

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002990.D
 Acq On : 28 Jun 2018 17:27
 Operator : JC/MD
 Sample : J3711-01 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-26S-GW

Quant Time: Jun 29 06:10:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209795	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	177862	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
35) Dibromofluoromethane	5.51	113	143849	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	8.72	98	519639	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	193634	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	128	Below Cal		94
3) Chloromethane	1.30	50	17373	6.09 ug/l	#	46
5) Bromomethane	1.65	94	1926	Below Cal		88
6) Chloroethane	1.98	64	748	Below Cal	#	45
10) Methyl Iodide	2.52	142	2342	6.92 ug/l	#	95
11) Tert butyl alcohol	3.02	59	2416	3.34 ug/l	#	73
13) Acrolein	2.29	56	110	4.50 ug/l	#	14
16) Acetone	2.45	43	1830	1.22 ug/l		97
17) Carbon Disulfide	2.57	76	7278	1.06 ug/l		96
20) Methylene Chloride	2.86	84	700	0.24 ug/l	#	78
25) 2-Butanone	4.71	43	685	0.31 ug/l		92
29) Tetrahydrofuran	5.19	42	623	0.44 ug/l	#	68
31) Cyclohexane	5.57	56	1437	0.32 ug/l	#	94
36) 1,1-Dichloropropene	5.67	75	17468	4.28 ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23562	5.26 ug/l	#	17
39) Methylcyclohexane	7.46	83	1637	0.34 ug/l	#	83
40) Benzene	6.15	78	977205	82.36 ug/l		100
42) 1,2-Dichloroethane	6.15	62	9336	1.95 ug/l	#	77
49) 1,4-Dioxane	7.77	88	48	0.65 ug/l	#	1
52) Toluene	8.79	92	76909	10.12 ug/l		100
67) Ethyl Benzene	10.26	91	239040	16.54 ug/l		100
68) m/p-Xylenes	10.37	106	125730	22.57 ug/l		98
69) o-Xylene	10.70	106	85967	15.85 ug/l		99
70) Styrene	10.70	104	5185	0.59 ug/l	#	1
73) Isopropylbenzene	11.02	105	10601	0.75 ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	99193	26.10 ug/l	#	33
78) n-propylbenzene	11.37	91	5294	0.33 ug/l		97
79) 2-Chlorotoluene	11.44	91	4854	0.50 ug/l	#	54
80) 1,3,5-Trimethylbenzene	11.51	105	21839	1.84 ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	99193	74.00 ug/l	#	7
82) 4-Chlorotoluene	11.51	91	3211	0.28 ug/l	#	52
83) tert-Butylbenzene	11.81	119	8469	0.72 ug/l	#	66
84) 1,2,4-Trimethylbenzene	11.81	105	63280	5.14 ug/l		99
85) sec-Butylbenzene	11.81	105	63280	4.45 ug/l	#	56

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Quant Time: Jun 29 06:10:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

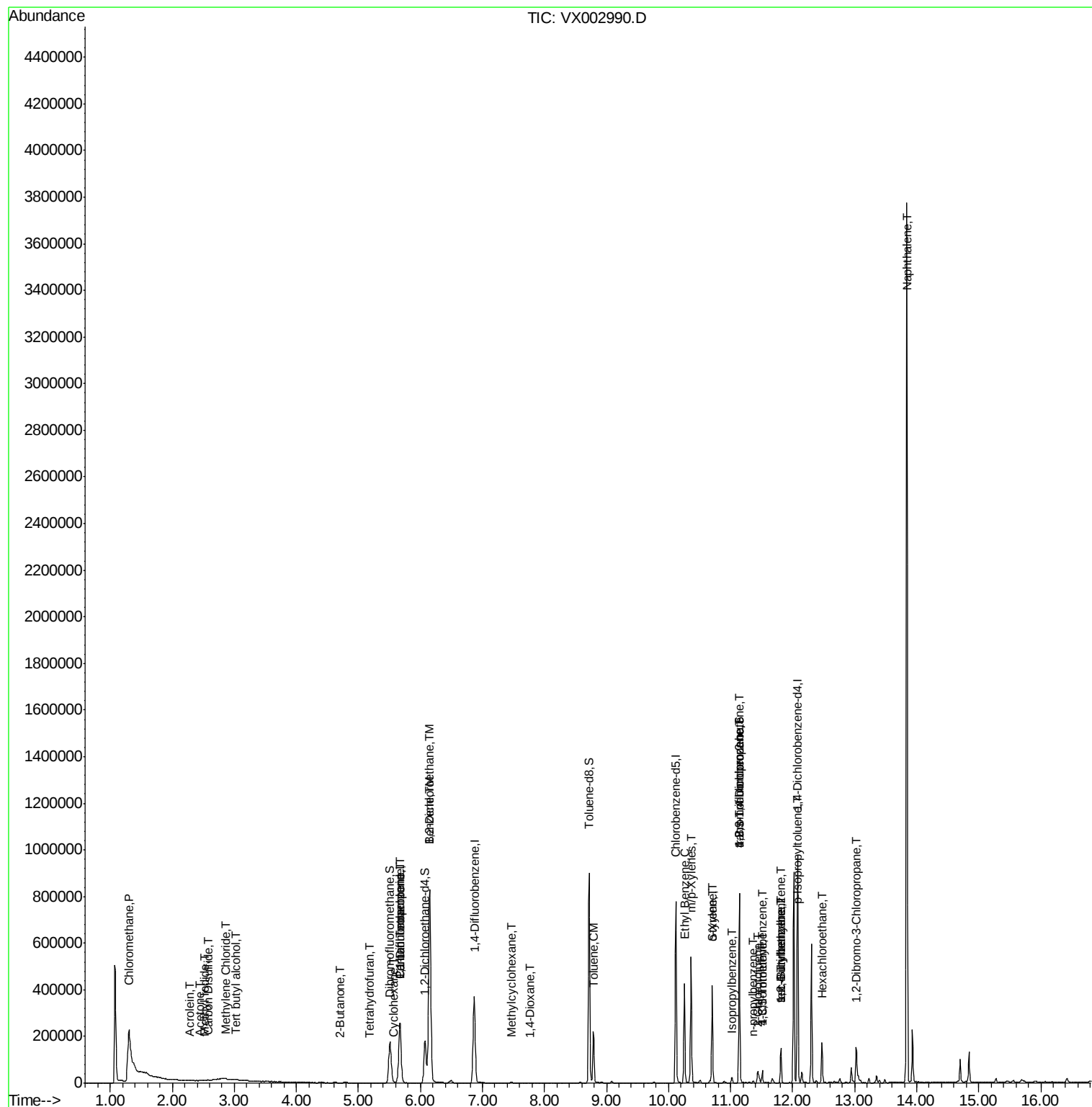
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.07	119	4171	0.33	ug/l #	71
90) Hexachloroethane	12.48	117	6675	3.51	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2933	3.00	ug/l #	1
95) Naphthalene	13.84	128	2294944	159.80	ug/l	100

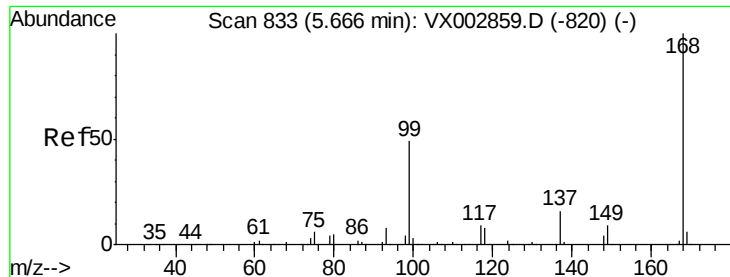
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Quant Time: Jun 29 06:10:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

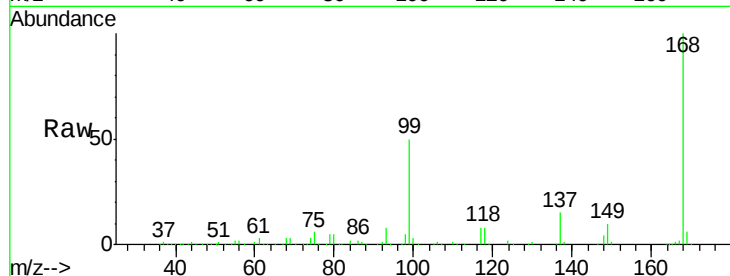
QNWP8-26S-GW

Tot Ion:168 Resp: 262404

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

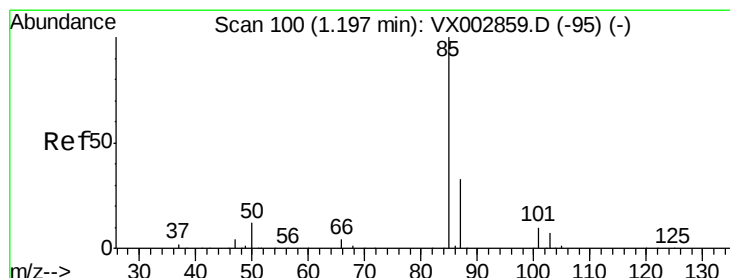
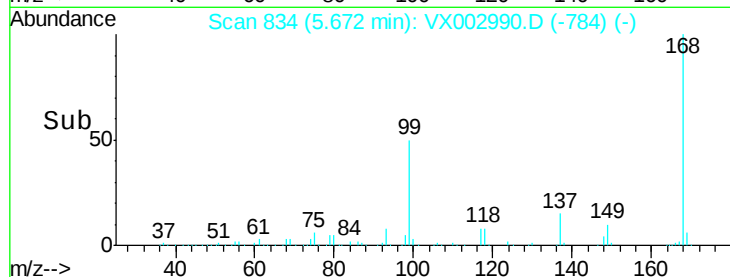
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002990.D

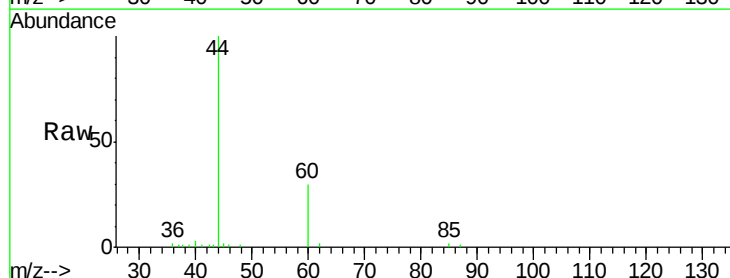
Acq: 28 Jun 2018 17:27

Tgt Ion: 85 Resp: 128

Ion Ratio Lower Upper

85 100

87 35.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200

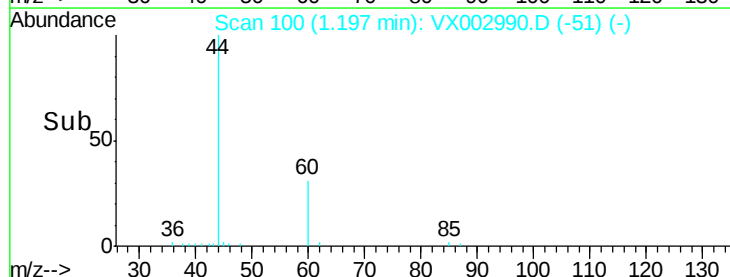
150

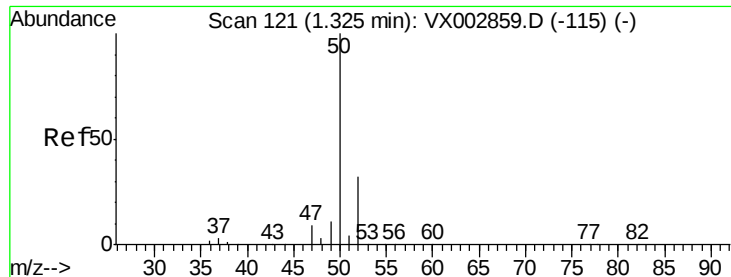
100

50

0

Time--> 1.18 1.20 1.22





#3

Chloromethane

Concen: 6.09 ug/l

RT: 1.30 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

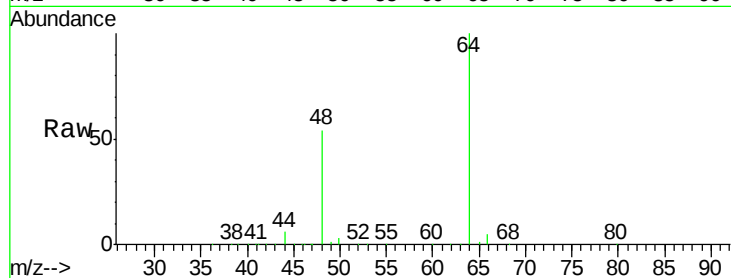
QNWP8-26S-GW

Tot Ion: 50 Resp: 17373

Ion Ratio Lower Upper

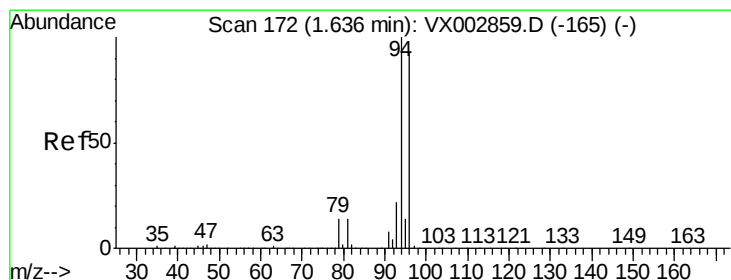
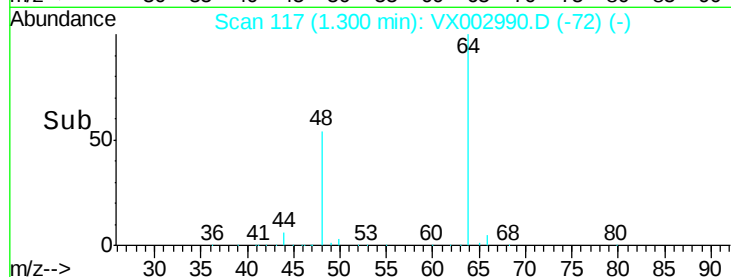
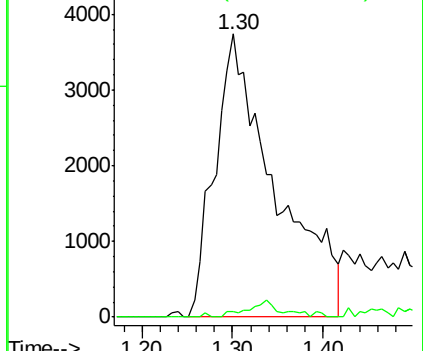
50 100

52 2.1 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002990.D

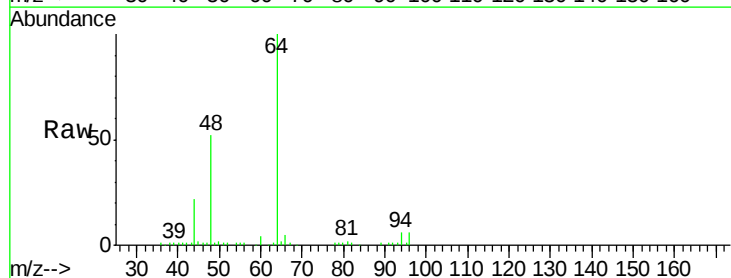
Acq: 28 Jun 2018 17:27

Tgt Ion: 94 Resp: 1926

Ion Ratio Lower Upper

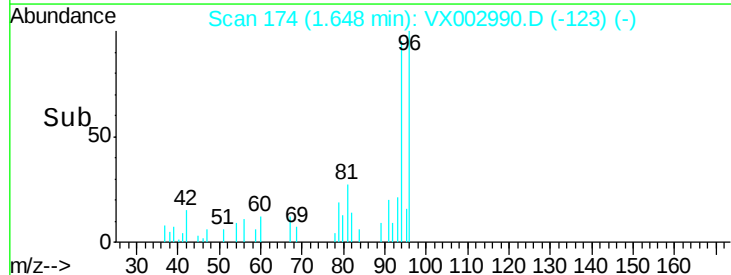
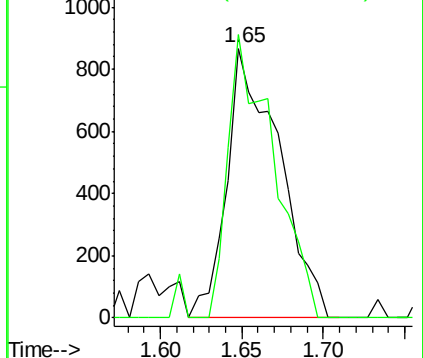
94 100

