

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004901.D
 Acq On : 02 Oct 2018 05:45
 Operator : JC/MD
 Sample : J5155-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

Quant Time: Oct 02 06:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218219	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	167878	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
35) Dibromofluoromethane	5.50	113	143465	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	8.71	98	525970	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.14	95	204683	56.68	ug/l	0.00
Spiked Amount			Recovery	=	113.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	814	0.412	ug/l #	52
6) Chloroethane	1.71	64	500	Below Cal	#	44
11) Tert butyl alcohol	3.02	59	8475	9.872	ug/l #	81
16) Acetone	2.45	43	3689	2.058	ug/l	96
17) Carbon Disulfide	2.57	76	1843	0.263	ug/l #	78
19) Methyl tert-butyl Ether	3.21	73	1809	0.225	ug/l #	83
20) Methylene Chloride	2.86	84	2013	Below Cal		92
25) 2-Butanone	4.70	43	894	0.338	ug/l #	74
29) Tetrahydrofuran	5.17	42	915	0.557	ug/l #	65
31) Cyclohexane	5.58	56	3565	0.913	ug/l #	84
36) 1,1-Dichloropropene	5.66	75	15391	3.741	ug/l #	45
38) Carbon Tetrachloride	5.66	117	19203	4.441	ug/l #	15
39) Methylcyclohexane	7.46	83	5103	1.215	ug/l #	93
40) Benzene	6.15	78	93773	7.281	ug/l	97
42) 1,2-Dichloroethane	6.14	62	919	0.202	ug/l #	72
49) 1,4-Dioxane	7.76	88	23	0.259	ug/l #	1
52) Toluene	8.79	92	20822	2.942	ug/l	95
56) Ethyl methacrylate	9.15	69	68	2.875	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.33	63	20	14.249	ug/l #	45
67) Ethyl Benzene	10.26	91	665412	46.370	ug/l	98
68) m/p-Xylenes	10.36	106	164055	29.256	ug/l	94
69) o-Xylene	10.70	106	79201	15.377	ug/l	95
70) Styrene	10.70	104	4727	2.610	ug/l #	1
73) Isopropylbenzene	11.02	105	67796	4.929	ug/l	99
74) N-amyl acetate	10.91	43	198	1.773	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	100737	20.596	ug/l #	37
78) n-propylbenzene	11.36	91	26131	1.656	ug/l	97
79) 2-Chlorotoluene	11.43	91	17611	1.790	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.51	105	122695	9.573	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	100737	55.928	ug/l #	10
82) 4-Chlorotoluene	11.51	91	12978	1.121	ug/l #	44
83) tert-Butylbenzene	12.02	119	28893	2.551	ug/l	70
84) 1,2,4-Trimethylbenzene	11.81	105	322900	24.737	ug/l	98
85) sec-Butylbenzene	11.81	105	322900	23.409	ug/l #	55

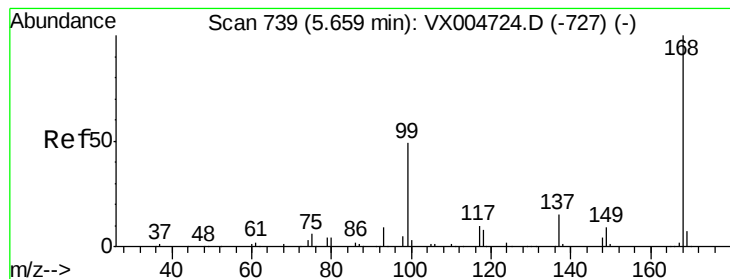
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.07	119	6744	0.540	ug/l #	74
89) n-Butylbenzene	12.30	91	235751	20.771	ug/l #	42
90) Hexachloroethane	12.76	117	54143	26.021	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	13737	11.174	ug/l #	1
95) Naphthalene	13.83	128	12913188	701.895	ug/l #	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

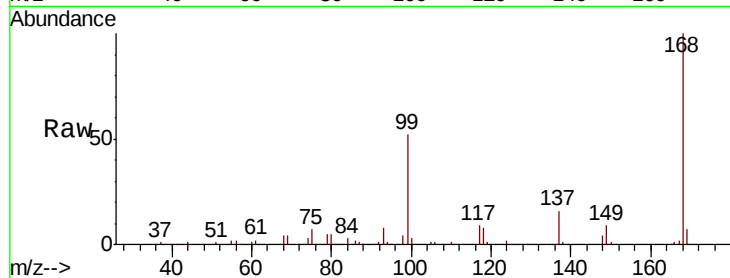
QNWP8-MW30D-GW

Tot Ion:168 Resp: 214926

Ion Ratio Lower Upper

168 100

99 51.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

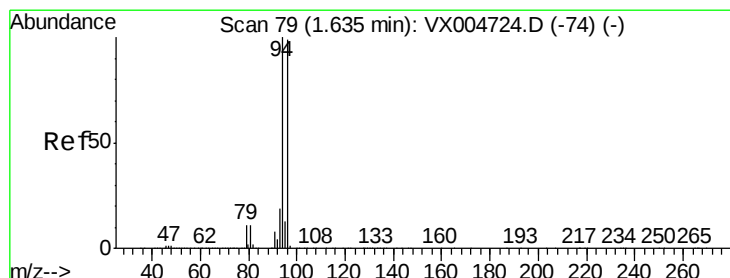
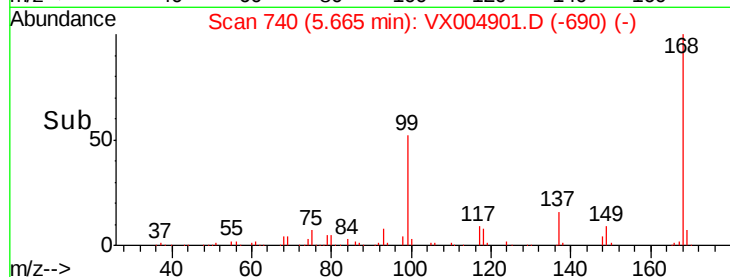
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.412 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004901.D

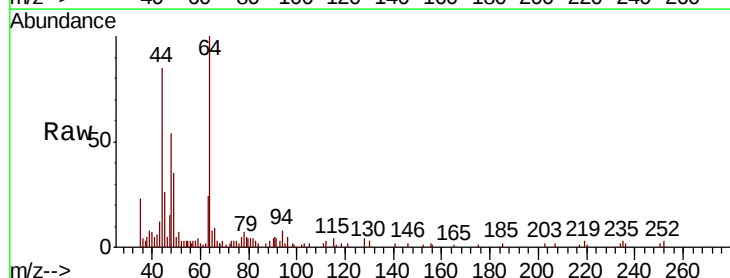
Acq: 02 Oct 2018 05:45

Tgt Ion: 94 Resp: 814

Ion Ratio Lower Upper

94 100

96 46.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

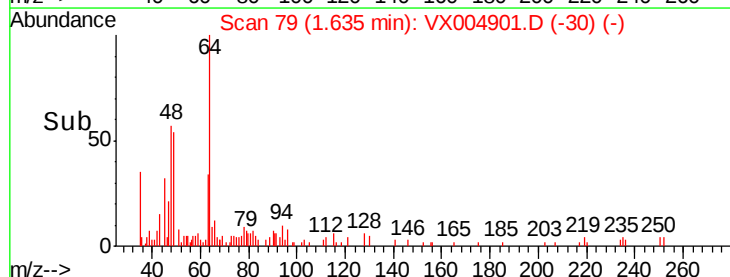
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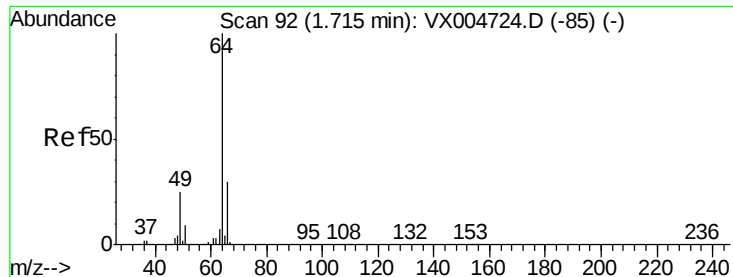
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

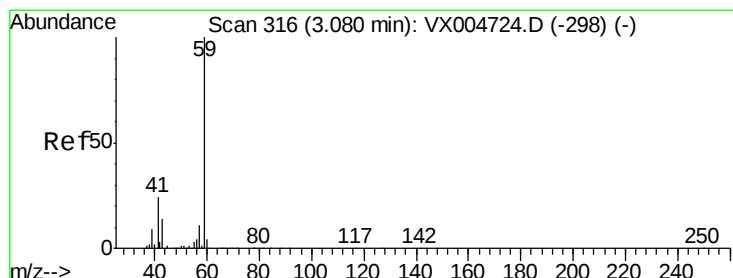
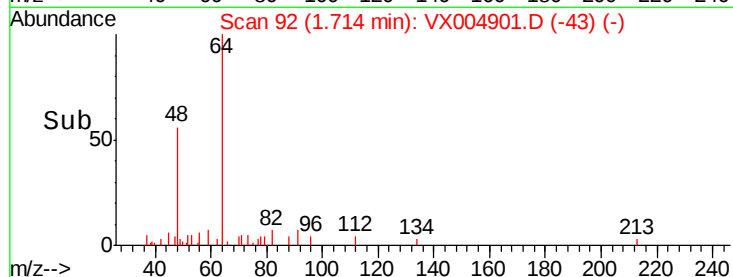
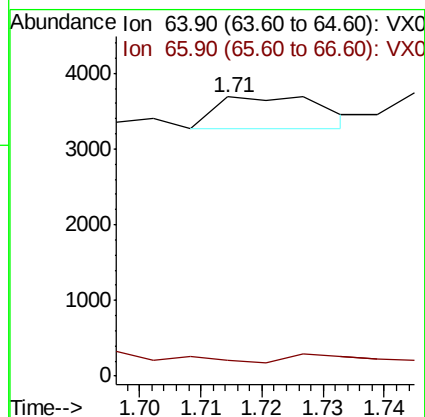
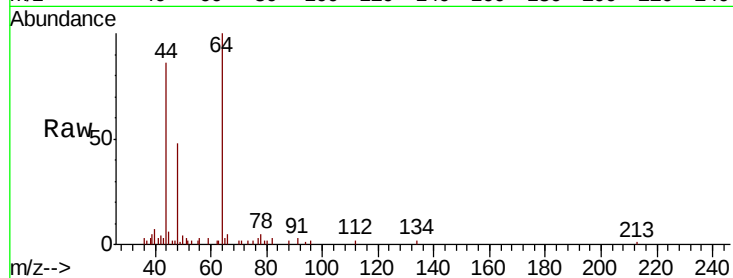
QNWP8-MW30D-GW

Tot Ion: 64 Resp: 500

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



#11

Tert butyl alcohol

Concen: 9.872 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004901.D

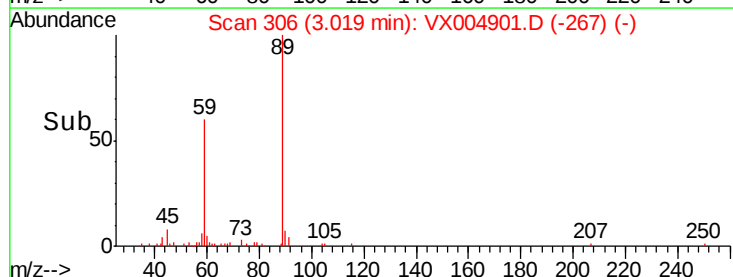
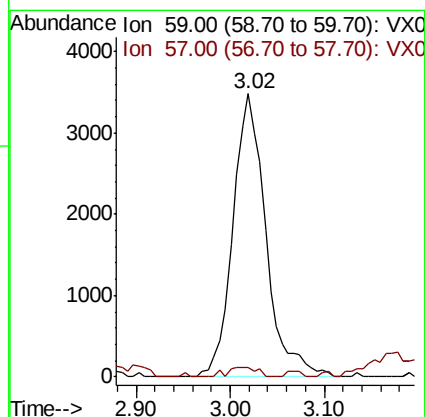
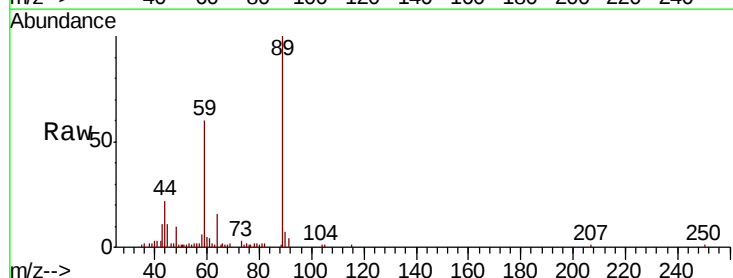
Acq: 02 Oct 2018 05:45

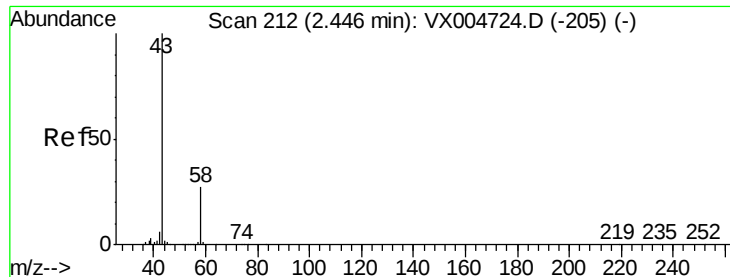
Tgt Ion: 59 Resp: 8475

Ion Ratio Lower Upper

59 100

57 3.1 8.2 12.4#





#16

Acetone

Concen: 2.058 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

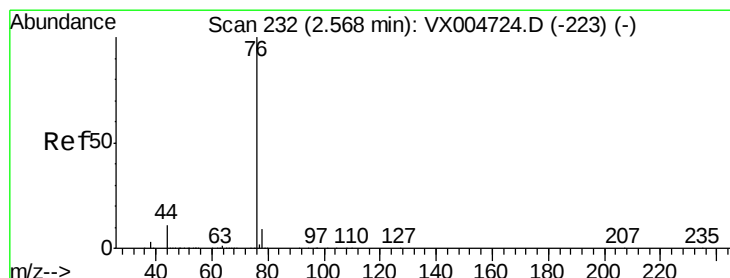
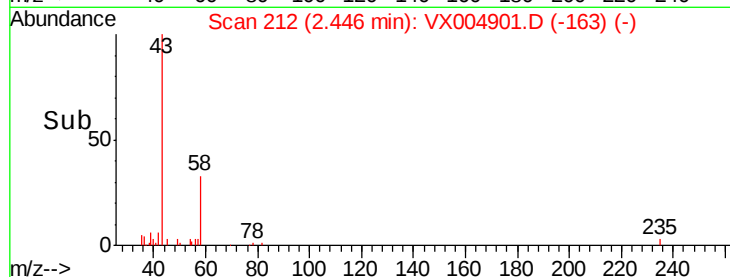
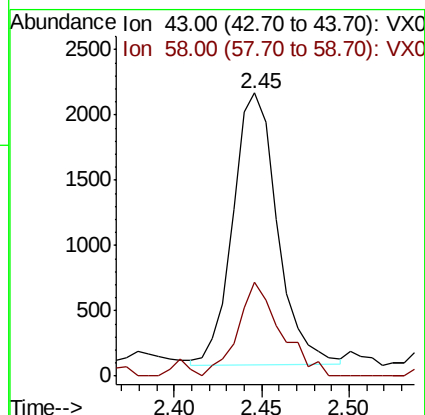
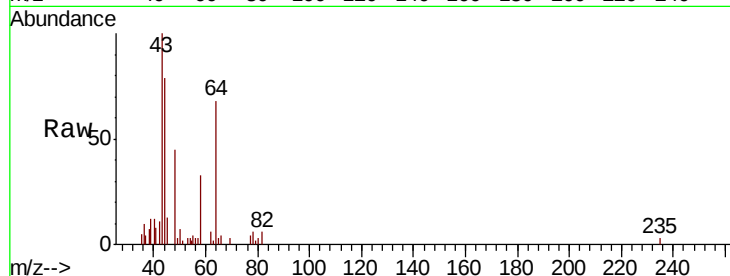
QNWP8-MW30D-GW

