

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040519\
 Data File : VX008687.D
 Acq On : 05 Apr 2019 17:23
 Operator : JC/SP
 Sample : K2263-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Apr 06 01:24:36 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	201714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	335890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126920	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	136767	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
35) Dibromofluoromethane	5.50	113	100441	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
50) Toluene-d8	8.71	98	425157	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	144560	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	592	Below Cal	#	87
5) Bromomethane	1.64	94	957	2.481	ug/l	82
6) Chloroethane	1.71	64	921	Below Cal	#	55
10) Methyl Iodide	2.50	142	687	4.314	ug/l #	96
11) Tert butyl alcohol	3.07	59	23133	33.585	ug/l	98
13) Acrolein	2.25	56	1505	4.407	ug/l #	1
14) Allyl chloride	2.84	41	2252	0.422	ug/l #	62
15) Acrylonitrile	3.16	53	1066	0.584	ug/l #	67
16) Acetone	2.45	43	2731	1.612	ug/l	98
17) Carbon Disulfide	2.56	76	1548	Below Cal	#	79
18) Methyl Acetate	2.83	43	5756	1.401	ug/l #	56
20) Methylene Chloride	2.85	84	1427	0.503	ug/l #	86
28) Bromochloromethane	5.04	49	112	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	926	0.521	ug/l #	83
31) Cyclohexane	5.57	56	27648	5.439	ug/l	97
36) 1,1-Dichloropropene	5.65	75	16780	4.570	ug/l #	50
38) Carbon Tetrachloride	5.66	117	19714	6.487	ug/l #	17
39) Methylcyclohexane	7.46	83	8932	1.969	ug/l	99
40) Benzene	6.14	78	943985	86.302	ug/l	100
42) 1,2-Dichloroethane	6.19	62	15120	3.856	ug/l	99
43) Isopropyl Acetate	6.36	43	48949	6.376	ug/l #	64
48) Methyl methacrylate	7.73	41	845	0.218	ug/l #	79
49) 1,4-Dioxane	7.77	88	25	0.344	ug/l #	1
51) 4-Methyl-2-Pentanone	8.57	43	11412	2.309	ug/l #	62
52) Toluene	8.78	92	1539	0.239	ug/l	100
59) 2-Hexanone	9.51	43	3031	0.789	ug/l #	58
68) m/p-Xylenes	10.35	106	1685	0.383	ug/l	96
69) o-Xylene	10.69	106	51417	12.053	ug/l	98
70) Styrene	10.69	104	2921	0.397	ug/l #	1
73) Isopropylbenzene	11.02	105	3770	0.358	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	73681	21.133	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	73681	58.253	ug/l #	9
95) Naphthalene	13.83	128	7047	0.675	ug/l	97

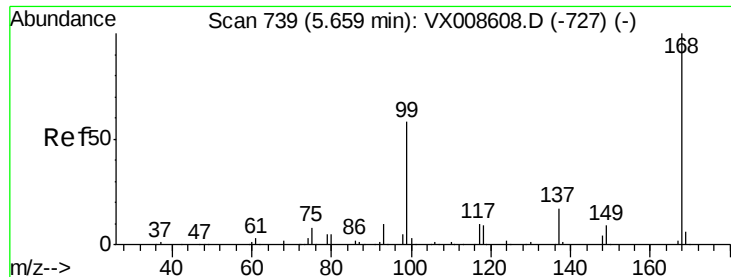
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040519\
Data File : VX008687.D
Acq On : 05 Apr 2019 17:23
Operator : JC/SP
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Quant Time: Apr 06 01:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