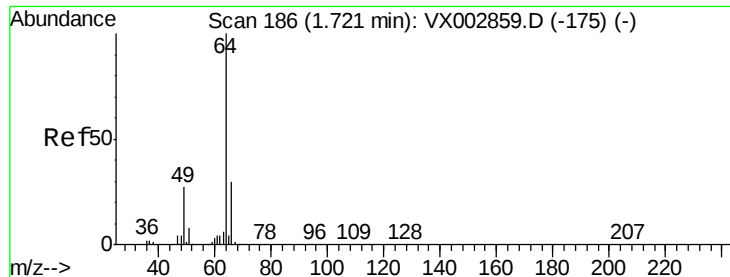
96 105.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.98 min Scan# 228

Delta R.T. 0.26 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

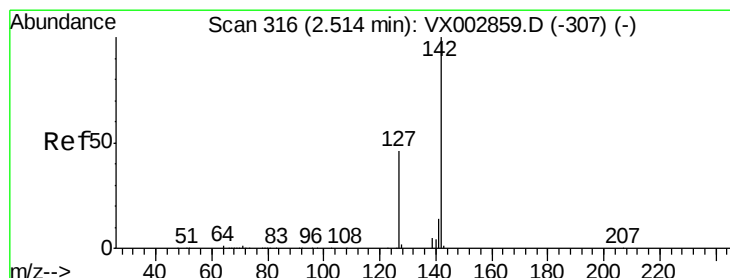
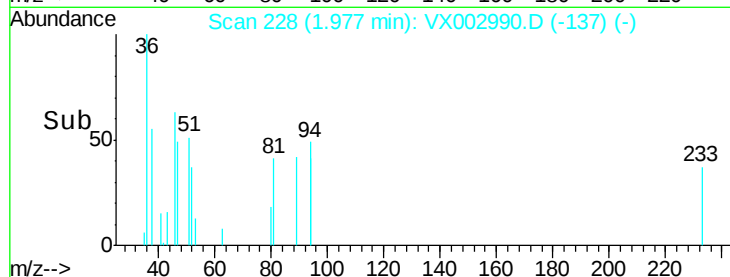
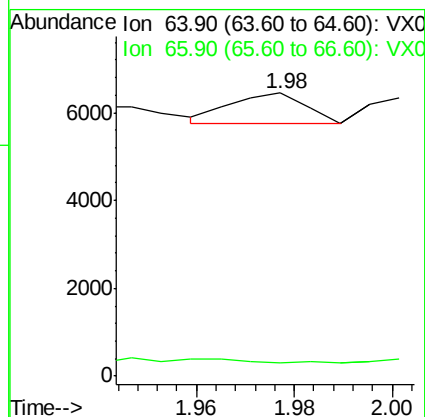
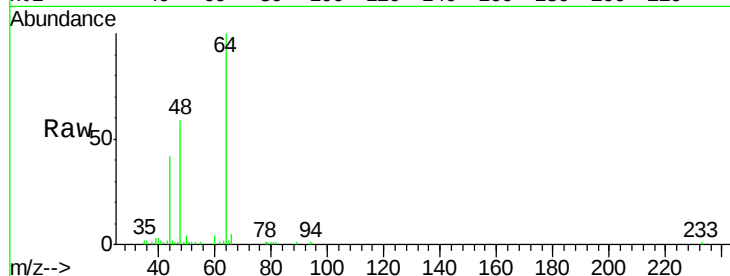
QNWP8-26S-GW

Tot Ion: 64 Resp: 748

Ion Ratio Lower Upper

64 100

66 1.4 25.5 38.3#



#10

Methyl Iodide

Concen: 6.92 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

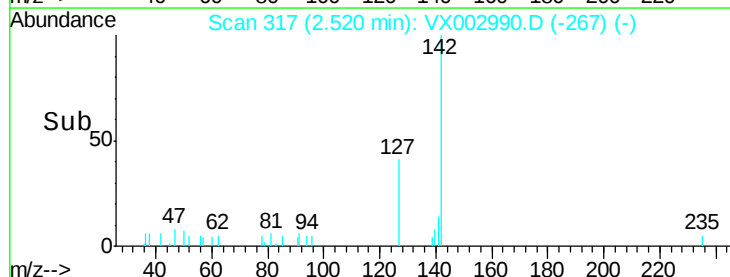
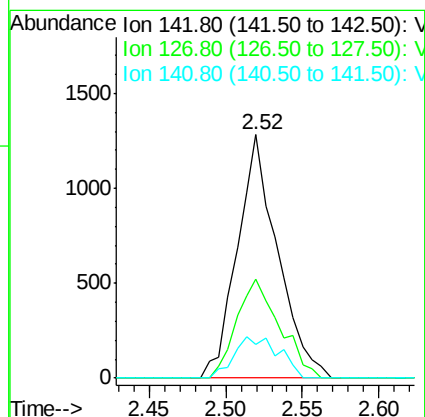
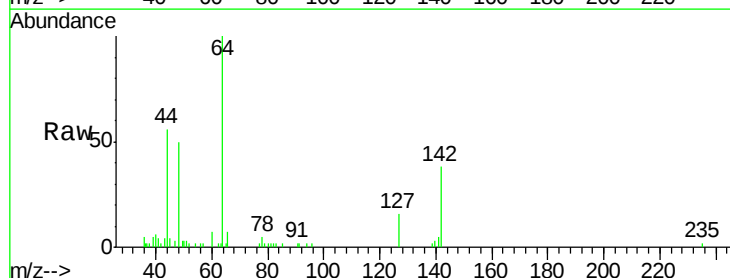
Tgt Ion:142 Resp: 2342

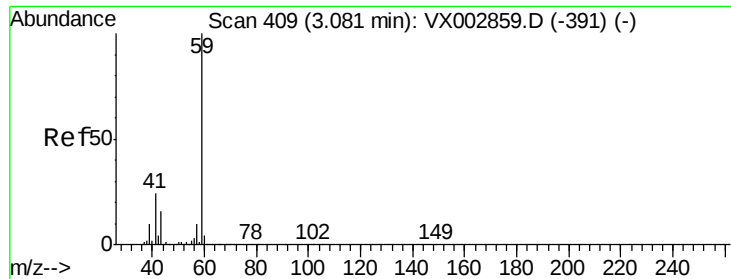
Ion Ratio Lower Upper

142 100

127 43.6 36.6 55.0

141 19.0 11.3 16.9#

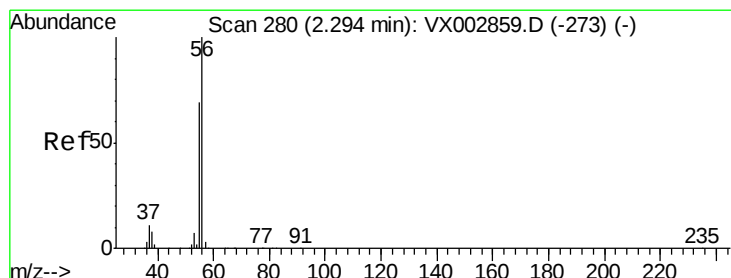
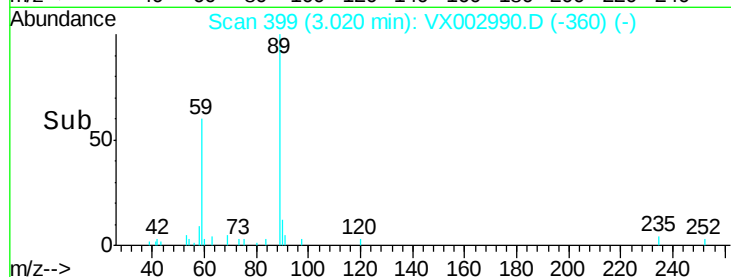
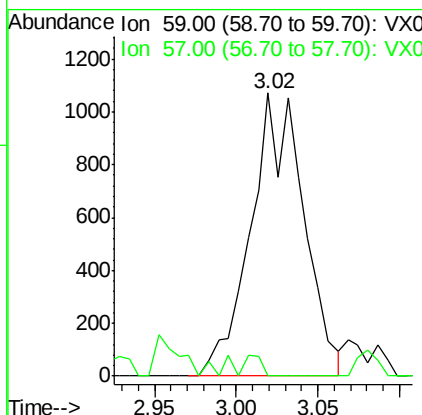
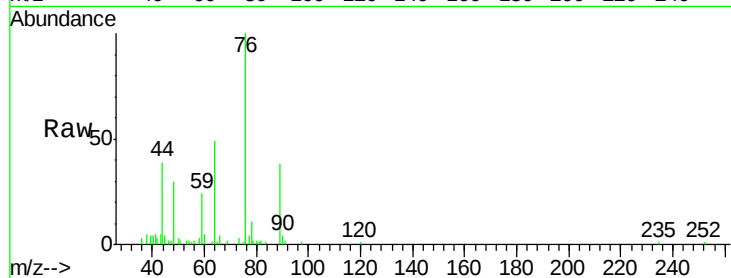




#11
Tert butyl alcohol
Concen: 3.34 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

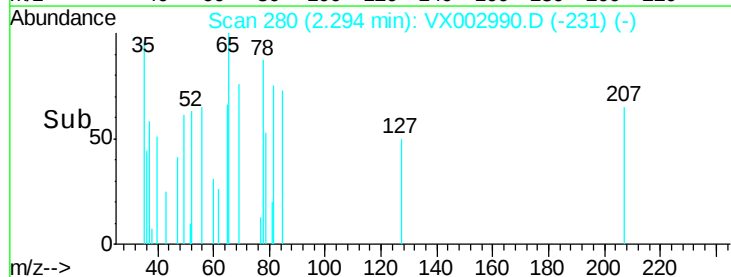
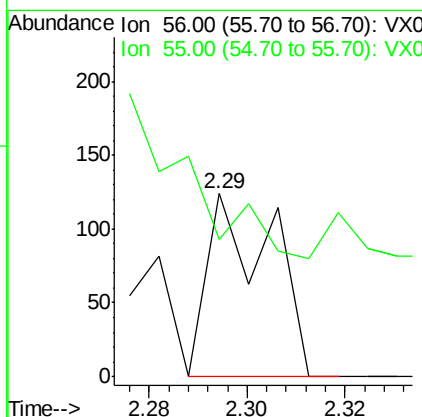
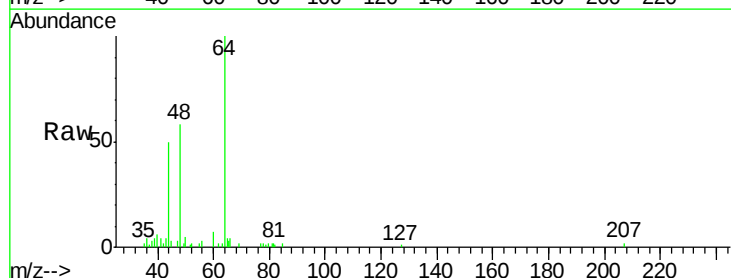
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

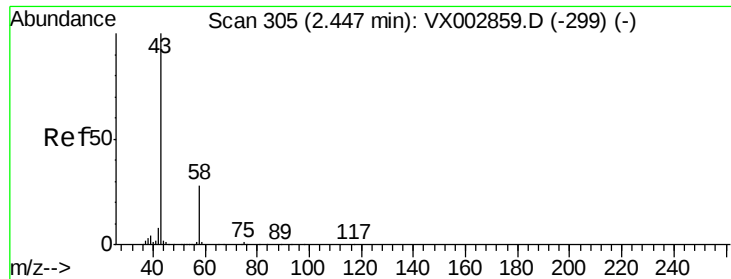
Tot Ion: 59 Resp: 2416
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 4.50 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 1.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

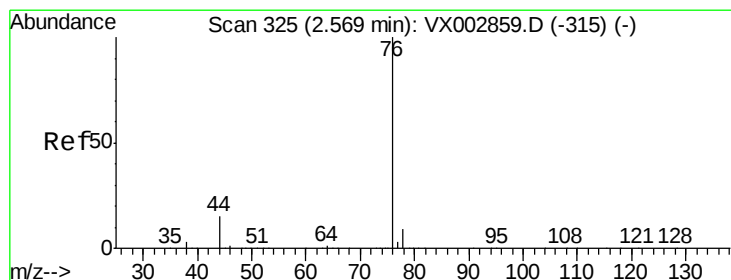
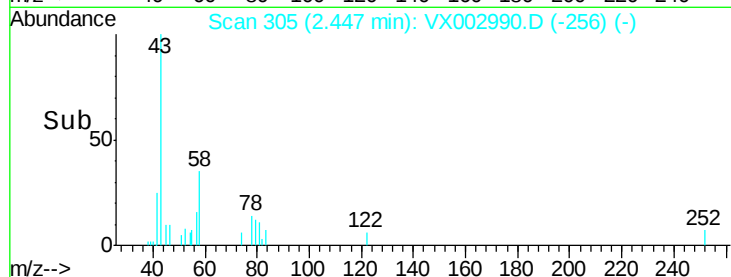
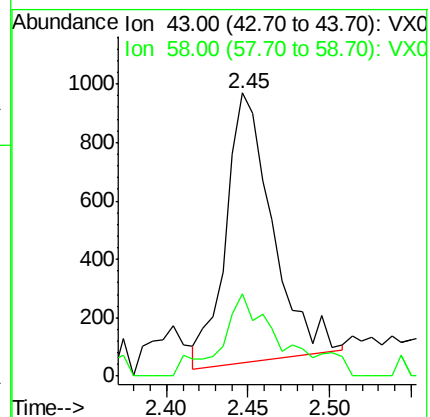
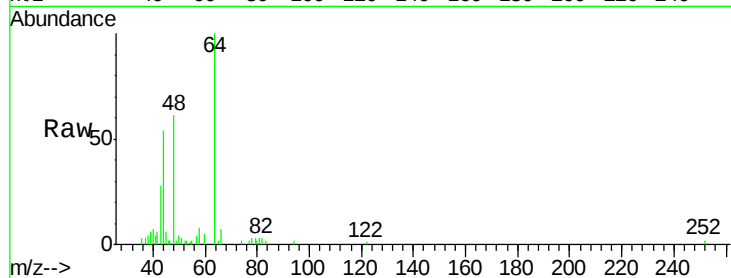
QNWP8-26S-GW