Tot Ion: 43 Resp: 3689

Ion Ratio Lower Upper

43 100

58 35.3 26.2 39.4



#17

Carbon Disulfide

Concen: 0.263 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004901.D

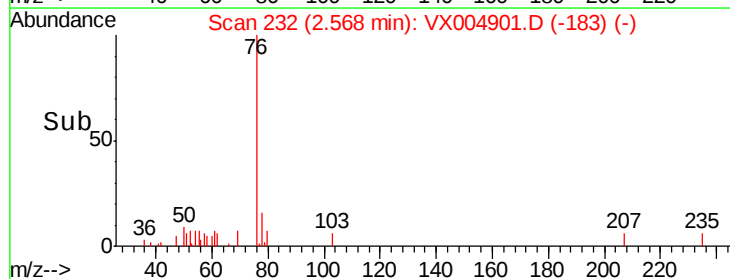
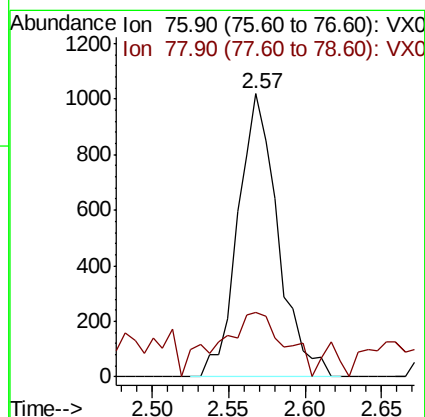
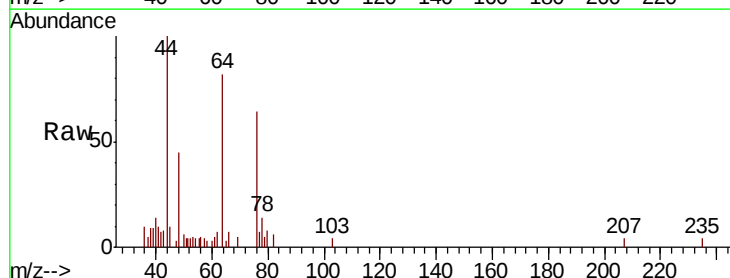
Acq: 02 Oct 2018 05:45

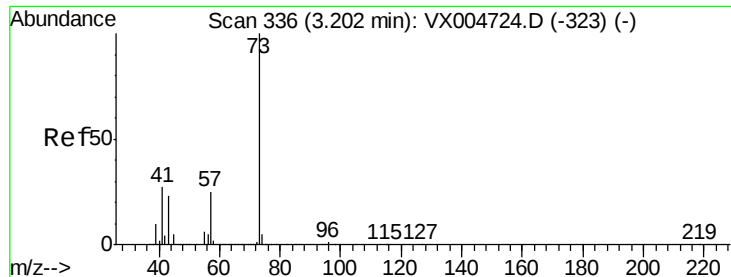
Tgt Ion: 76 Resp: 1843

Ion Ratio Lower Upper

76 100

78 16.9 7.0 10.6#





#19

Methyl tert-butyl Ether

Concen: 0.225 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

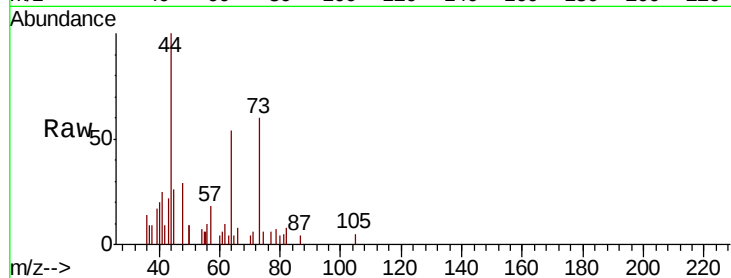
QNWP8-MW30D-GW

Tot Ion: 73 Resp: 1809

Ion Ratio Lower Upper

73 100

57 29.3 17.1 25.7#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

800

600

400

200

0

Time-->

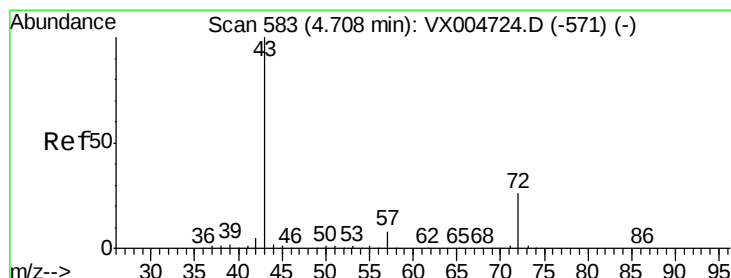
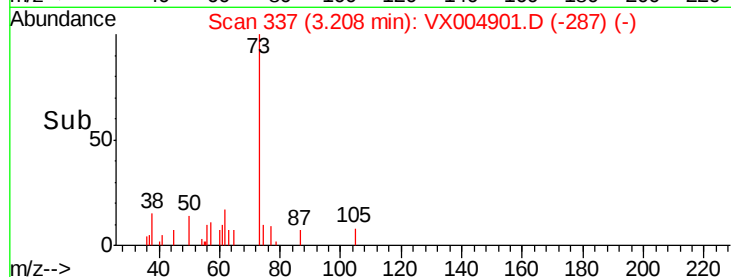
3.10

3.15

3.20

3.25

3.30



#25

2-Butanone

Concen: 0.338 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004901.D

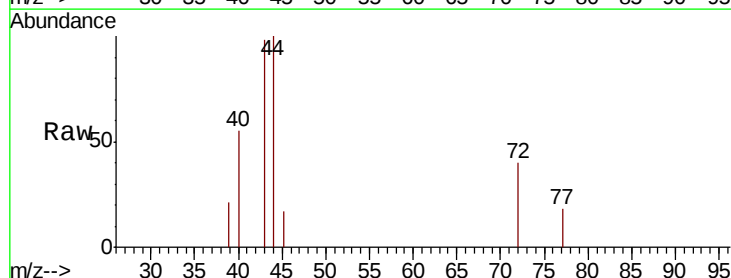
Acq: 02 Oct 2018 05:45

Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

72 41.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

300

200

100

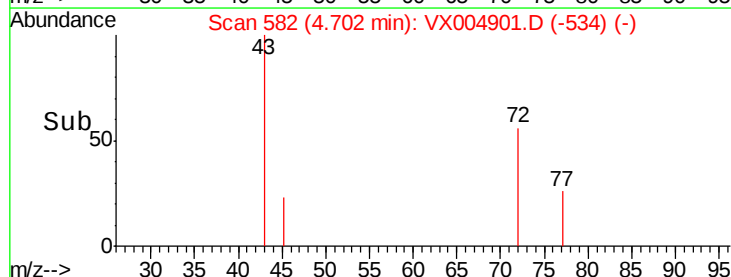
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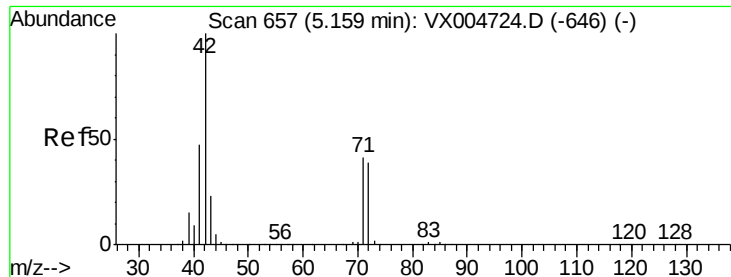
Time-->

4.65

4.70

4.75





#29

Tetrahydrofuran

Concen: 0.557 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

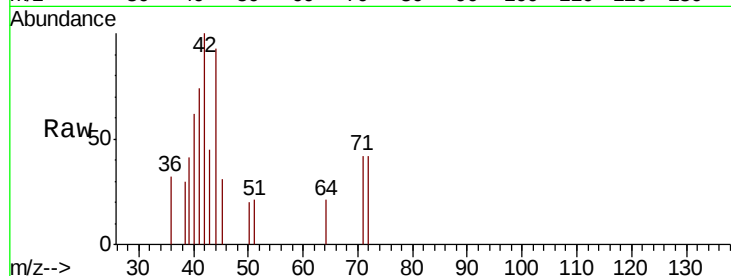
Tot Ion: 42 Resp: 915

Ion Ratio Lower Upper

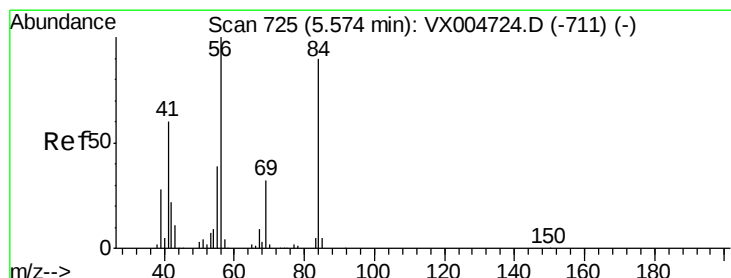
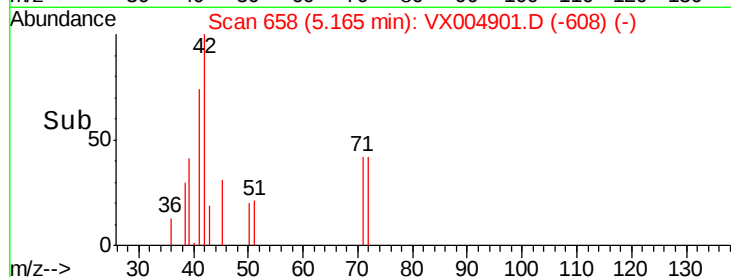
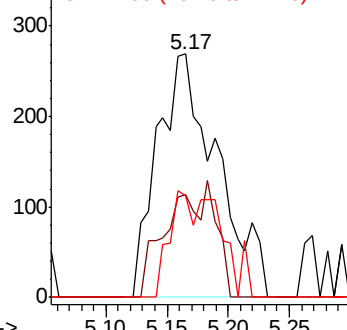
42 100

72 26.9 37.4 56.0#

71 17.2 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.913 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

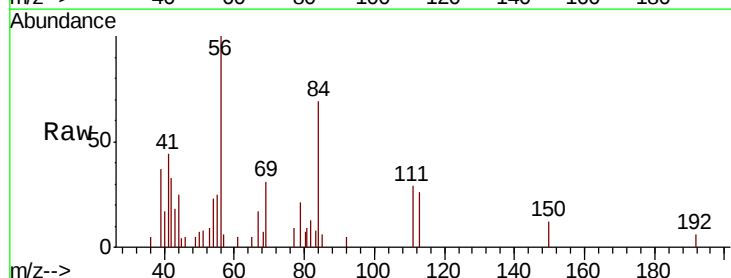
Tgt Ion: 56 Resp: 3565

Ion Ratio Lower Upper

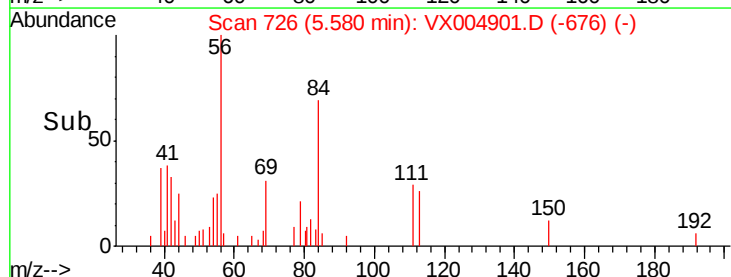
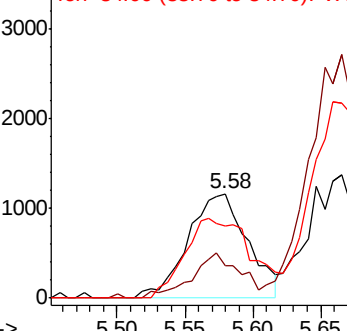
56 100

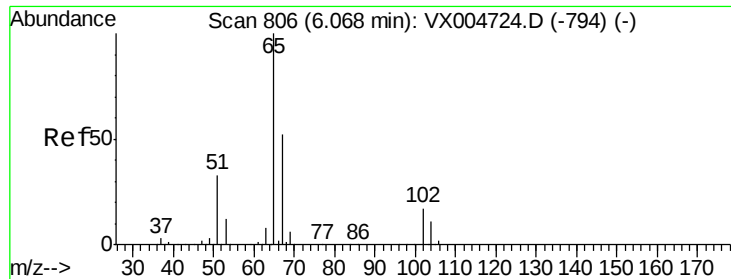
69 30.9 25.4 38.2

84 69.4 71.4 107.2#



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

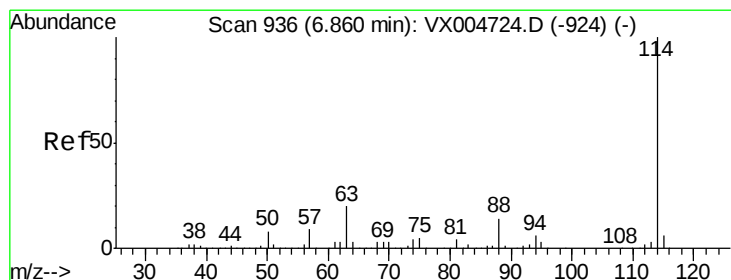
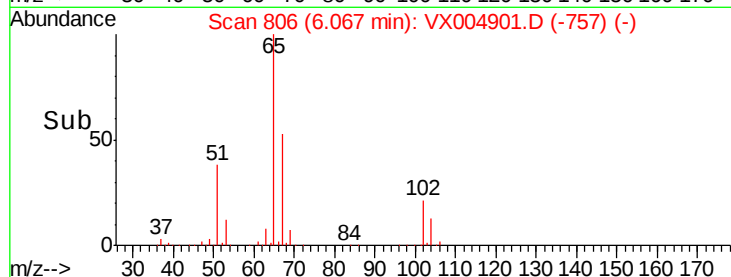
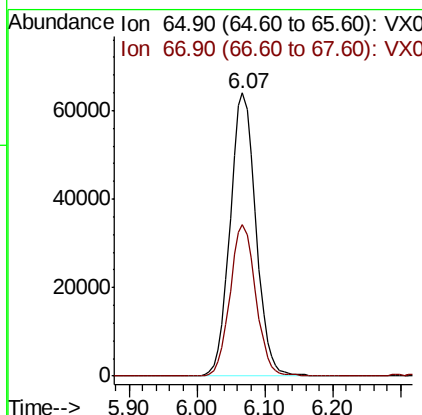
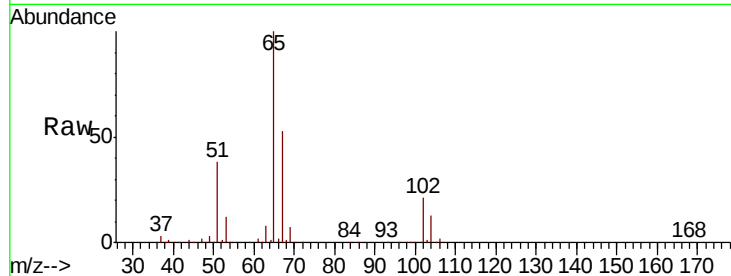




