

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040519\
 Data File : VX008688.D
 Acq On : 05 Apr 2019 17:46
 Operator : JC/SP
 Sample : K2263-08DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Apr 06 01:25:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129842	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143254	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
35) Dibromofluoromethane	5.50	113	105468	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
50) Toluene-d8	8.71	98	434648	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	148461	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	583	Below Cal	#	81
5) Bromomethane	1.64	94	455	2.161	ug/l	86
6) Chloroethane	1.73	64	1431	Below Cal		90
10) Methyl Iodide	2.51	142	368	4.165	ug/l #	81
11) Tert butyl alcohol	3.02	59	433	0.611	ug/l #	72
13) Acrolein	2.26	56	99	0.282	ug/l #	13
14) Allyl chloride	2.81	41	6070	1.106	ug/l #	27
15) Acrylonitrile	3.17	53	748	0.399	ug/l #	68
16) Acetone	2.44	43	827	0.475	ug/l	93
17) Carbon Disulfide	2.57	76	1008	Below Cal	#	71
18) Methyl Acetate	2.77	43	1754	0.415	ug/l #	58
20) Methylene Chloride	2.85	84	652	0.224	ug/l #	49
28) Bromochloromethane	5.01	49	69	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	404	0.221	ug/l #	75
31) Cyclohexane	5.58	56	29347	5.614	ug/l	99
36) 1,1-Dichloropropene	5.66	75	16488	4.353	ug/l #	51
38) Carbon Tetrachloride	5.66	117	19944	6.362	ug/l #	16
39) Methylcyclohexane	7.46	83	10164	2.172	ug/l	94
40) Benzene	6.14	78	541859	48.019	ug/l	99
42) 1,2-Dichloroethane	6.14	62	5262	1.301	ug/l #	75
43) Isopropyl Acetate	6.34	43	6903	0.872	ug/l #	66
49) 1,4-Dioxane	7.68	88	19	0.253	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1614	0.317	ug/l #	69
52) Toluene	8.79	92	464567	69.832	ug/l	100
53) t-1,3-Dichloropropene	8.78	75	5452	1.382	ug/l #	1
59) 2-Hexanone	9.51	43	5619	1.418	ug/l #	49
67) Ethyl Benzene	10.25	91	164667	13.276	ug/l	100
68) m/p-Xylenes	10.35	106	144842	32.479	ug/l	99
69) o-Xylene	10.70	106	57223	13.240	ug/l	99
70) Styrene	10.70	104	3595	0.483	ug/l #	1
73) Isopropylbenzene	11.02	105	4079	0.379	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.32	83	2258	0.552	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	74659	20.931	ug/l #	33
78) n-propylbenzene	11.36	91	10187	0.813	ug/l	99

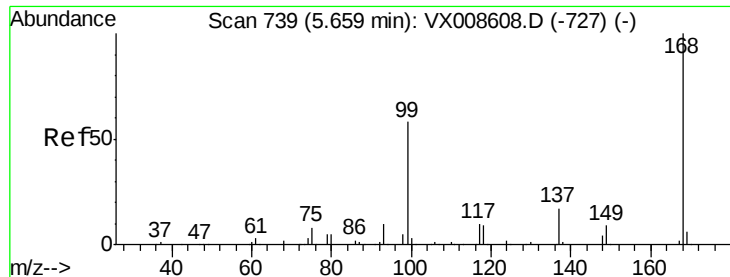
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040519\
Data File : VX008688.D
Acq On : 05 Apr 2019 17:46
Operator : JC/SP
Sample : K2263-08DL 100X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Quant Time: Apr 06 01:25:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.43	91	5358	0.707	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	14044	1.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	74659	57.698	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	39560	4.325	ug/l	97
85) sec-Butylbenzene	11.80	105	39560	3.833	ug/l #	58
90) Hexachloroethane	12.59	117	335	0.218	ug/l #	9
95) Naphthalene	13.83	128	5086	0.476	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

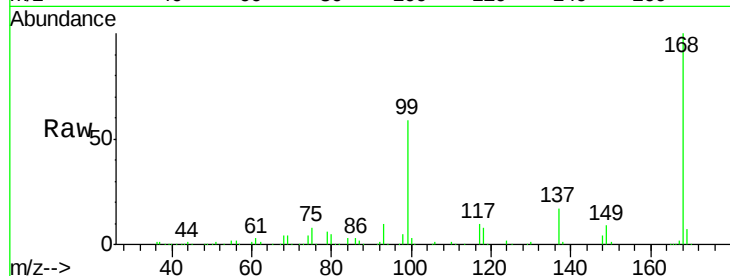
MW-3DL

Tot Ion:168 Resp: 207427

Ion Ratio Lower Upper

168 100

99 58.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

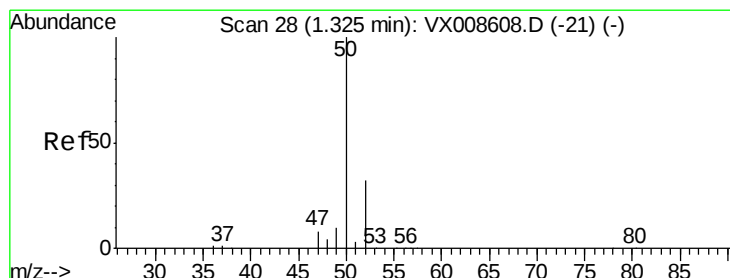
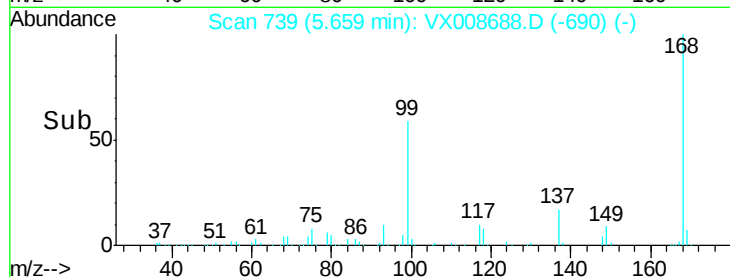
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.30 min Scan# 24

Delta R.T. -0.02 min

Lab File: VX008688.D

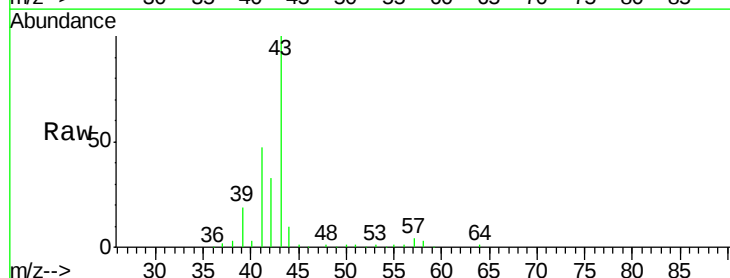
Acq: 05 Apr 2019 17:46

Tgt Ion: 50 Resp: 583

Ion Ratio Lower Upper

50 100

52 21.8 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.30

600

500

400

300

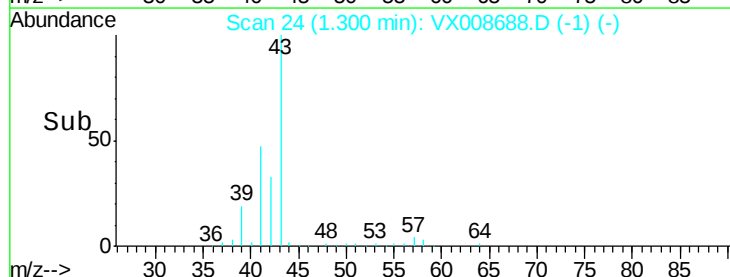
200

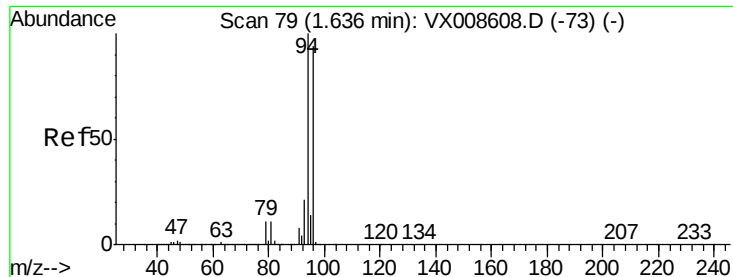
100

0

Time-->

1.26 1.28 1.30 1.32





#5

Bromomethane

Concen: 2.161 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

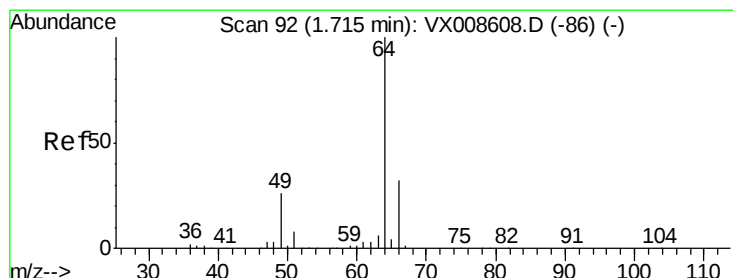
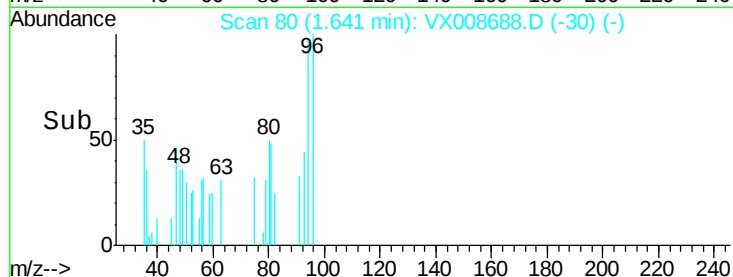
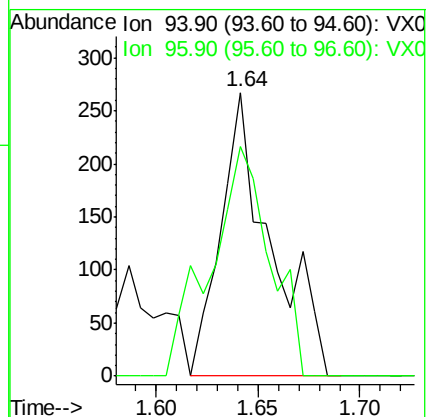
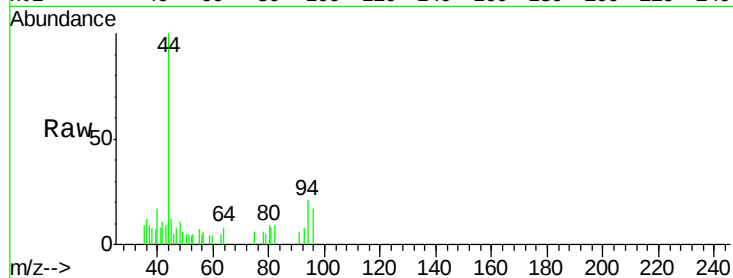
MW-3DL

Tot Ion: 94 Resp: 455

Ion Ratio Lower Upper

94 100

96 80.9 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX008688.D

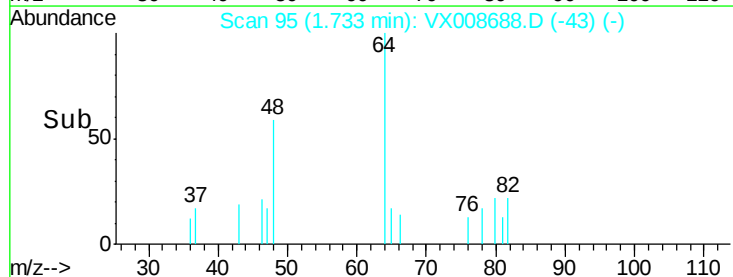
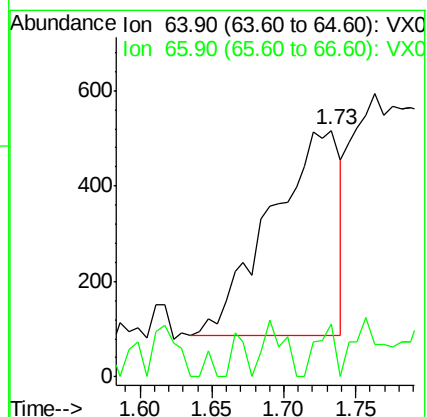
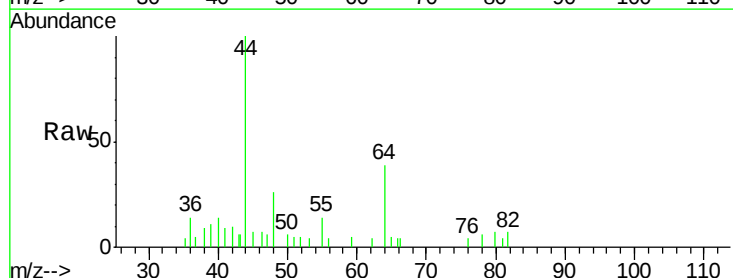
Acq: 05 Apr 2019 17:46

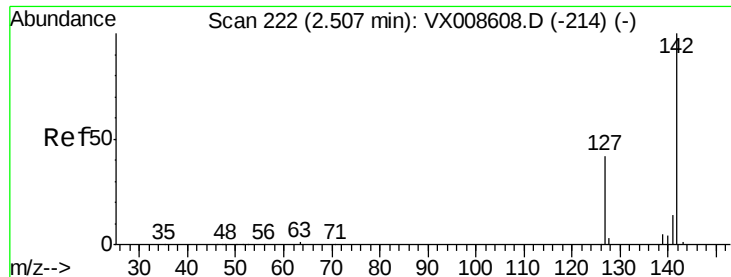
Tgt Ion: 64 Resp: 1431

Ion Ratio Lower Upper

64 100

66 26.1 25.4 38.0

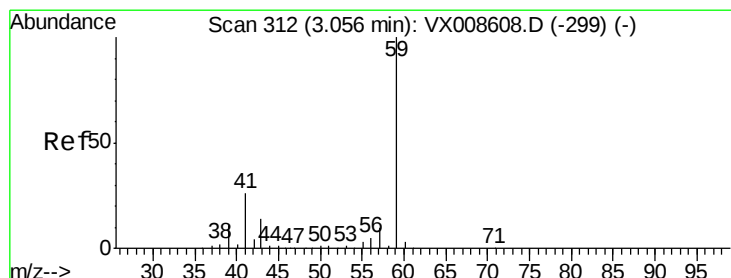
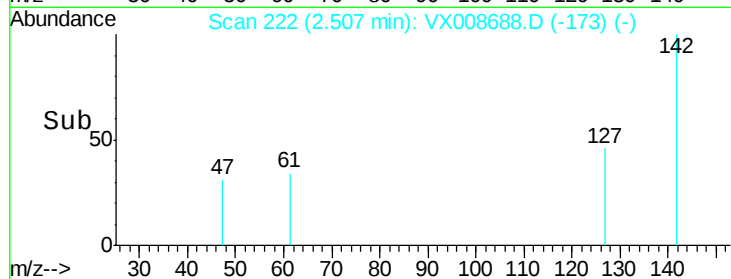
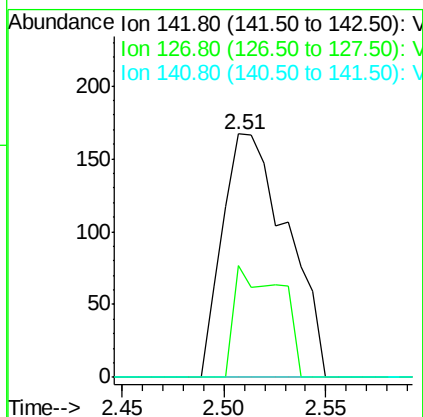
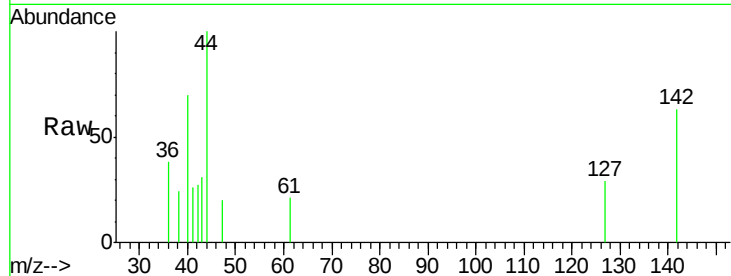




#10
Methvl Iodide
Concen: 4.165 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

