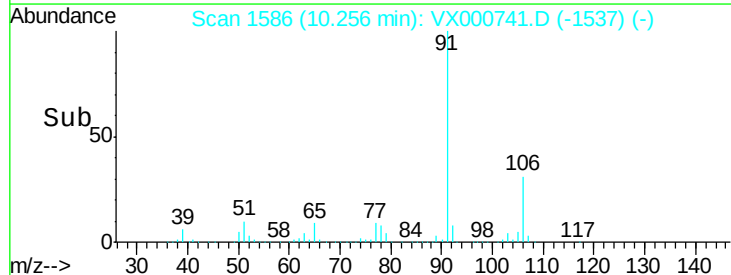
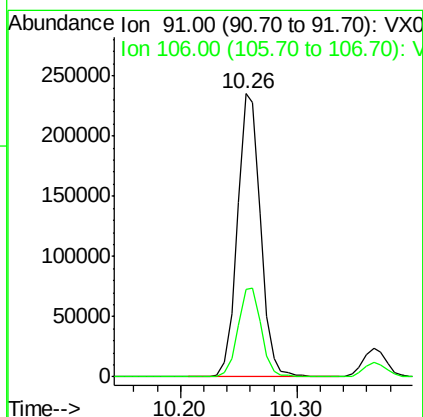
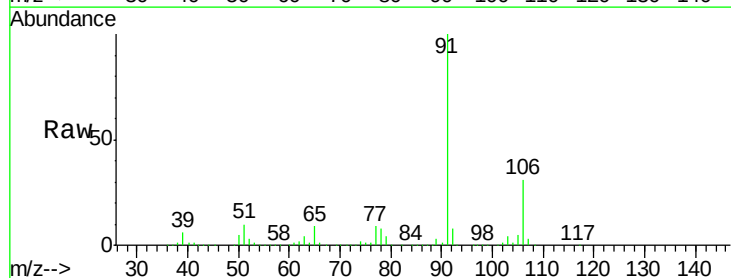
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

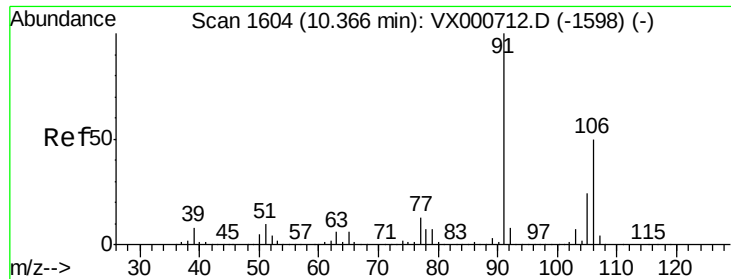
Tgt Ion: 117 Resp: 426760
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.6 25.8 38.8



#67
Ethyl Benzene
Concen: 22.09 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion: 91 Resp: 325506
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7

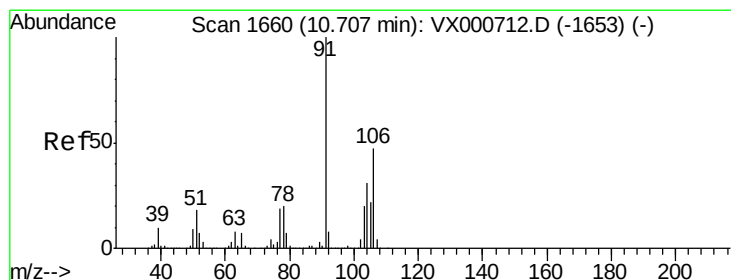
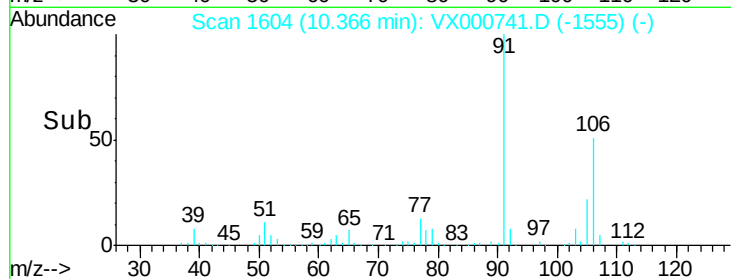
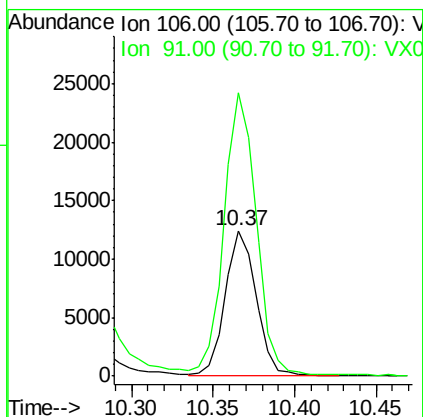
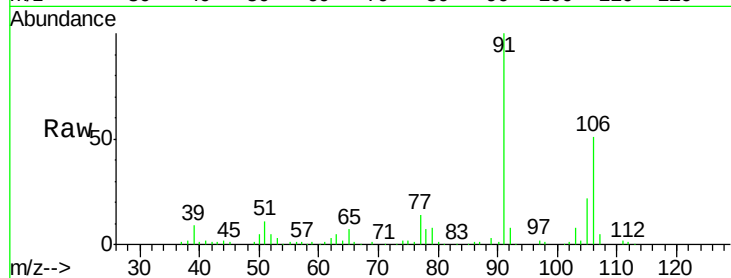