#33
 1,2-Dichloroethane-d4
 Concen: 54.679 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

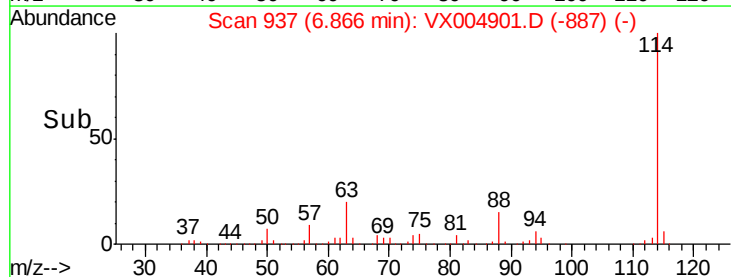
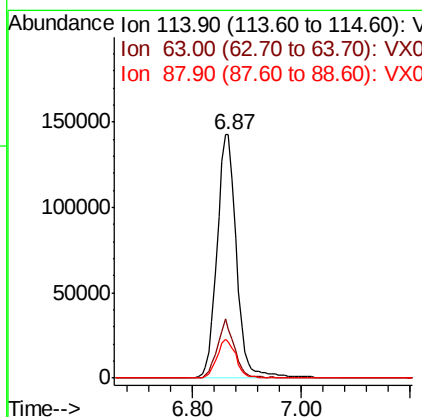
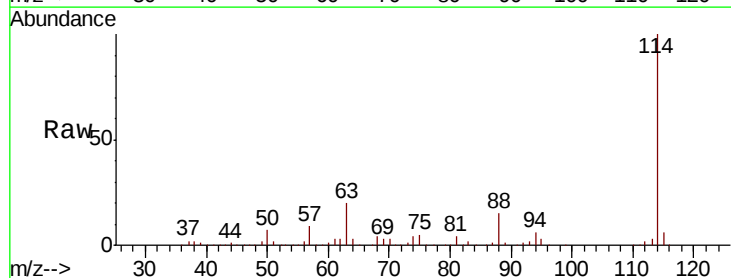
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

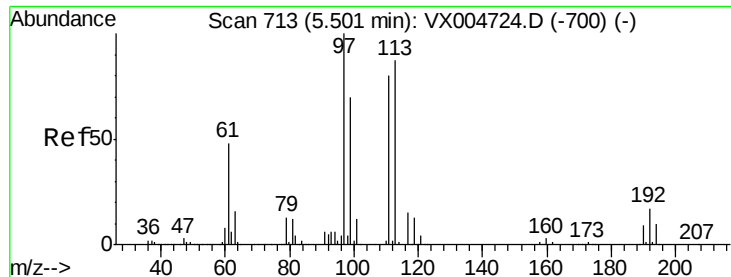
Tot Ion: 65 Resp: 167878
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

Tgt Ion: 114 Resp: 355751
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.0 0.0 30.4

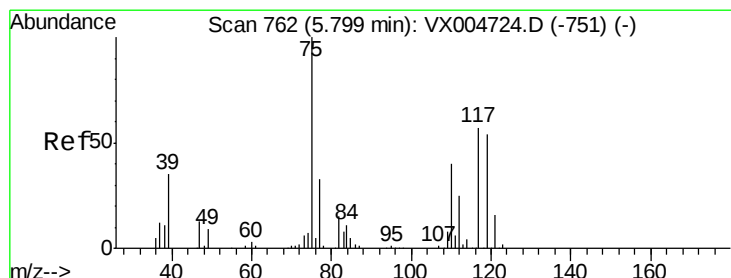
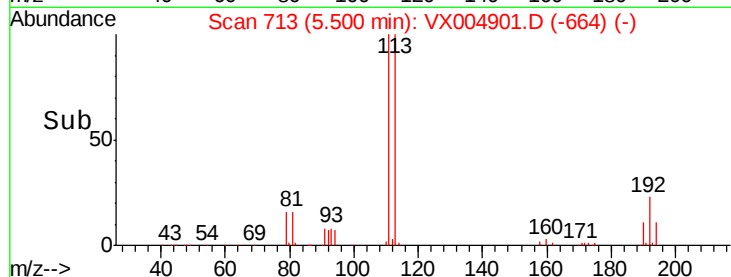
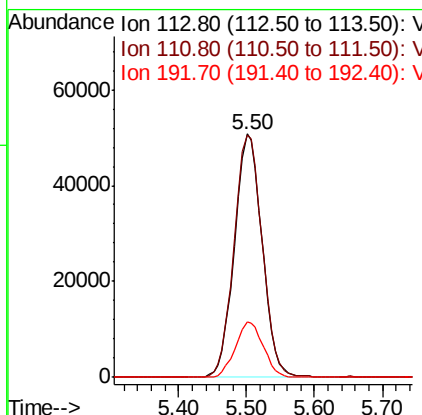
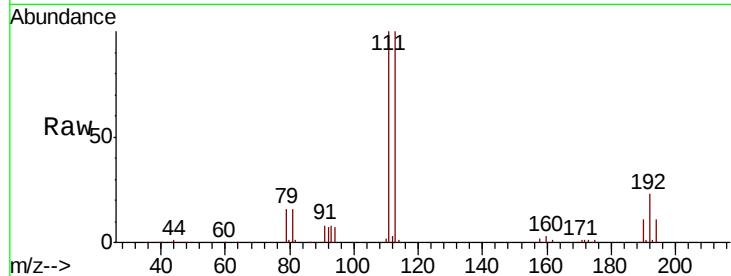




#35
 Dibromofluoromethane
 Concen: 47.583 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

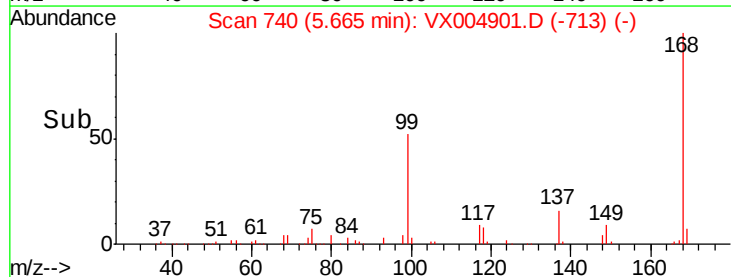
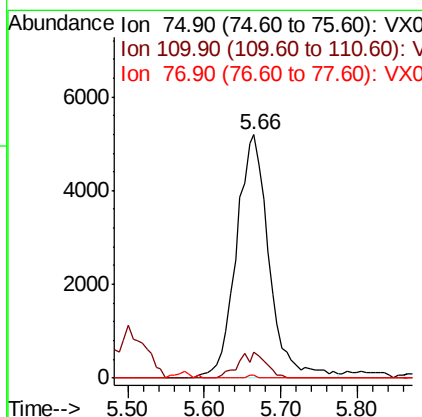
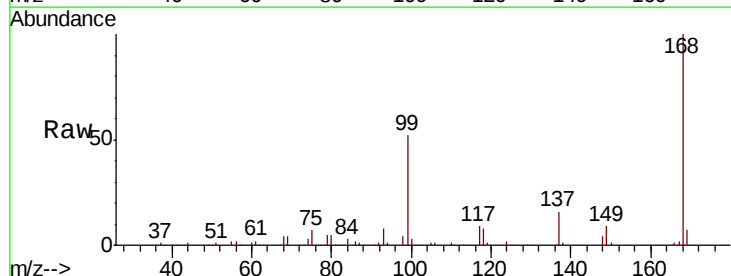
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

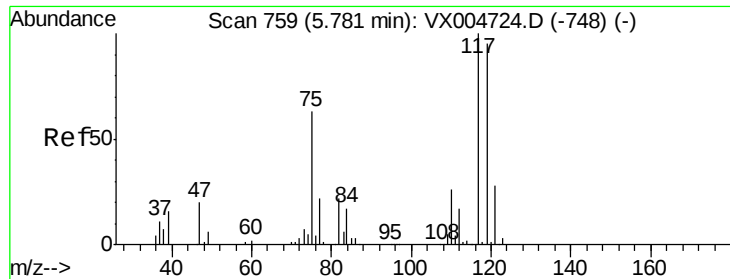
Tot Ion:113 Resp: 143465
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 22.9 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.741 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

Tgt Ion: 75 Resp: 15391
 Ion Ratio Lower Upper
 75 100
 110 4.3 18.0 54.0#
 77 0.2 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.441 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

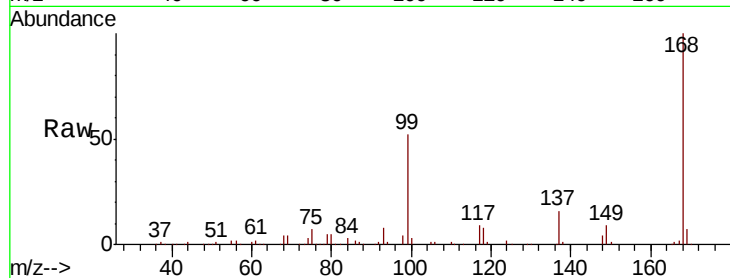
Tot Ion:117 Resp: 19203

Ion Ratio Lower Upper

117 100

119 5.6 78.8 118.2#

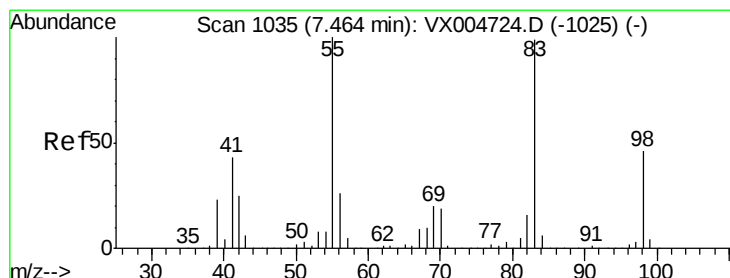
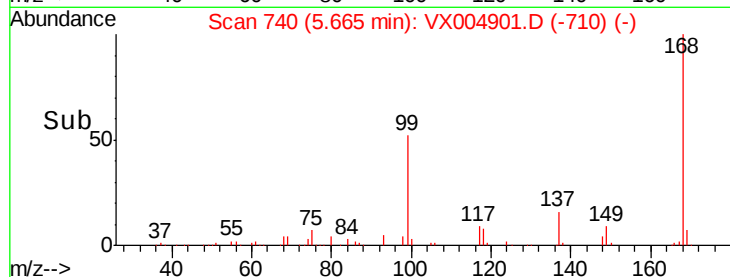
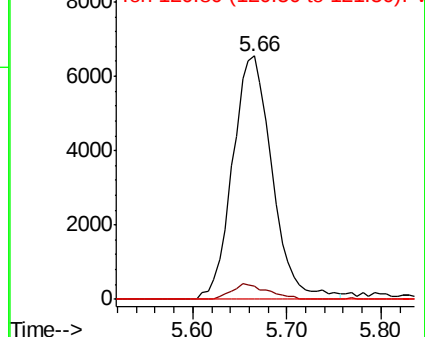
121 0.0 24.9 37.3#



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: 1.215 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

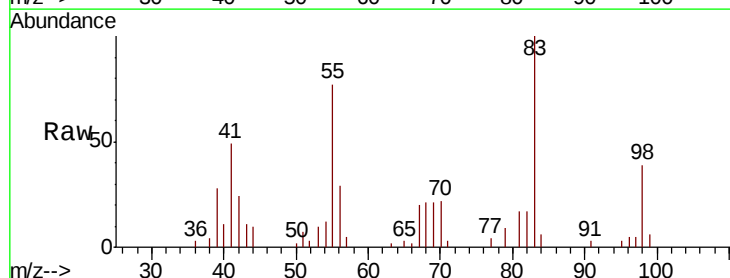
Tgt Ion: 83 Resp: 5103

Ion Ratio Lower Upper

83 100

55 74.2 61.0 91.4

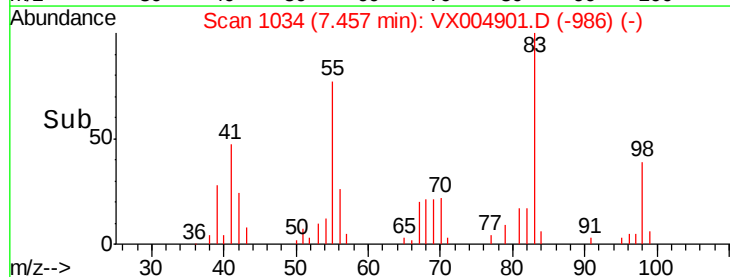
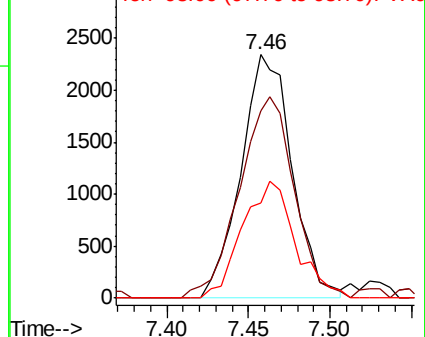
98 39.0 39.6 59.4#

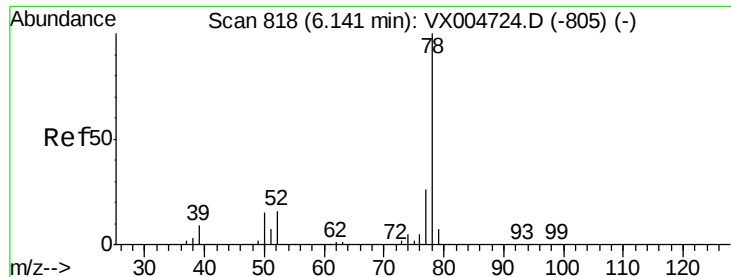


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 7.281 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