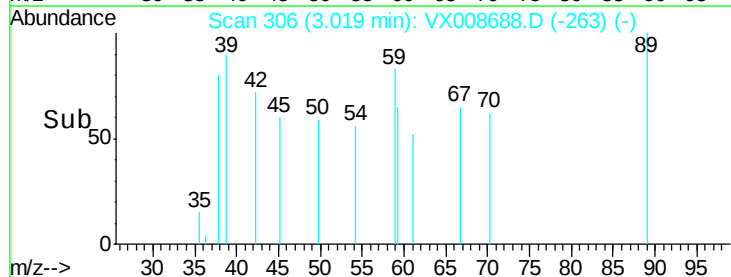
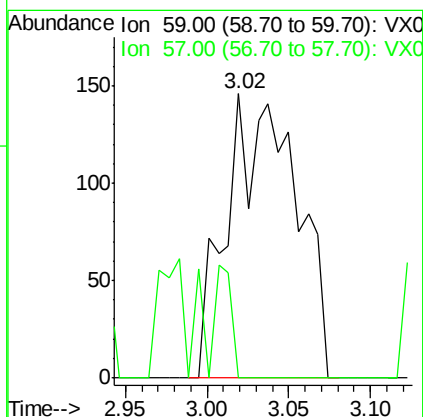
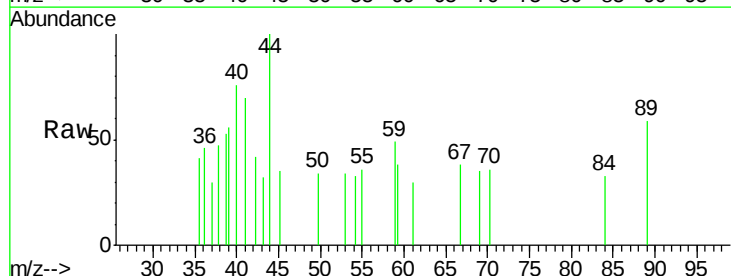
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

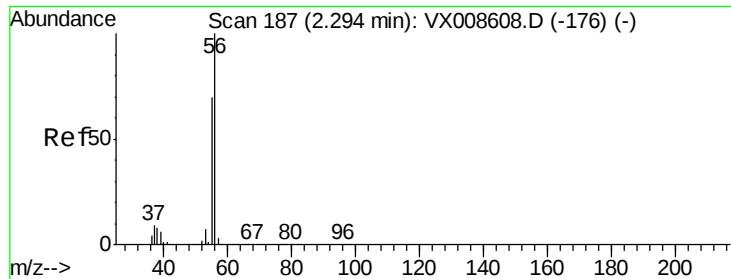
Tot Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 32.6 33.0 49.6#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.611 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.04 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 59 Resp: 433
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.282 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

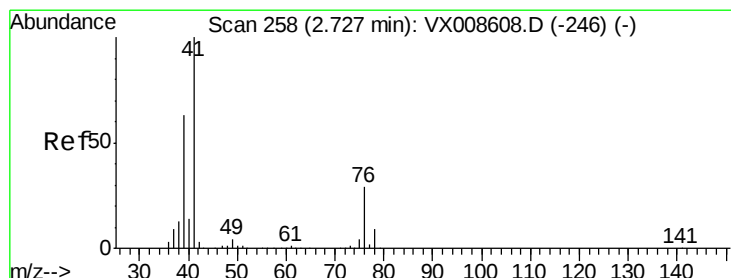
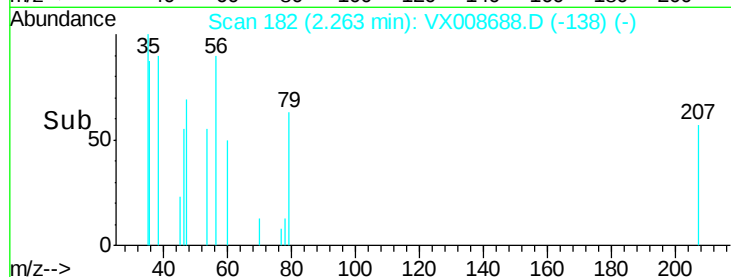
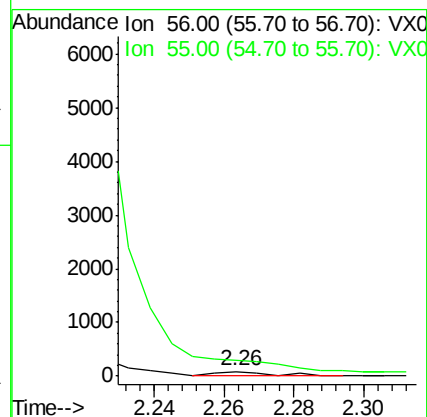
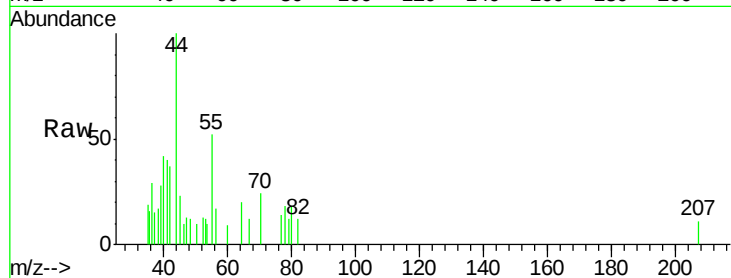
MW-3DL

Tot Ion: 56 Resp: 99

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



#14

Allyl chloride

Concen: 1.106 ug/l

RT: 2.81 min Scan# 272

Delta R.T. 0.09 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

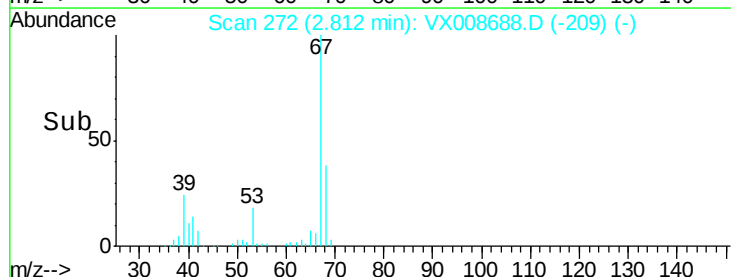
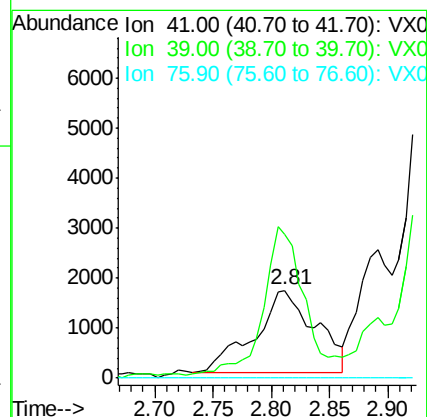
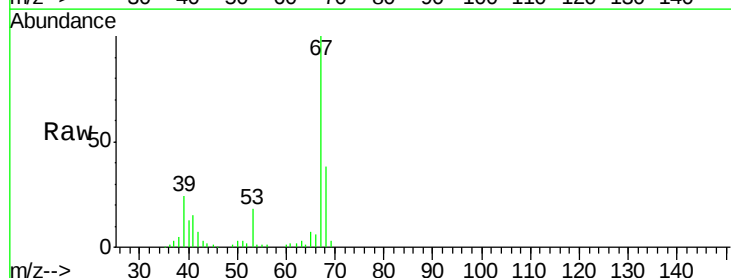
Tgt Ion: 41 Resp: 6070

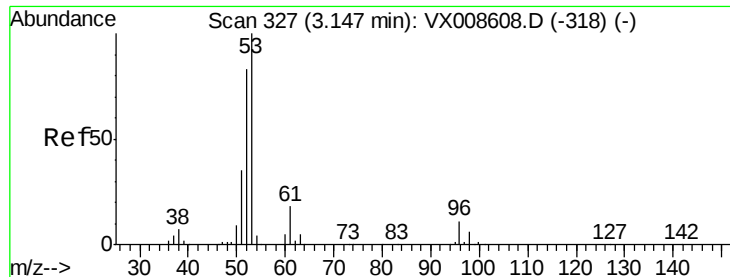
Ion Ratio Lower Upper

41 100

39 122.7 48.0 72.0#

76 0.0 22.0 33.0#





#15

Acrylonitrile

Concen: 0.399 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

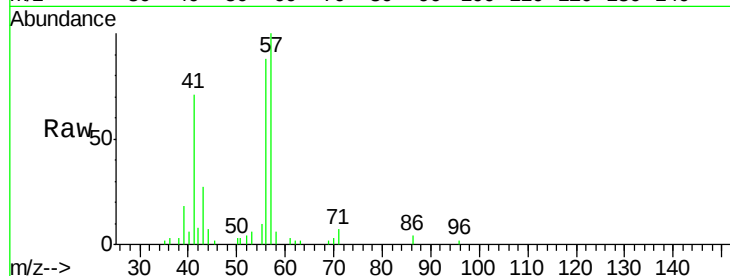
Tot Ion: 53 Resp: 748

Ion Ratio Lower Upper

53 100

52 51.5 66.5 99.7#

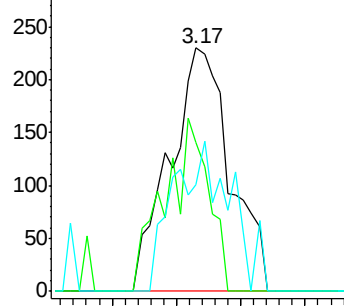
51 21.9 28.6 42.8#



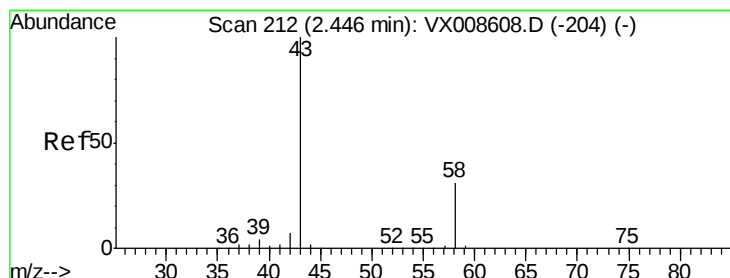
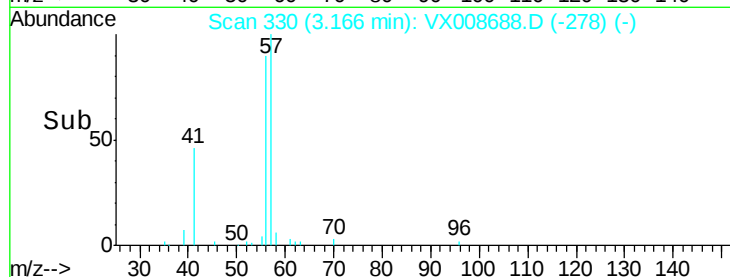
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.475 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008688.D

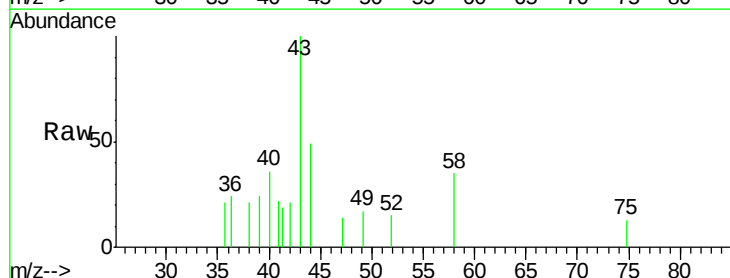
Acq: 05 Apr 2019 17:46

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

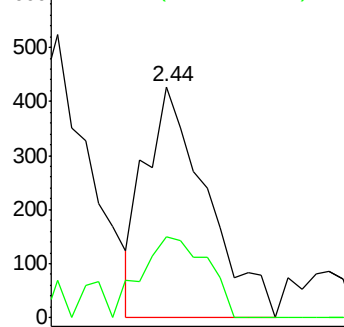
43 100

58 34.8 24.8 37.2

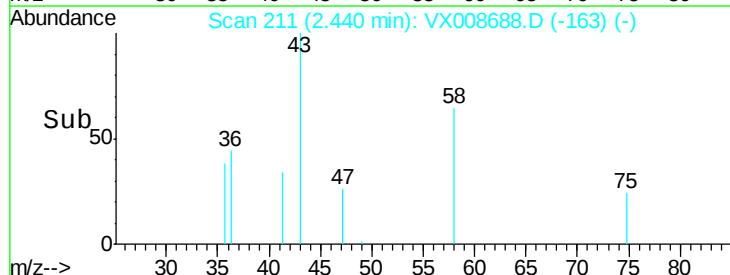


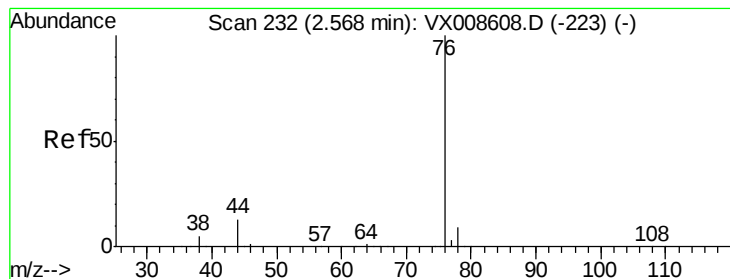
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

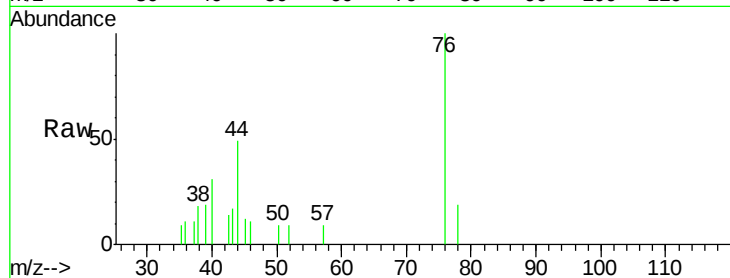
MW-3DL

Tot Ion: 76 Resp: 1008

Ion Ratio Lower Upper

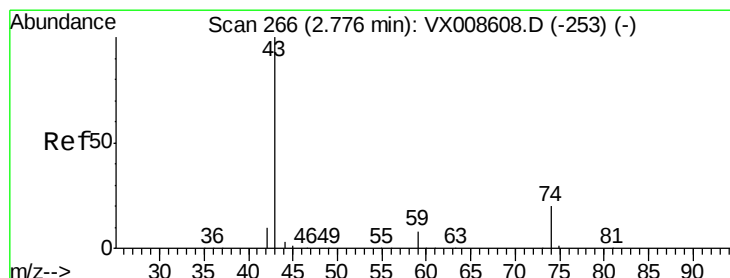
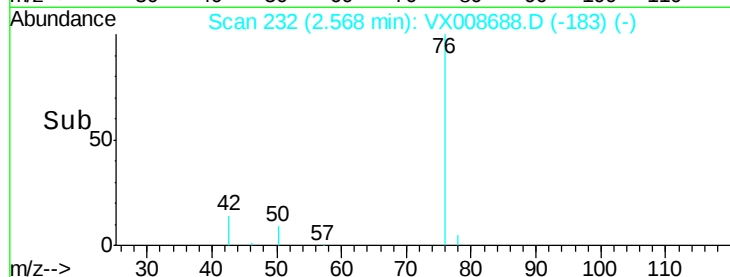
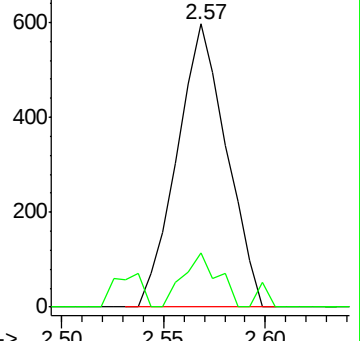
76 100

78 19.3 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.415 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008688.D