Tot Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

58 25.9 22.1 33.1



#17

Carbon Disulfide

Concen: 1.06 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002990.D

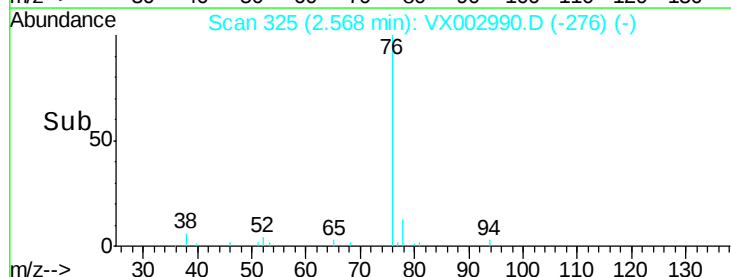
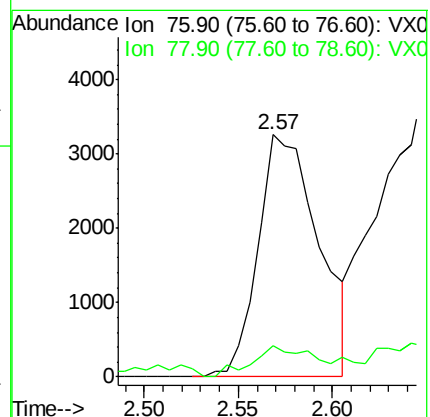
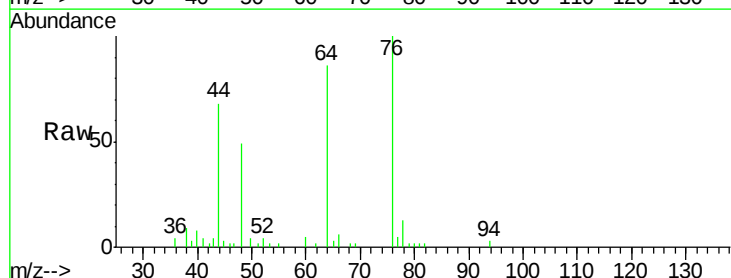
Acq: 28 Jun 2018 17:27

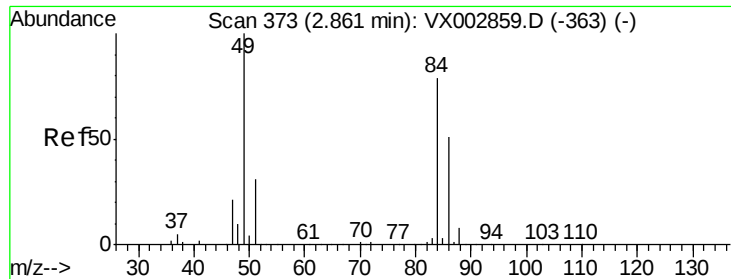
Tgt Ion: 76 Resp: 7278

Ion Ratio Lower Upper

76 100

78 10.0 6.9 10.3





#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-26S-GW

Tot Ion: 84 Resp: 700

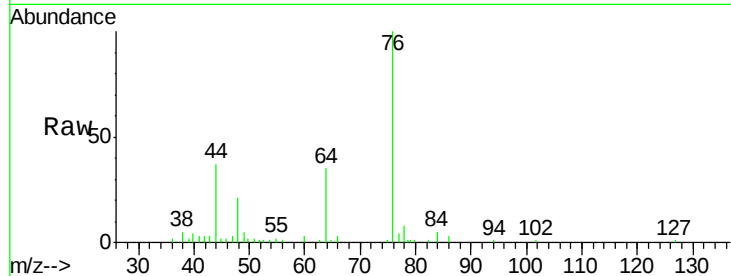
Ion Ratio Lower Upper

84 100

49 108.7 107.8 161.6

51 6.3 32.8 49.2#

86 63.9 52.5 78.7

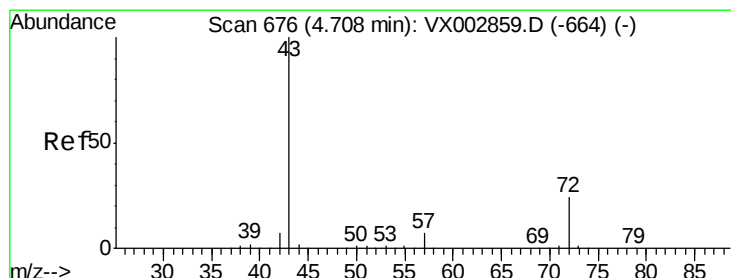
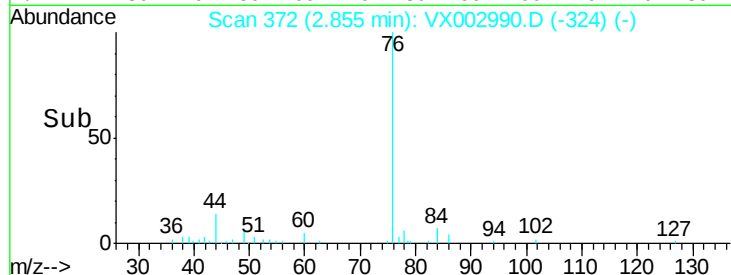
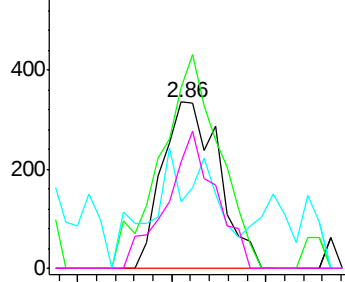


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.31 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002990.D

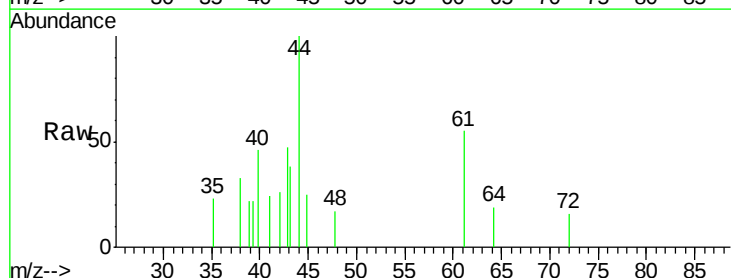
Acq: 28 Jun 2018 17:27

Tgt Ion: 43 Resp: 685

Ion Ratio Lower Upper

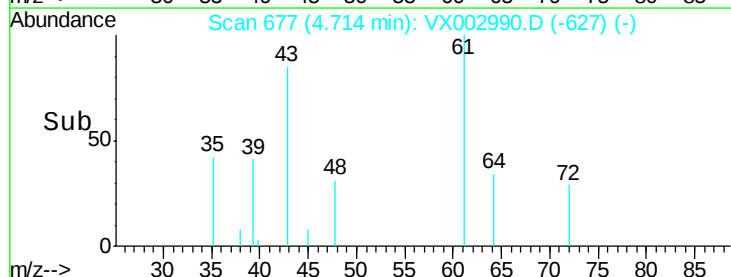
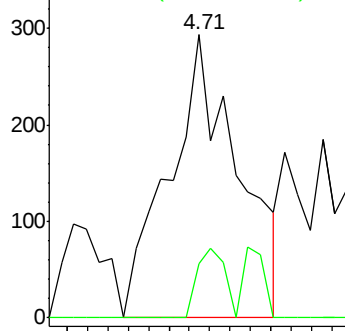
43 100

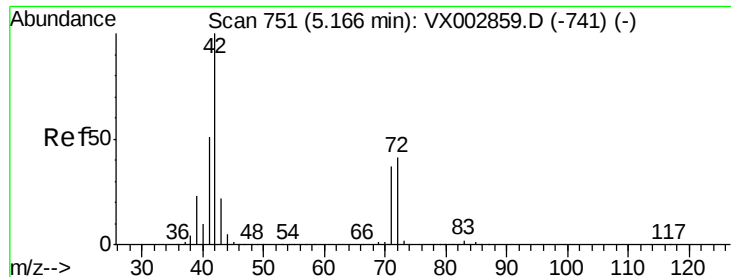
72 19.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

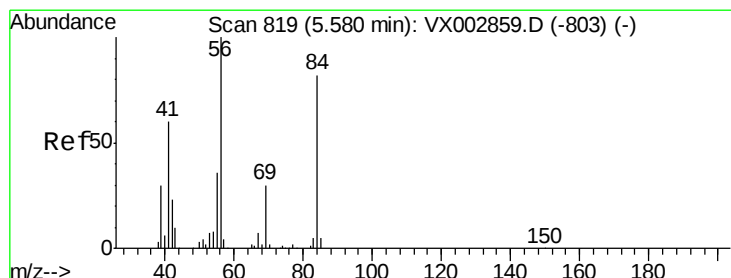
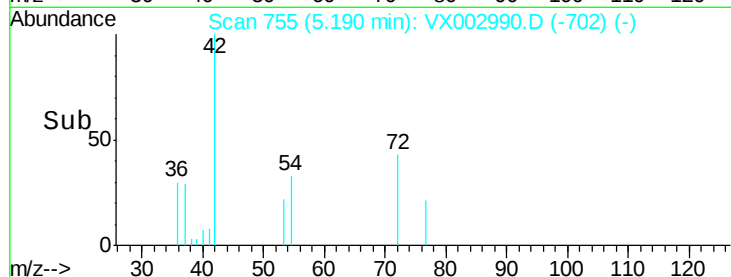
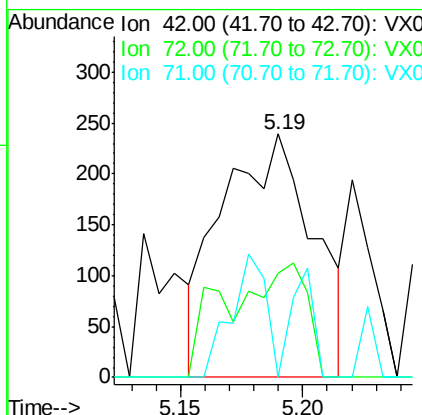
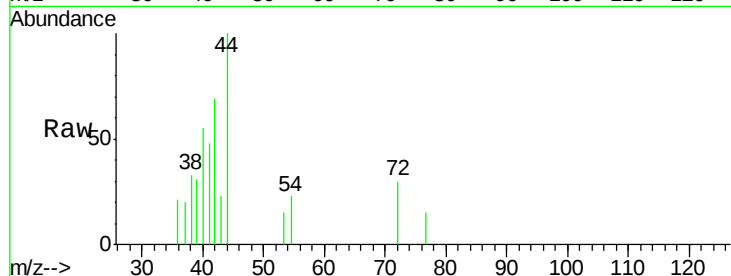




#29
Tetrahydrofuran
Concen: 0.44 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

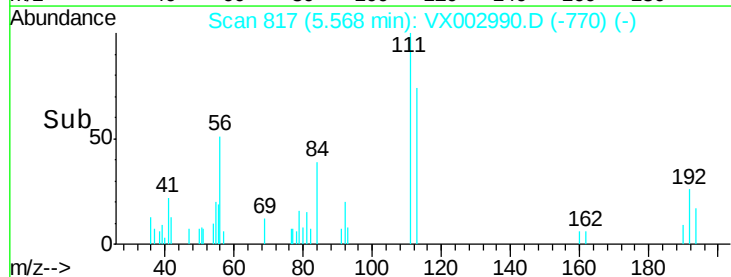
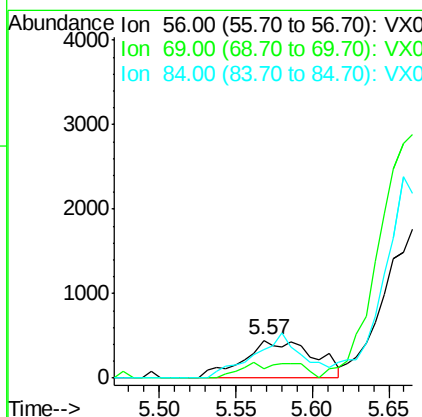
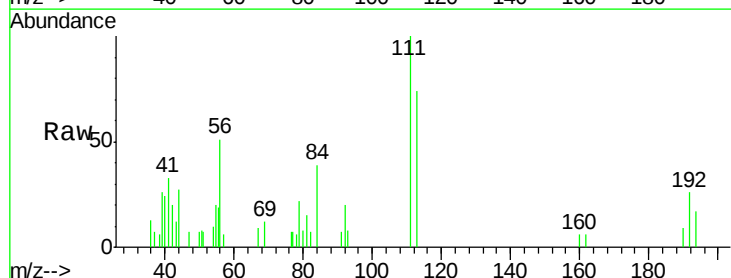
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

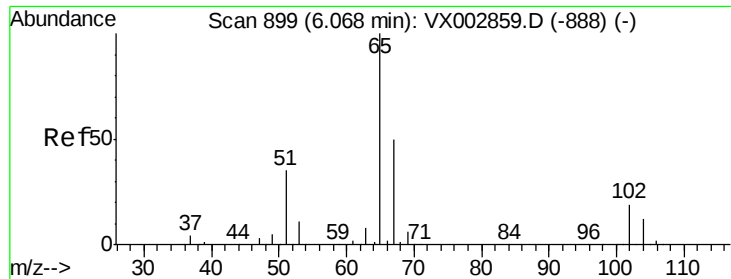
Tot Ion: 42 Resp: 623
Ion Ratio Lower Upper
42 100
72 27.1 32.0 48.0#
71 10.9 30.1 45.1#



#31
Cyclohexane
Concen: 0.32 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 56 Resp: 1437
Ion Ratio Lower Upper
56 100
69 23.6 23.7 35.5#
84 76.7 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 49.04 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

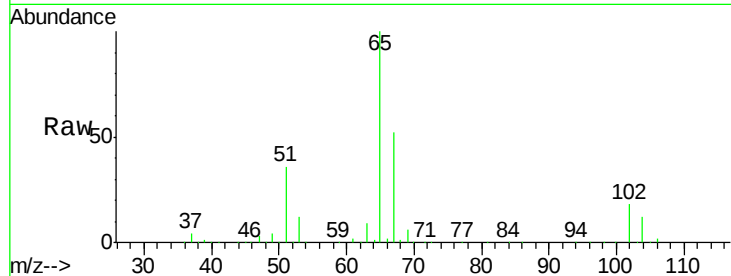
QNWP8-26S-GW

Tot Ion: 65 Resp: 177862

Ion Ratio Lower Upper

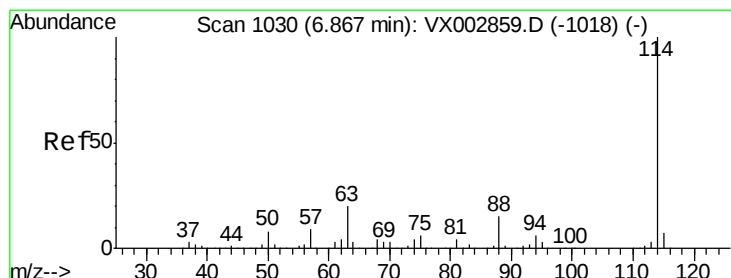
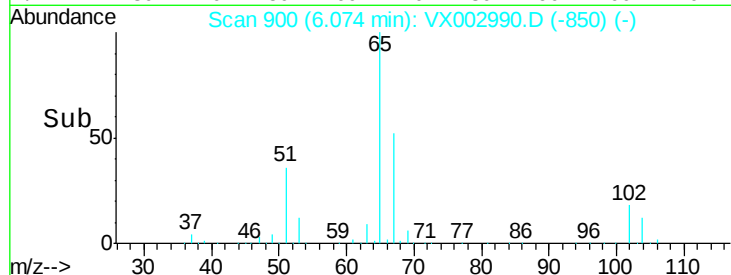
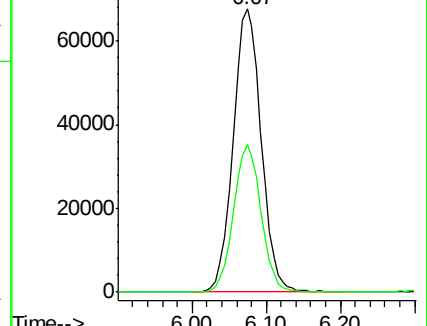
65 100