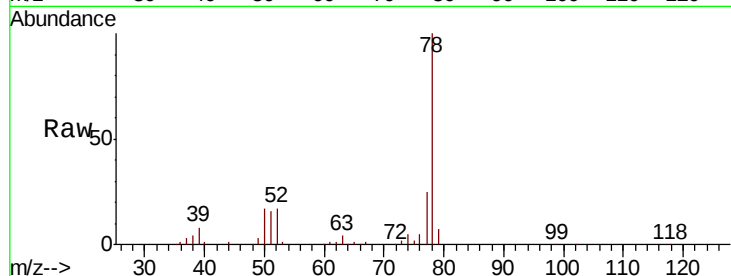
QNWP8-MW30D-GW

Tot Ion: 78 Resp: 93773

Ion Ratio Lower Upper

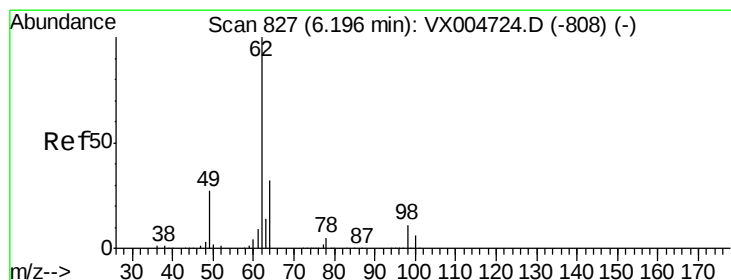
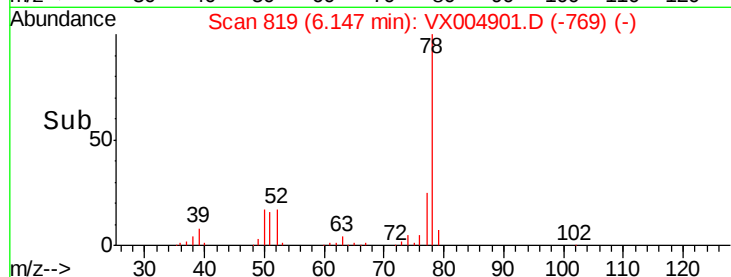
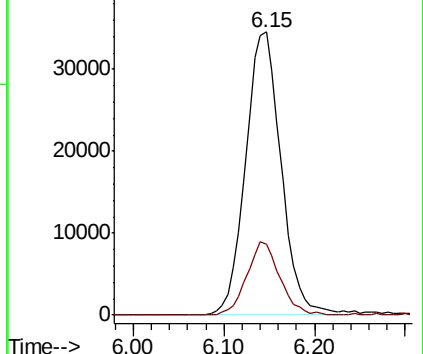
78 100

77 25.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.202 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.06 min

Lab File: VX004901.D

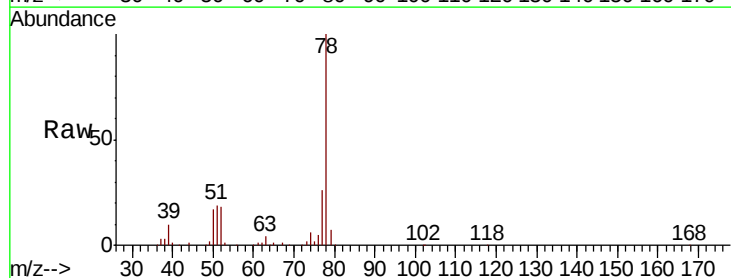
Acq: 02 Oct 2018 05:45

Tgt Ion: 62 Resp: 919

Ion Ratio Lower Upper

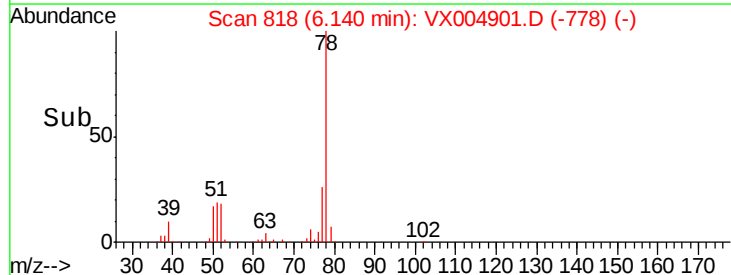
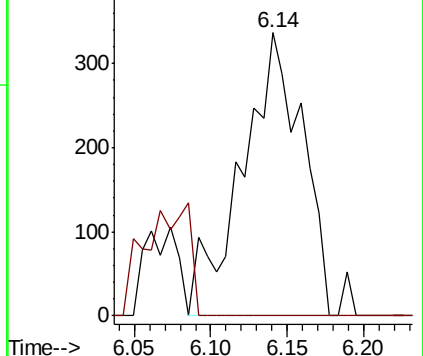
62 100

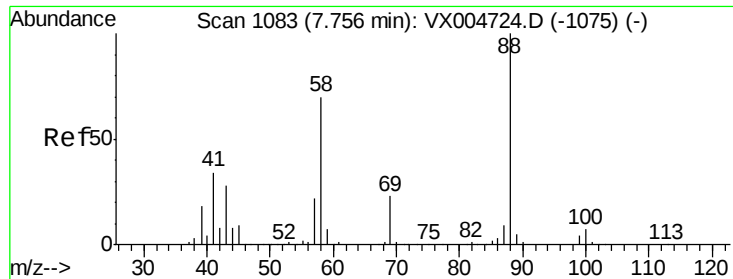
98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

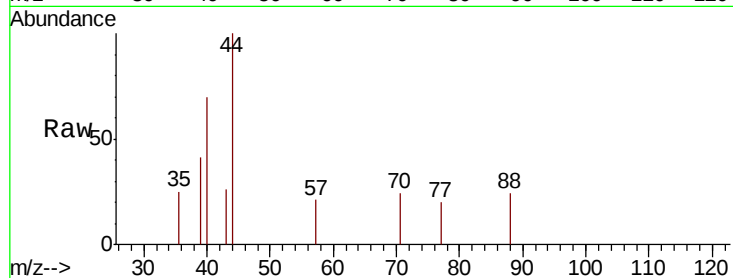




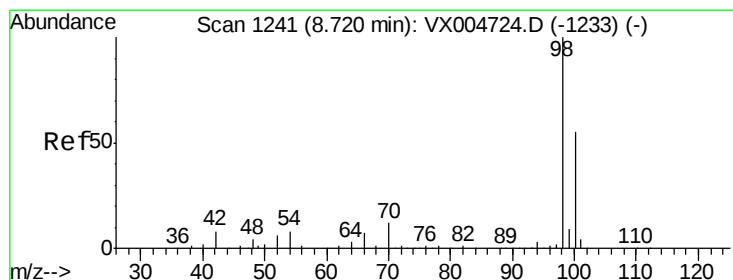
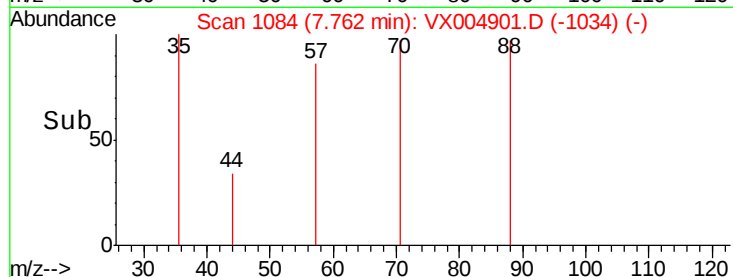
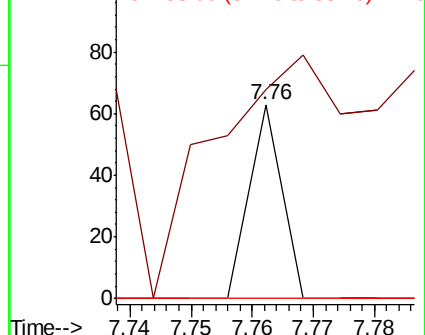
#49
1,4-Dioxane
Concen: 0.259 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 491.3 24.7 37.1#
58 0.0 55.3 82.9#

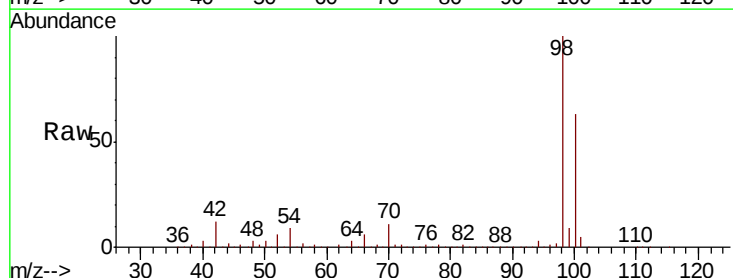


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

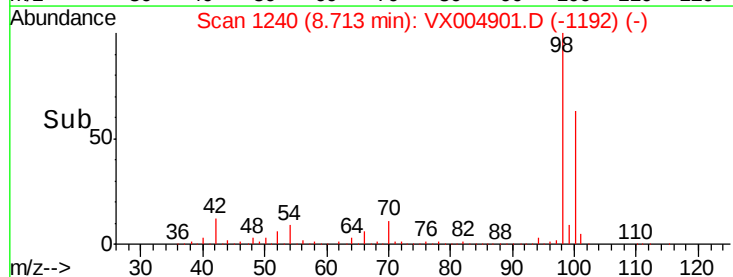
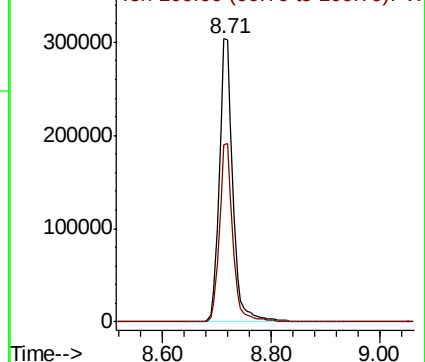


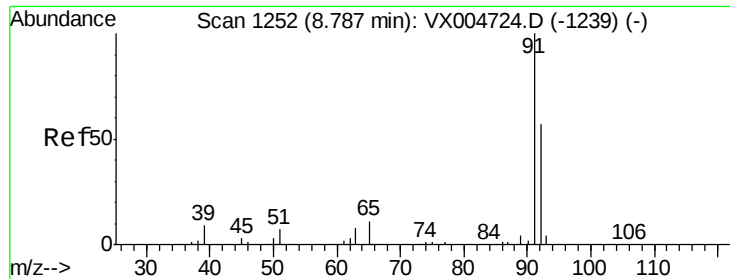
#50
Toluene-d8
Concen: 52.474 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion: 98 Resp: 525970
Ion Ratio Lower Upper
98 100
100 62.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.942 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

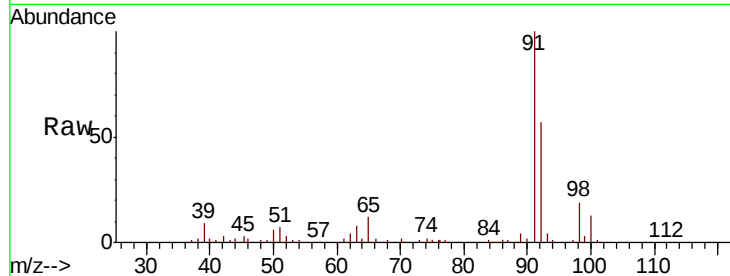
QNWP8-MW30D-GW

Tot Ion: 92 Resp: 20822

Ion Ratio Lower Upper

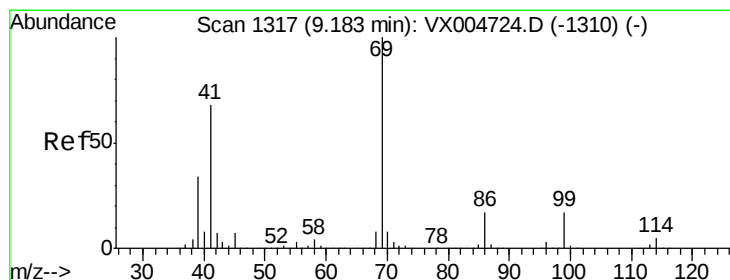
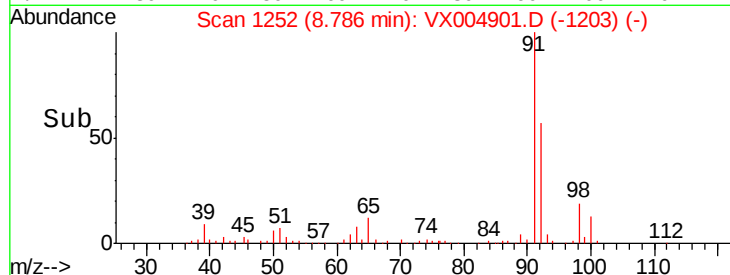
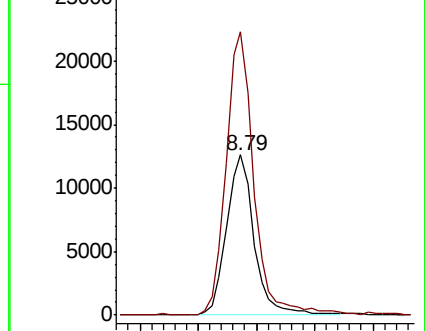
92 100

91 176.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 2.875 ug/l

RT: 9.15 min Scan# 1312

Delta R.T. -0.03 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

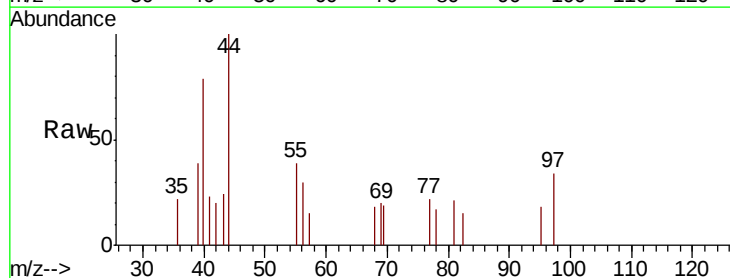
Tgt Ion: 69 Resp: 68

Ion Ratio Lower Upper

69 100

41 273.5 51.0 76.4#

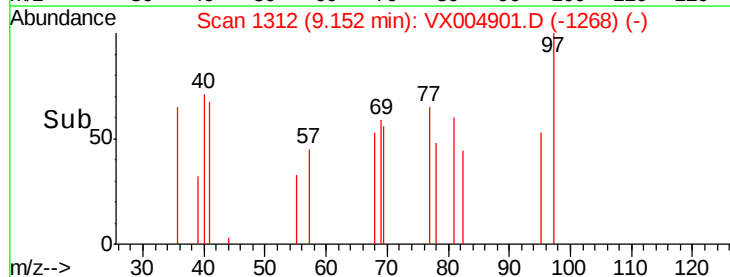
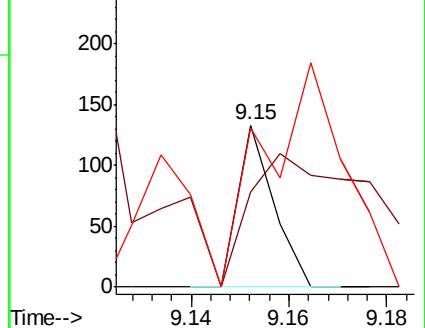
39 307.4 26.1 39.1#