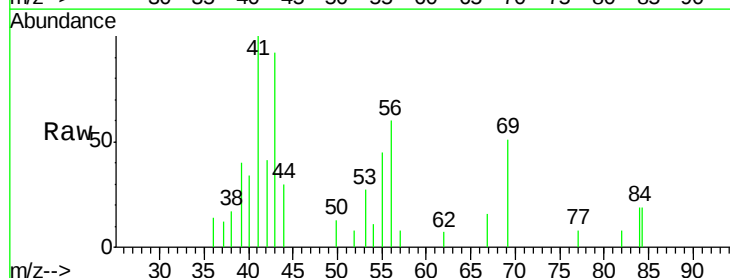
Acq: 05 Apr 2019 17:46

Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

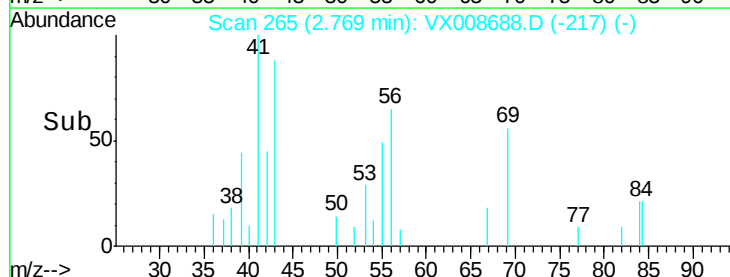
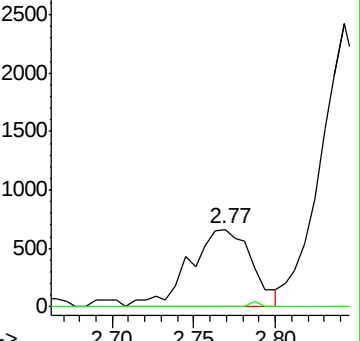
43 100

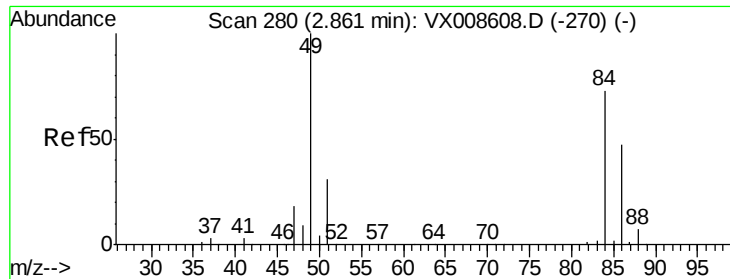
74 1.1 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

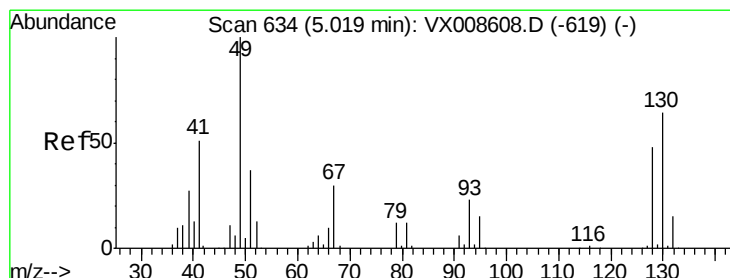
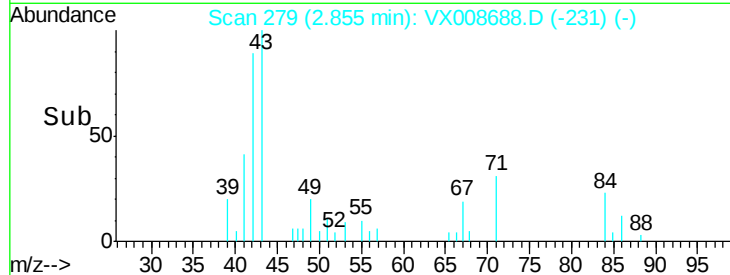
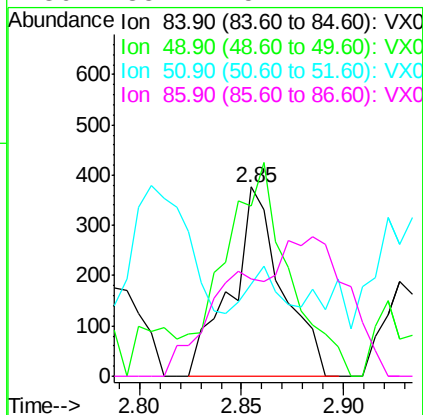
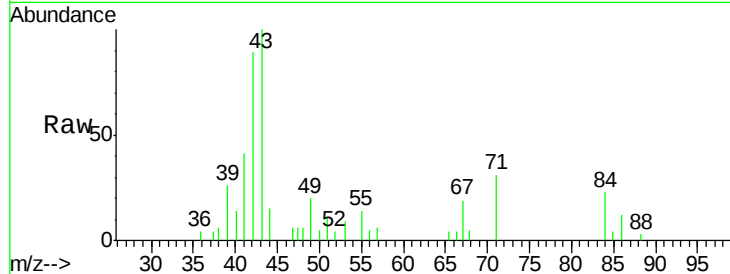




#20
Methvlene Chloride
Concen: 0.224 ua/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

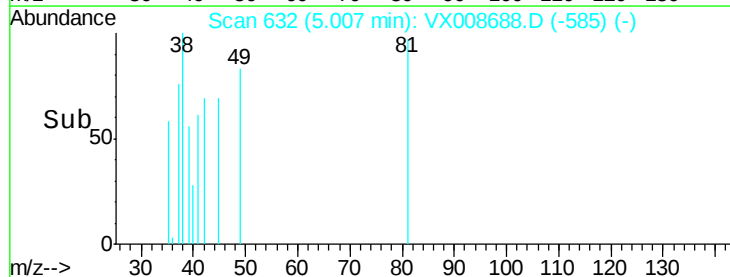
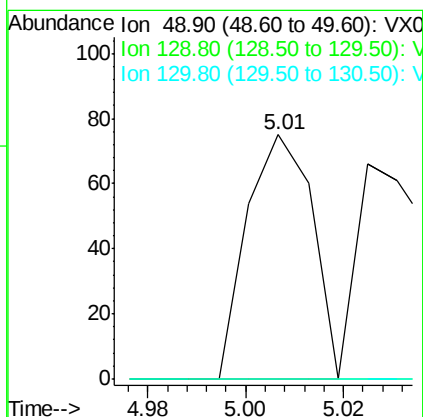
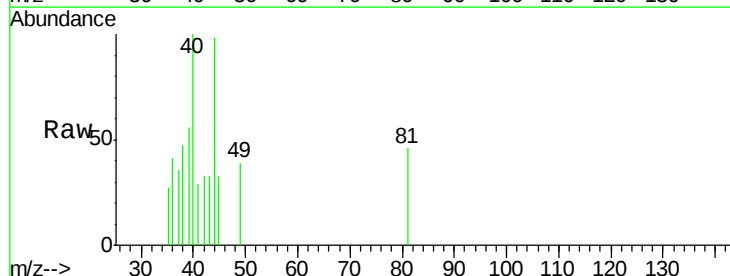
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

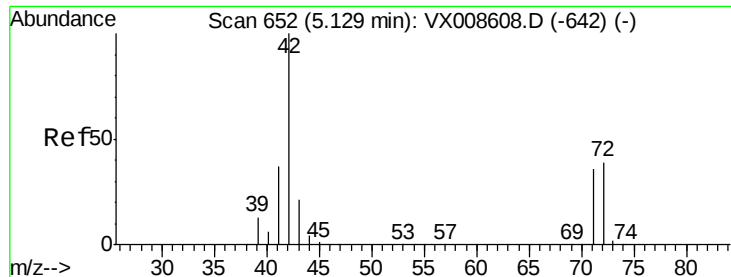
Tot Ion: 84 Resp: 652
Ion Ratio Lower Upper
84 100
49 74.5 109.7 164.5#
51 0.0 33.6 50.4#
86 35.1 51.4 77.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 49 Resp: 69
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#





#29

Tetrahydrofuran

Concen: 0.221 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

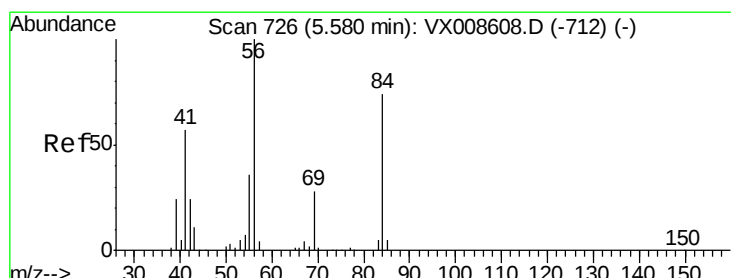
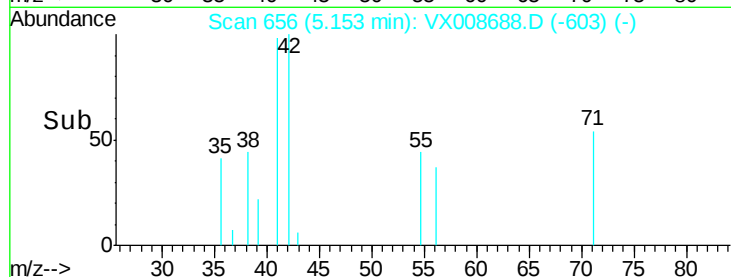
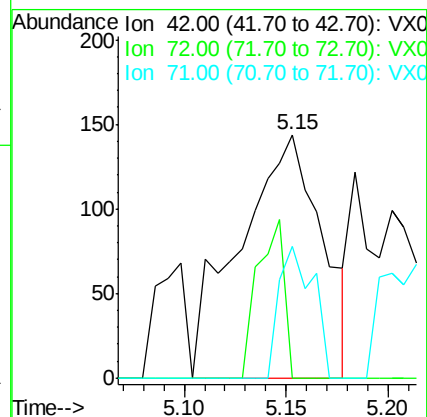
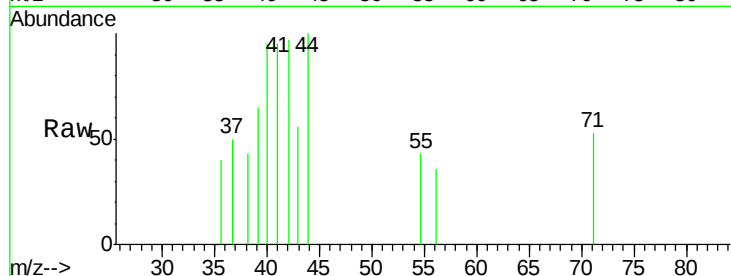
Tot Ion: 42 Resp: 404

Ion Ratio Lower Upper

42 100

72 21.0 30.5 45.7#

71 22.8 28.6 43.0#



#31

Cyclohexane

Concen: 5.614 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

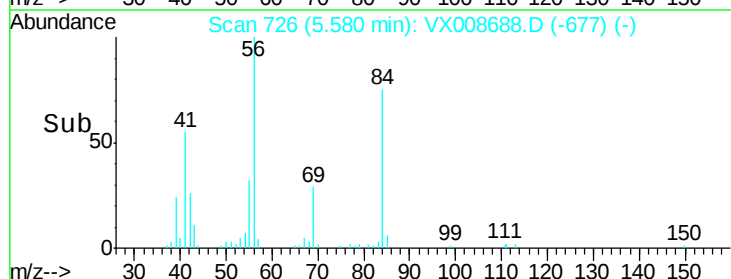
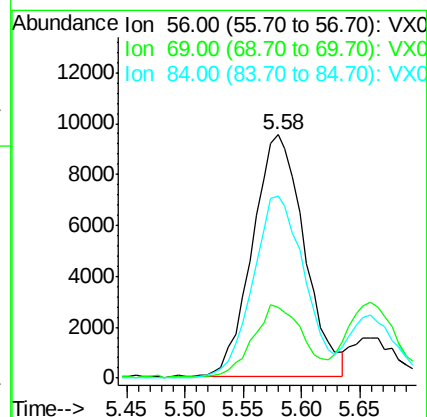
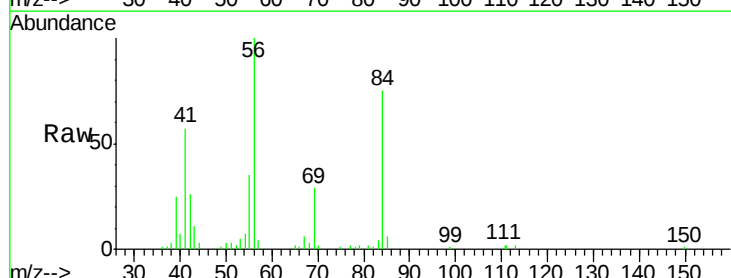
Tgt Ion: 56 Resp: 29347

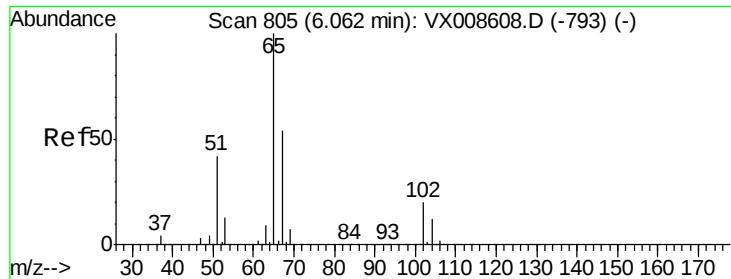
Ion Ratio Lower Upper

56 100

69 28.4 22.6 33.8

84 75.1 59.3 88.9





#33

1,2-Dichloroethane-d4

Concen: 47.350 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

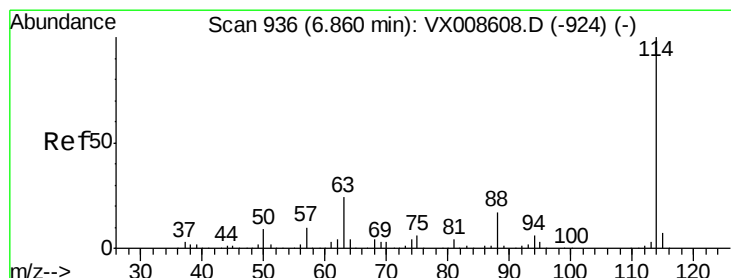
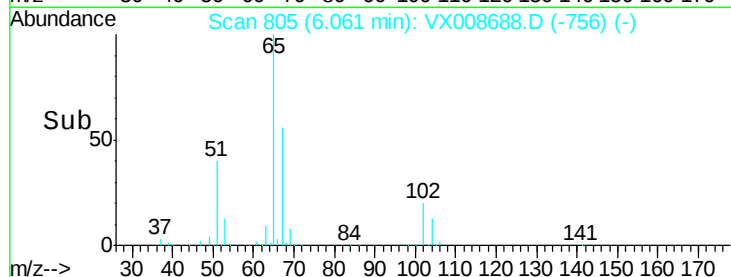
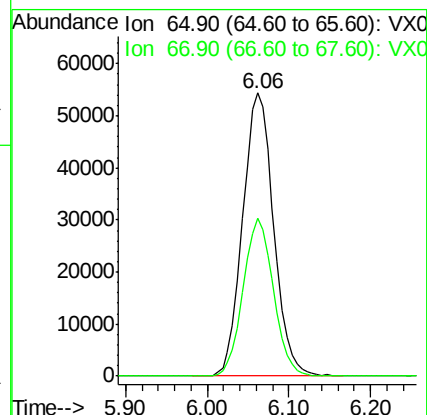
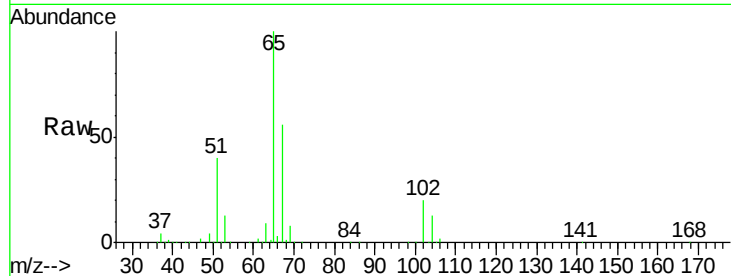
MW-3DL