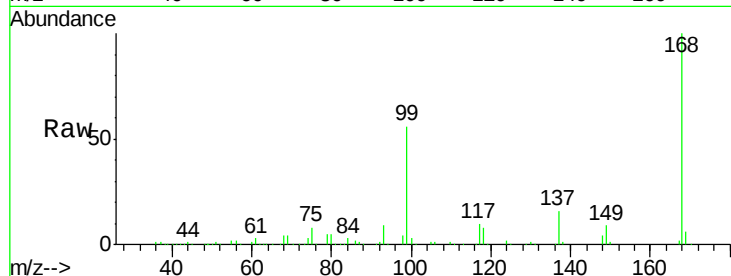
MW-2DL

Tot Ion:168 Resp: 201714

Ion Ratio Lower Upper

168 100

99 56.1 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

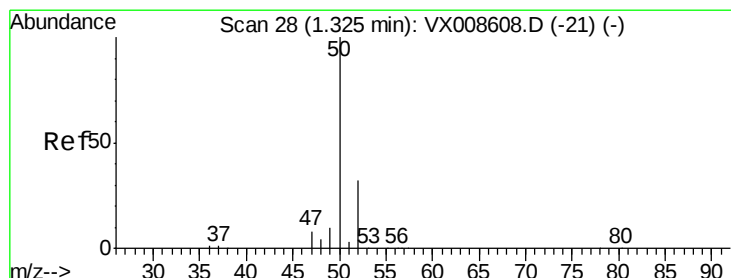
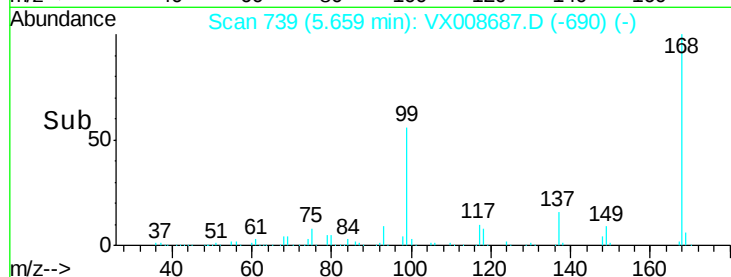
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX008687.D

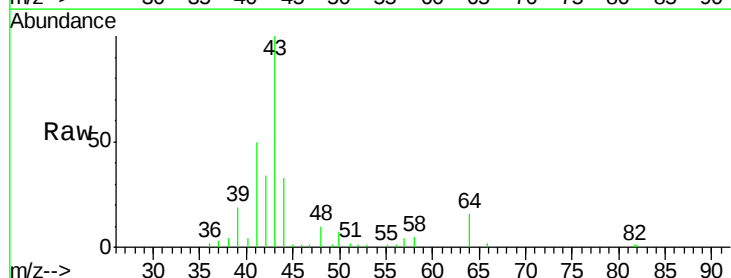
Acq: 05 Apr 2019 17:23

Tgt Ion: 50 Resp: 592

Ion Ratio Lower Upper

50 100

52 24.8 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

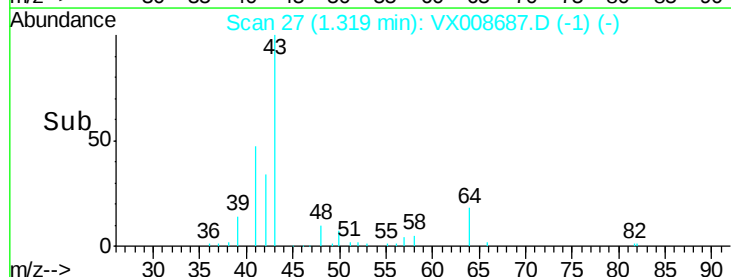
3000

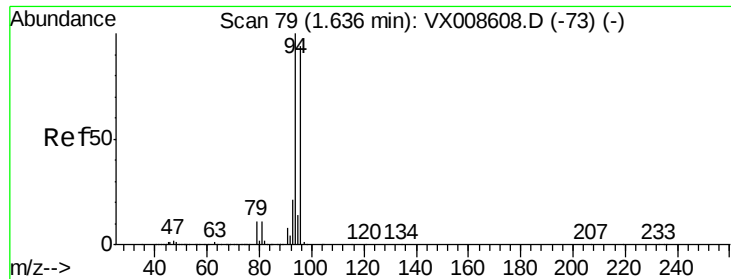
2000

1000

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 2.481 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