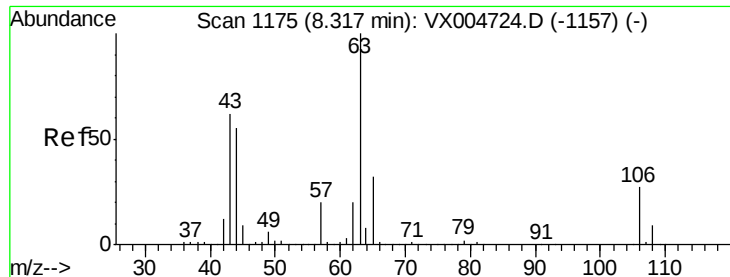


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

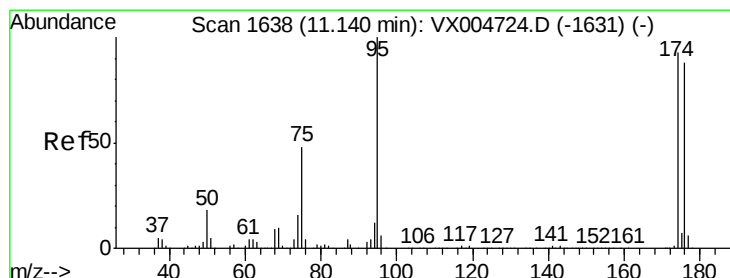
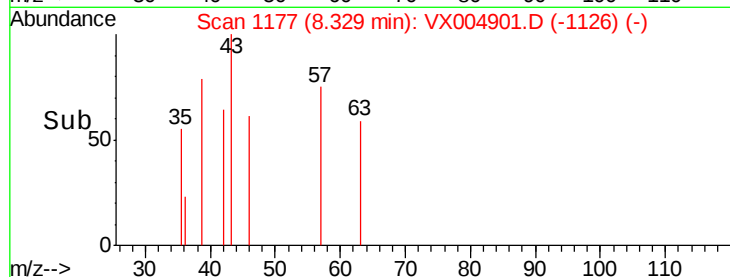
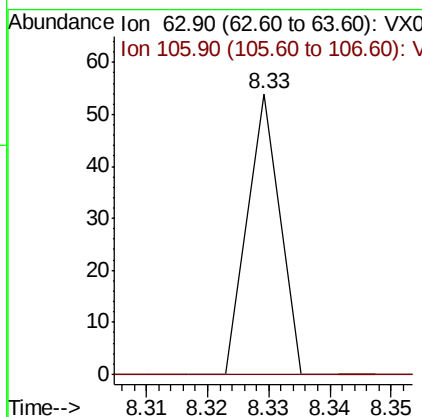
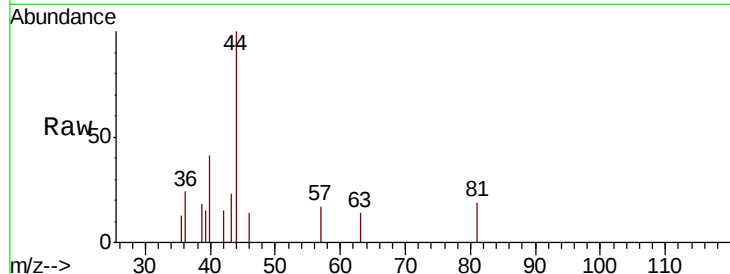




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.249 ug/l
 RT: 8.33 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

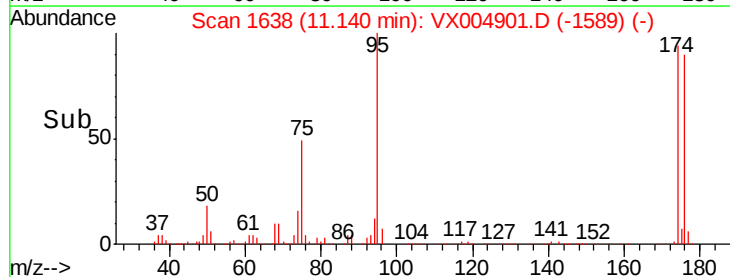
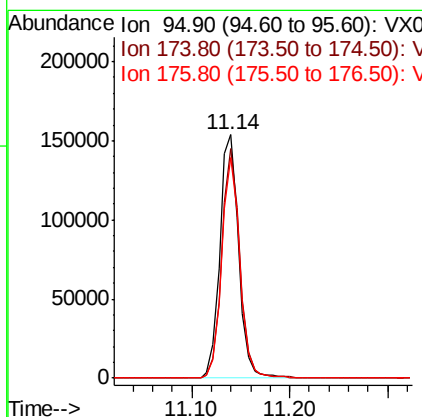
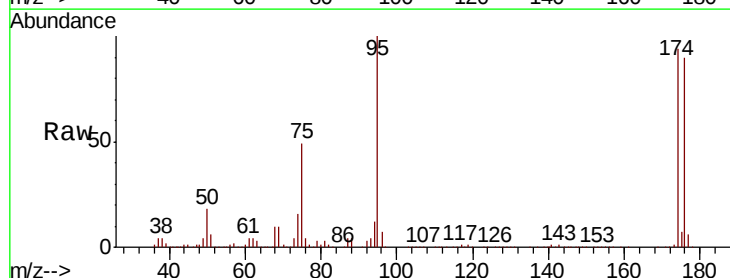
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

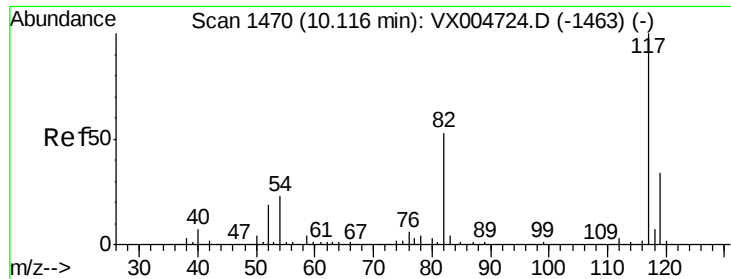
Tot Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#62
 4-Bromofluorobenzene
 Concen: 56.683 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

Tgt Ion: 95 Resp: 204683
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 185.2
 176 87.8 0.0 178.6

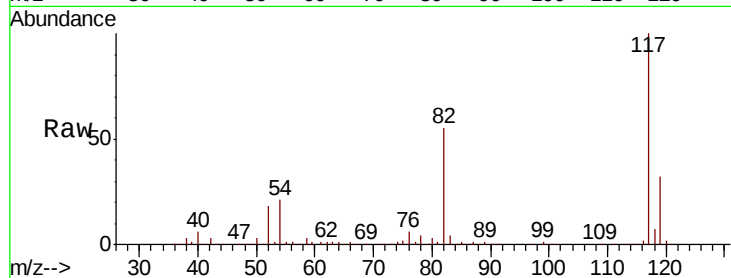




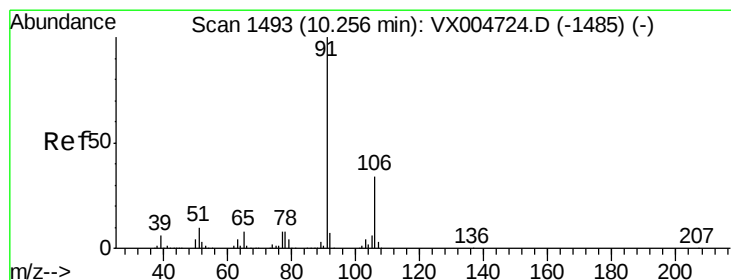
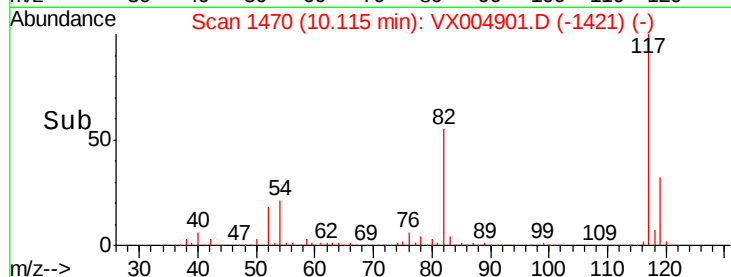
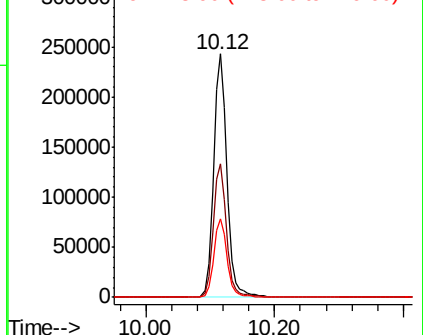
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:117 Resp: 352486
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.6
119 32.3 29.3 43.9

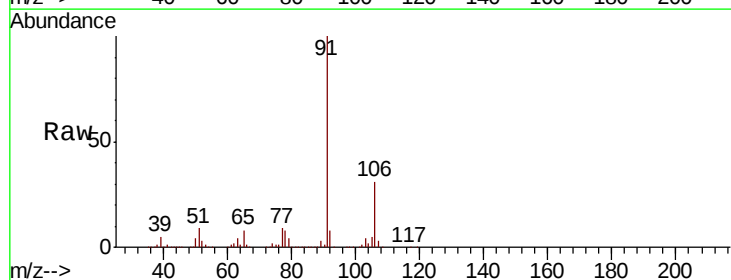


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

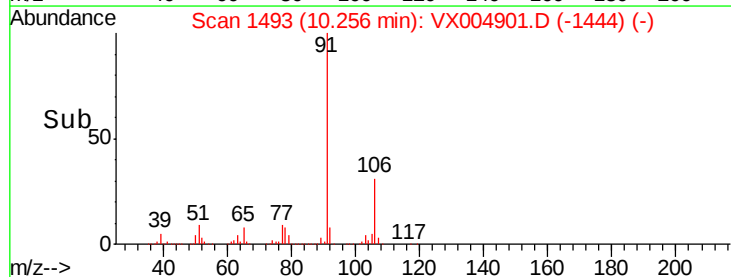
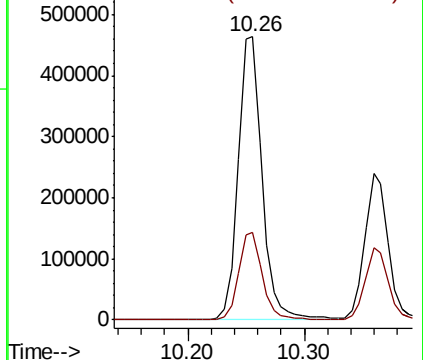


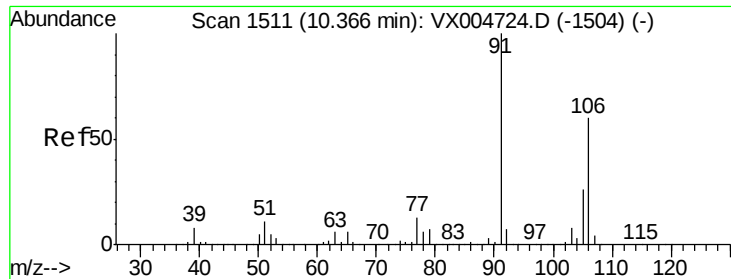
#67
Ethyl Benzene
Concen: 46.370 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion: 91 Resp: 665412
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



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

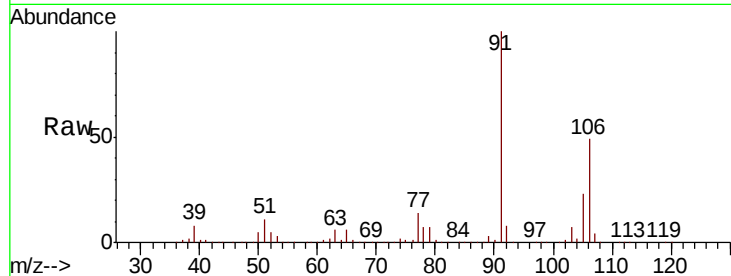




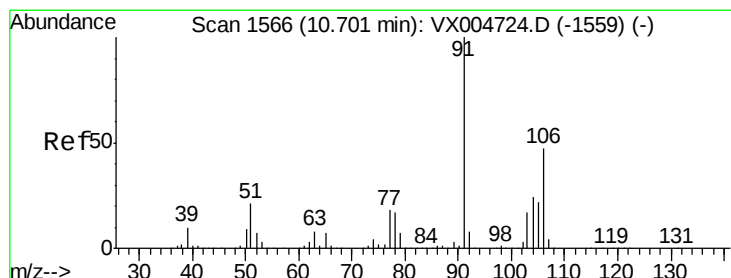
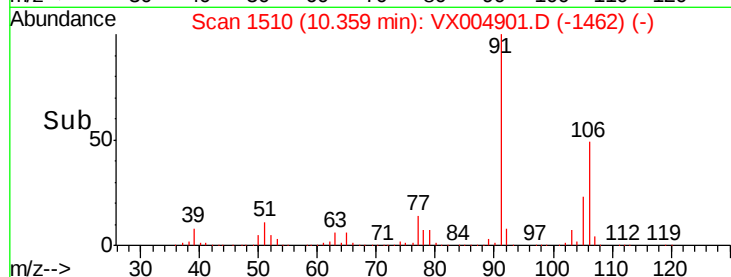
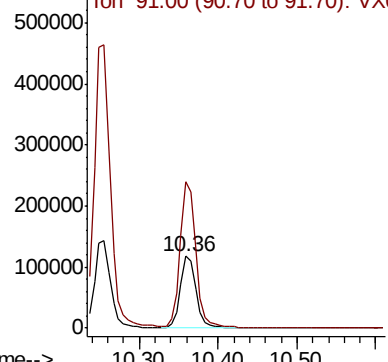
#68
m/p-Xvlenes
Concen: 29.256 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:106 Resp: 164055
Ion Ratio Lower Upper
106 100
91 204.9 157.1 235.7

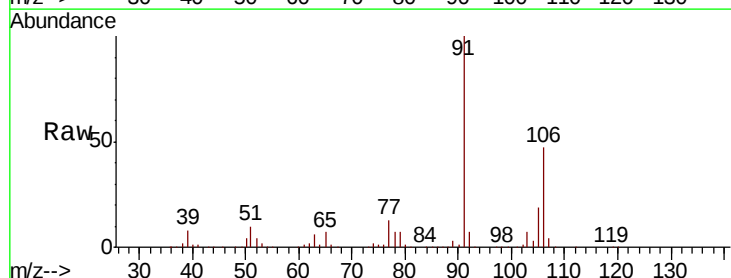


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

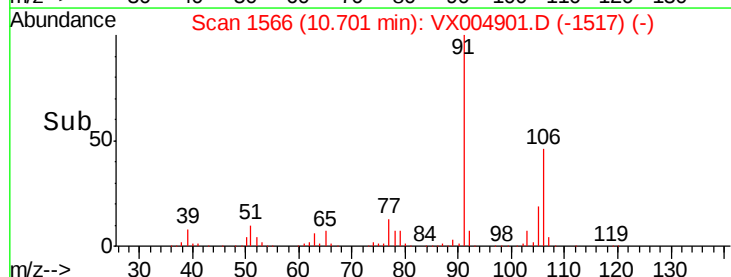
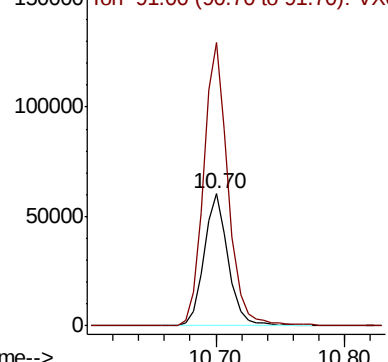