Tot Ion: 65 Resp: 143254

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

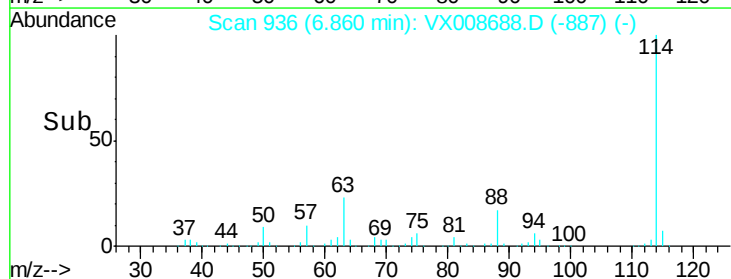
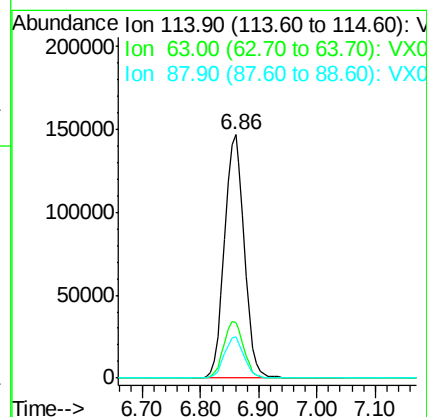
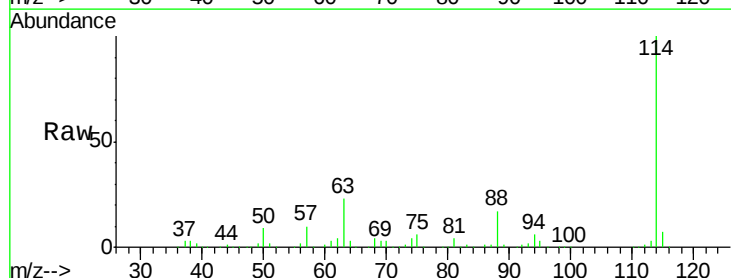
Tgt Ion: 114 Resp: 346515

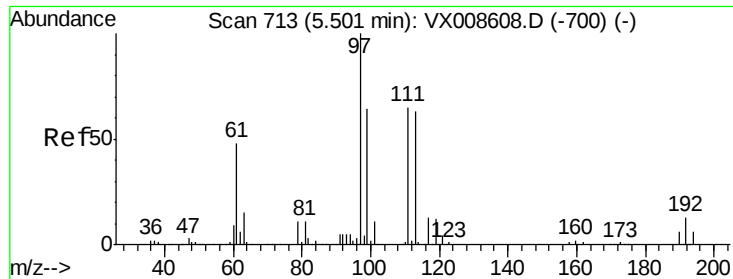
Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.2

88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.605 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

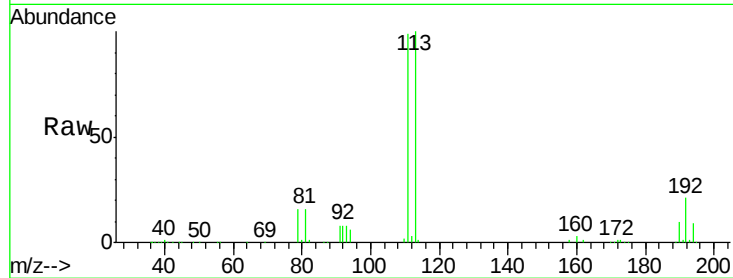
Tot Ion:113 Resp: 105468

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

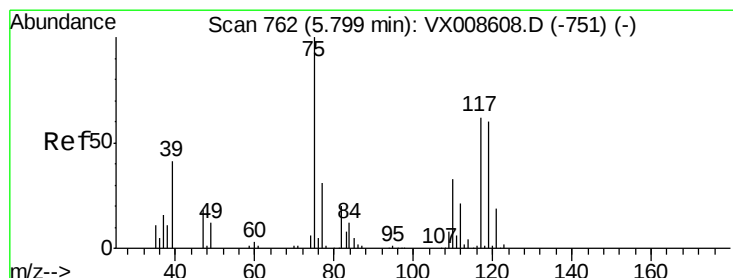
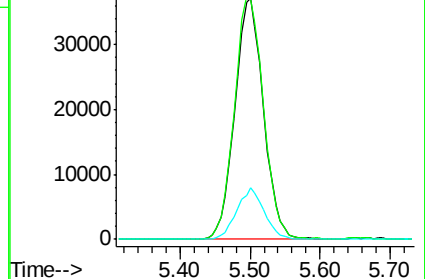
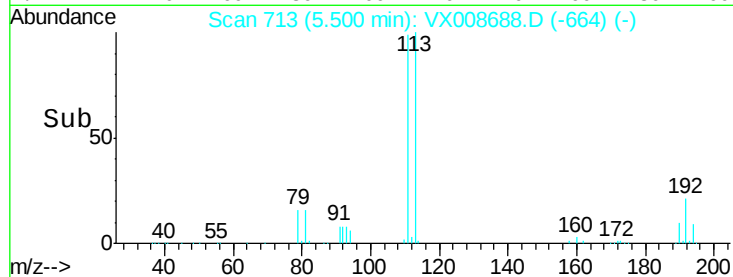
192 20.6 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.353 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

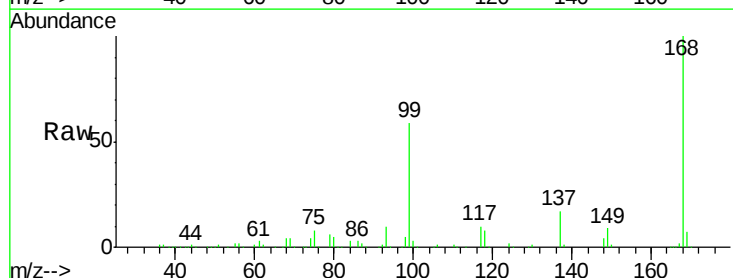
Tgt Ion: 75 Resp: 16488

Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.2#

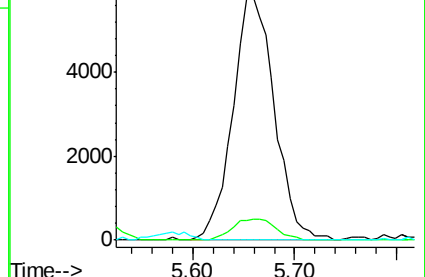
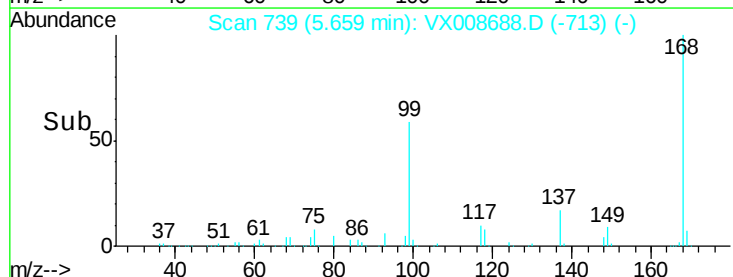
77 0.0 24.7 37.1#

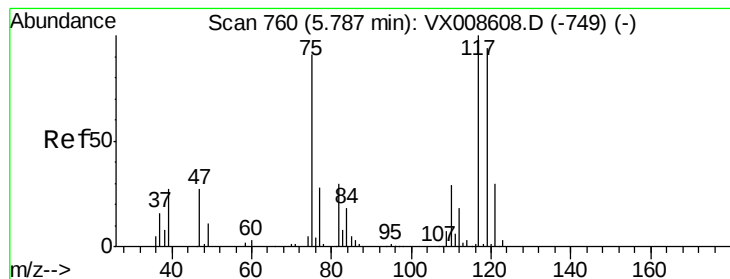


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.362 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

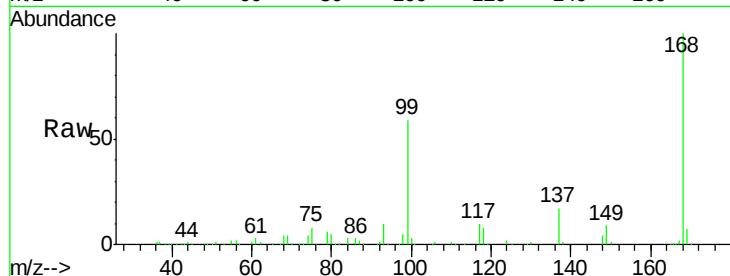
Tot Ion:117 Resp: 19944

Ion Ratio Lower Upper

117 100

119 4.4 75.0 112.6#

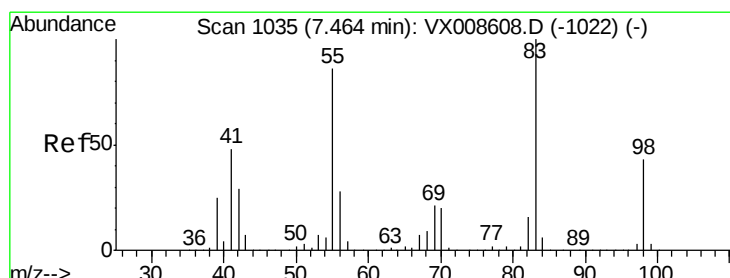
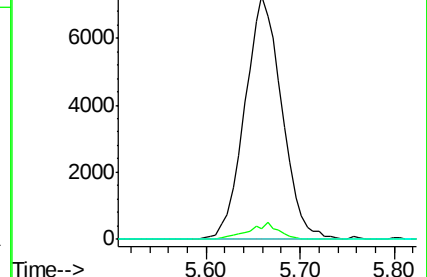
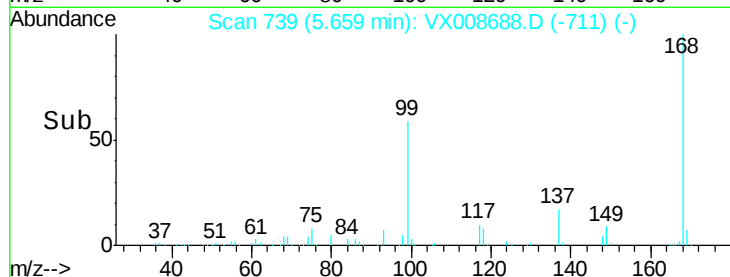
121 0.0 24.3 36.5#



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: 2.172 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

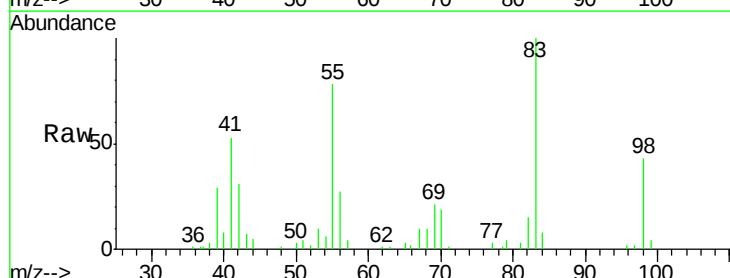
Tgt Ion: 83 Resp: 10164

Ion Ratio Lower Upper

83 100

55 77.6 69.0 103.6

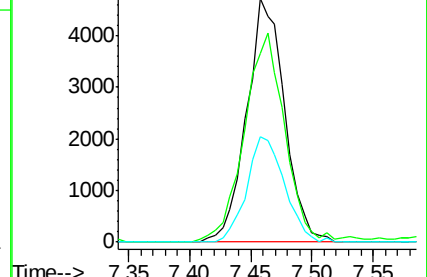
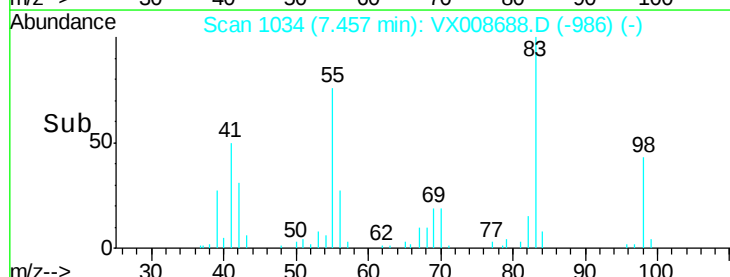
98 43.2 34.4 51.6

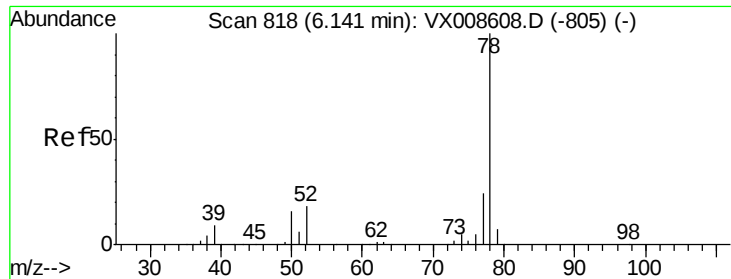


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 48.019 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

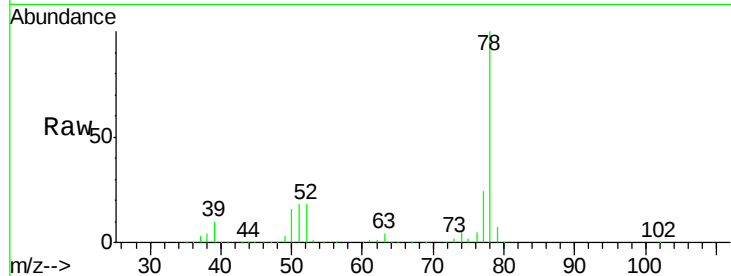
MW-3DL

Tot Ion: 78 Resp: 541859

Ion Ratio Lower Upper

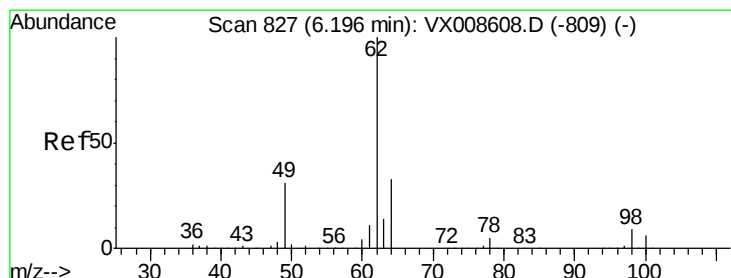
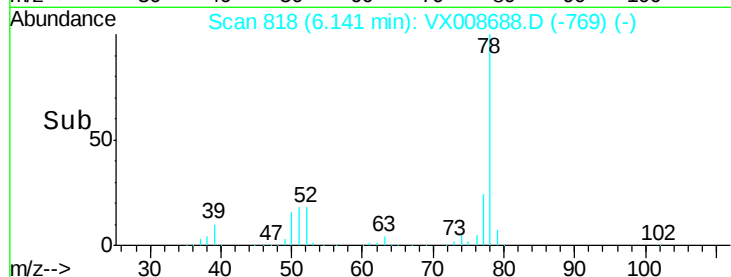
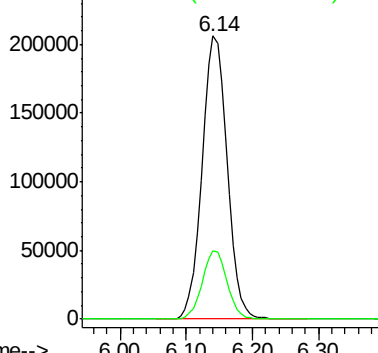
78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 1.301 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.06 min

Lab File: VX008688.D

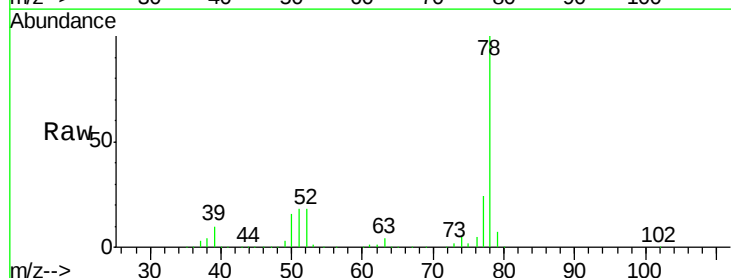
Acq: 05 Apr 2019 17:46

Tgt Ion: 62 Resp: 5262

Ion Ratio Lower Upper

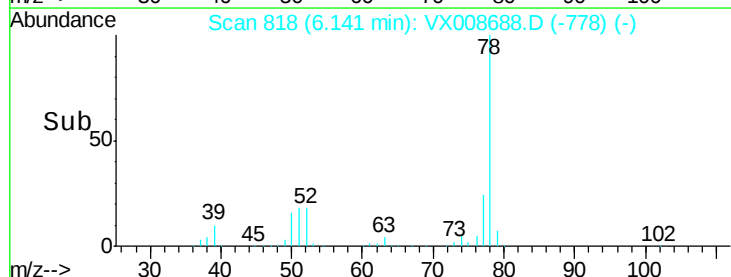
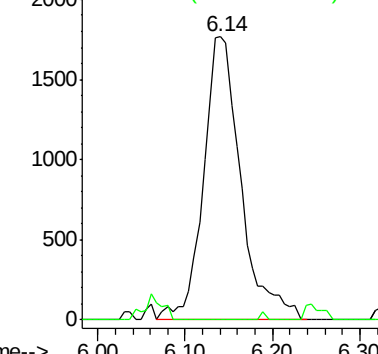
62 100