#68
m/p-Xylenes
Concen: 2.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

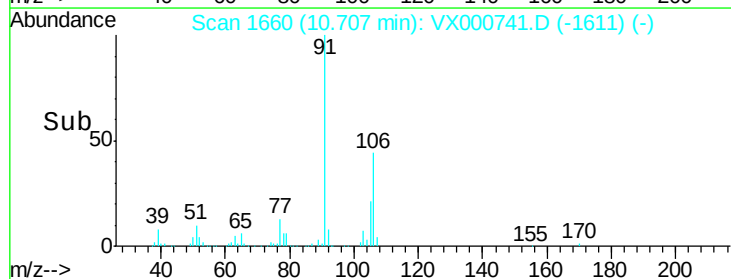
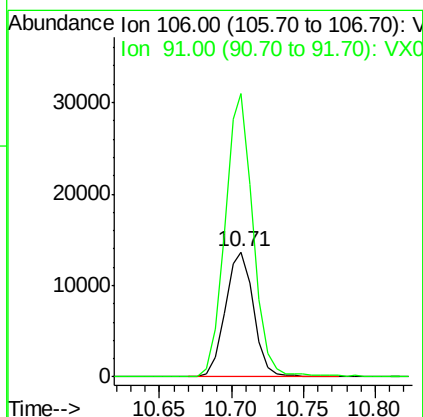
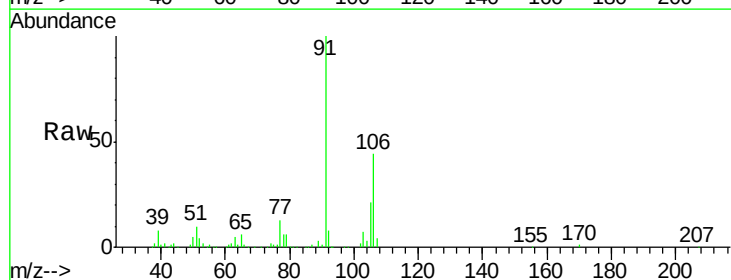
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

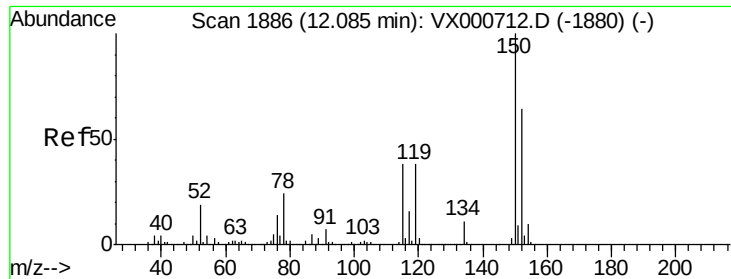
Tgt Ion:106 Resp: 16545
Ion Ratio Lower Upper
106 100
91 200.0 159.7 239.5



#69
o-Xylene
Concen: 3.35 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion:106 Resp: 18924
Ion Ratio Lower Upper
106 100
91 223.0 106.1 318.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GWDL

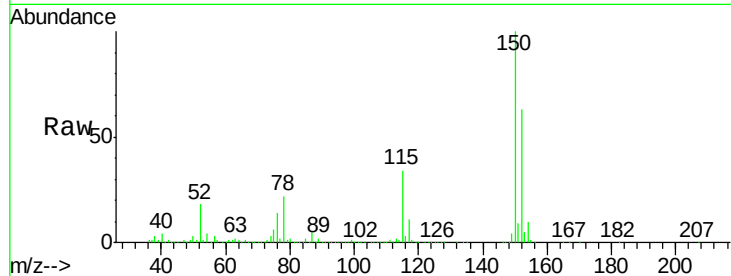
Tgt Ion:152 Resp: 252705

Ion Ratio Lower Upper

152 100

115 54.1 37.7 113.1

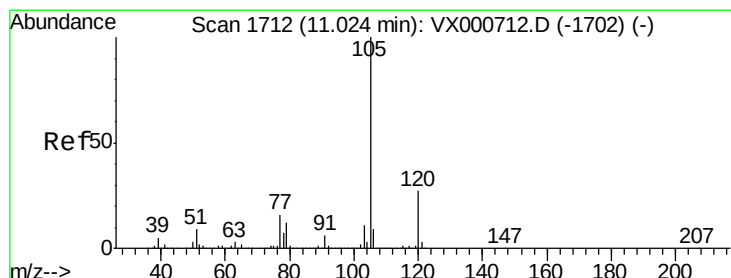
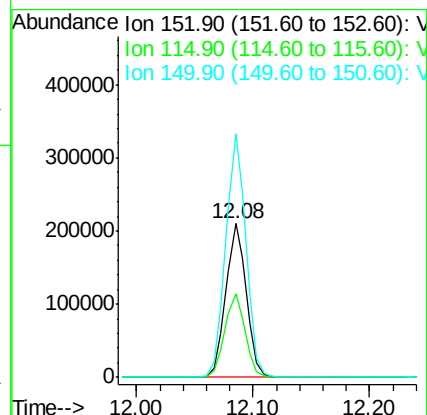
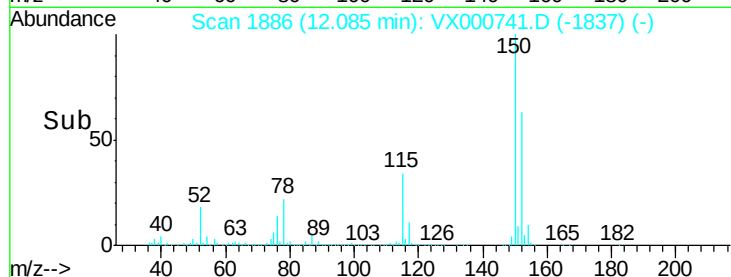
150 157.2 0.0 345.0