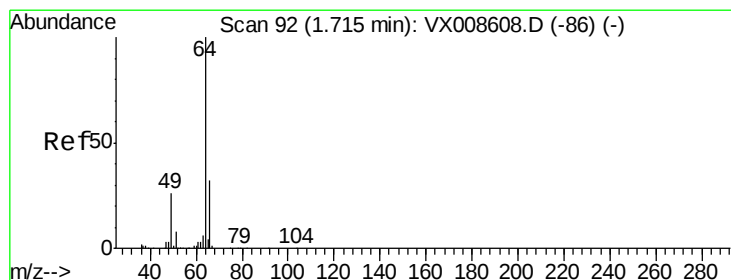
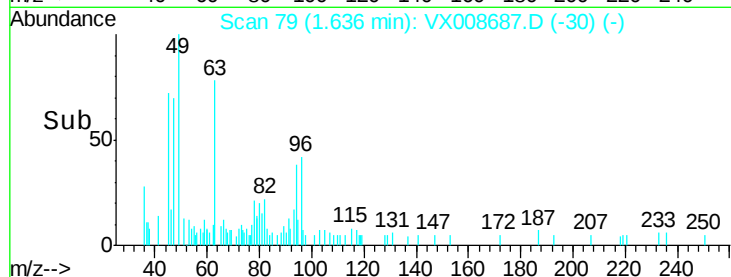
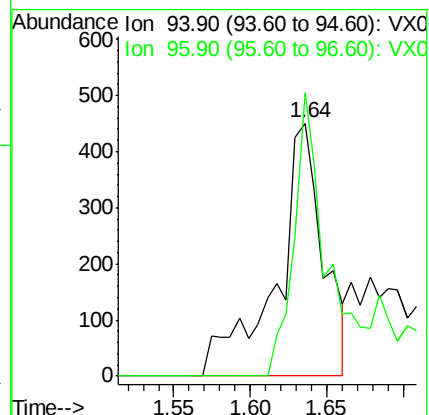
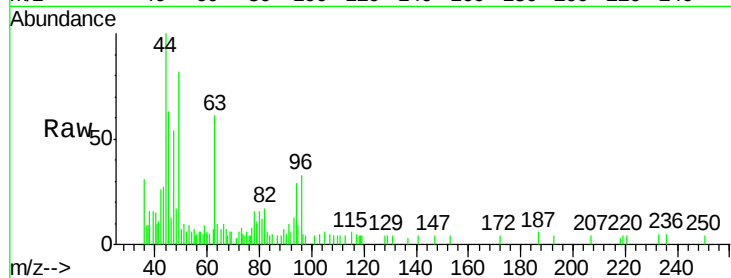
MW-2DL