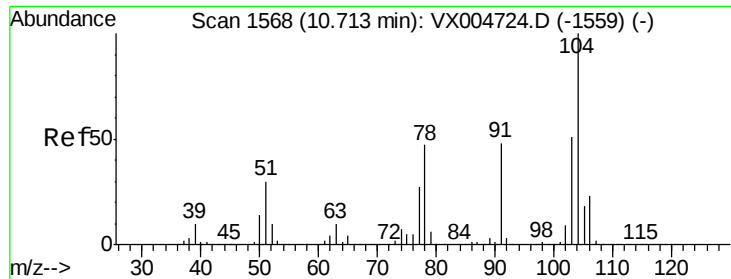
#69
o-Xylene
Concen: 15.377 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion:106 Resp: 79201
Ion Ratio Lower Upper
106 100
91 217.5 105.1 315.1



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





#70

Stvrene

Concen: 2.610 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

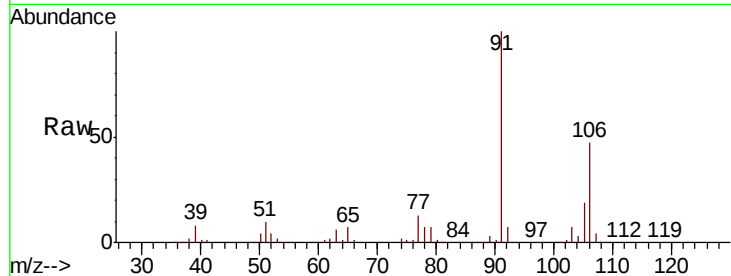
Tot Ion:104 Resp: 4727

Ion Ratio Lower Upper

104 100

78 271.0 37.4 56.0#

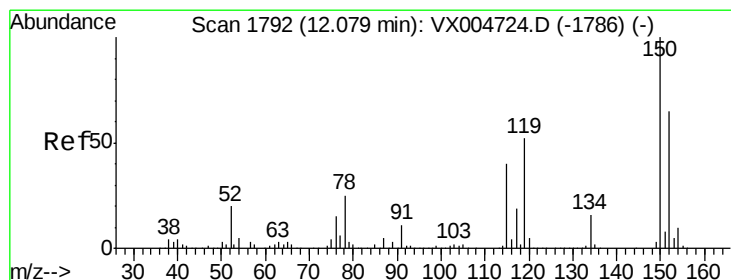
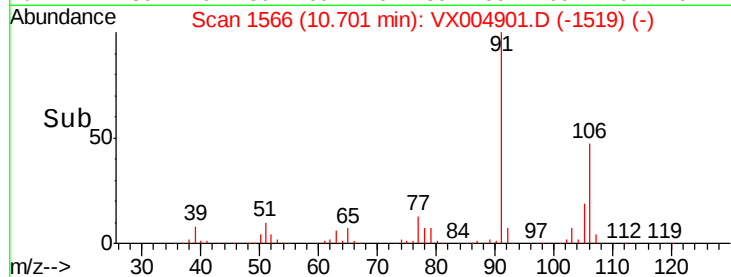
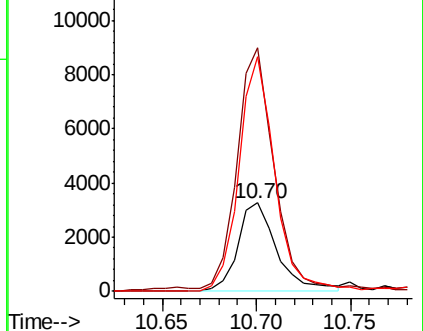
103 242.8 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

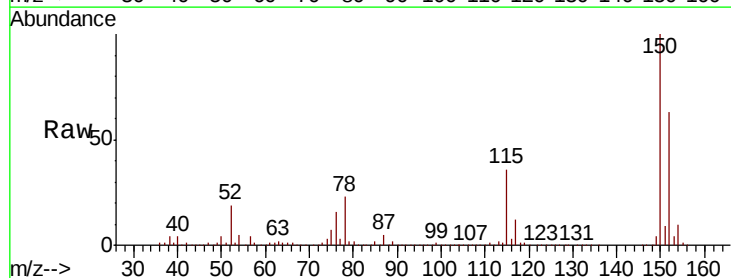
Tgt Ion:152 Resp: 218219

Ion Ratio Lower Upper

152 100

115 56.0 39.0 117.0

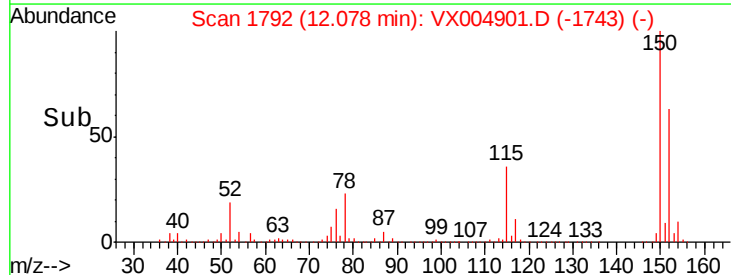
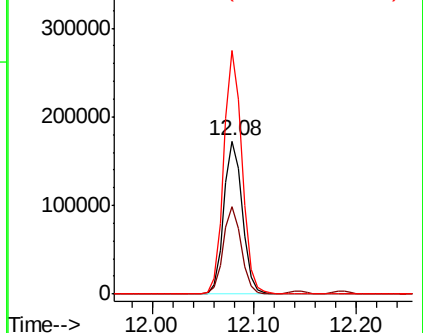
150 156.9 0.0 351.0

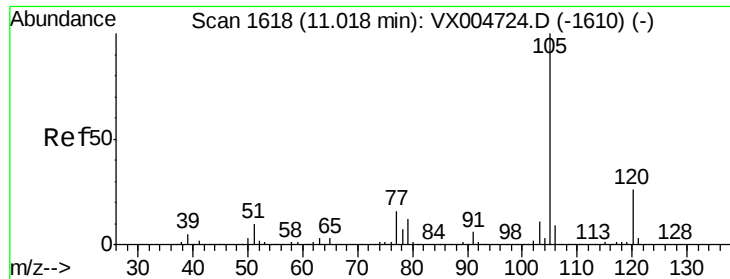


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.929 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

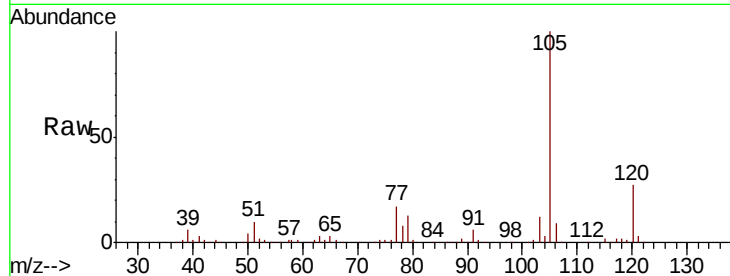
QNWP8-MW30D-GW

Tot Ion: 105 Resp: 67796

Ion Ratio Lower Upper

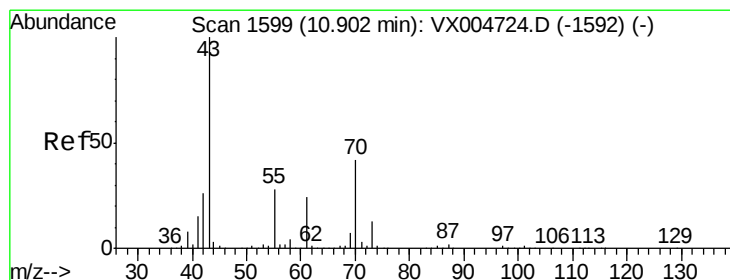
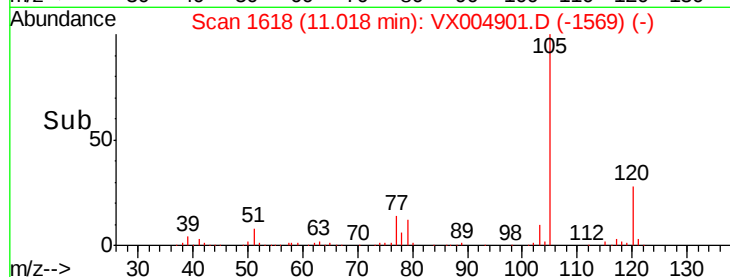
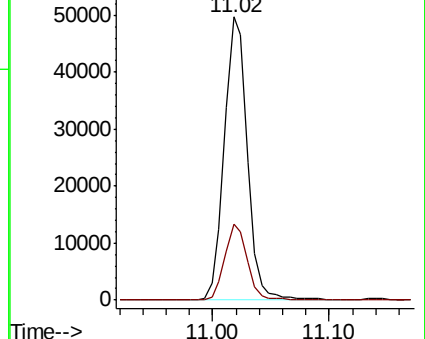
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.773 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Tgt Ion: 43 Resp: 198

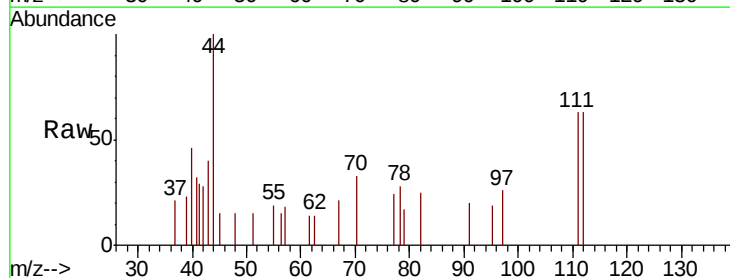
Ion Ratio Lower Upper

43 100

70 82.8 37.4 56.0#

55 110.6 21.8 32.8#

61 0.0 20.6 30.8#

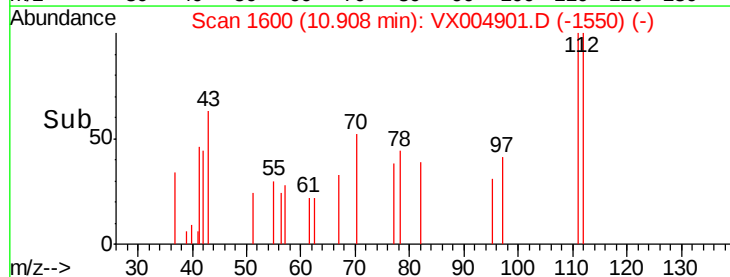
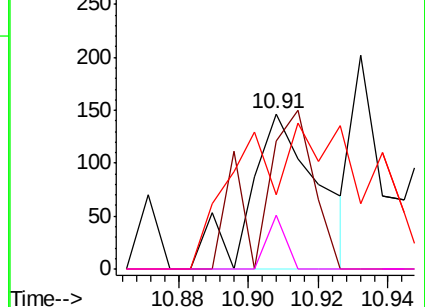


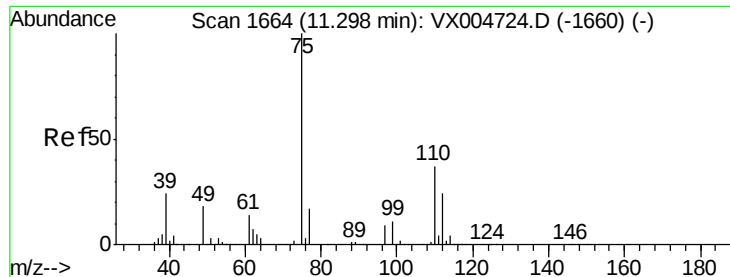
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

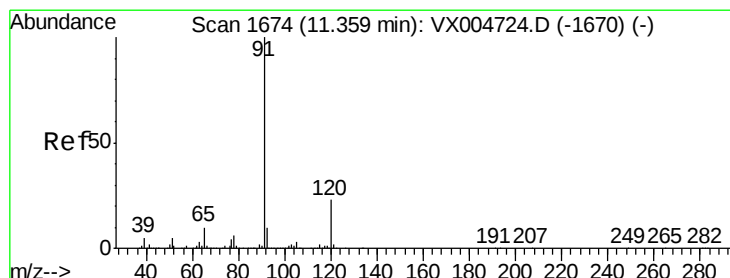
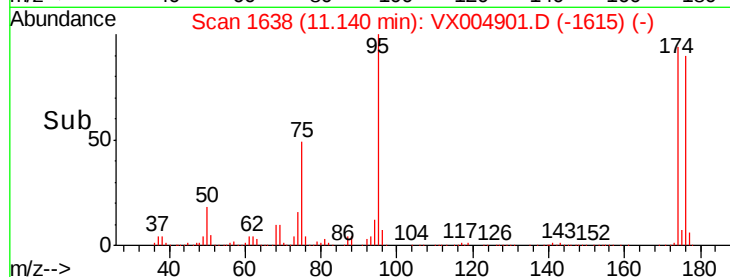
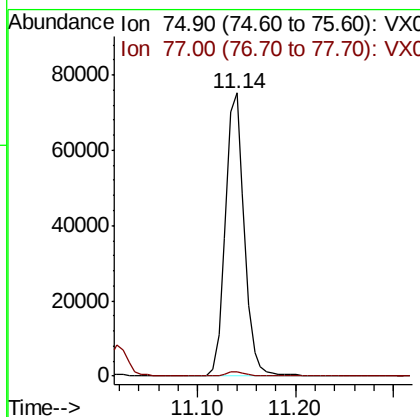
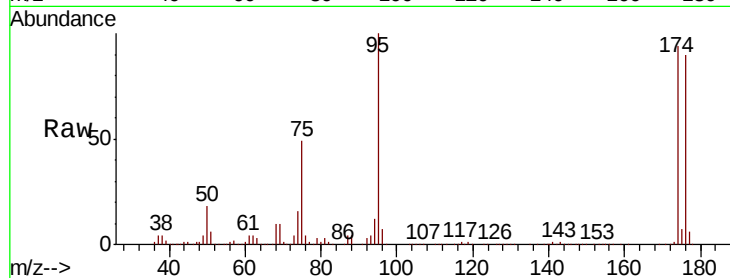




#76
 1,2,3-Trichloropropane
 Concen: 20.596 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

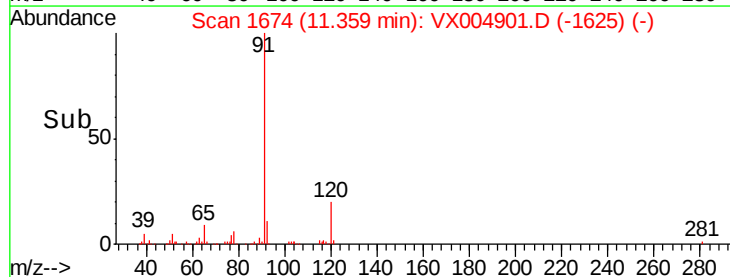
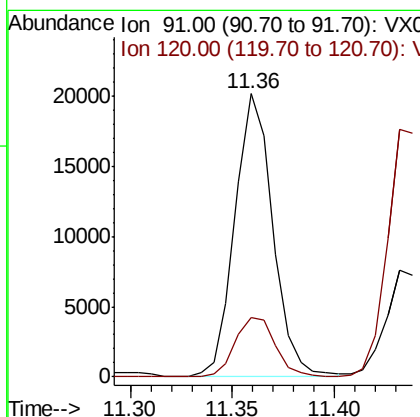
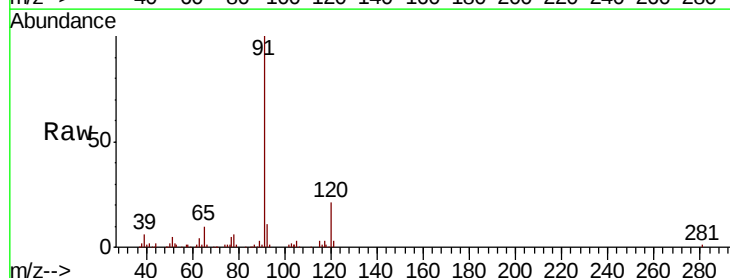
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