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



#73

Isopropylbenzene

Concen: 4.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000741.D

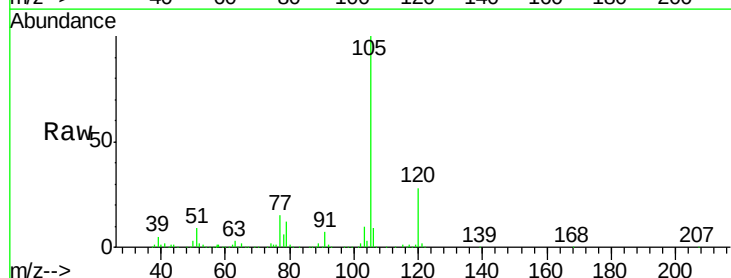
Acq: 08 Apr 2018 19:28

Tgt Ion:105 Resp: 61918

Ion Ratio Lower Upper

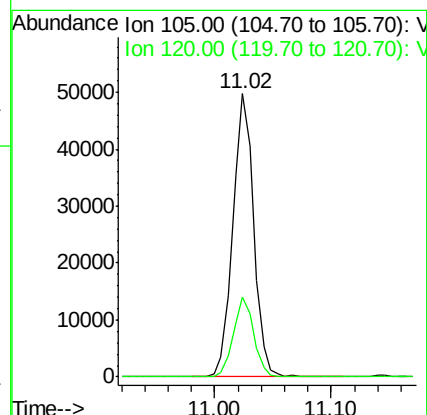
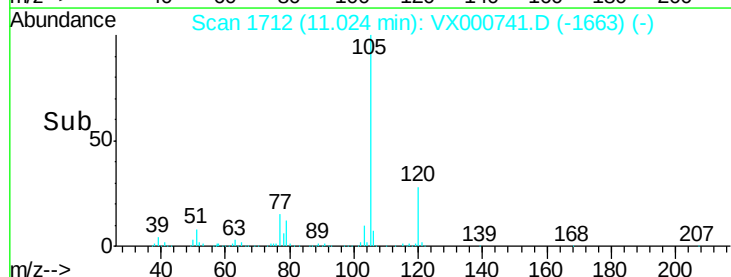
105 100

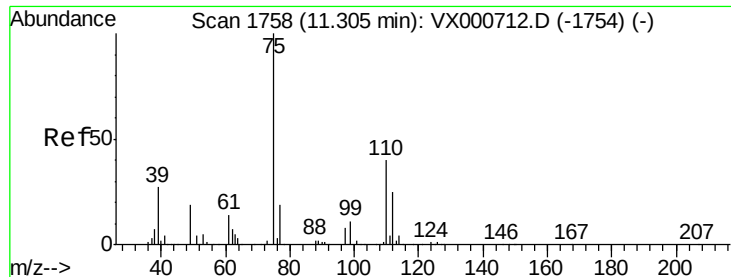
120 27.4 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 23.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

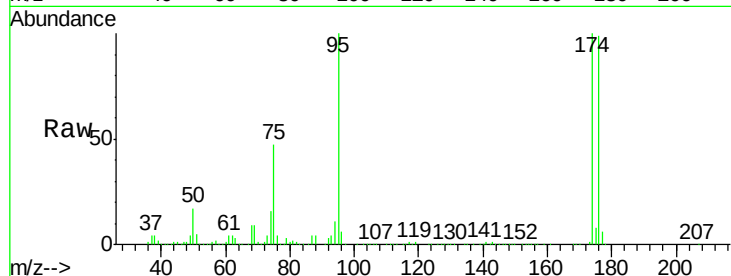
QNWP8-MW27S-GWDL

Tgt Ion: 75 Resp: 102482

Ion Ratio Lower Upper

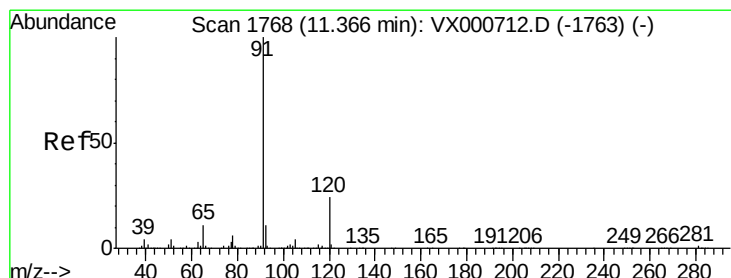
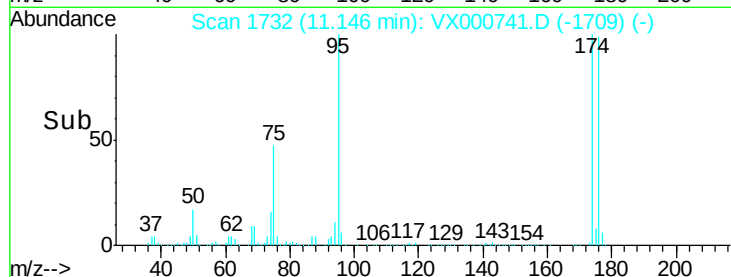
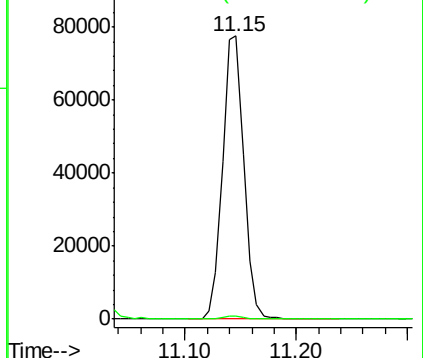
75 100

77 1.1 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000741.D

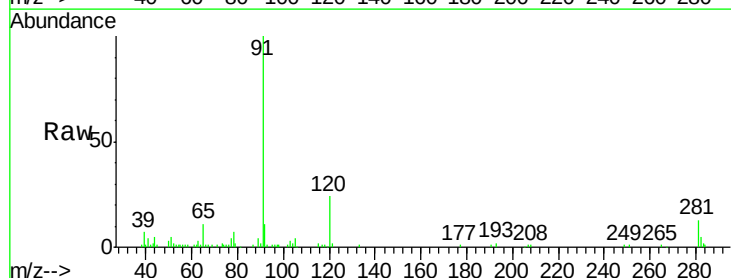
Acq: 08 Apr 2018 19:28

Tgt Ion: 91 Resp: 16713

Ion Ratio Lower Upper

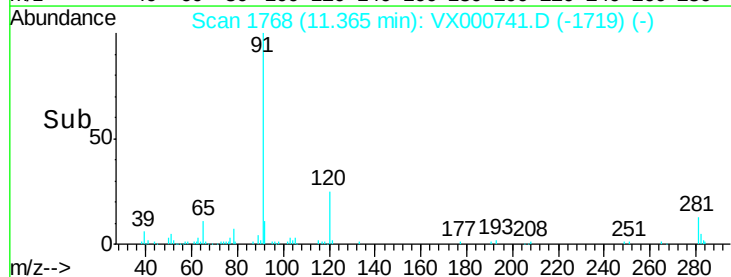
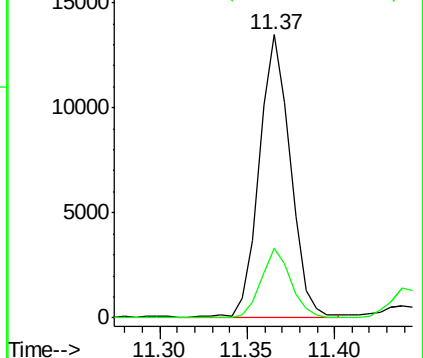
91 100