67 51.0 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

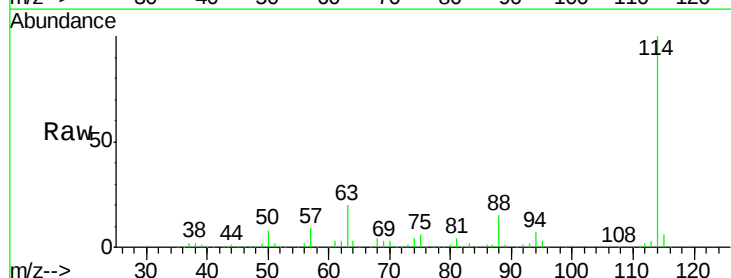
Tgt Ion: 114 Resp: 372379

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

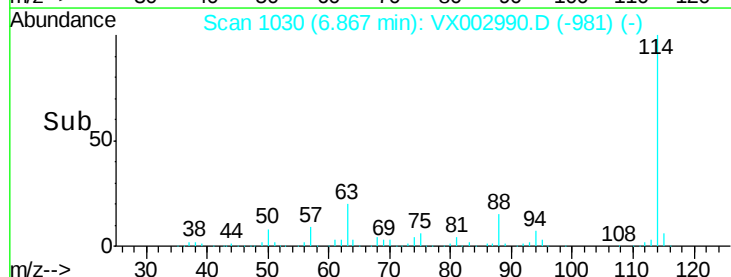
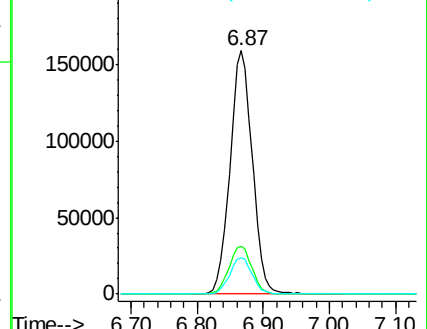
88 14.7 0.0 30.0

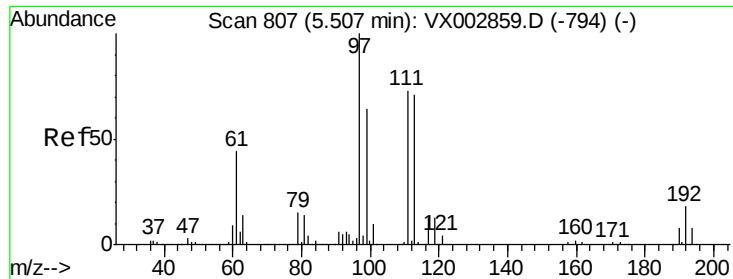


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

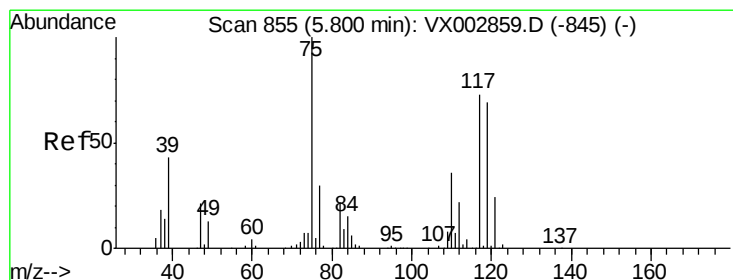
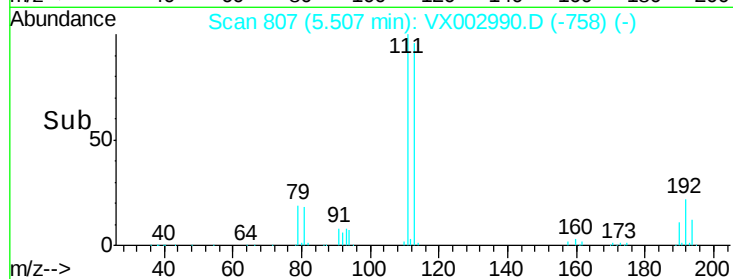
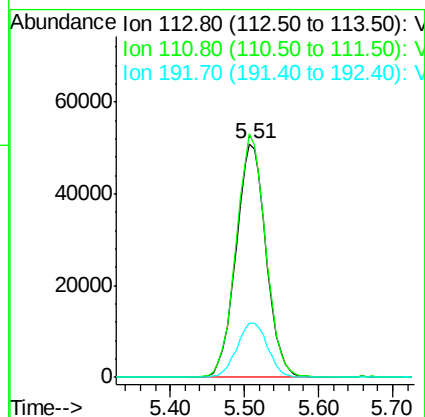
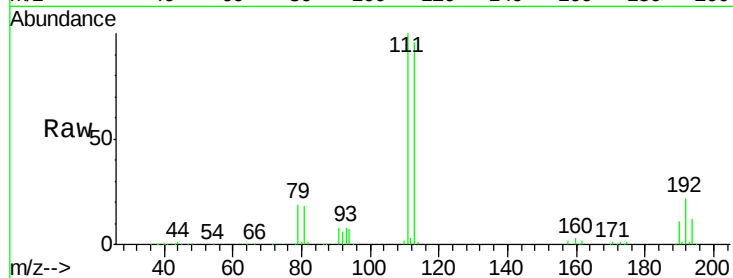




#35
 Dibromofluoromethane
 Concen: 48.78 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002990.D
 Acq: 28 Jun 2018 17:27

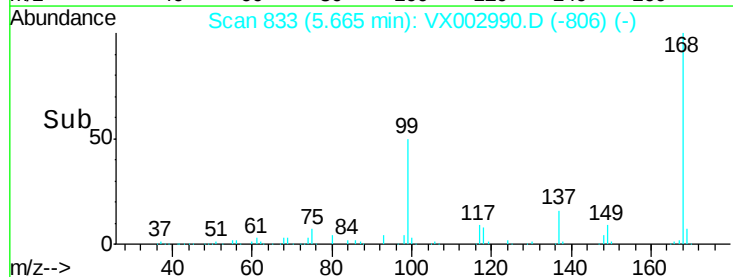
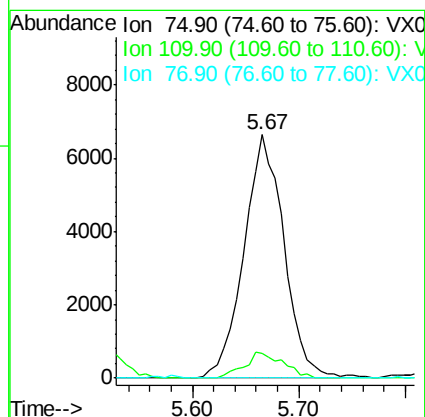
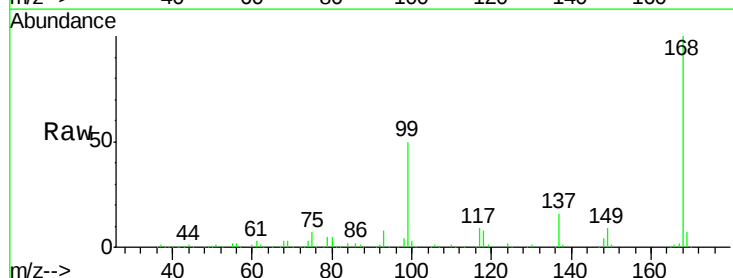
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-26S-GW

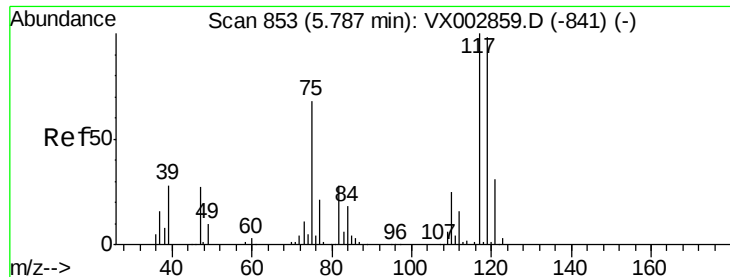
Tot Ion:113 Resp: 143849
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.28 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002990.D
 Acq: 28 Jun 2018 17:27

Tgt Ion: 75 Resp: 17468
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.4#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.26 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-26S-GW

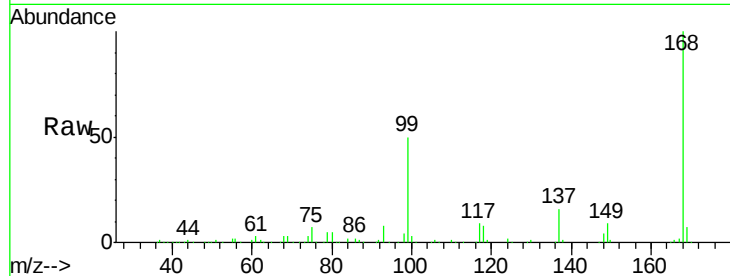
Tot Ion:117 Resp: 23562

Ion Ratio Lower Upper

117 100

119 6.7 77.4 116.0#

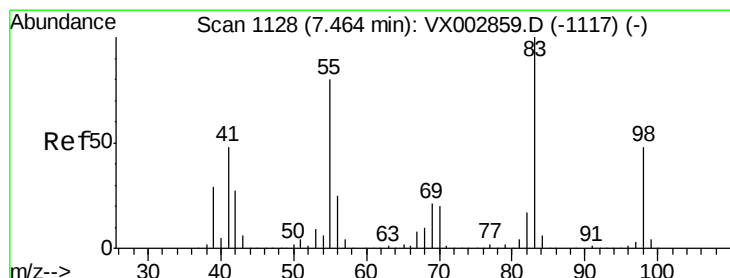
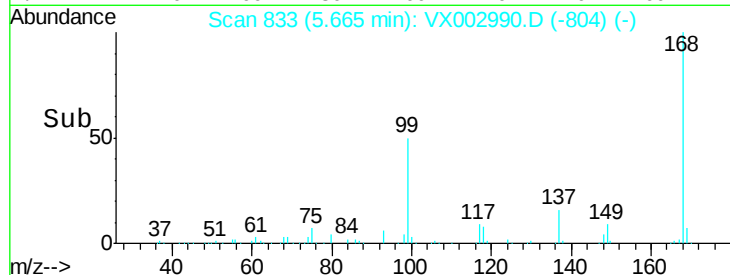
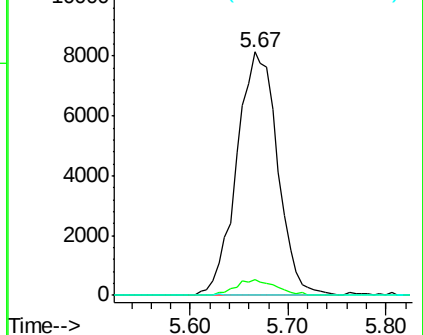
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.34 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

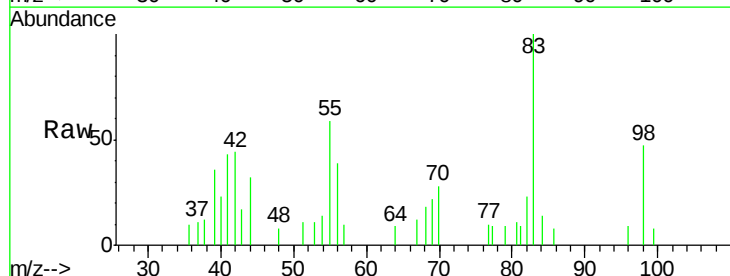
Tgt Ion: 83 Resp: 1637

Ion Ratio Lower Upper

83 100

55 59.1 65.4 98.0#

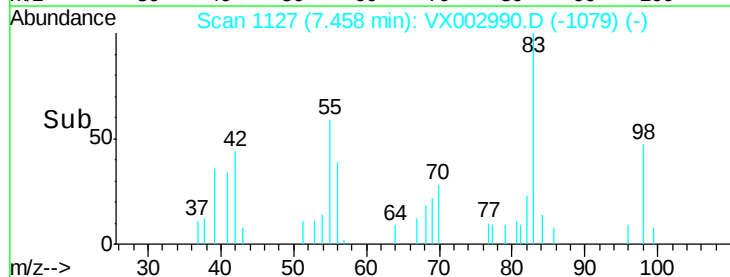
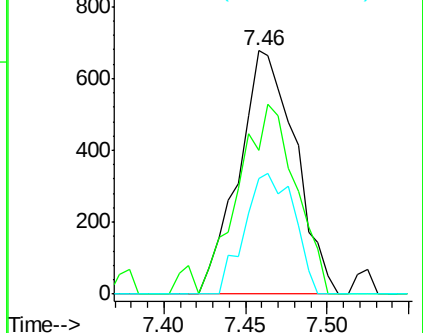
98 47.4 37.4 56.0

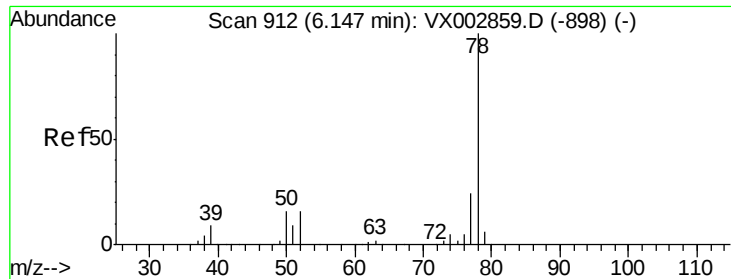


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 82.36 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

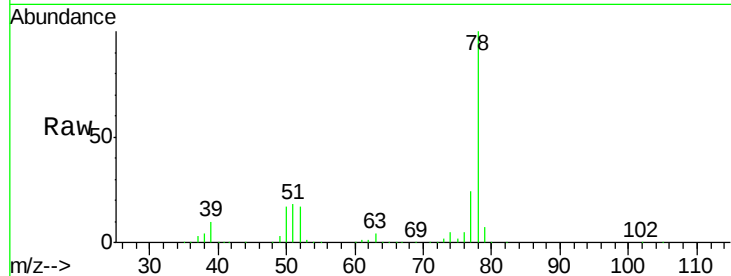
QNWP8-26S-GW

Tot Ion: 78 Resp: 977205

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

400000

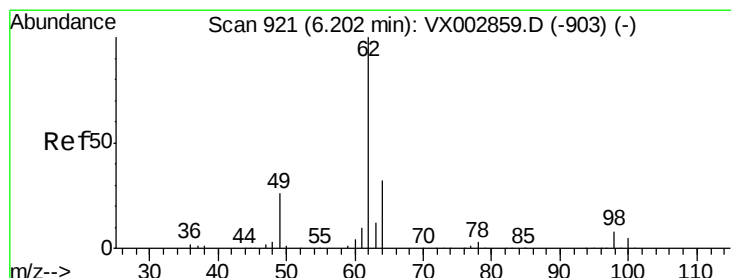
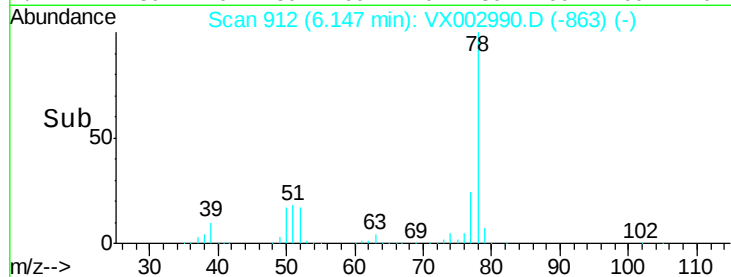
300000