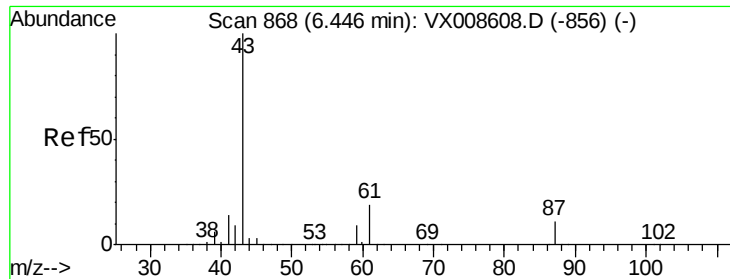
98 0.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.872 ug/l

RT: 6.34 min Scan# 851

Delta R.T. -0.10 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

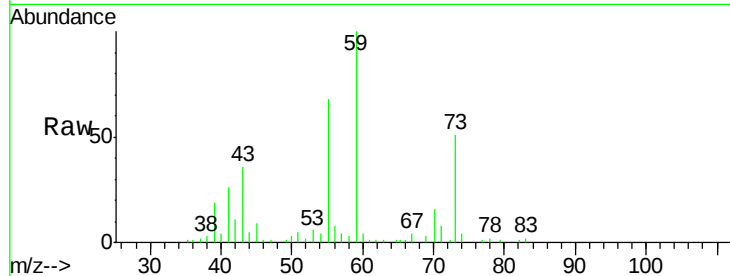
Tot Ion: 43 Resp: 6903

Ion Ratio Lower Upper

43 100

61 2.6 15.3 22.9#

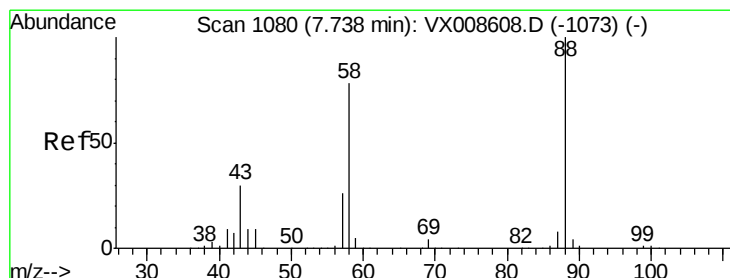
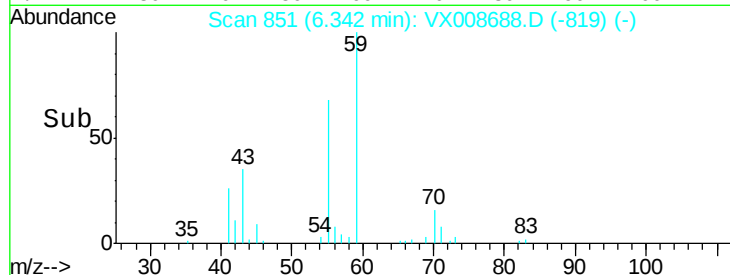
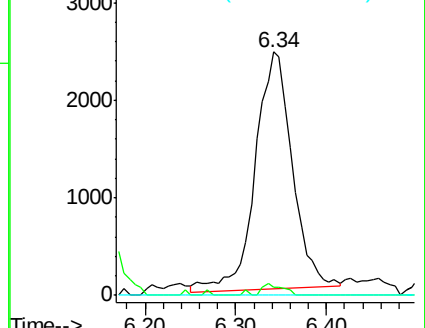
87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#49

1,4-Dioxane

Concen: 0.253 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.06 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

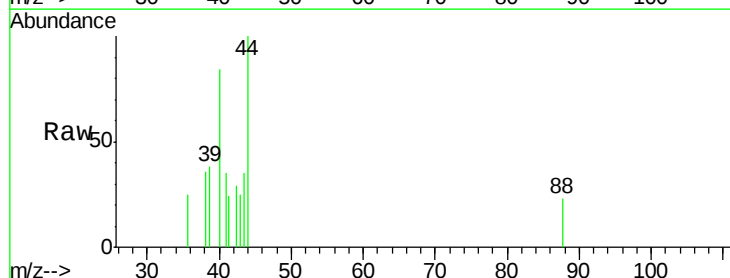
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 273.7 28.6 43.0#

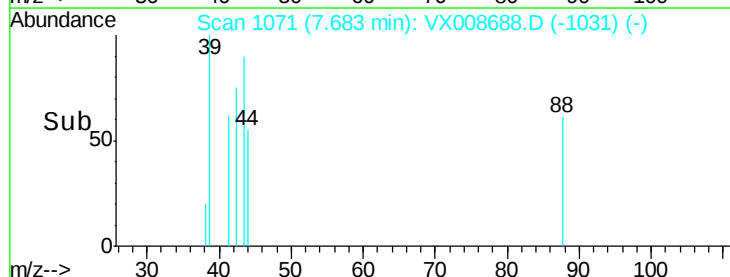
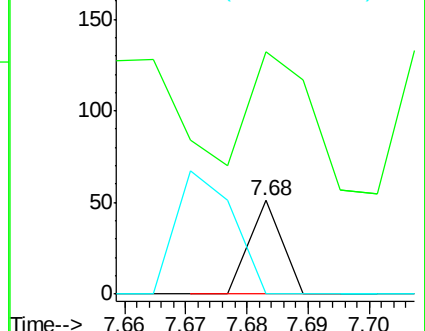
58 226.3 62.2 93.2#

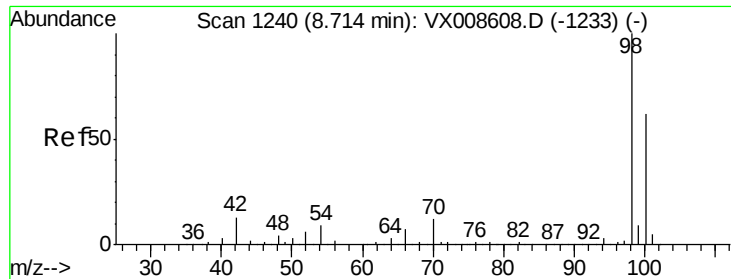


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

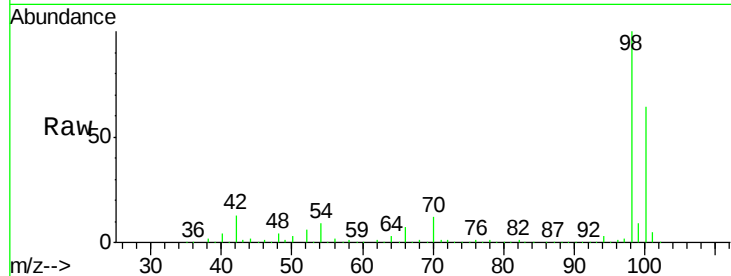




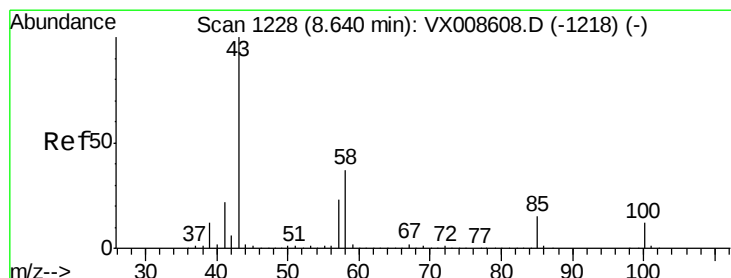
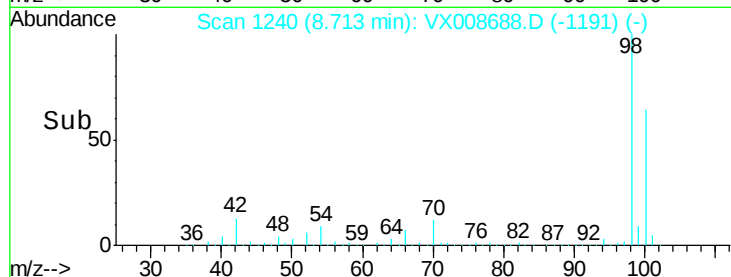
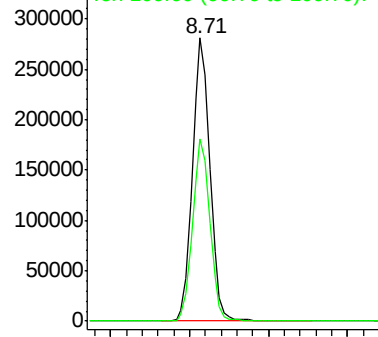
#50
Toluene-d8
Concen: 49.272 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument :
MSVOA_X
ClientSampled :
MW-3DL

Tot Ion: 98 Resp: 434648
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

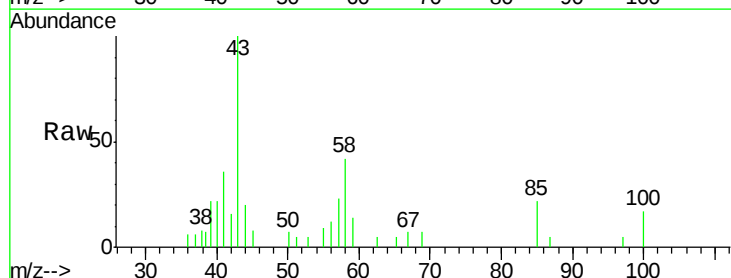


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX

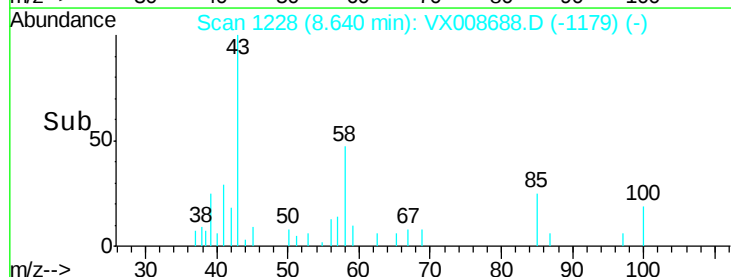
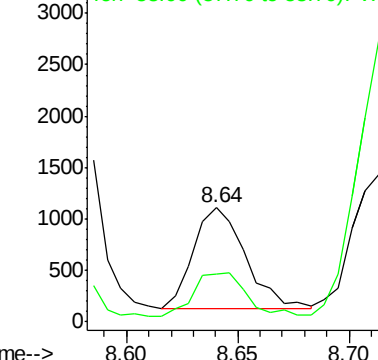


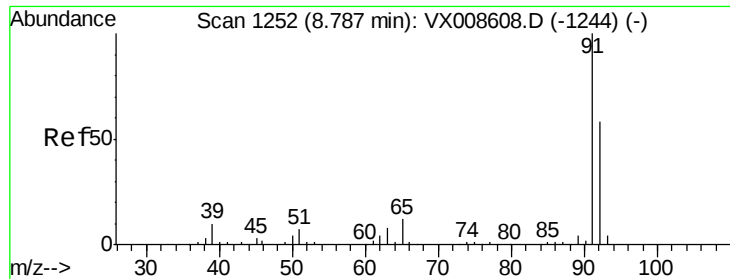
#51
4-Methyl-2-Pentanone
Concen: 0.317 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
58 55.1 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX





#52

Toluene

Concen: 69.832 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

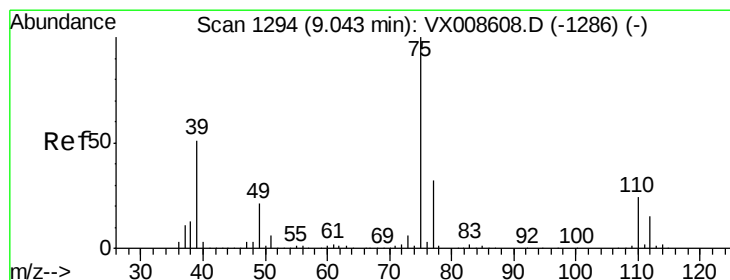
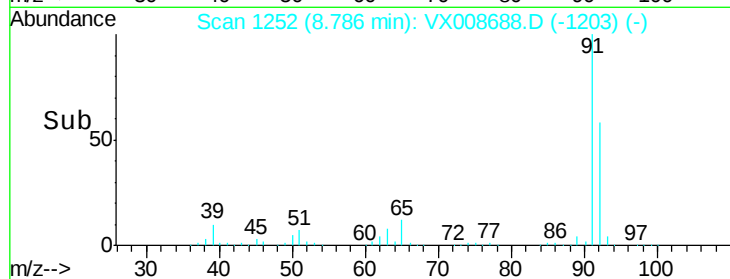
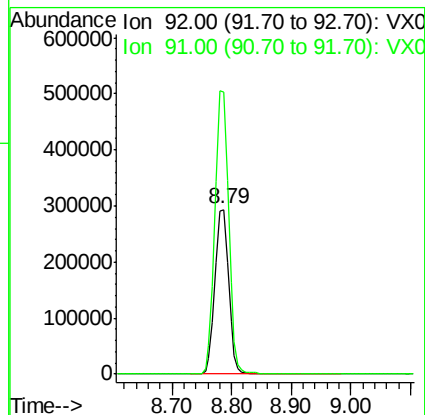
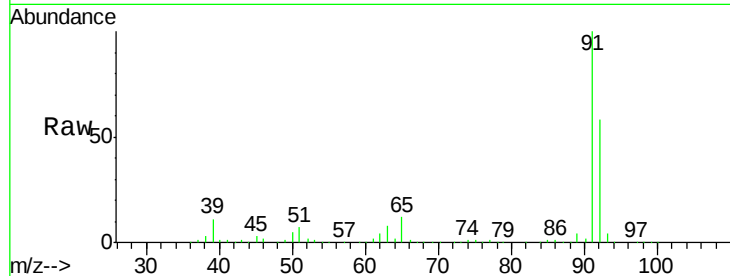
MW-3DL

Tot Ion: 92 Resp: 464567

Ion Ratio Lower Upper

92 100

91 172.5 138.5 207.7



#53

t-1,3-Dichloropropene

Concen: 1.382 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.26 min

Lab File: VX008688.D

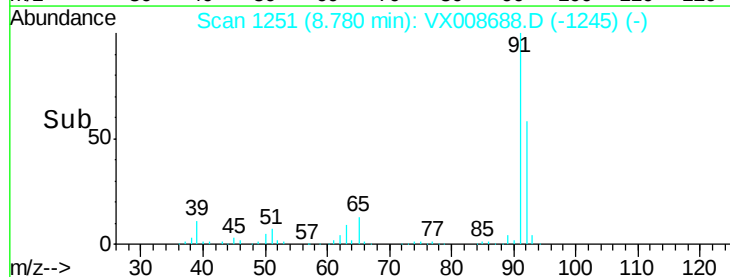
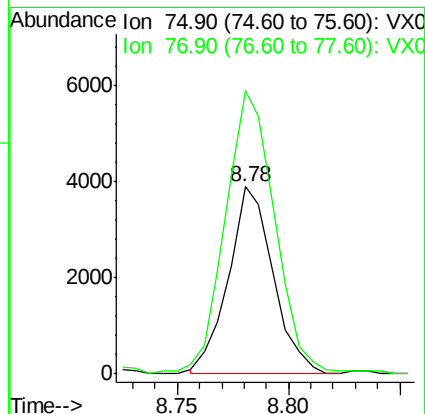
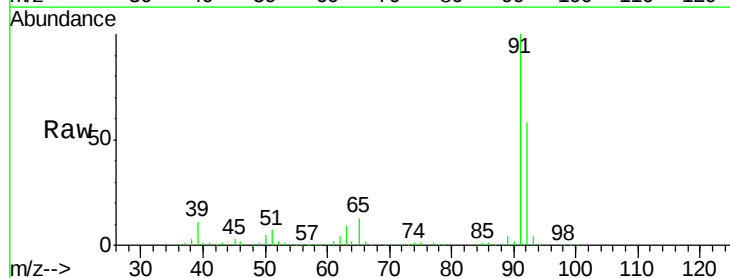
Acq: 05 Apr 2019 17:46