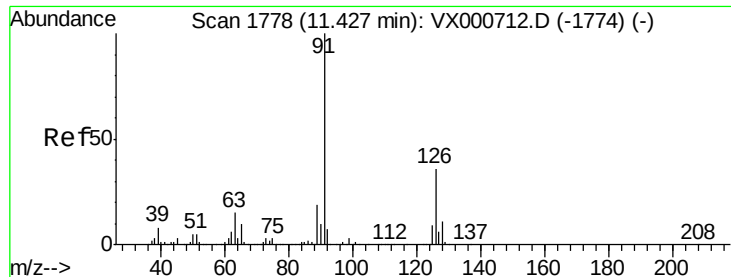
120 23.2 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.29 ug/l

RT: 11.68 min Scan# 1819

Delta R.T. 0.25 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

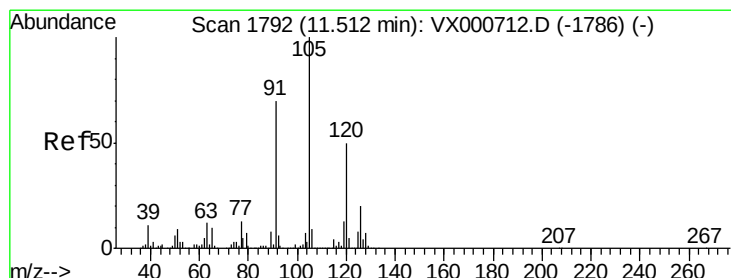
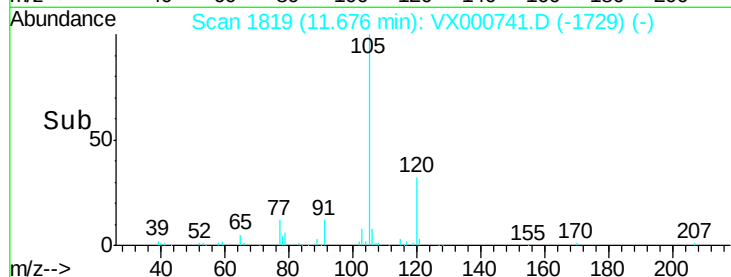
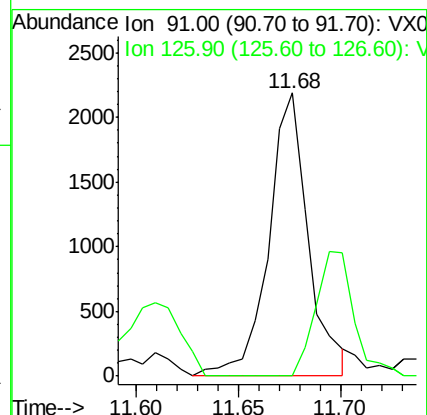
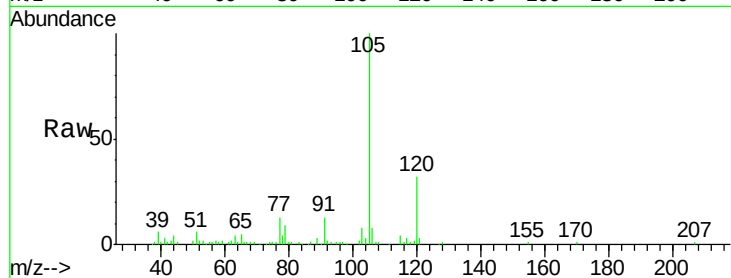
QNWP8-MW27S-GWDL

Tgt Ion: 91 Resp: 2957

Ion Ratio Lower Upper

91 100

126 33.2 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 0.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000741.D

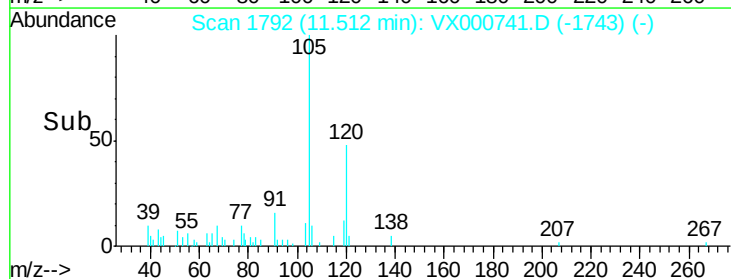
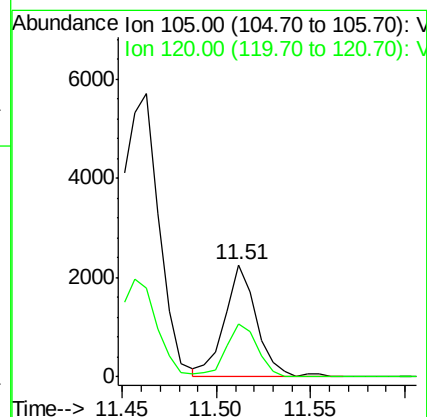
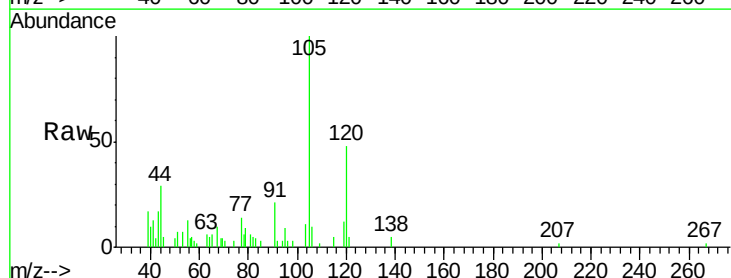
Acq: 08 Apr 2018 19:28