200000

100000

0

Time-->



#42

1,2-Dichloroethane

Concen: 1.95 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.05 min

Lab File: VX002990.D

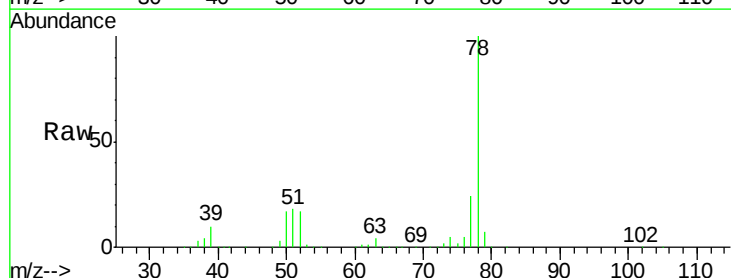
Acq: 28 Jun 2018 17:27

Tgt Ion: 62 Resp: 9336

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.15

4000

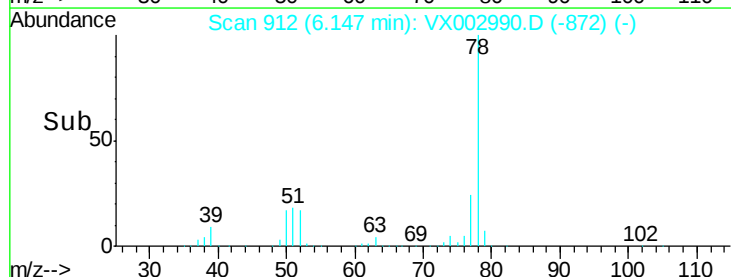
3000

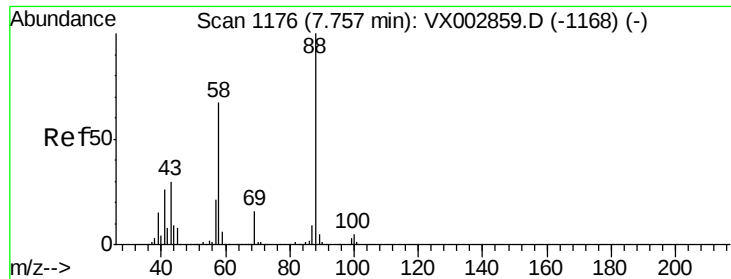
2000

1000

0

Time-->

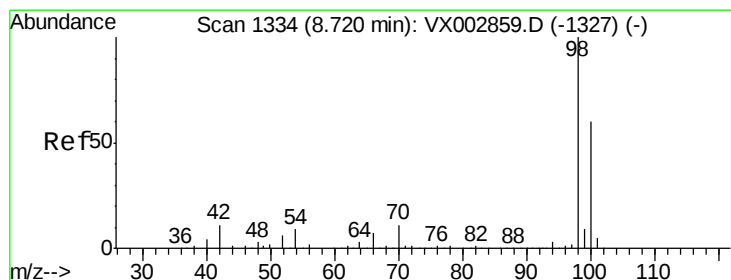
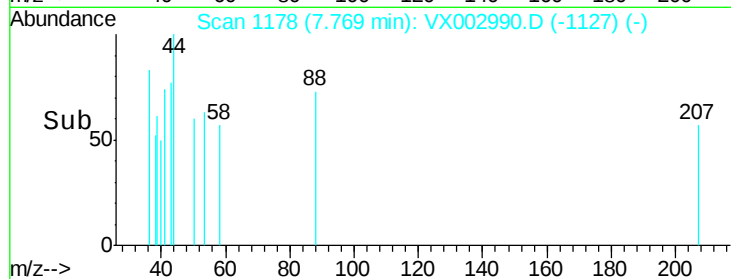
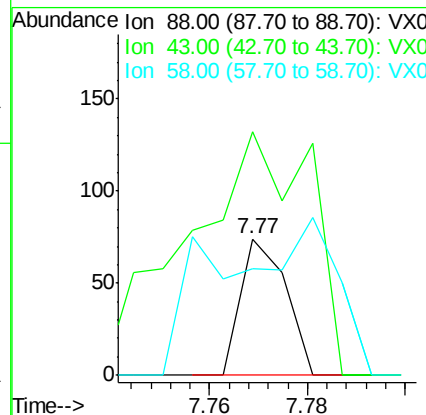
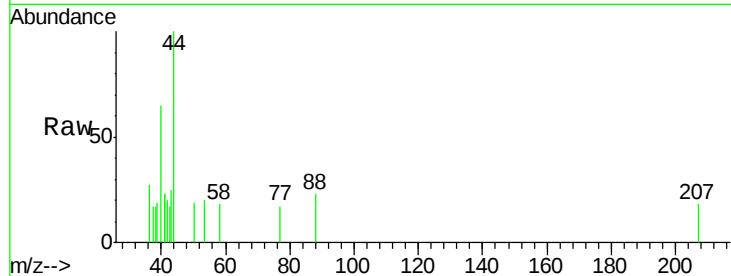




#49
1,4-Dioxane
Concen: 0.65 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

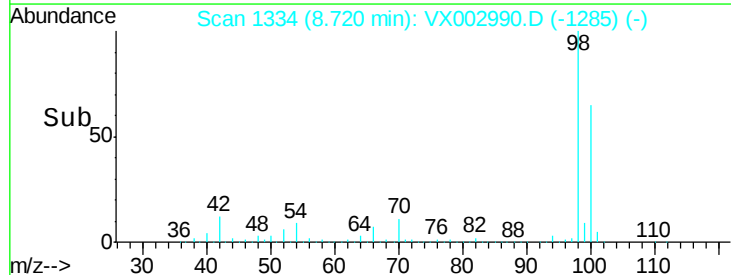
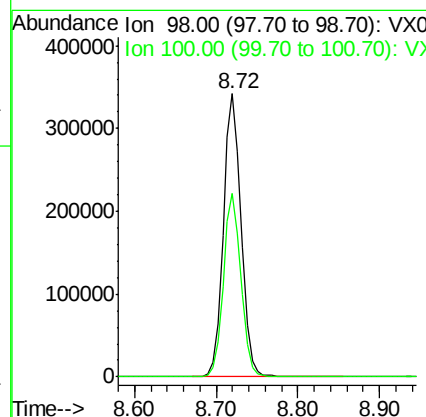
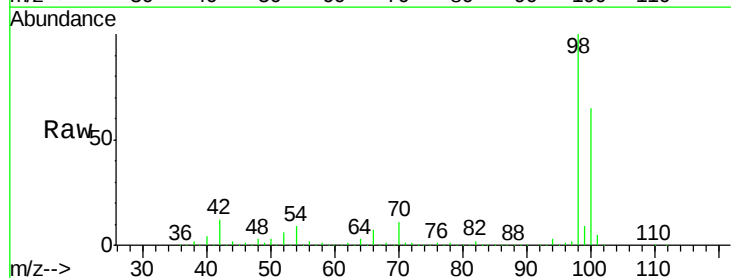
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

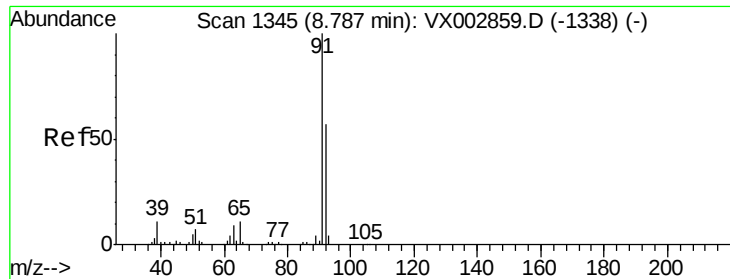
Tot Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 479.2 29.8 44.6#
58 287.5 57.1 85.7#



#50
Toluene-d8
Concen: 48.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 98 Resp: 519639
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#52

Toluene

Concen: 10.12 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

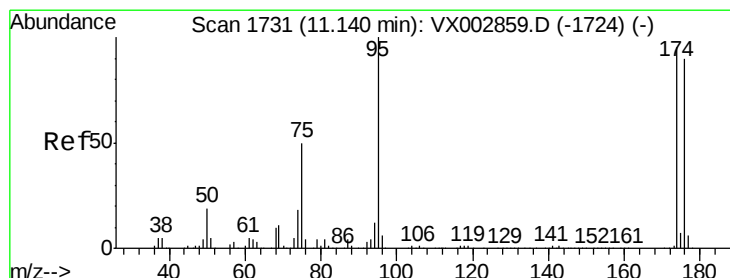
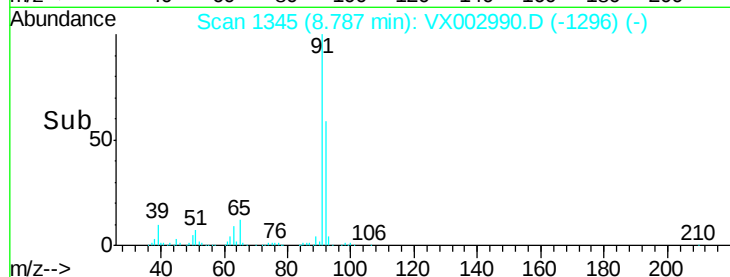
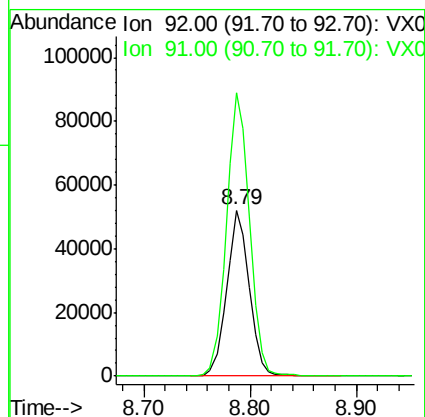
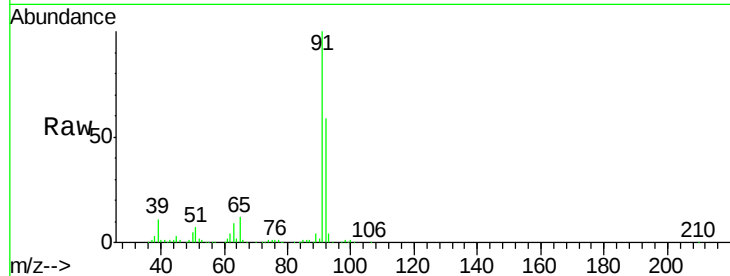
QNWP8-26S-GW

Tot Ion: 92 Resp: 76909

Ion Ratio Lower Upper

92 100

91 175.4 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 46.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

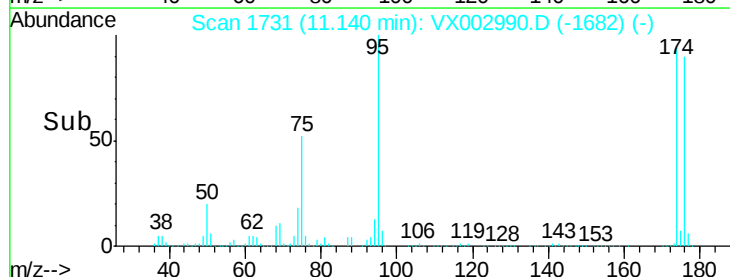
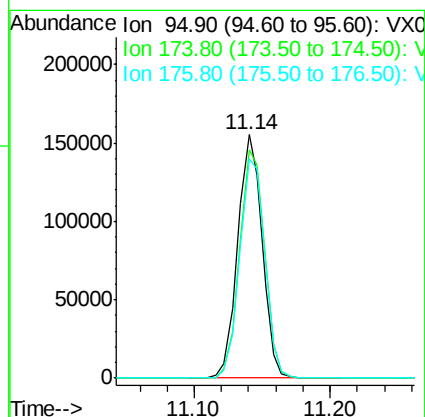
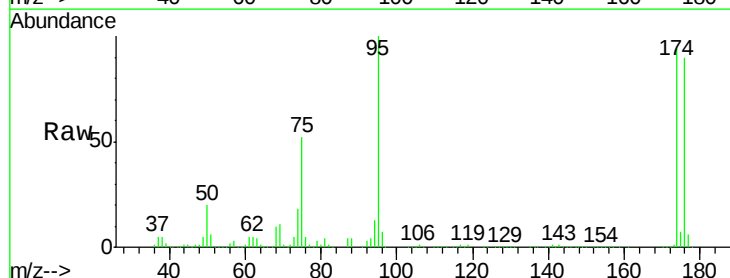
Tgt Ion: 95 Resp: 193634

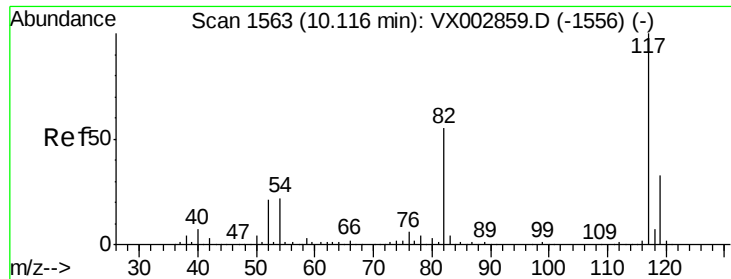
Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

176 92.7 0.0 181.0

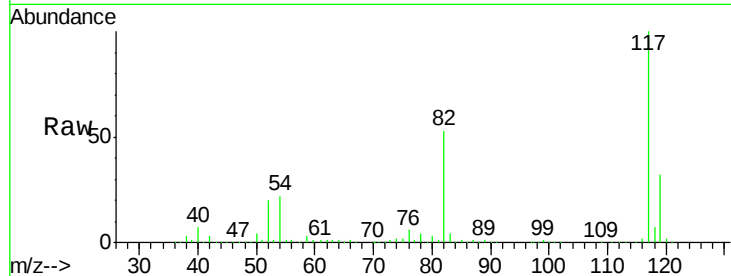




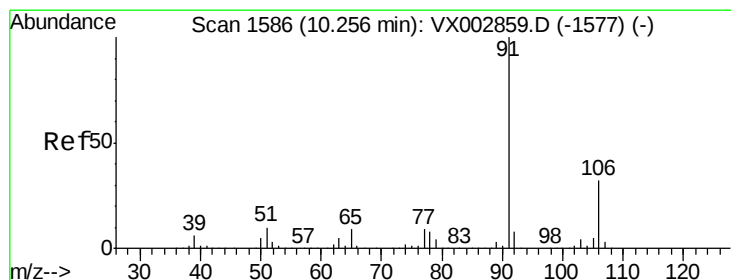
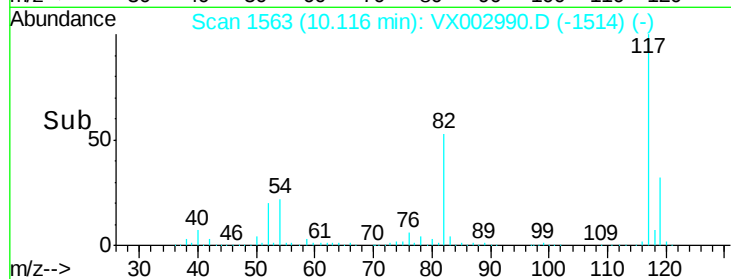
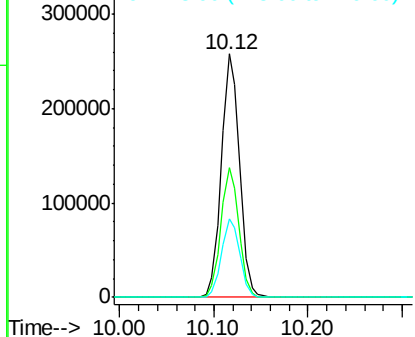
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tot Ion:117 Resp: 344503
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.4 25.8 38.6

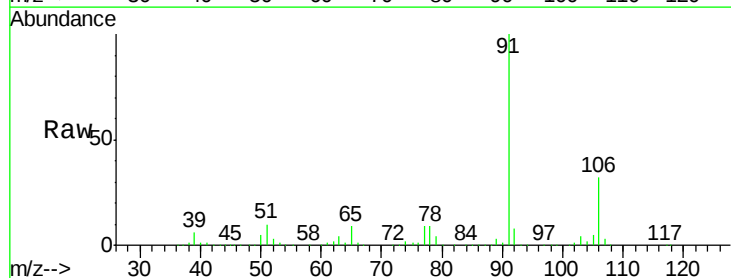


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

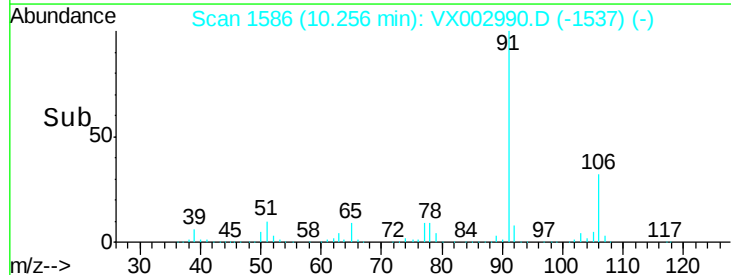
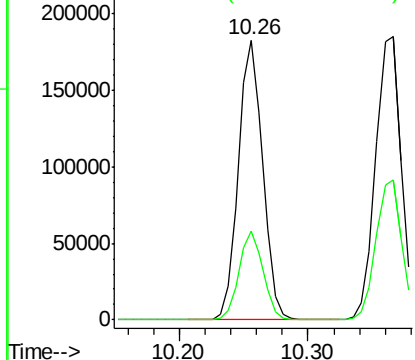