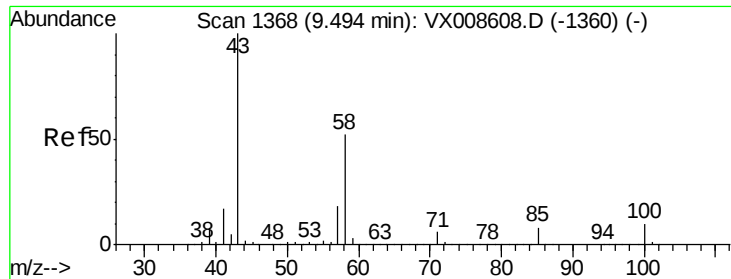
Tgt Ion: 75 Resp: 5452

Ion Ratio Lower Upper

75 100

77 150.1 25.2 37.8#

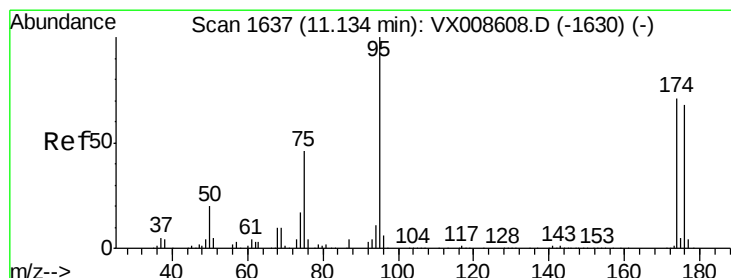
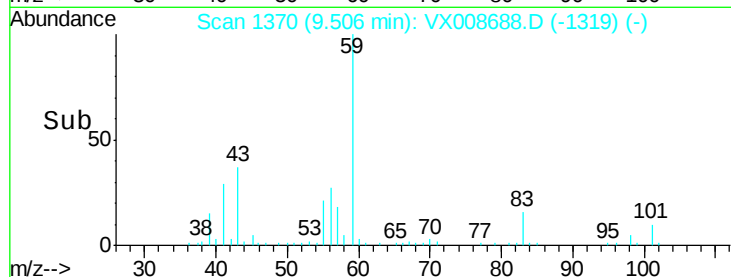
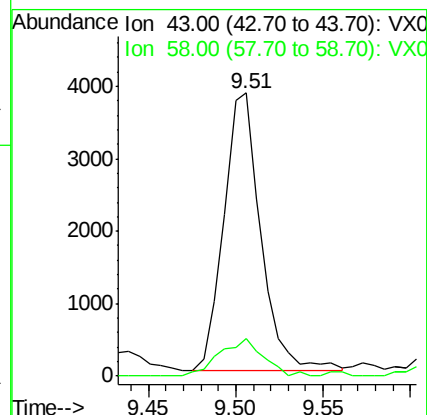
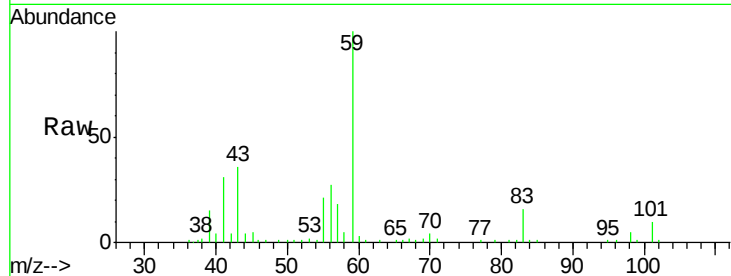




#59
2-Hexanone
Concen: 1.418 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

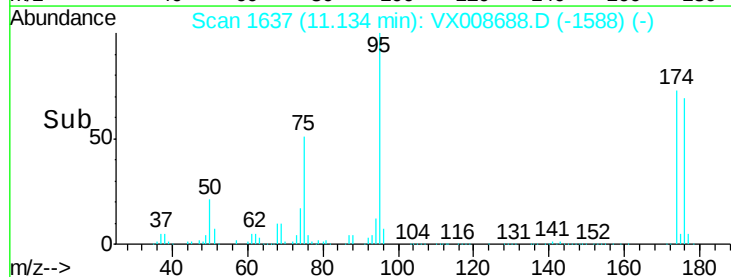
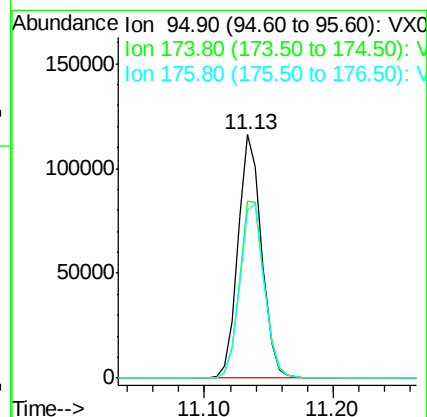
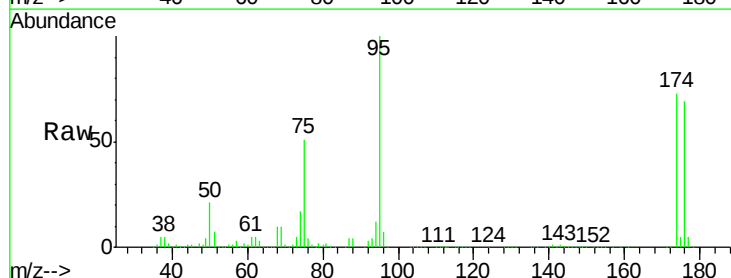
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

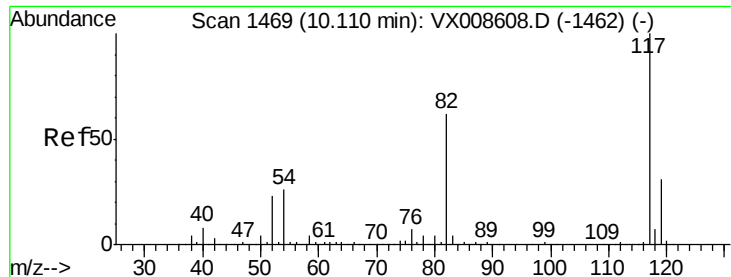
Tot Ion: 43 Resp: 5619
Ion Ratio Lower Upper
43 100
58 16.0 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 47.458 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 95 Resp: 148461
Ion Ratio Lower Upper
95 100
174 76.2 0.0 151.8
176 74.1 0.0 145.8

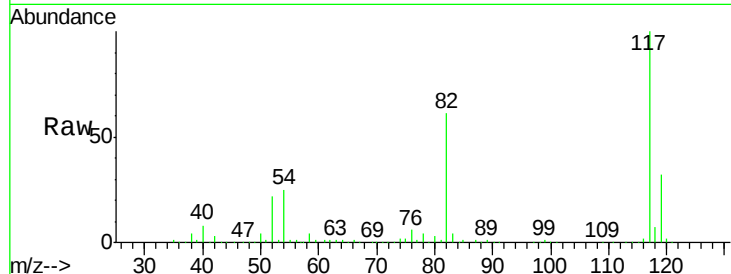




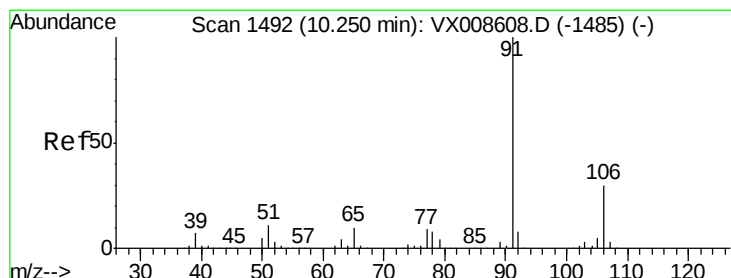
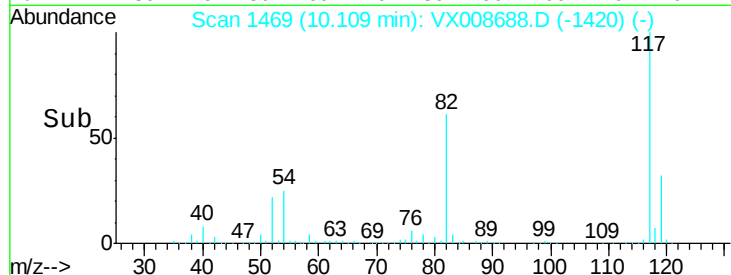
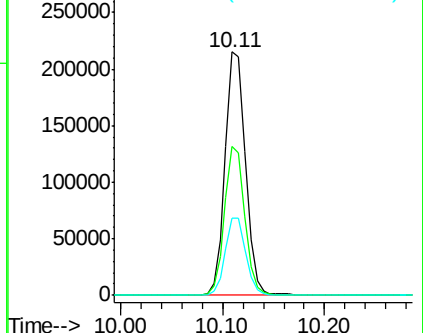
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tot Ion:117 Resp: 300070
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 31.6 25.0 37.4

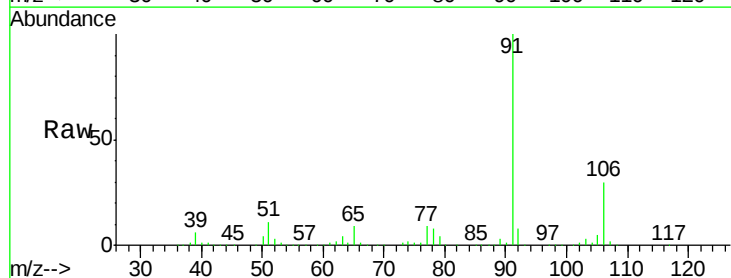


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

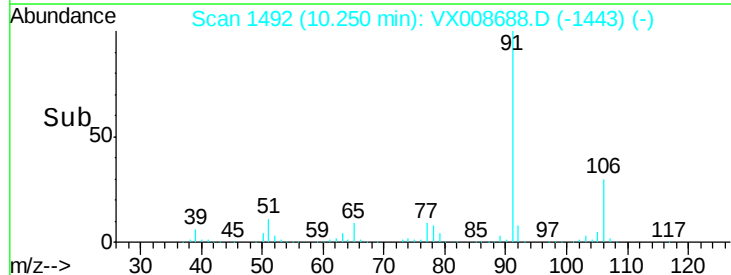
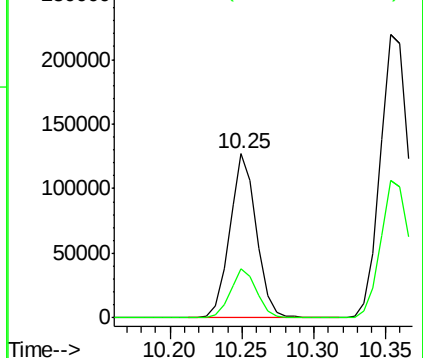


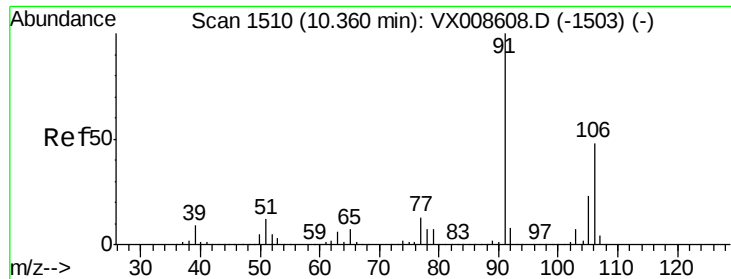
#67
Ethyl Benzene
Concen: 13.276 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 91 Resp: 164667
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



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

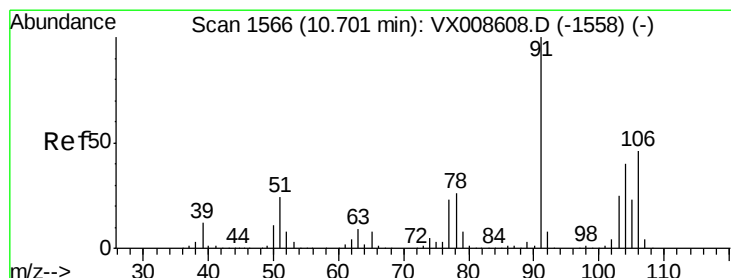
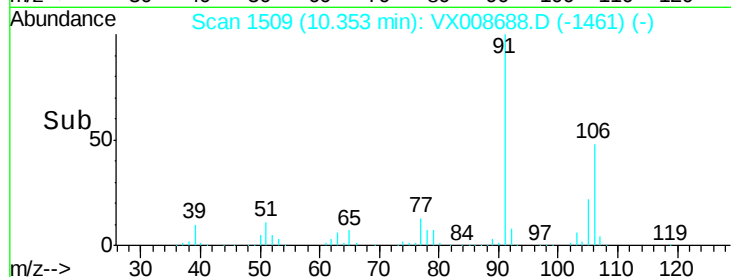
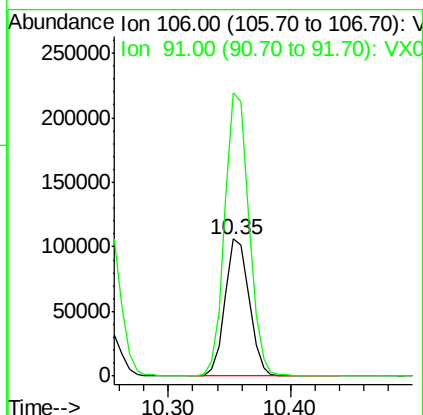
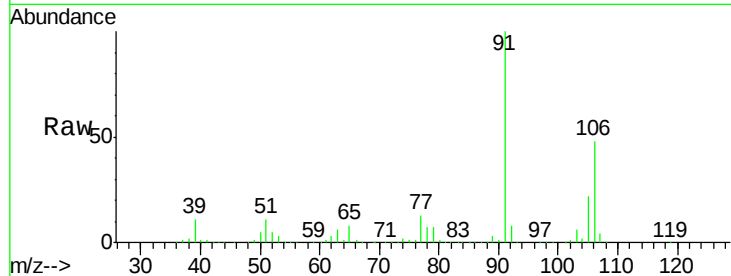




#68
m/p-Xylenes
Concen: 32.479 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

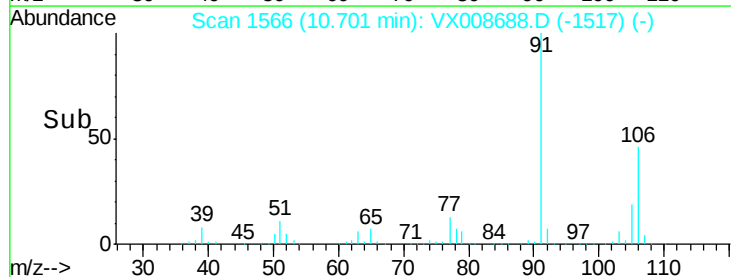
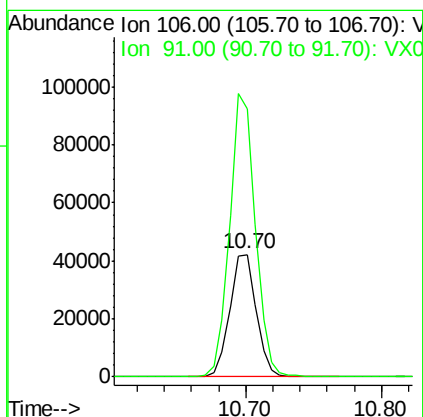
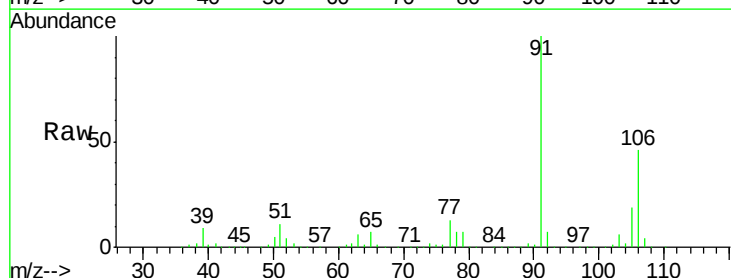
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

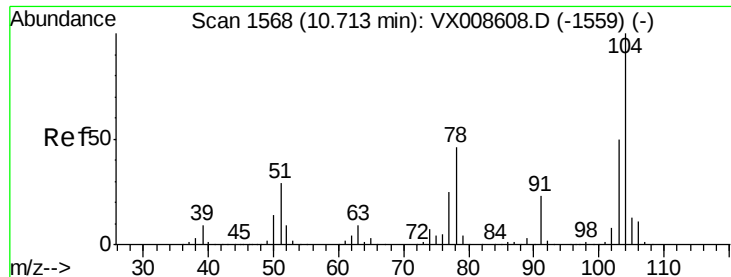
Tot Ion:106 Resp: 144842
Ion Ratio Lower Upper
106 100
91 208.4 168.5 252.7



#69
o-Xylene
Concen: 13.240 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion:106 Resp: 57223
Ion Ratio Lower Upper
106 100
91 224.7 111.5 334.4