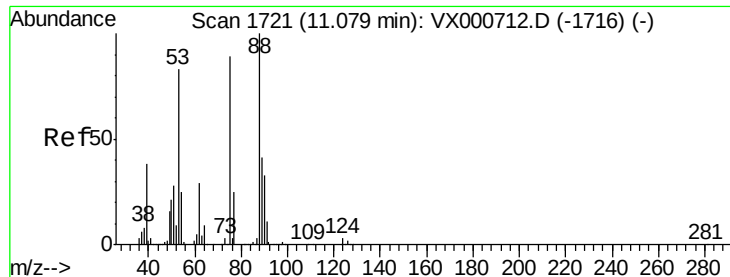
Tgt Ion: 105 Resp: 2666

Ion Ratio Lower Upper

105 100

120 46.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 62.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GWDL

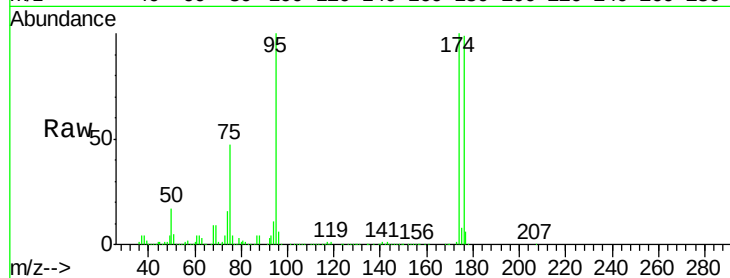
Tgt Ion: 75 Resp: 102482

Ion Ratio Lower Upper

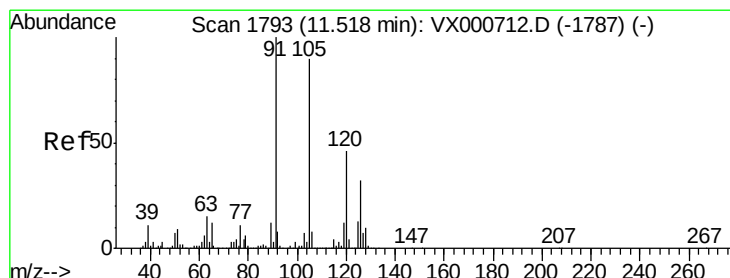
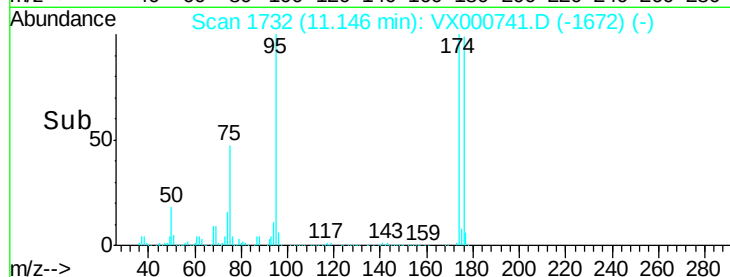
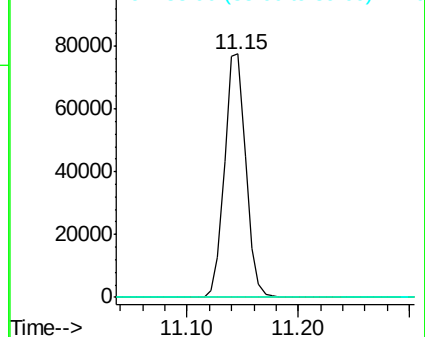
75 100

53 0.2 74.2 111.2#

89 0.0 46.6 69.8#



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



#82

4-Chlorotoluene

Concen: 0.25 ug/l

RT: 11.68 min Scan# 1819

Delta R.T. 0.16 min

Lab File: VX000741.D

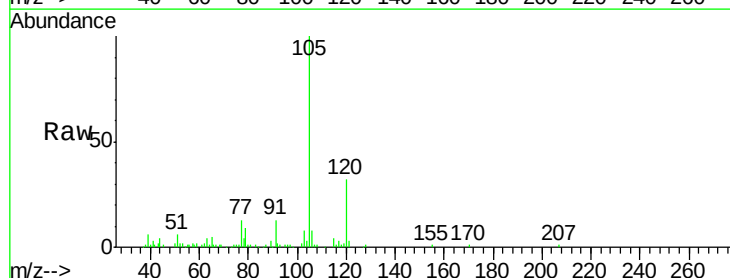
Acq: 08 Apr 2018 19:28

Tgt Ion: 91 Resp: 3085

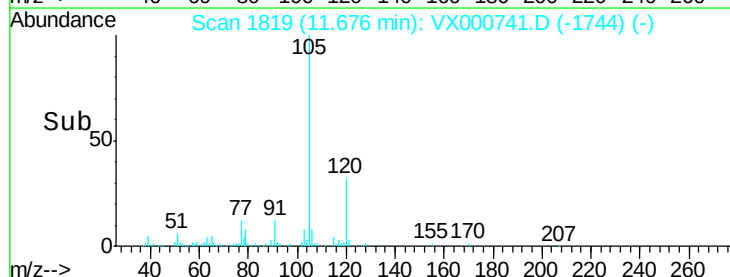
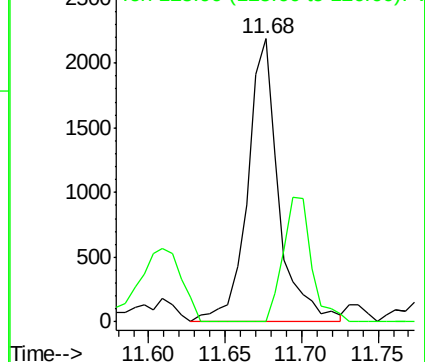
Ion Ratio Lower Upper