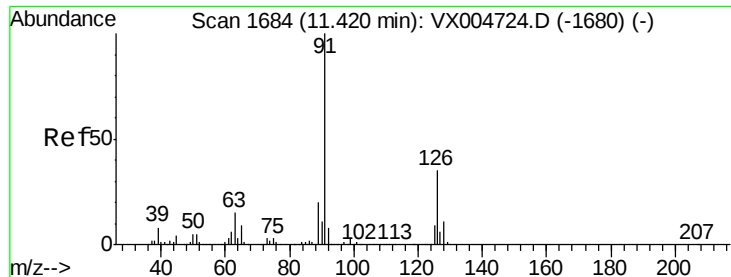
Tot Ion: 75 Resp: 100737
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.2 60.6#



#78
 n-propylbenzene
 Concen: 1.656 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

Tgt Ion: 91 Resp: 26131
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.9 35.9





#79

2-Chlorotoluene

Concen: 1.790 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

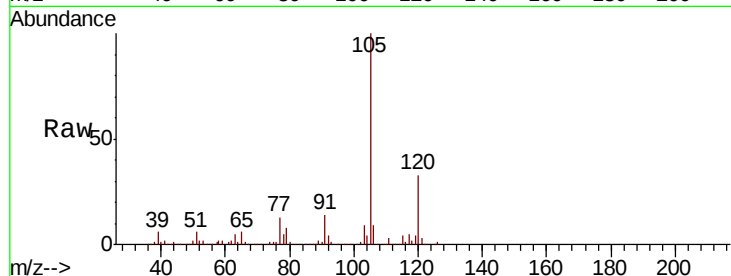
QNWP8-MW30D-GW

Tot Ion: 91 Resp: 17611

Ion Ratio Lower Upper

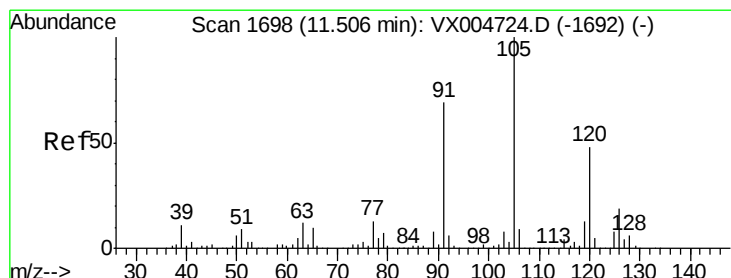
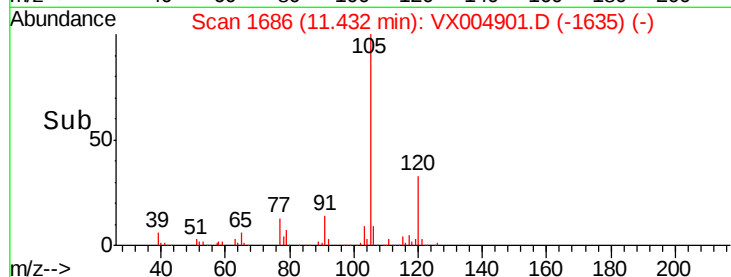
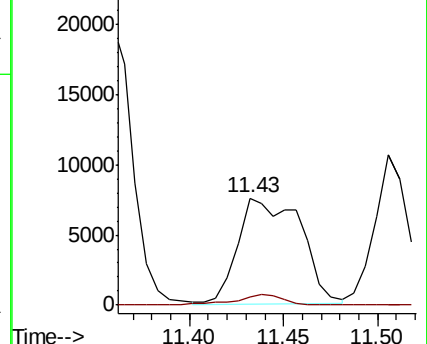
91 100

126 7.5 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 9.573 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004901.D

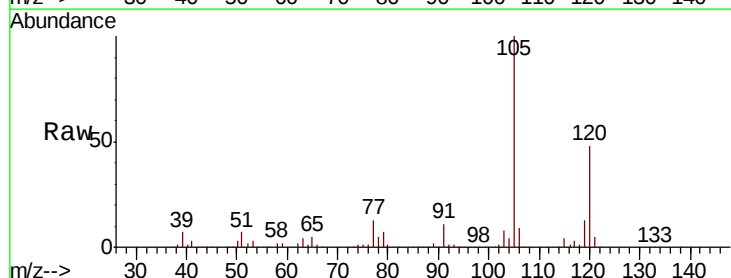
Acq: 02 Oct 2018 05:45

Tgt Ion: 105 Resp: 122695

Ion Ratio Lower Upper

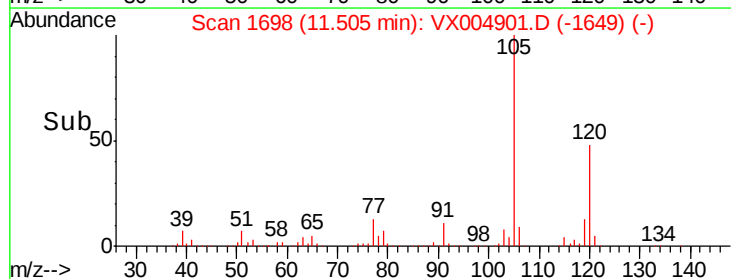
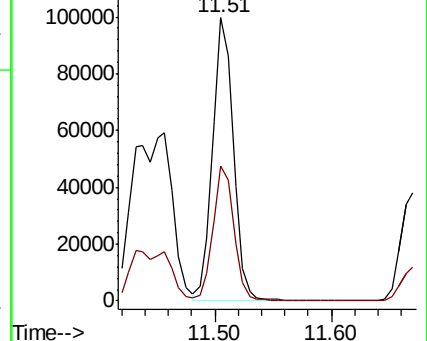
105 100

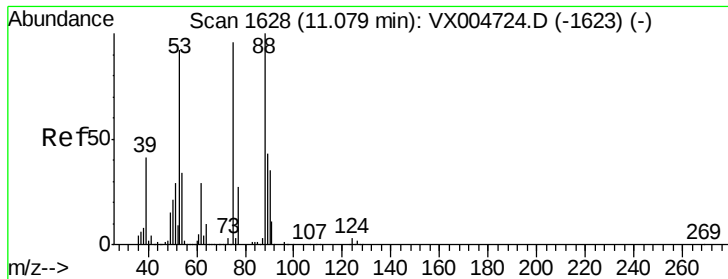
120 47.9 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.928 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

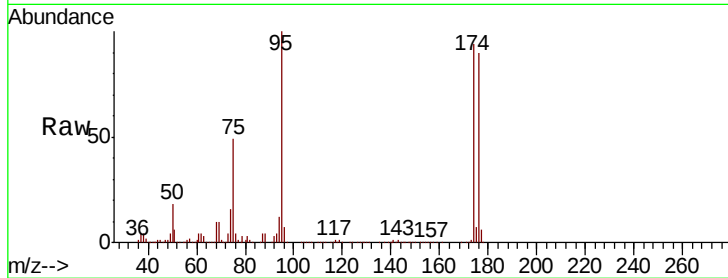
Tot Ion: 75 Resp: 100737

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

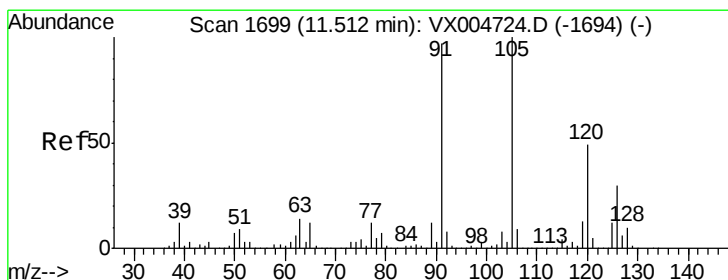
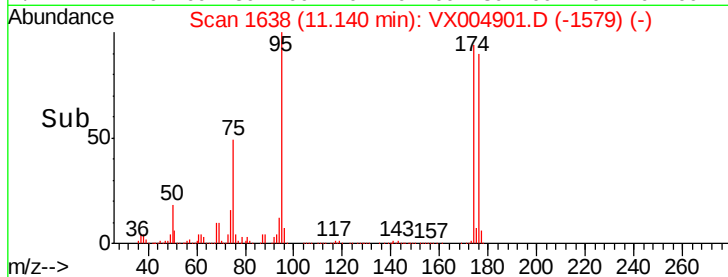
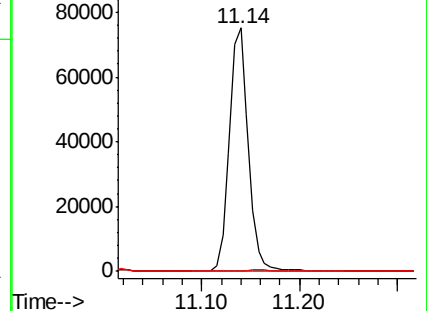
89 0.0 37.2 55.8#



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: 1.121 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004901.D

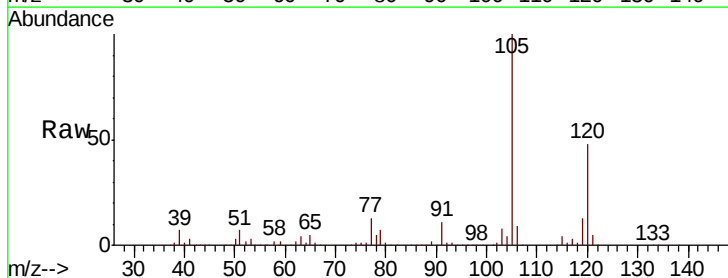
Acq: 02 Oct 2018 05:45

Tgt Ion: 91 Resp: 12978

Ion Ratio Lower Upper

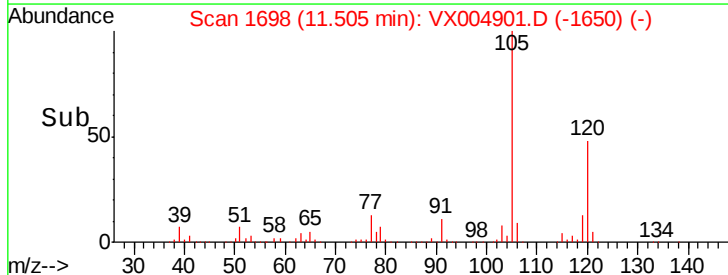
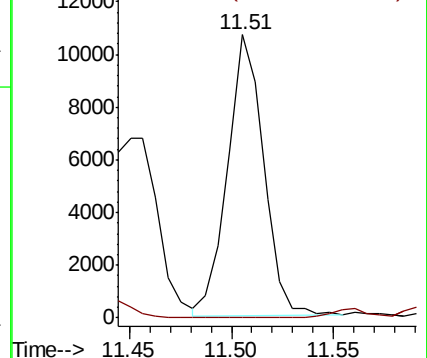
91 100

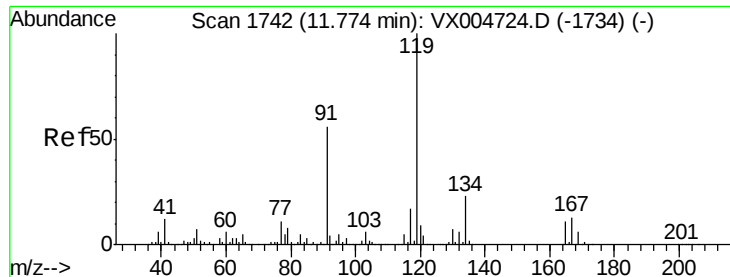
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

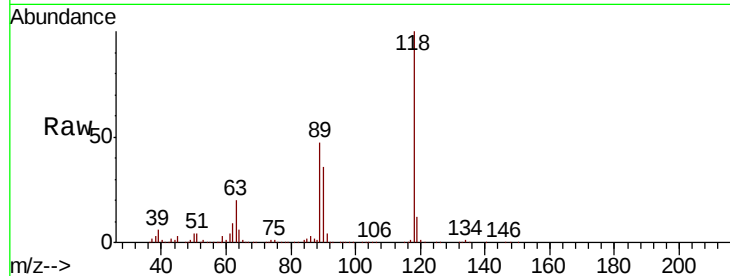




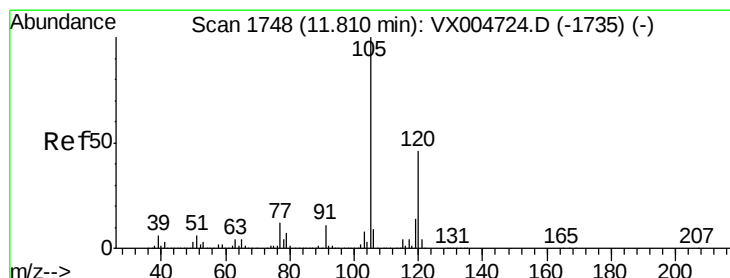
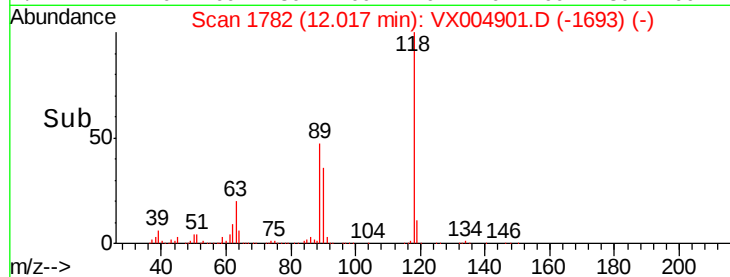
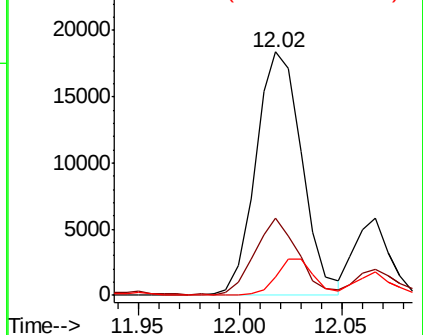
#83
 tert-Butylbenzene
 Concen: 2.551 ug/l
 RT: 12.02 min Scan# 1782
 Delta R.T. 0.24 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion:119 Resp: 28893
 Ion Ratio Lower Upper
 119 100
 91 30.4 27.0 81.0
 134 12.3 11.7 35.1