#70

Stvrene

Concen: 0.483 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

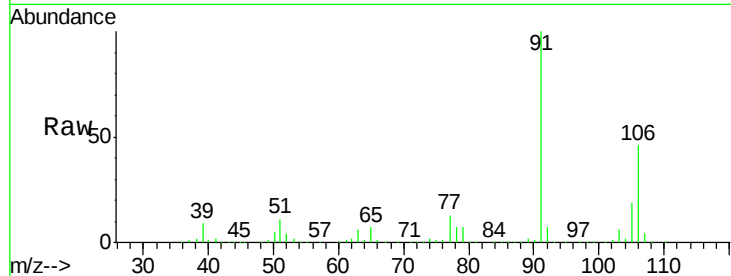
Tot Ion:104 Resp: 3595

Ion Ratio Lower Upper

104 100

78 251.0 42.3 63.5#

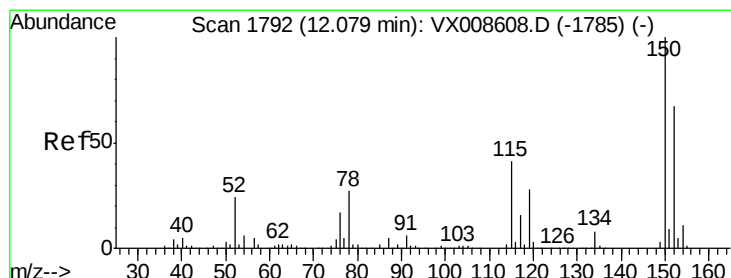
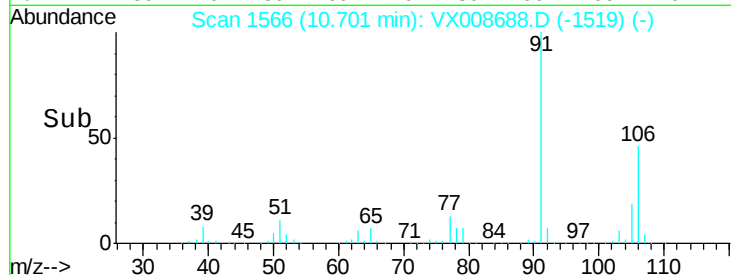
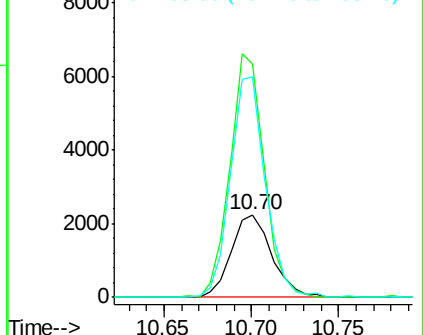
103 232.8 44.4 66.6#



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: VX008688.D

Acq: 05 Apr 2019 17:46

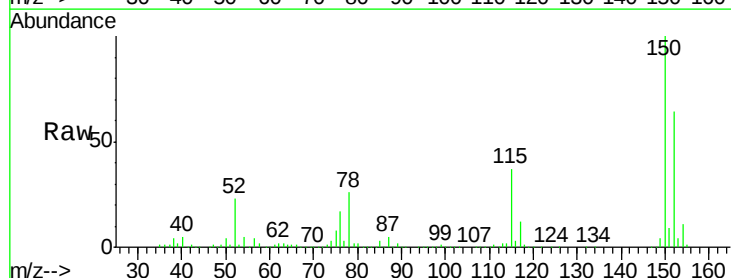
Tgt Ion:152 Resp: 129842

Ion Ratio Lower Upper

152 100

115 59.5 43.5 130.5

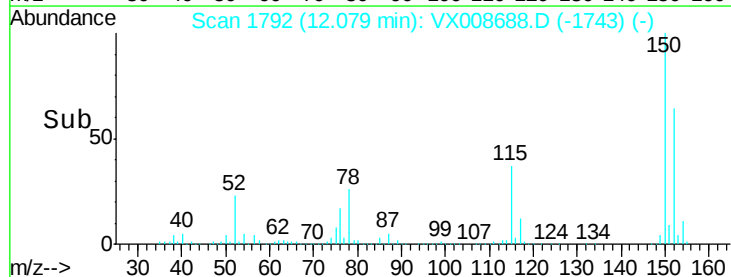
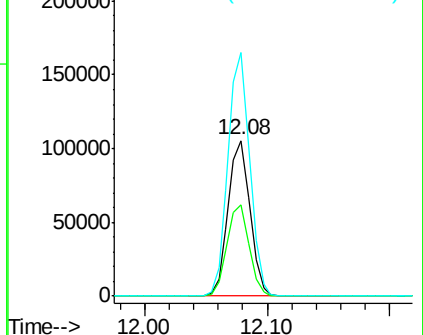
150 156.2 0.0 348.8

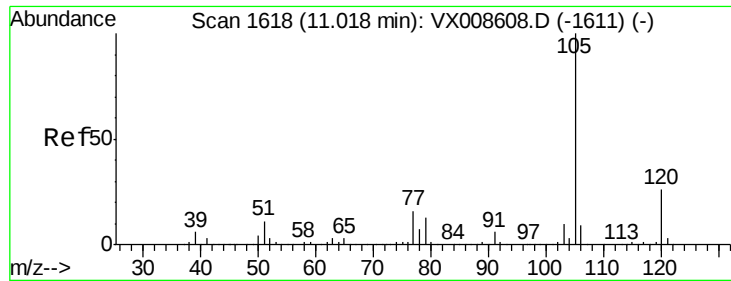


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.379 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

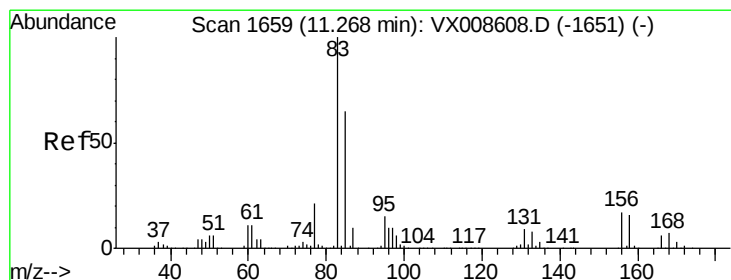
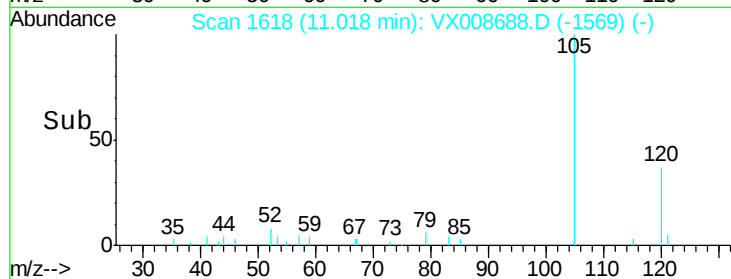
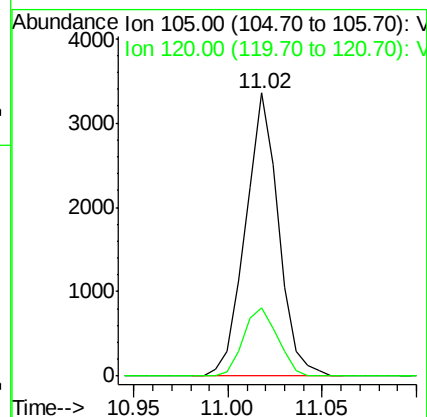
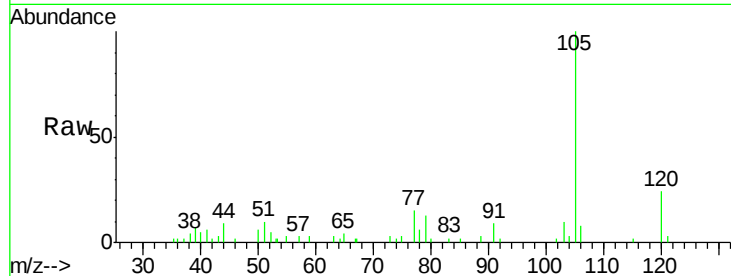
MW-3DL

Tot Ion:105 Resp: 4079

Ion Ratio Lower Upper

105 100

120 24.9 12.9 38.6



#75

1,1,2,2-Tetrachloroethane

Concen: 0.552 ug/l

RT: 11.32 min Scan# 1668

Delta R.T. 0.05 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

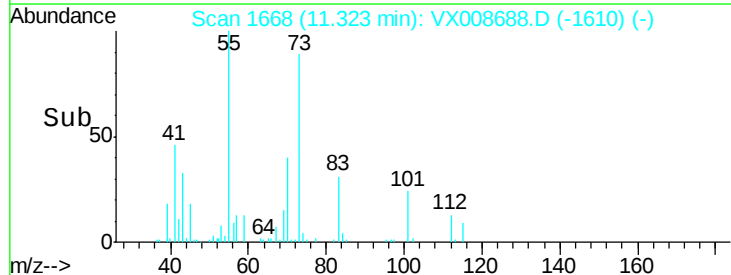
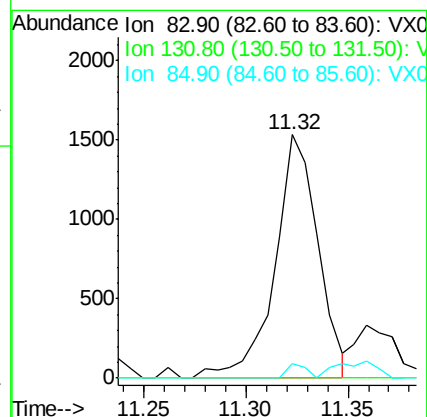
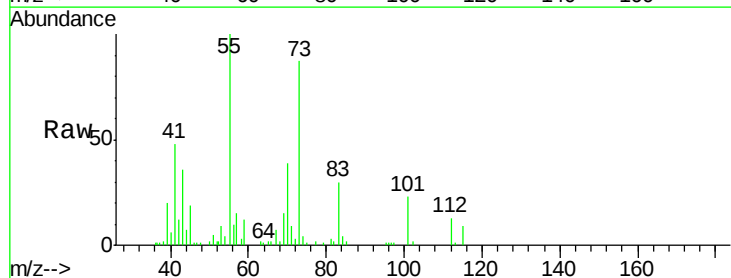
Tgt Ion: 83 Resp: 2258

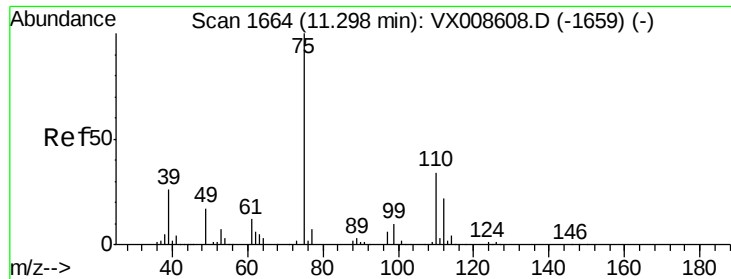
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

85 2.5 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 20.931 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

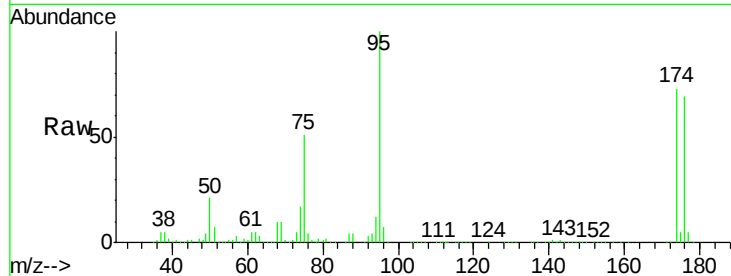
MW-3DL

Tot Ion: 75 Resp: 74659

Ion Ratio Lower Upper

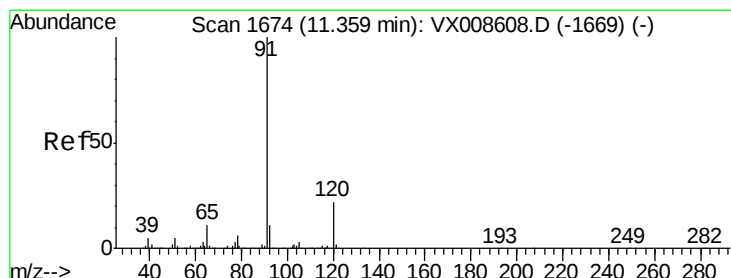
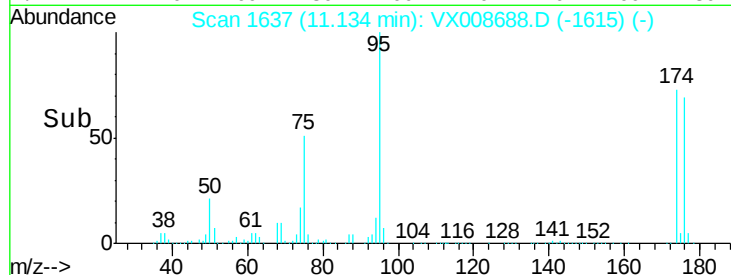
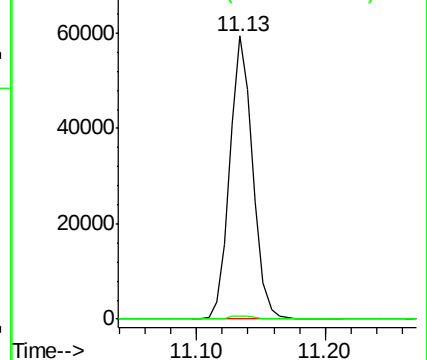
75 100

77 1.2 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.813 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008688.D

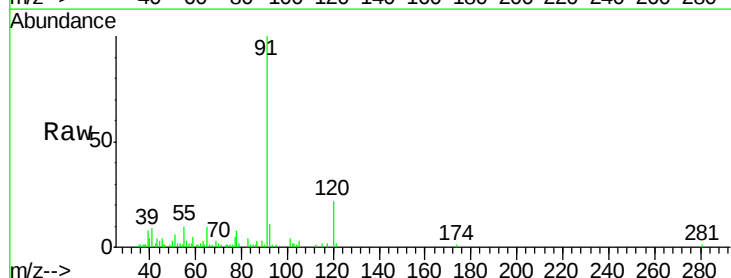
Acq: 05 Apr 2019 17:46

Tgt Ion: 91 Resp: 10187

Ion Ratio Lower Upper

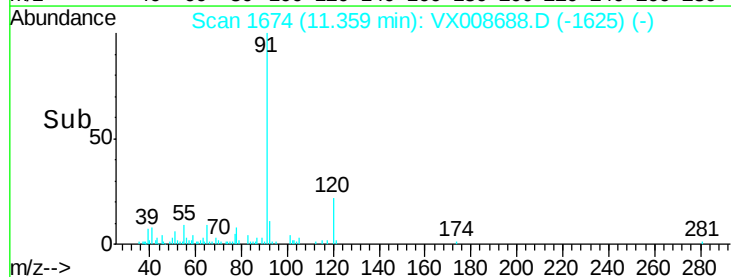
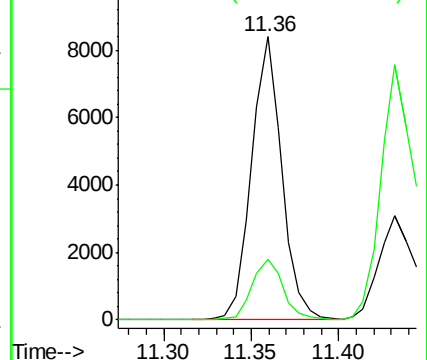
91 100

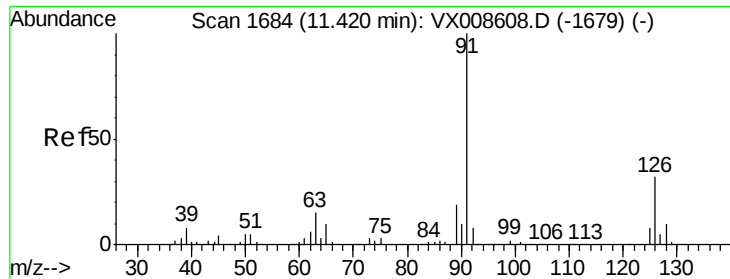
120 22.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.707 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