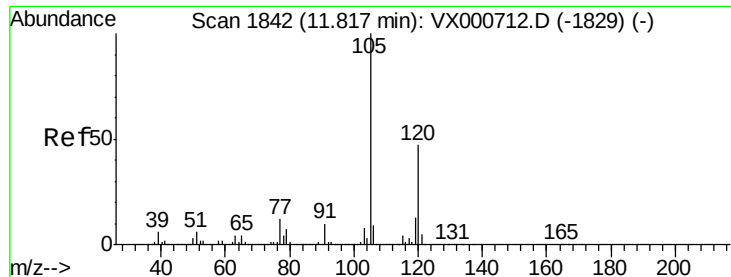
91 100

126 40.1 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

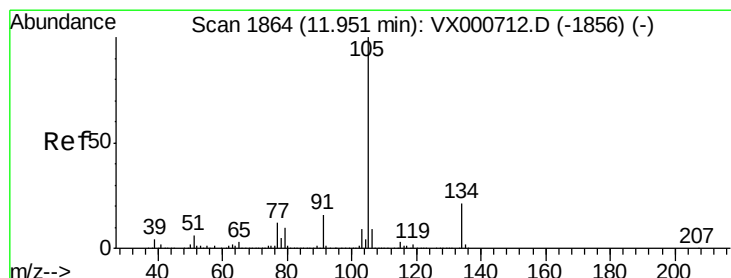
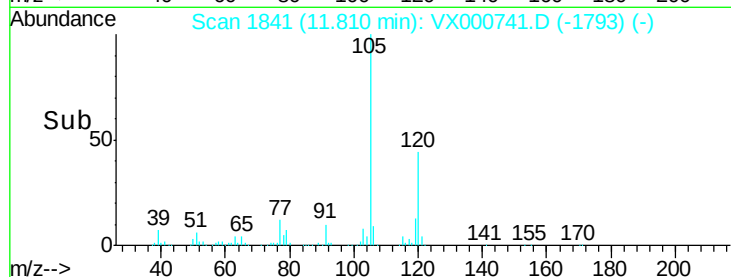
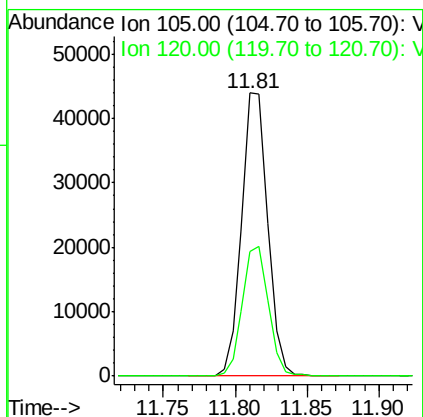
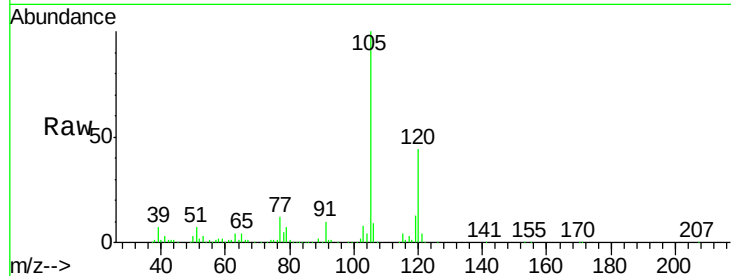




#84
 1,2,4-Trimethylbenzene
 Concen: 4.10 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000741.D
 Acq: 08 Apr 2018 19:28

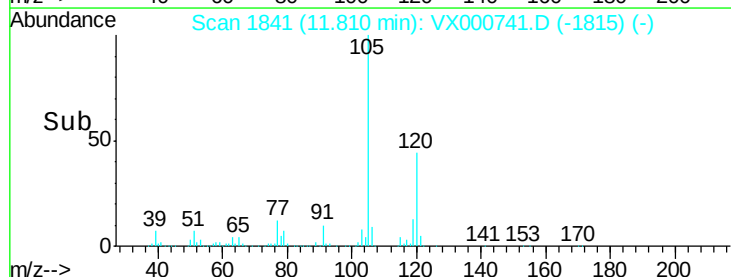
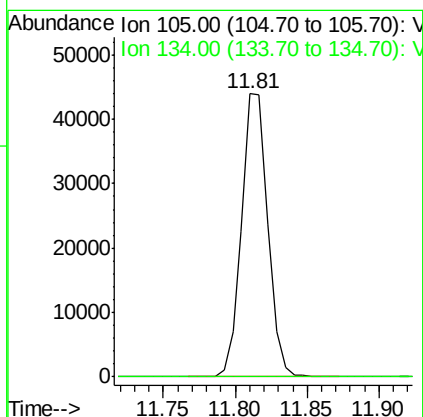
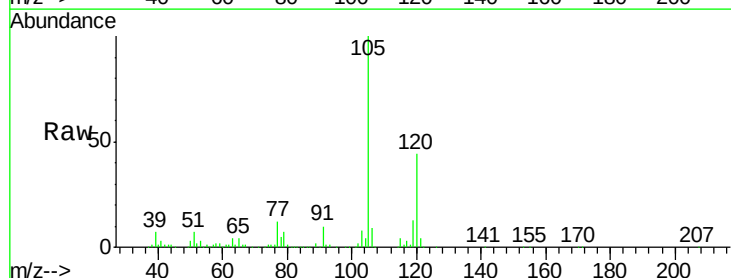
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GWDL

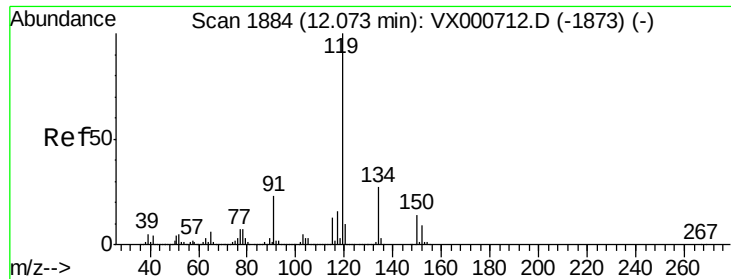
Tgt Ion:105 Resp: 55581
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 3.54 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX000741.D
 Acq: 08 Apr 2018 19:28

Tgt Ion:105 Resp: 55581
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 32.1#