Tot Ion: 94 Resp: 957

Ion Ratio Lower Upper

94 100

96 111.8 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008687.D

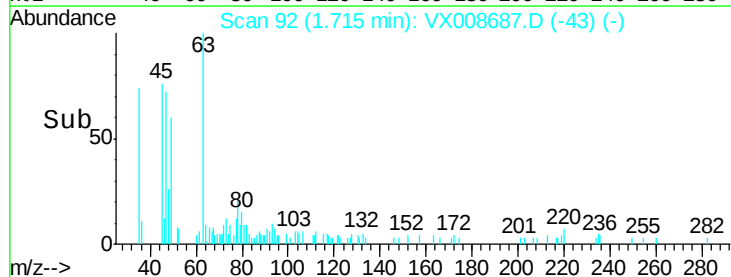
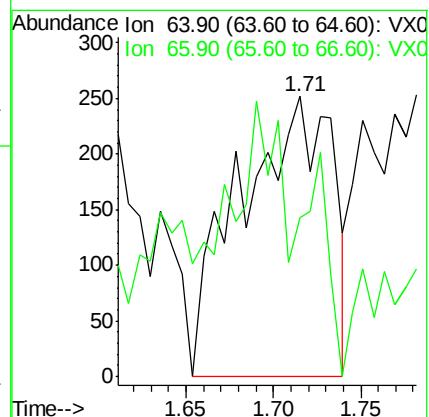
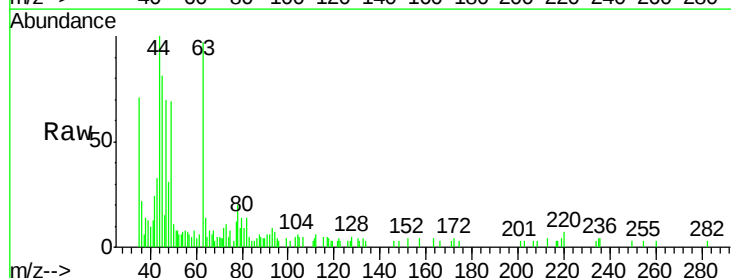
Acq: 05 Apr 2019 17:23

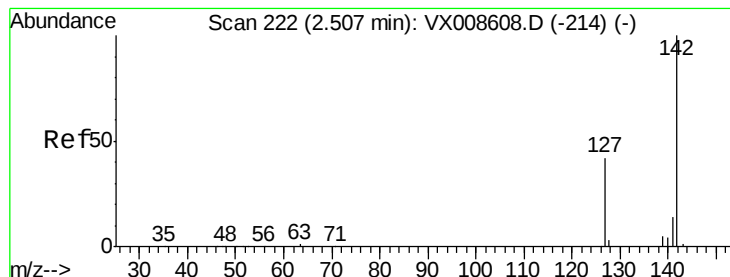
Tgt Ion: 64 Resp: 921

Ion Ratio Lower Upper

64 100

66 56.7 25.4 38.0#

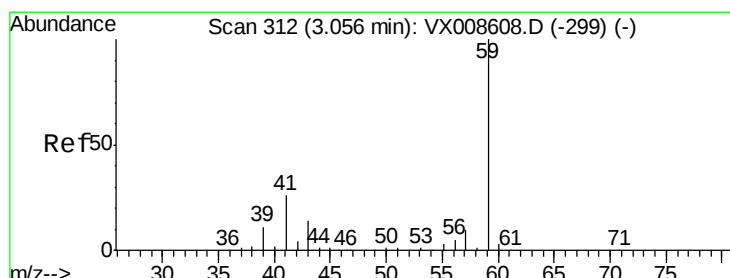
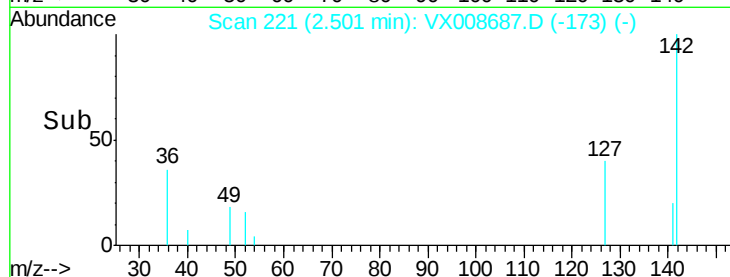
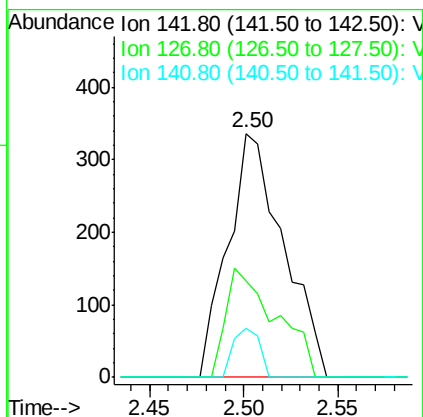
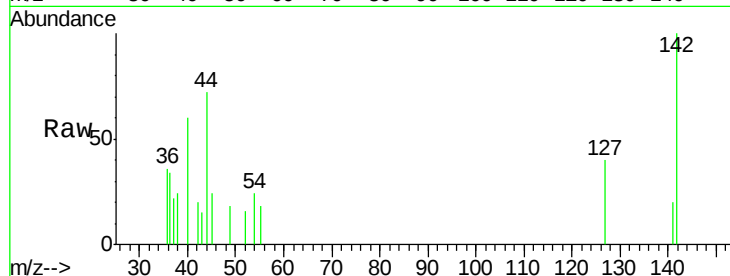