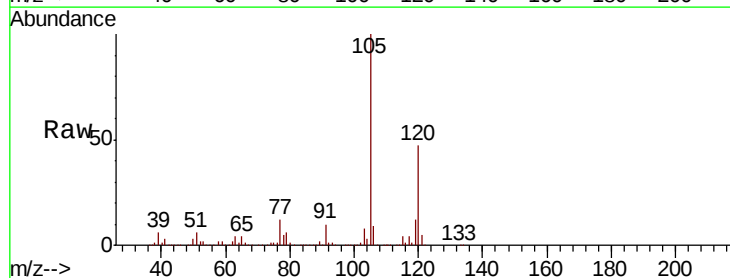


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

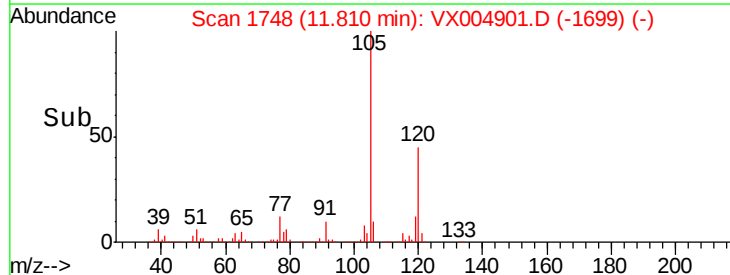
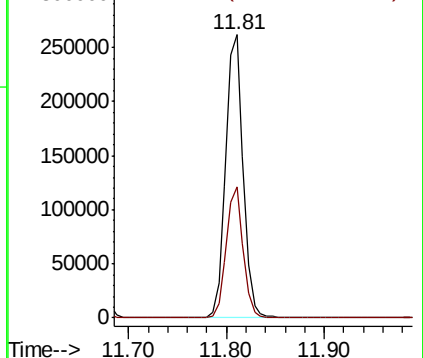


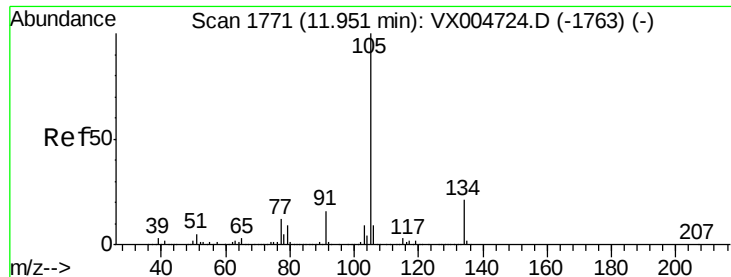
#84
 1,2,4-Trimethylbenzene
 Concen: 24.737 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004901.D
 Acq: 02 Oct 2018 05:45

Tgt Ion:105 Resp: 322900
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.409 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

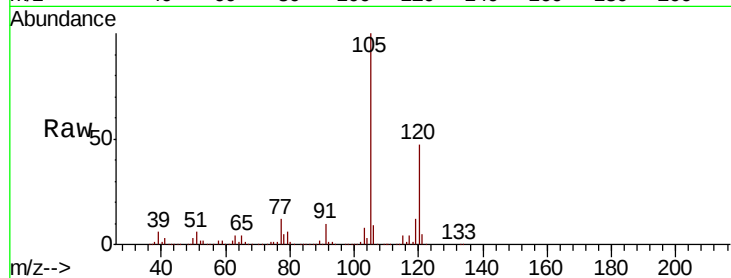
QNWP8-MW30D-GW

Tot Ion:105 Resp: 322900

Ion Ratio Lower Upper

105 100

134 0.2 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.81

250000

200000

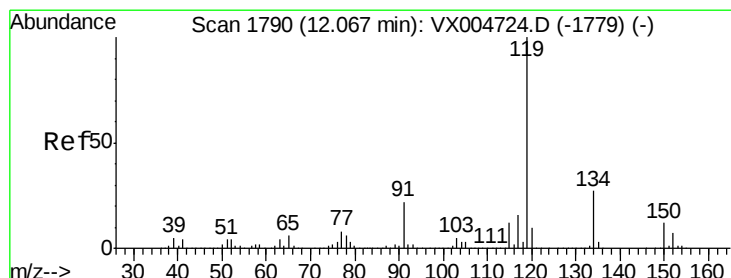
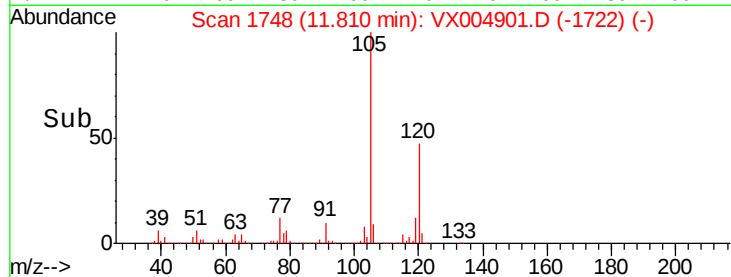
150000

100000

50000

0

Time--> 11.70 11.80 11.90



#86

p-Isopropyltoluene

Concen: 0.540 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

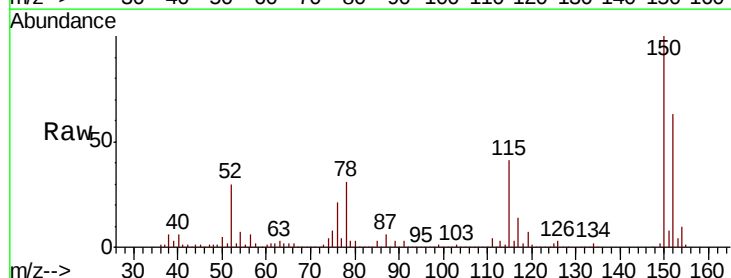
Tgt Ion:119 Resp: 6744

Ion Ratio Lower Upper

119 100

134 31.7 13.4 40.2

91 0.0 10.9 32.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

25000

20000

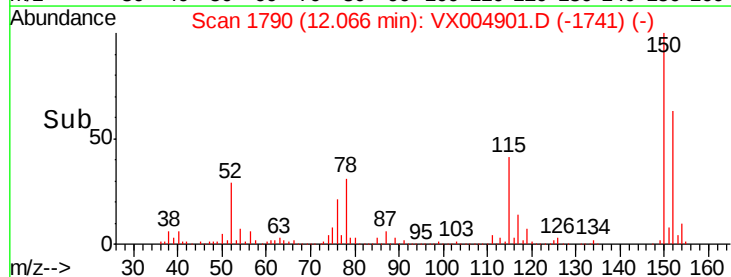
15000

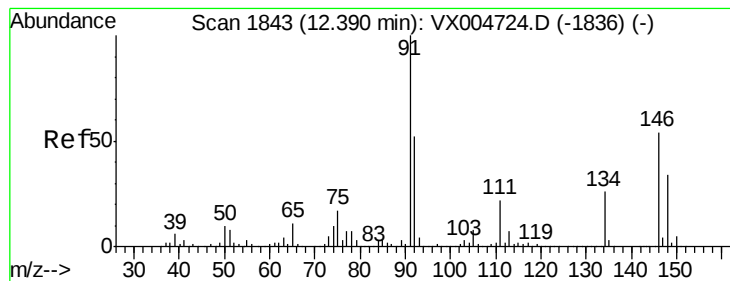
10000

5000

0

Time--> 12.05 12.10





#89

n-Butylbenzene

Concen: 20.771 ug/l

RT: 12.30 min Scan# 1828

Delta R.T. -0.09 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

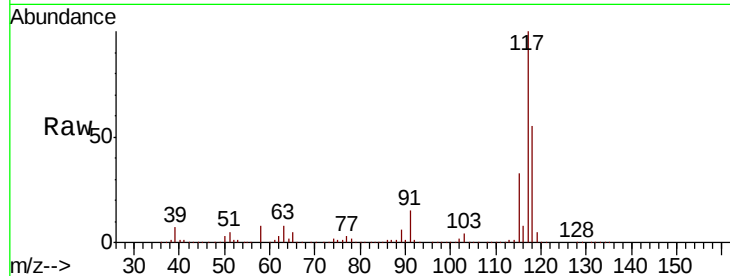
Tot Ion: 91 Resp: 235751

Ion Ratio Lower Upper

91 100

92 9.7 27.3 81.9#

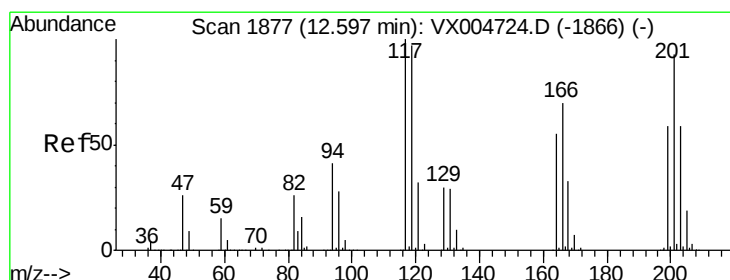
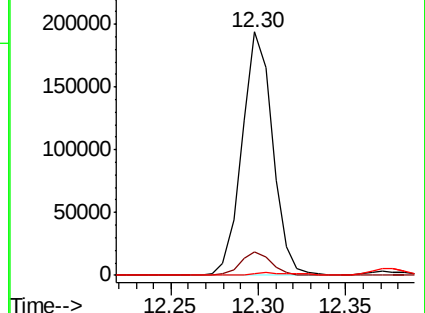
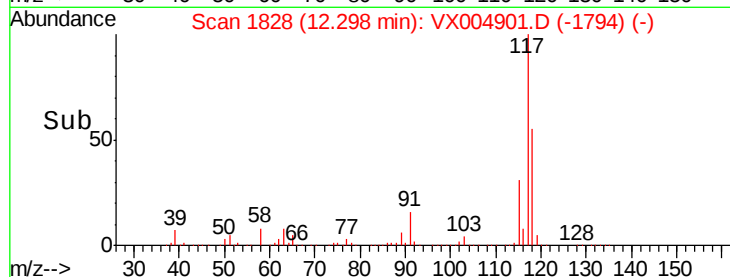
134 1.5 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 26.021 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX004901.D

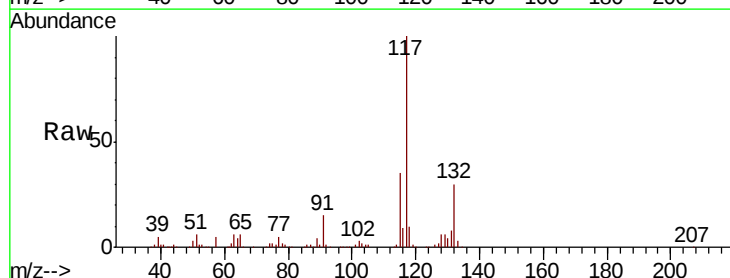
Acq: 02 Oct 2018 05:45

Tgt Ion: 117 Resp: 54143

Ion Ratio Lower Upper

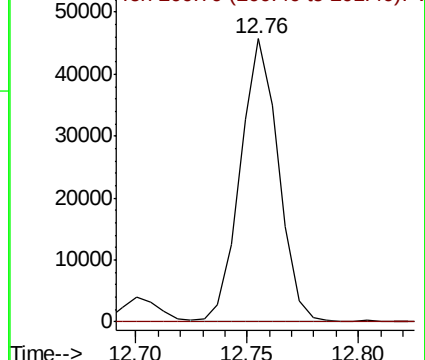
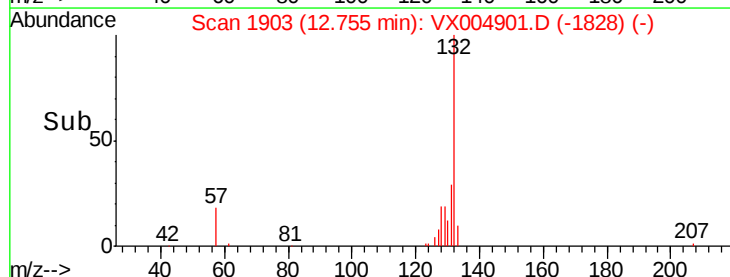
117 100

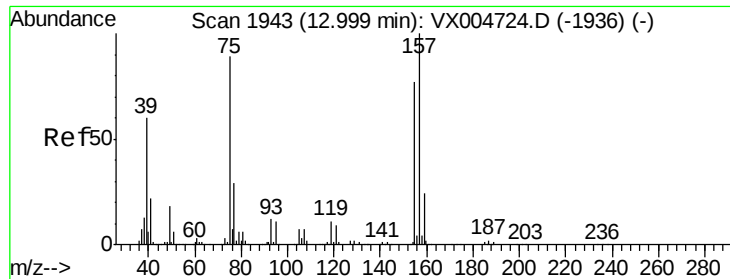
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.174 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

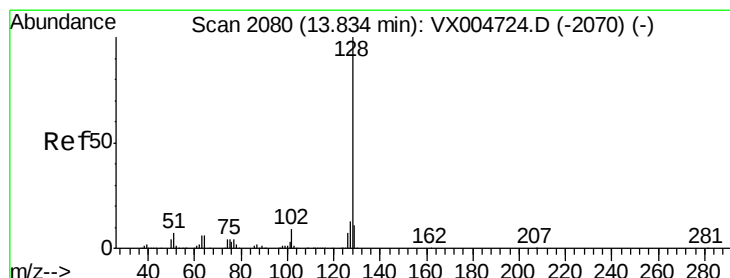
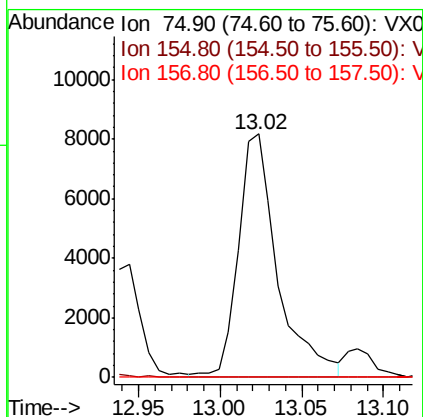
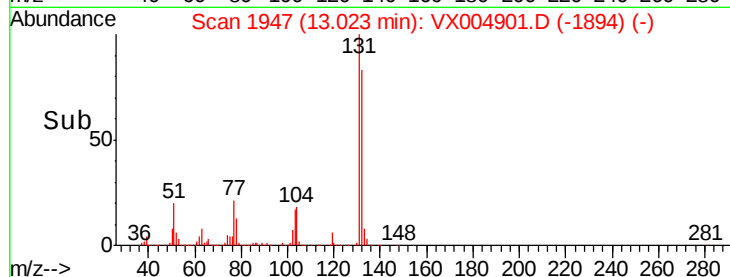
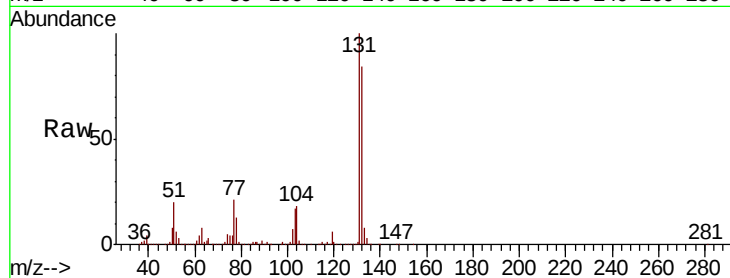
Tot Ion: 75 Resp: 13737

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



#95

Naphthalene

Concen: 701.895 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Tgt Ion:128 Resp:12913188

Ion Ratio Lower Upper

128 100

127 16.4 10.2 15.2#

129 14.3 8.6 12.8#