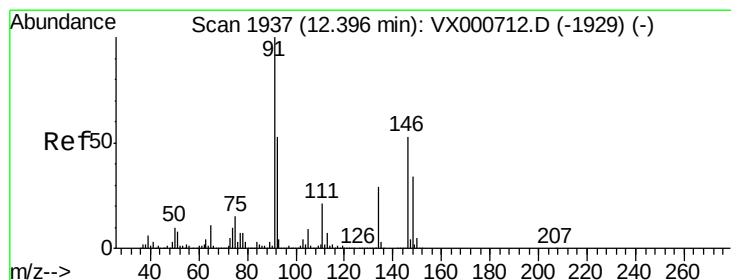
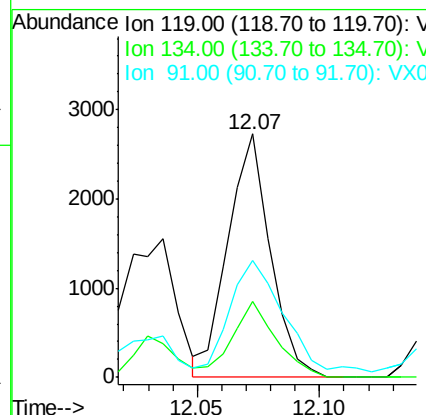
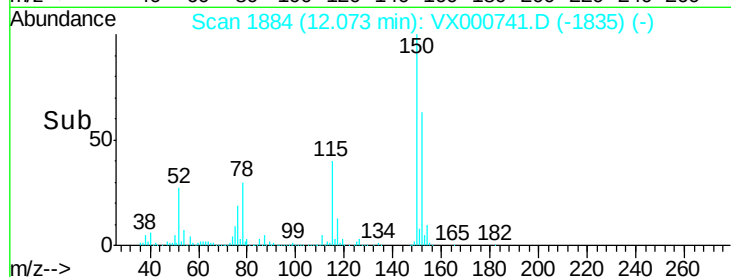
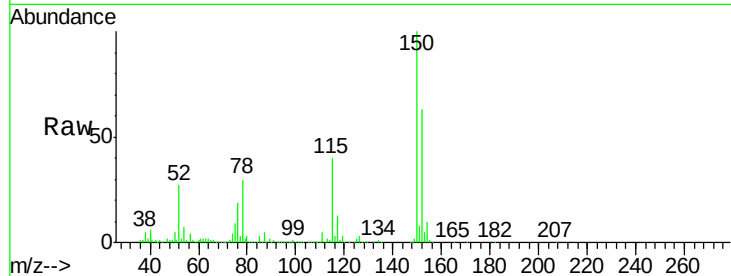




#86
p-Isopropyltoluene
Concen: 0.22 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

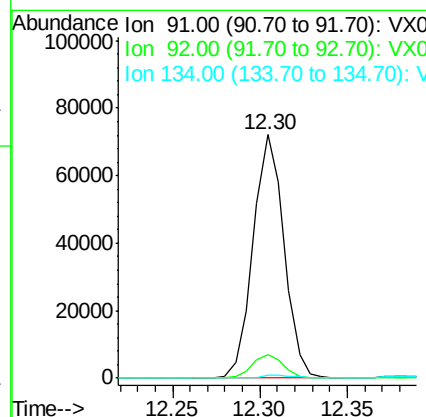
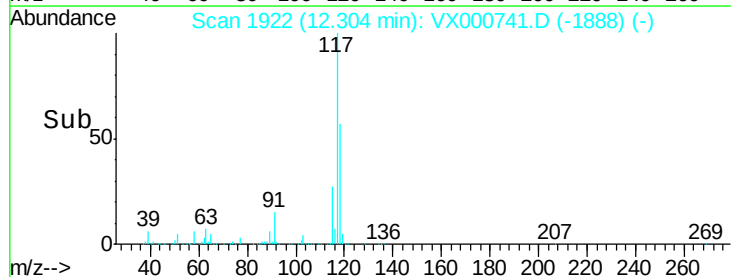
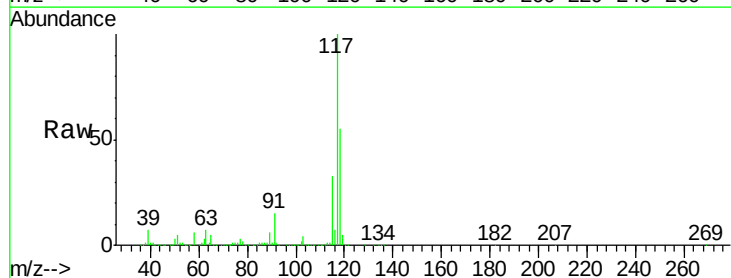
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

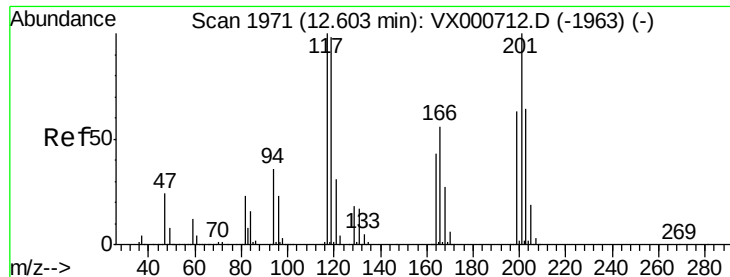
Tgt Ion	Ratio	Lower	Upper
119	100		
134	32.8	13.4	40.2
91	0.0	11.5	34.4#



#89
n-Butylbenzene
Concen: 6.77 ug/l
RT: 12.30 min Scan# 1922
Delta R.T. -0.09 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	9.9	26.7	80.0#
134	1.4	14.4	43.0#