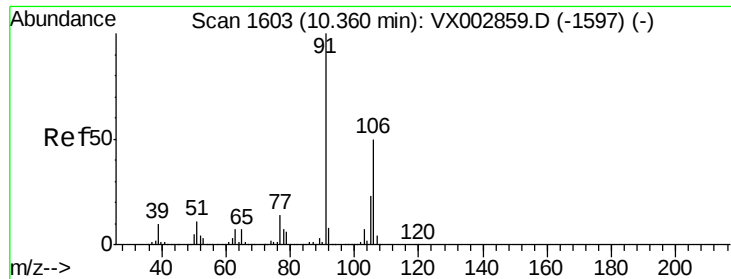
#67
Ethyl Benzene
Concen: 16.54 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 91 Resp: 239040
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



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

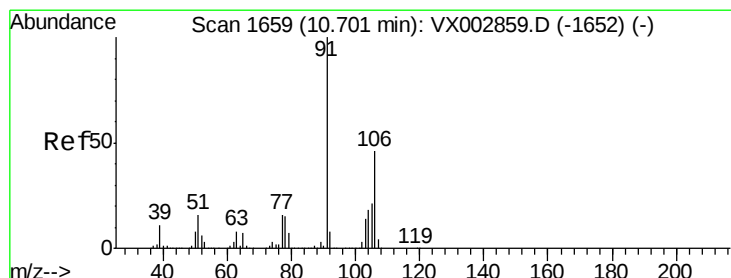
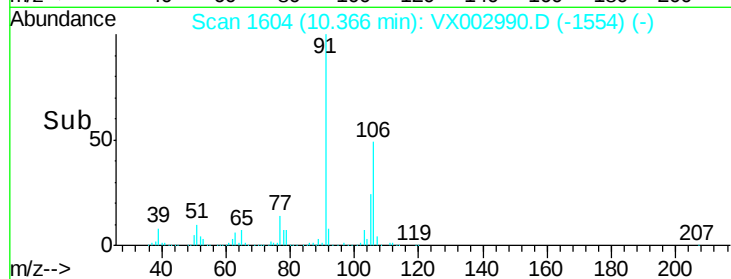
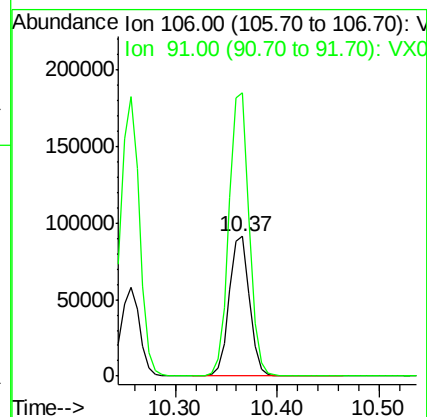
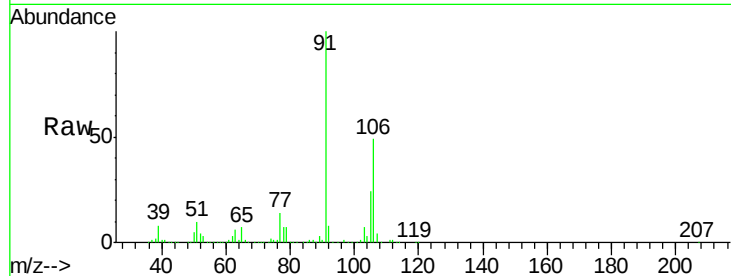




#68
m/p-Xylenes
Concen: 22.57 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

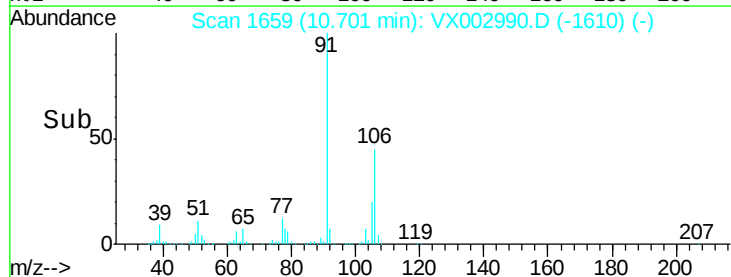
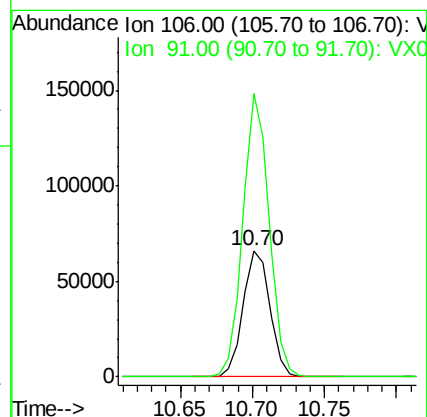
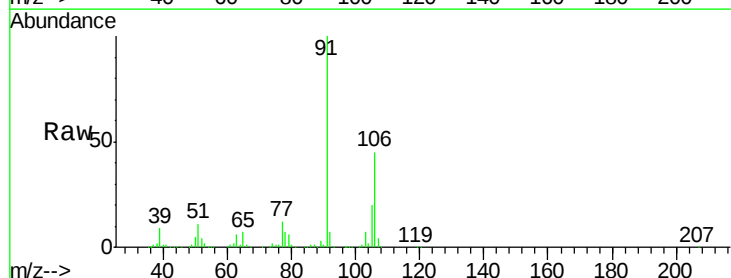
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

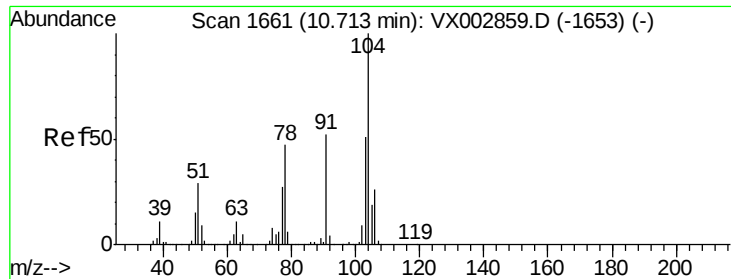
Tot Ion:106 Resp: 125730
Ion Ratio Lower Upper
106 100
91 201.3 163.4 245.2



#69
o-Xylene
Concen: 15.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:106 Resp: 85967
Ion Ratio Lower Upper
106 100
91 218.3 108.2 324.6





#70

Stvrene

Concen: 0.59 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-26S-GW

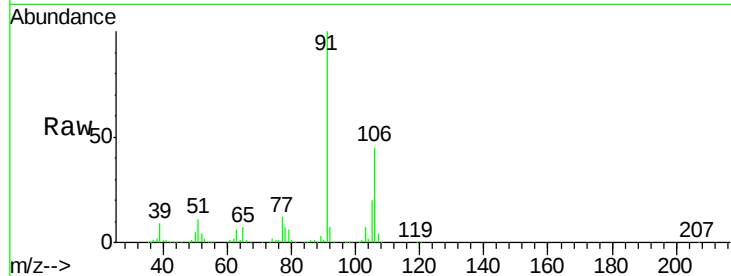
Tot Ion:104 Resp: 5185

Ion Ratio Lower Upper

104 100

78 261.9 41.0 61.6#

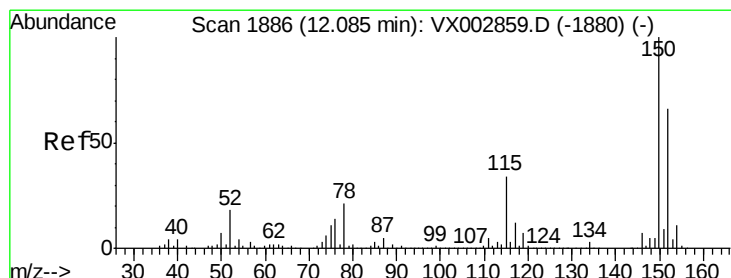
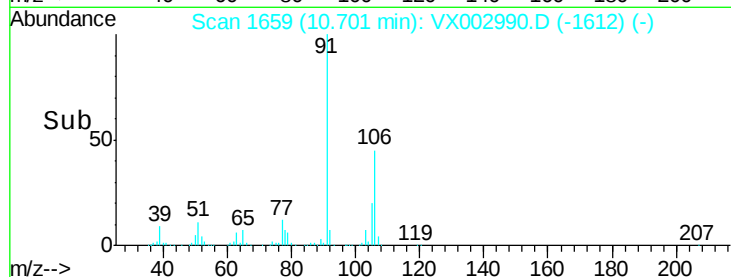
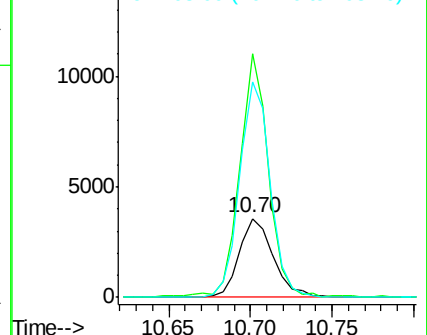
103 245.0 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

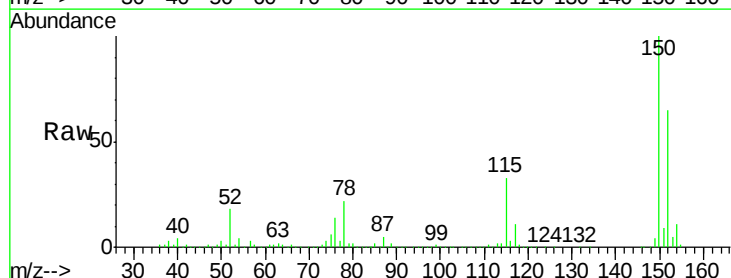
Tgt Ion:152 Resp: 209795

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

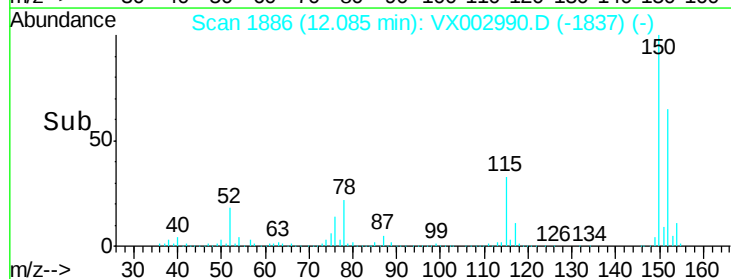
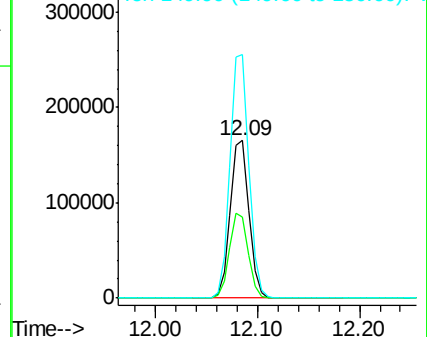
150 155.2 0.0 347.2

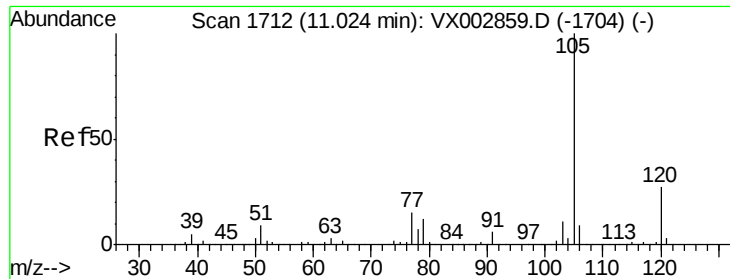


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.75 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

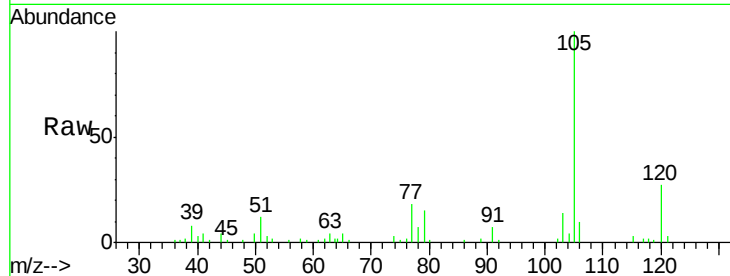
QNWP8-26S-GW

Tot Ion: 105 Resp: 10601

Ion Ratio Lower Upper

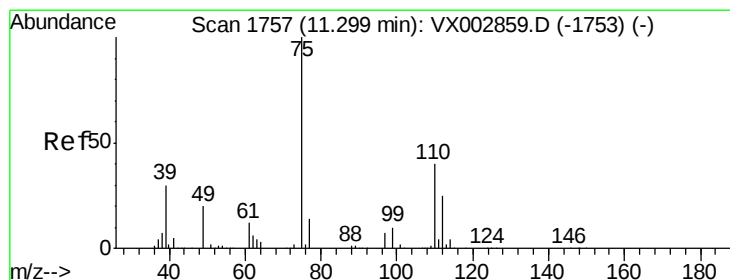
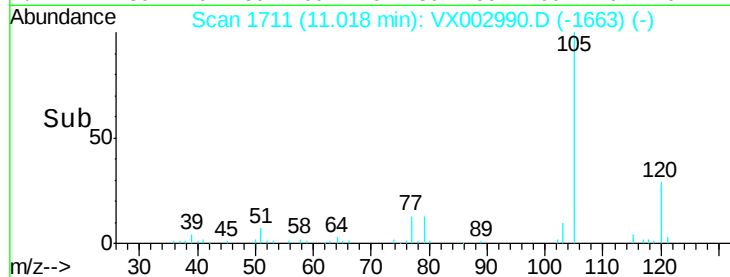
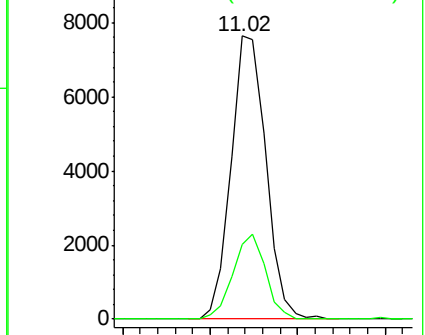
105 100

120 27.9 13.5 40.4



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: 26.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002990.D

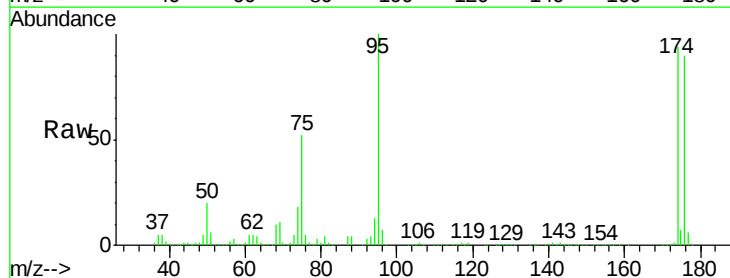
Acq: 28 Jun 2018 17:27

Tgt Ion: 75 Resp: 99193

Ion Ratio Lower Upper

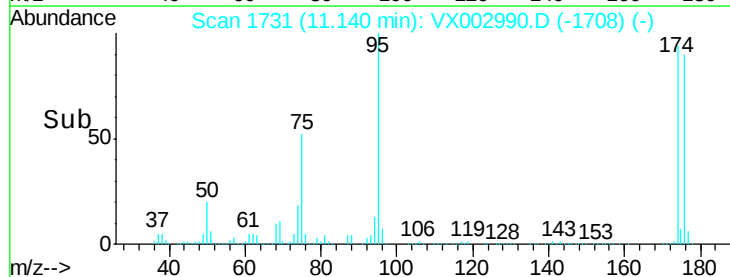
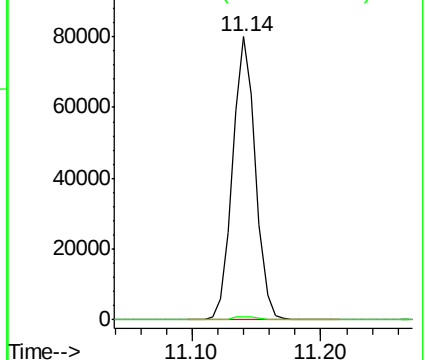
75 100