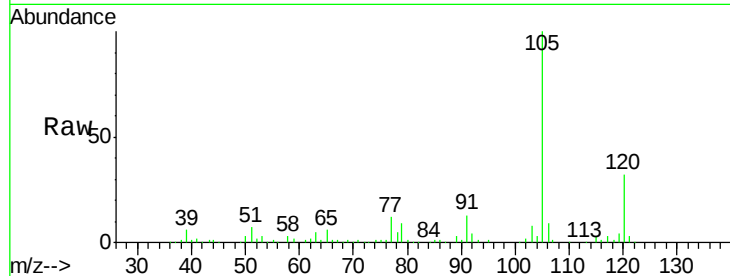
MW-3DL

Tot Ion: 91 Resp: 5358

Ion Ratio Lower Upper

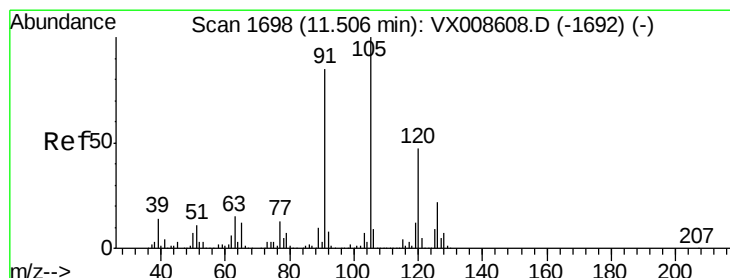
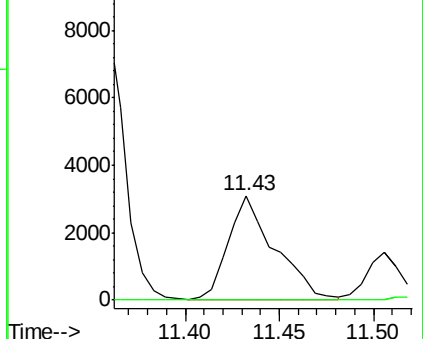
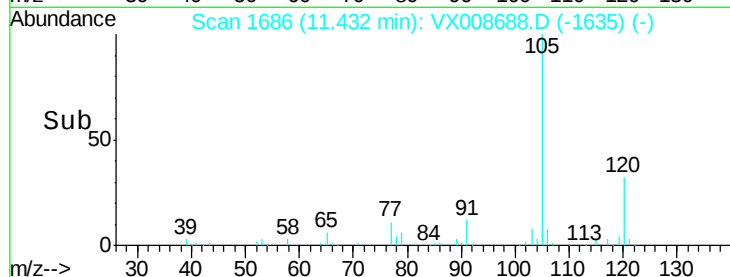
91 100

126 0.0 16.1 48.3#



Abundance Ion 91.00 (90.70 to 91.70): VX008688.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008688.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.555 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008688.D

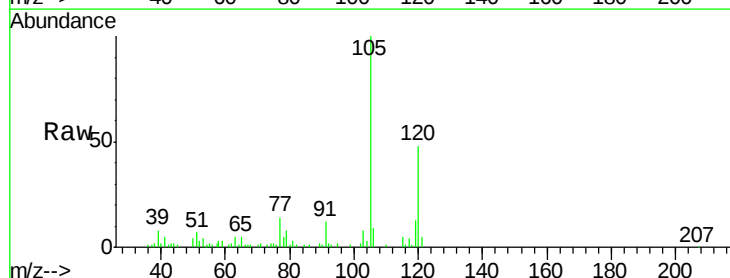
Acq: 05 Apr 2019 17:46

Tgt Ion:105 Resp: 14044

Ion Ratio Lower Upper

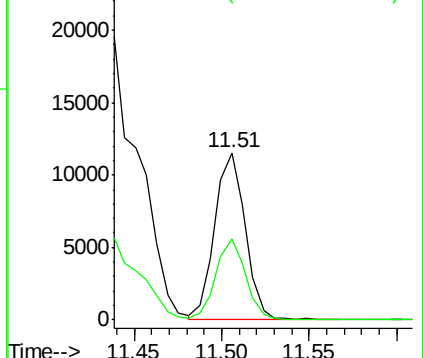
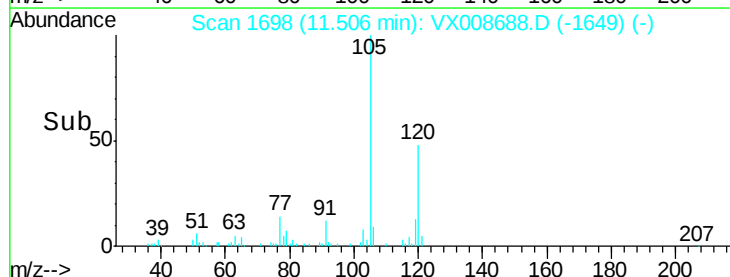
105 100

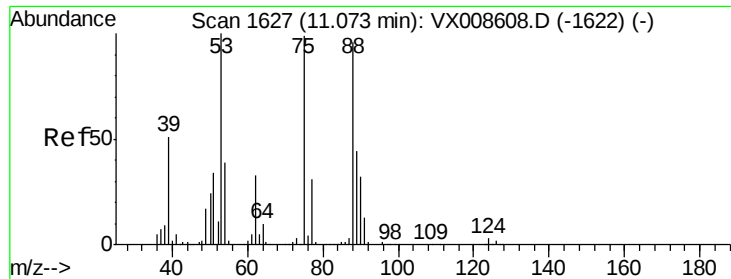
120 47.3 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008688.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008688.D (-1692) (-)

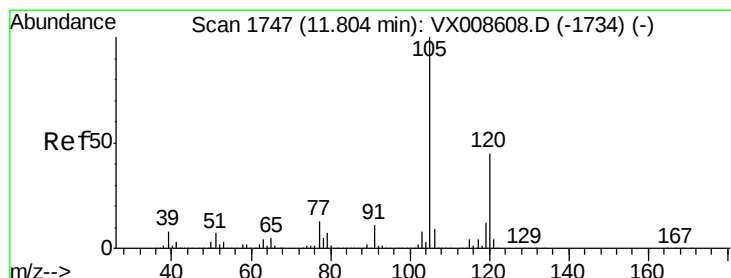
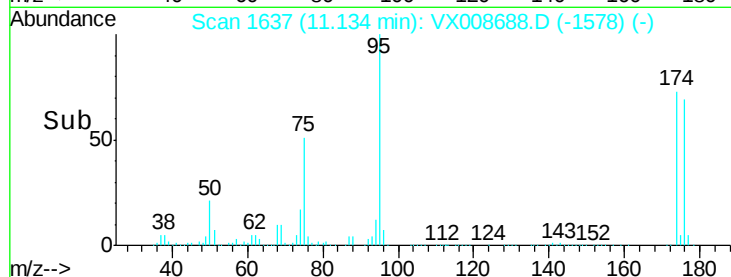
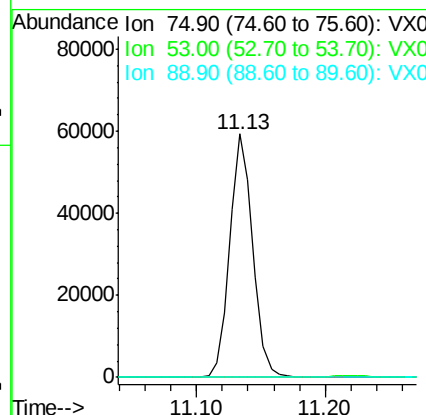
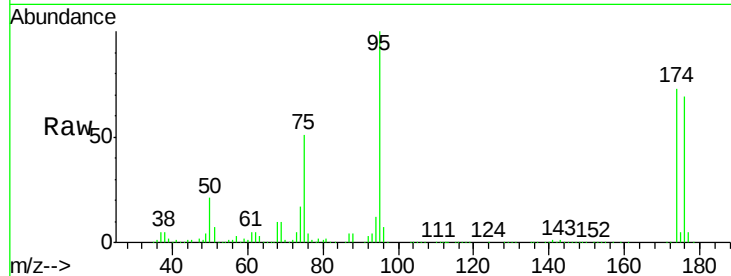




#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.698 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008688.D
 Acq: 05 Apr 2019 17:46

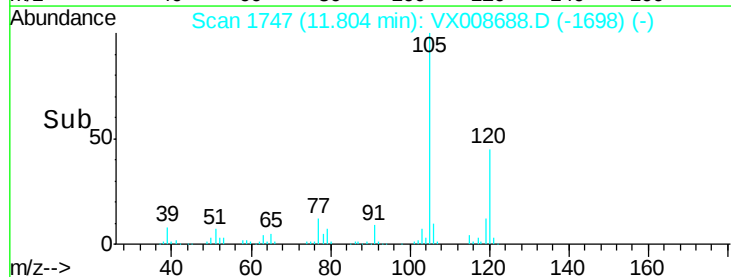
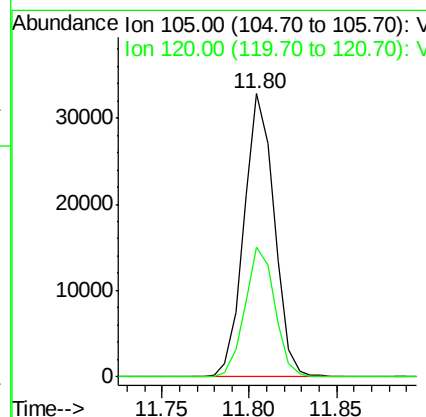
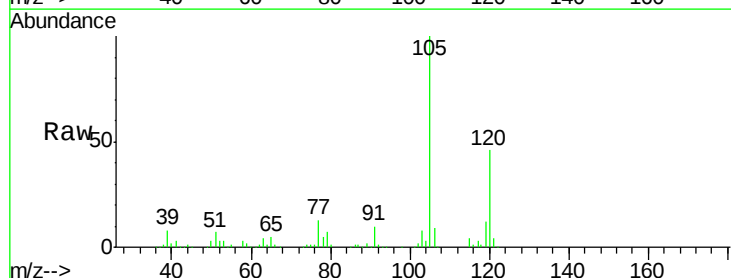
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

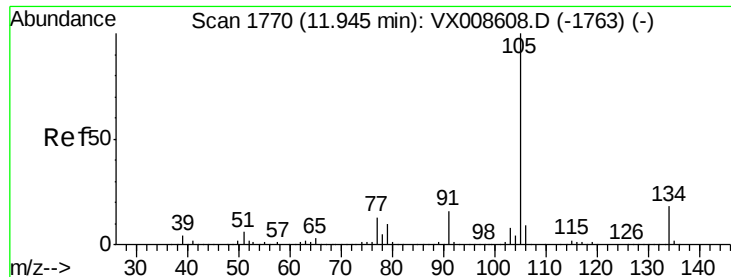
Tot Ion: 75 Resp: 74659
 Ion Ratio Lower Upper
 75 100
 53 0.3 81.3 121.9#
 89 0.0 35.6 53.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 4.325 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008688.D
 Acq: 05 Apr 2019 17:46

Tgt Ion:105 Resp: 39560
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.8 65.3





#85

sec-Butylbenzene

Concen: 3.833 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008688.D

Acq: 05 Apr 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

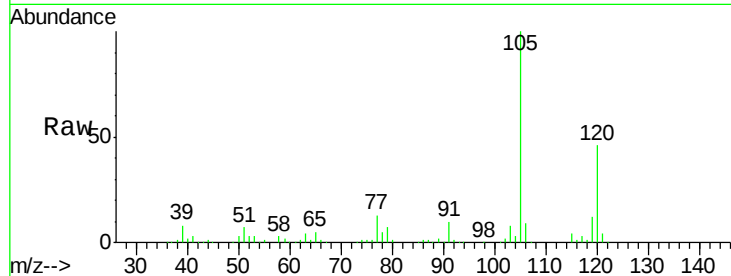
MW-3DL

Tot Ion:105 Resp: 39560

Ion Ratio Lower Upper

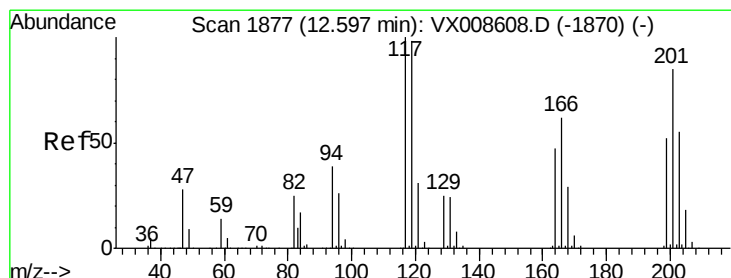
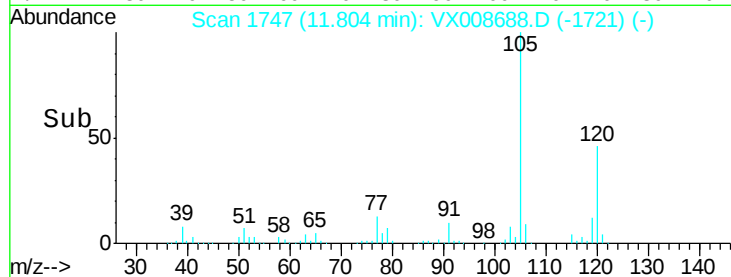
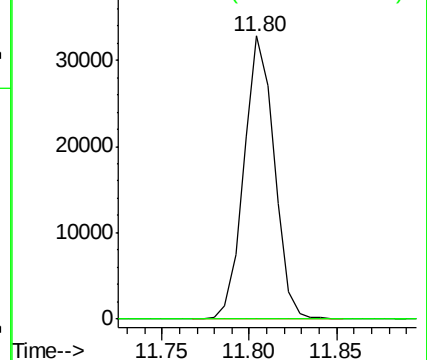
105 100

134 0.0 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.218 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX008688.D

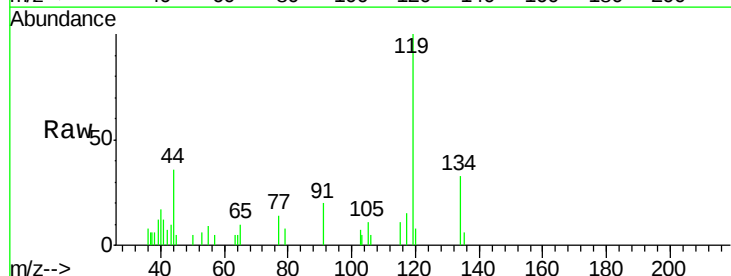
Acq: 05 Apr 2019 17:46

Tgt Ion:117 Resp: 335

Ion Ratio Lower Upper

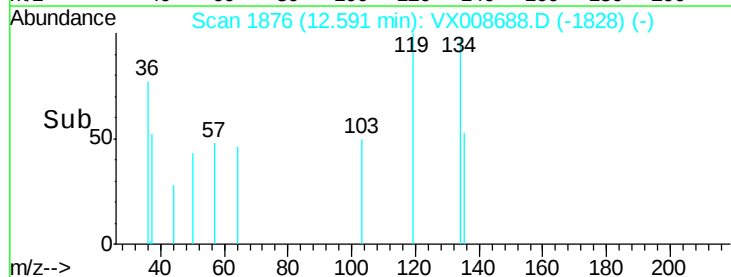
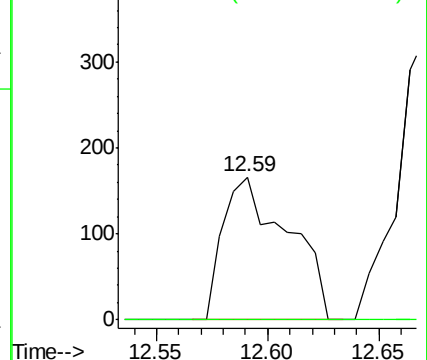
117 100

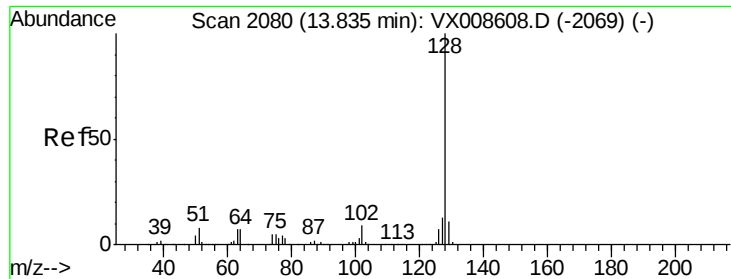
201 0.0 40.6 122.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95
Naphthalene
Concen: 0.476 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	12.0	8.6	13.0