#90

Hexachloroethane

Concen: 15.23 ug/l

RT: 12.76 min Scan# 1997

Delta R.T. 0.16 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

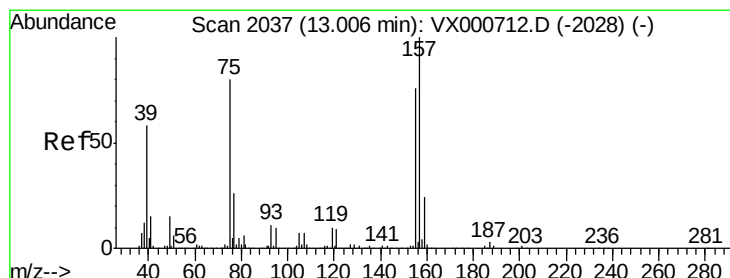
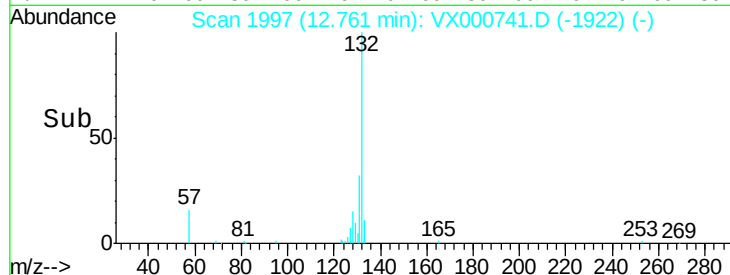
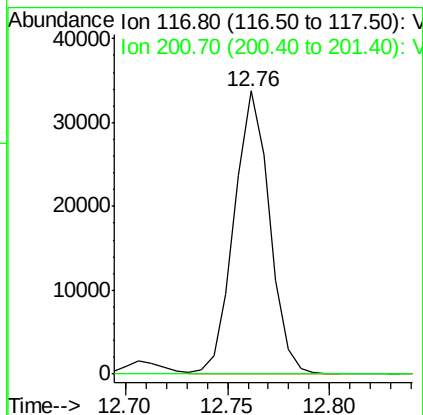
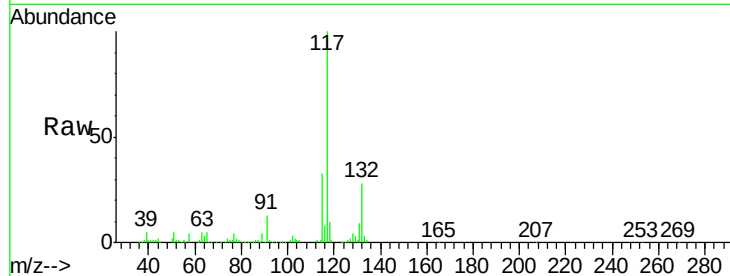
QNWP8-MW27S-GWDL

Tgt Ion:117 Resp: 40592

Ion Ratio Lower Upper

117 100

201 0.0 51.2 153.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.45 ug/l

RT: 13.03 min Scan# 2041

Delta R.T. 0.02 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

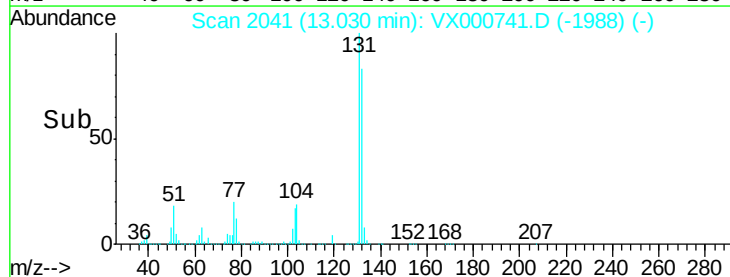
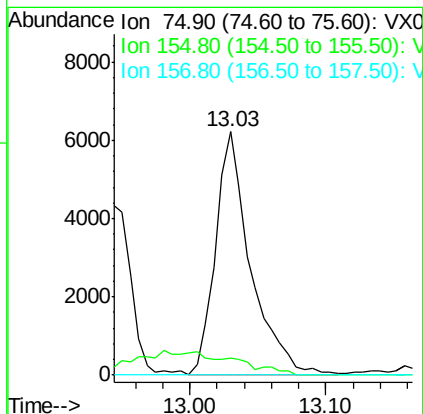
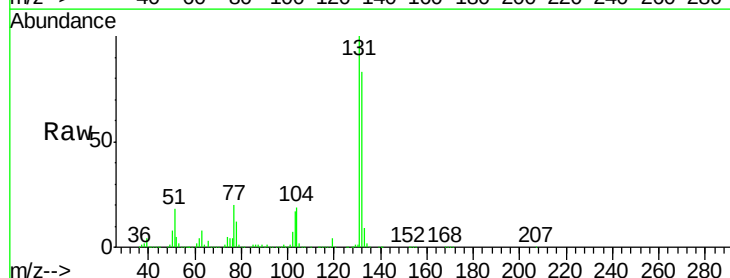
Tgt Ion: 75 Resp: 11153

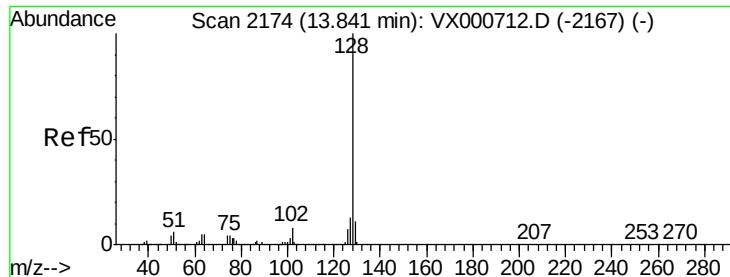
Ion Ratio Lower Upper

75 100

155 0.0 48.4 145.0#

157 0.0 62.8 188.5#





#95

Naphthalene

Concen: 82.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000741.D

Acq: 08 Apr 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GWDL

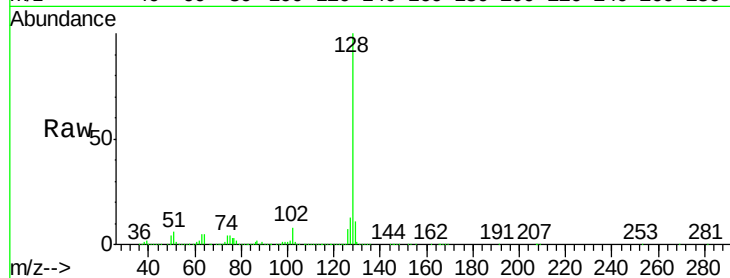
Tgt Ion:128 Resp: 1446042

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 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