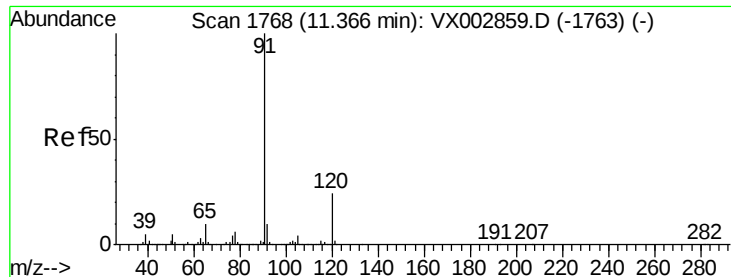
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

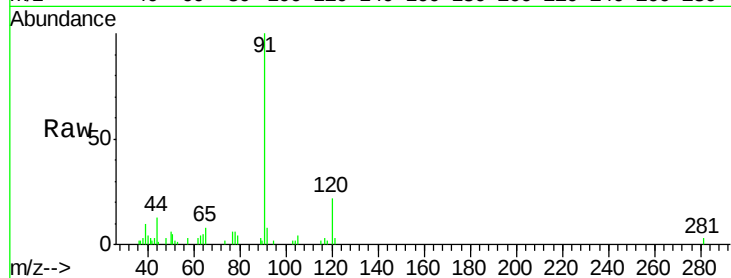
QNWP8-26S-GW

Tot Ion: 91 Resp: 5294

Ion Ratio Lower Upper

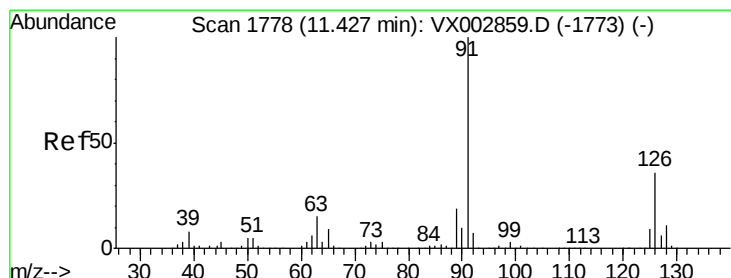
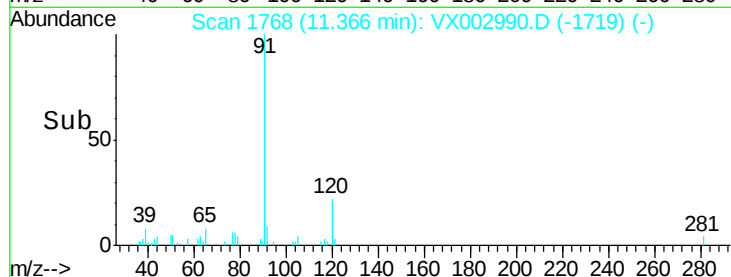
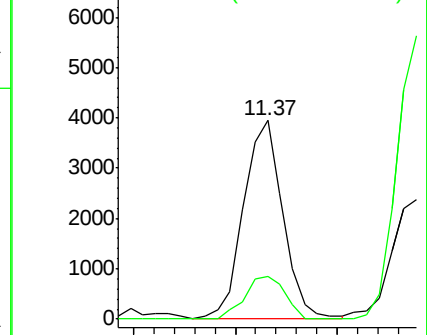
91 100

120 21.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.50 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002990.D

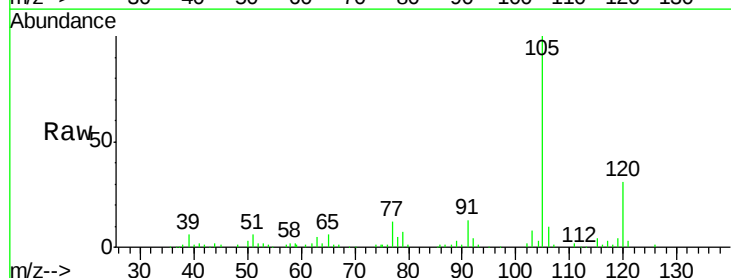
Acq: 28 Jun 2018 17:27

Tgt Ion: 91 Resp: 4854

Ion Ratio Lower Upper

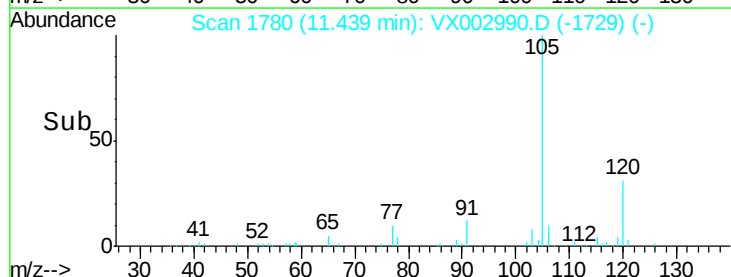
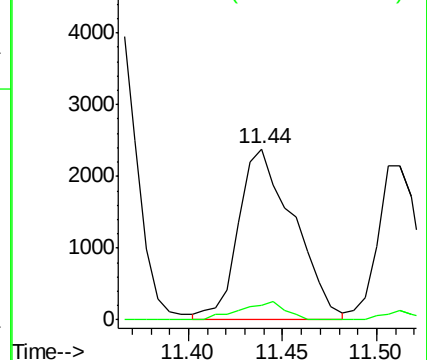
91 100

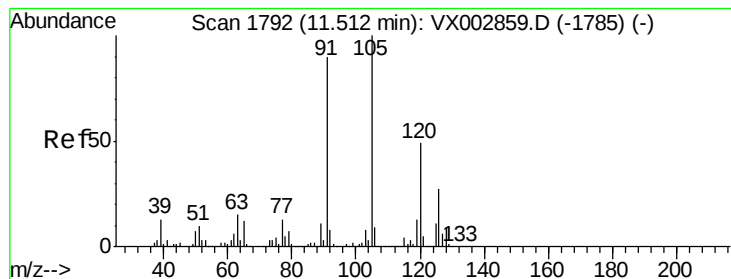
126 8.6 17.7 53.1#



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: 1.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

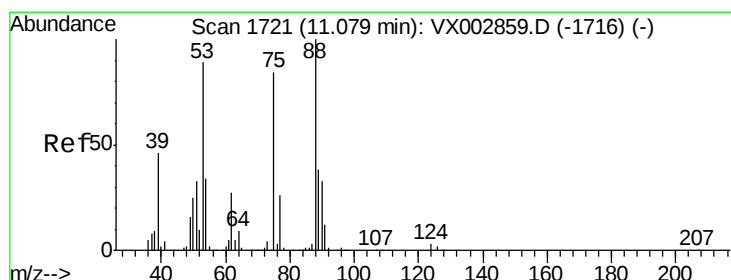
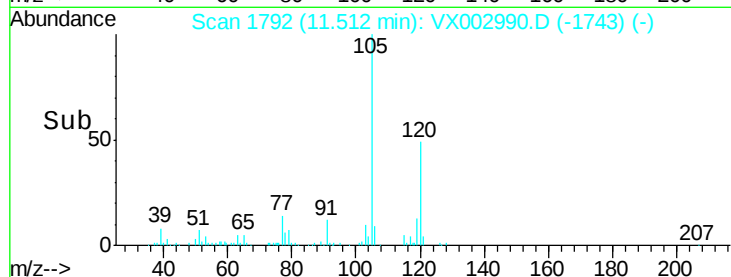
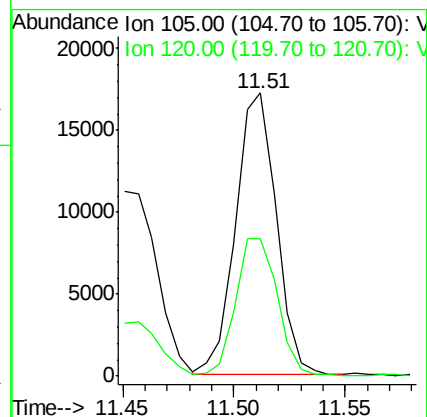
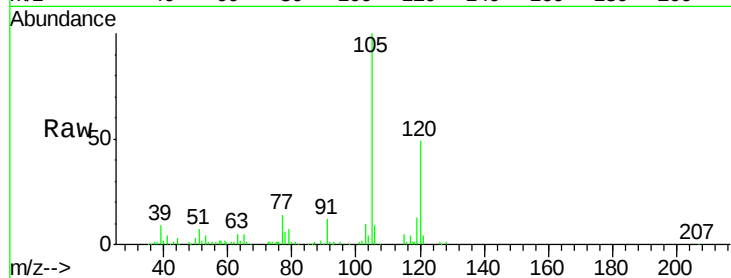
QNWP8-26S-GW

Tot Ion:105 Resp: 21839

Ion Ratio Lower Upper

105 100

120 50.6 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 74.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

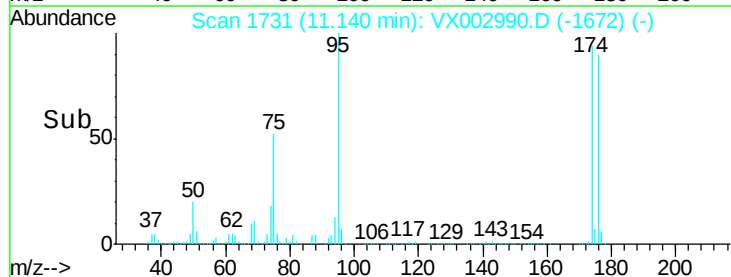
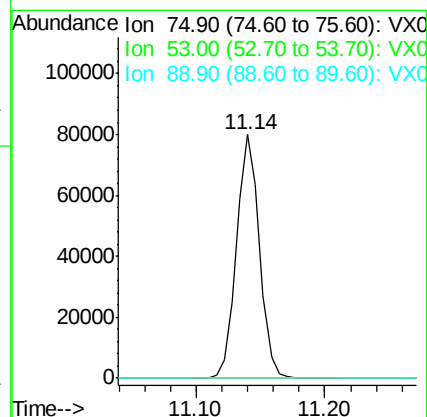
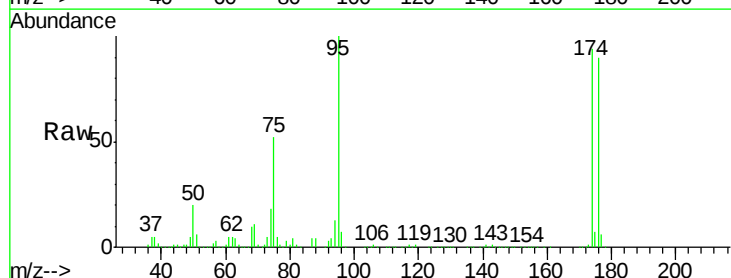
Tgt Ion: 75 Resp: 99193

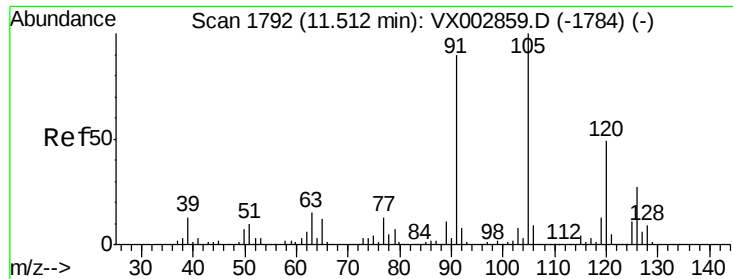
Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#

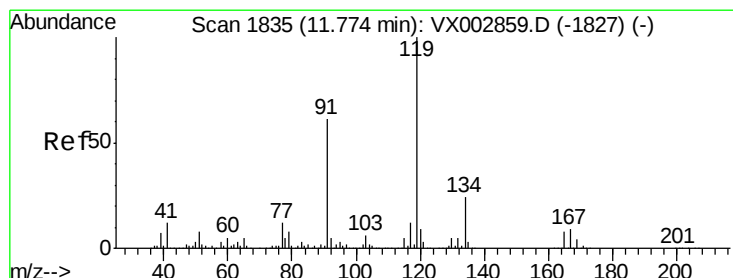
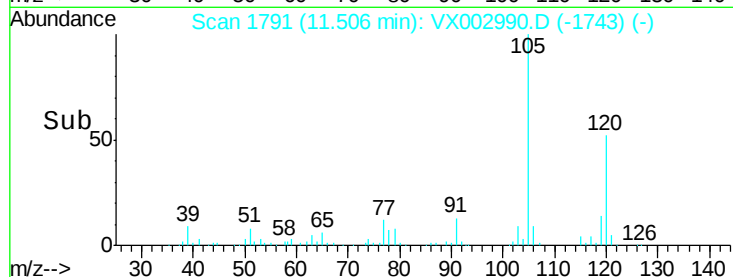
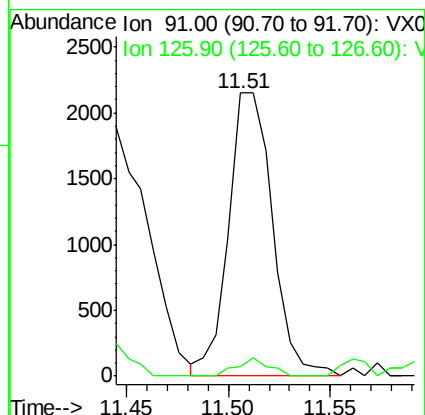
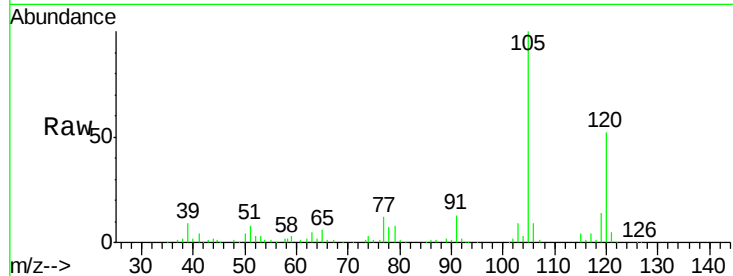




#82
4-Chlorotoluene
Concen: 0.28 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

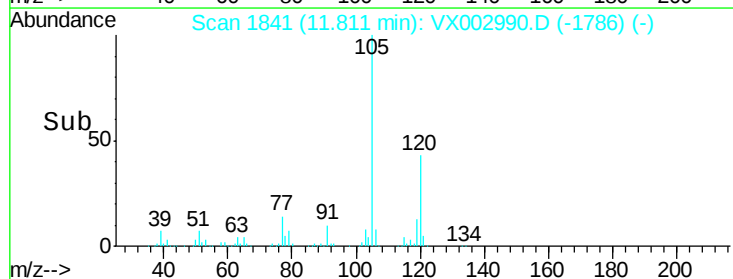
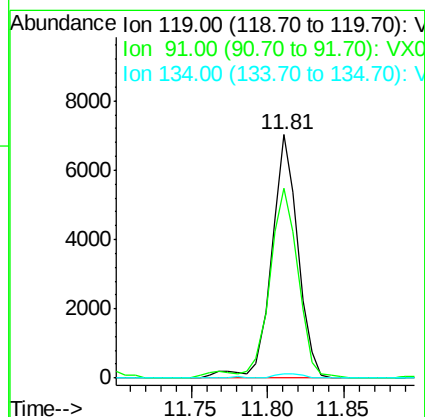
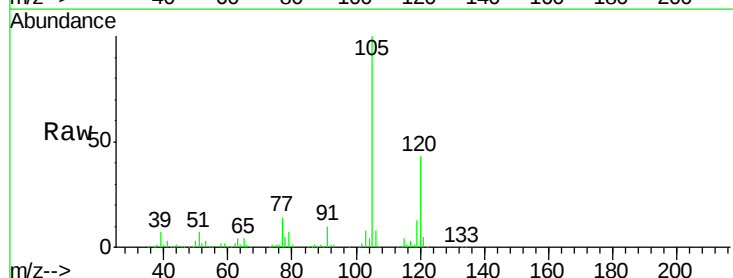
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

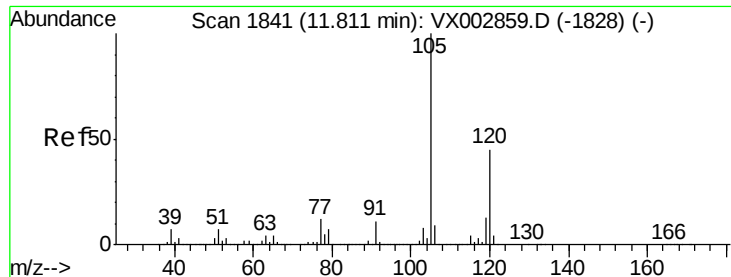
Tot Ion: 91 Resp: 3211
Ion Ratio Lower Upper
91 100
126 4.5 15.4 46.4#



#83
tert-Butylbenzene
Concen: 0.72 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 119 Resp: 8469
Ion Ratio Lower Upper
119 100
91 83.1 30.3 90.9
134 1.7 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 5.14 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002990.D

Acq: 28 Jun 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

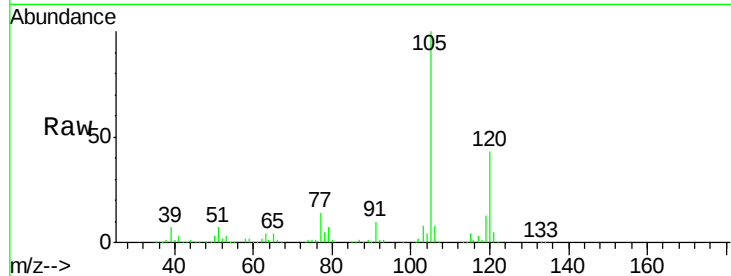
QNWP8-26S-GW

Tot Ion:105 Resp: 63280

Ion Ratio Lower Upper

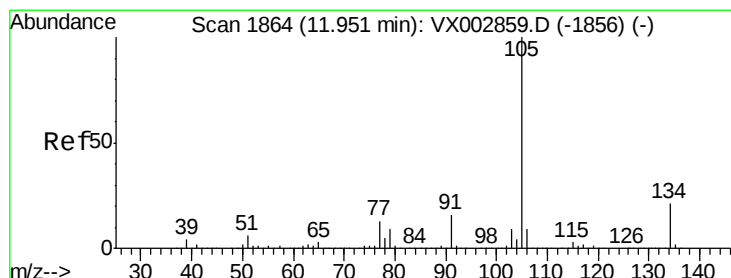
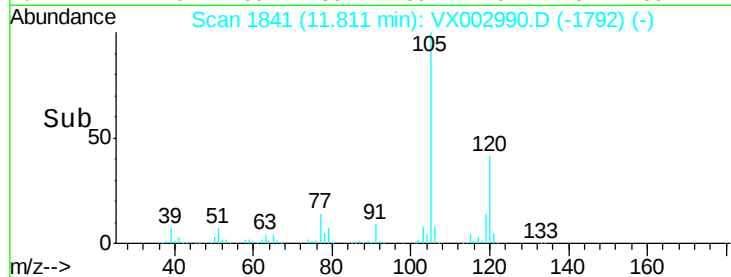
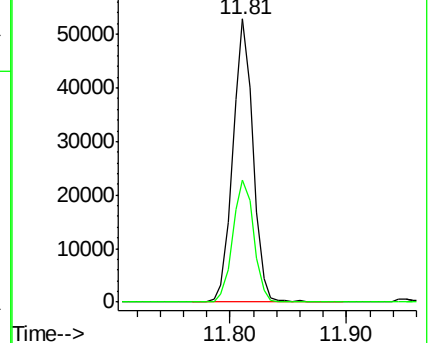
105 100

120 45.2 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 4.45 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX002990.D

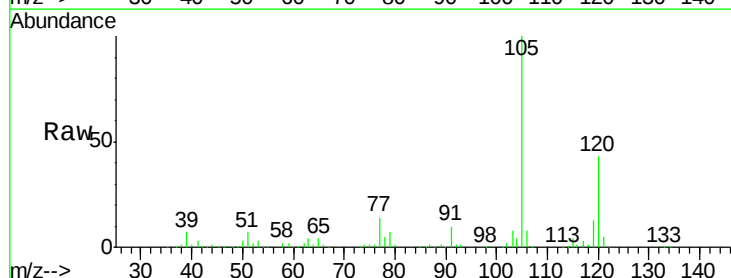
Acq: 28 Jun 2018 17:27

Tgt Ion:105 Resp: 63280

Ion Ratio Lower Upper

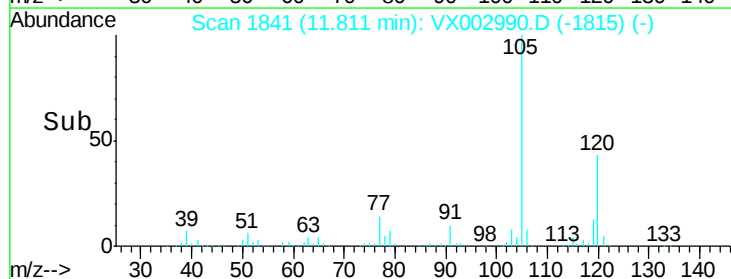
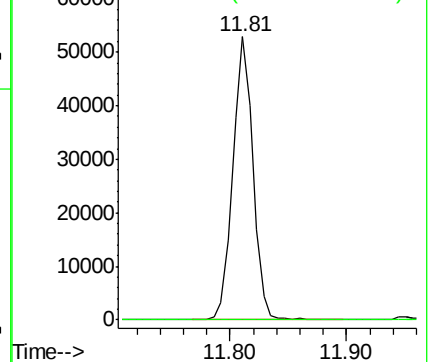
105 100

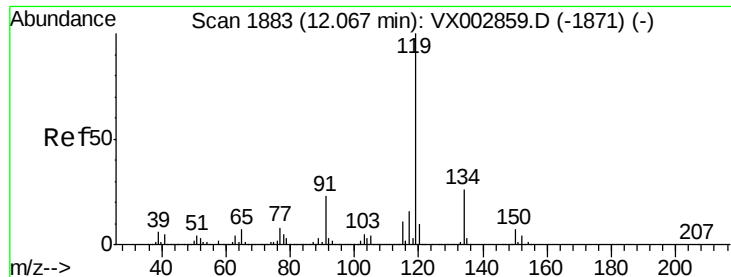
134 0.2 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

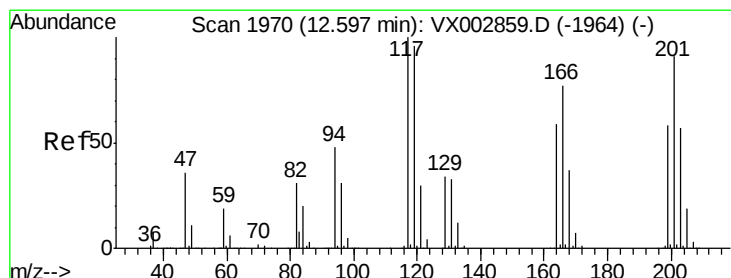
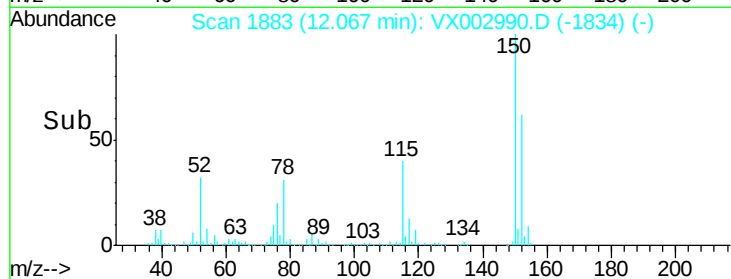
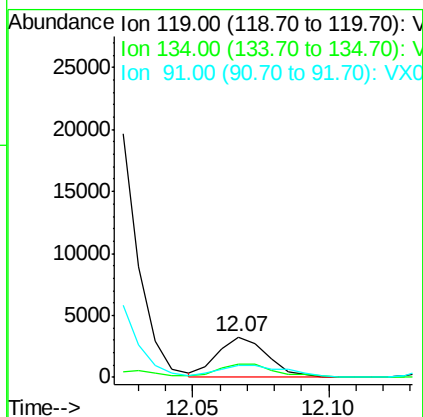
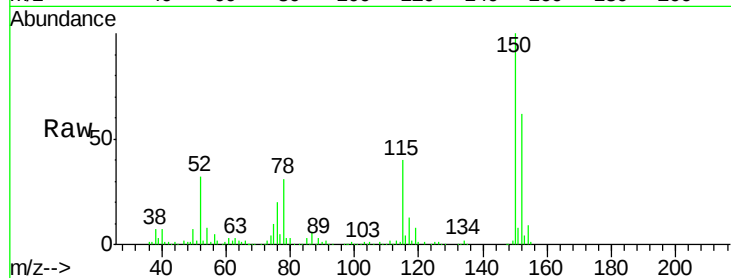




#86
p-Isopropyltoluene
Concen: 0.33 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

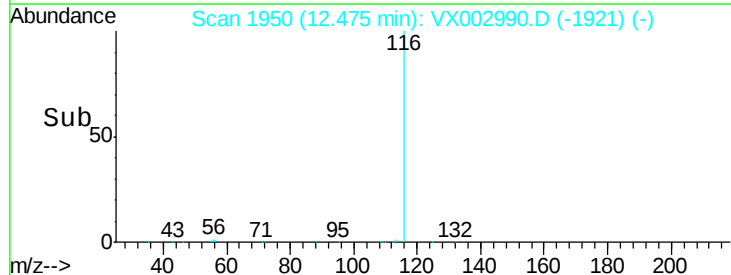
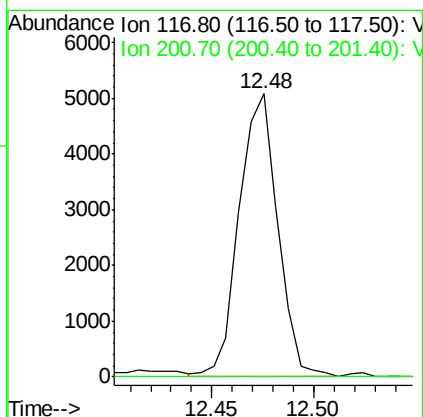
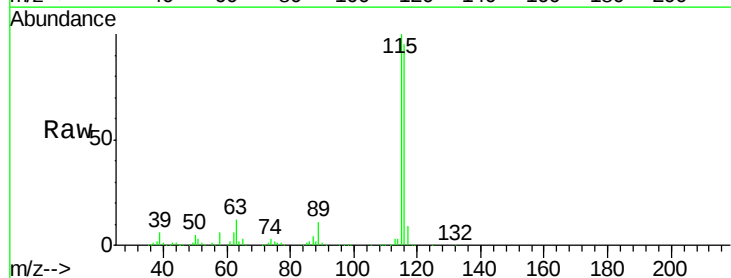
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

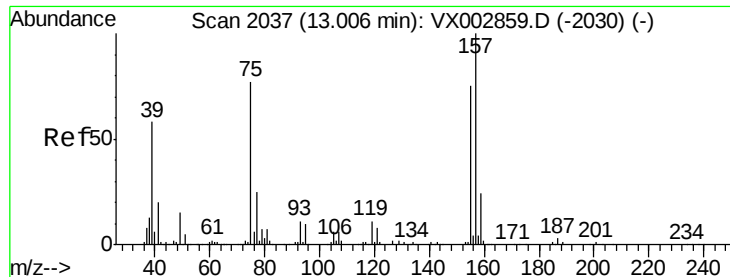
Tot Ion:119 Resp: 4171
Ion Ratio Lower Upper
119 100
134 38.2 13.4 40.1
91 41.8 11.9 35.7#



#90
Hexachloroethane
Concen: 3.51 ug/l
RT: 12.48 min Scan# 1950
Delta R.T. -0.12 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:117 Resp: 6675
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

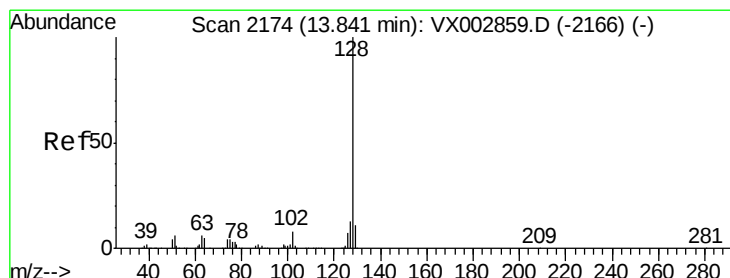
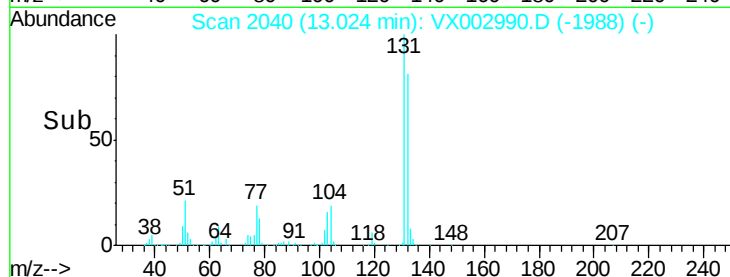
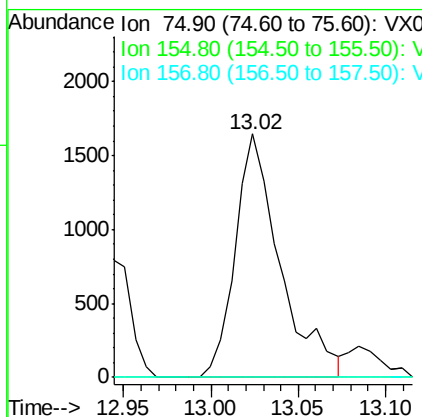
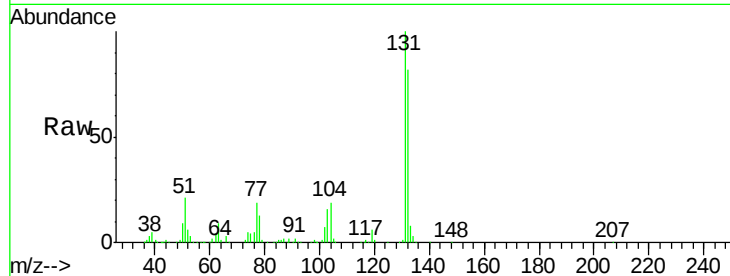




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.00 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002990.D
 Acq: 28 Jun 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-26S-GW

Tot Ion: 75 Resp: 2933
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 159.80 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002990.D
 Acq: 28 Jun 2018 17:27

Tgt Ion: 128 Resp: 2294944
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.1 8.6 13.0