#10
Methvl Iodide
Concen: 4.314 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

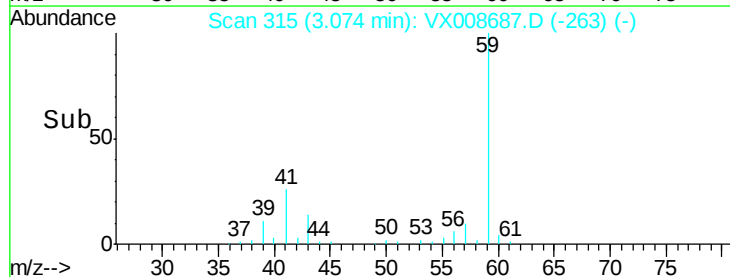
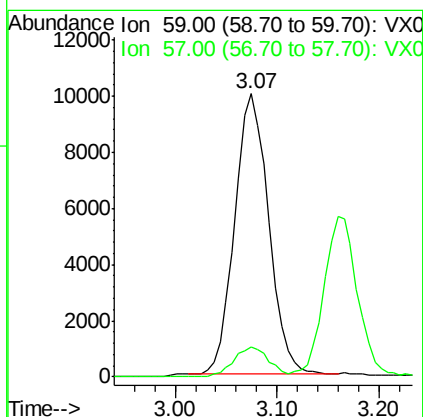
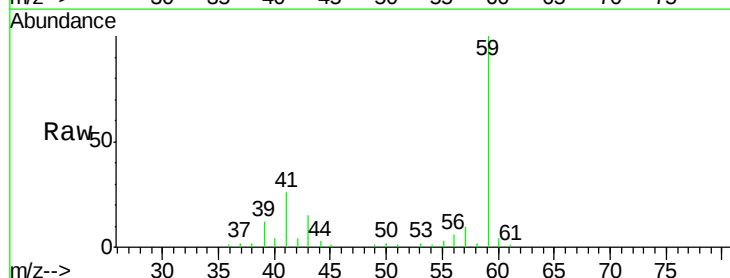
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

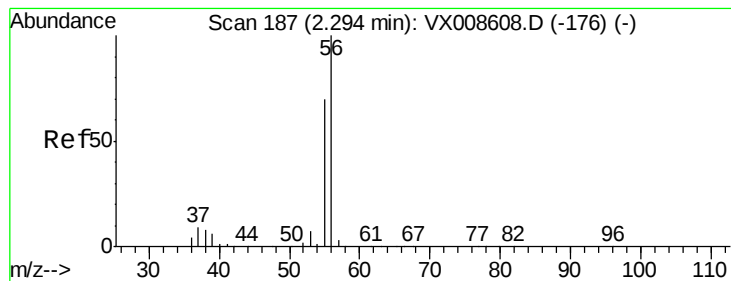
Tot Ion:142 Resp: 687
Ion Ratio Lower Upper
142 100
127 40.5 33.0 49.6
141 9.5 11.4 17.2#



#11
Tert butyl alcohol
Concen: 33.585 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Tgt Ion: 59 Resp: 23133
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5





#13

Acrolein

Concen: 4.407 ug/l

RT: 2.25 min Scan# 179

Delta R.T. -0.05 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

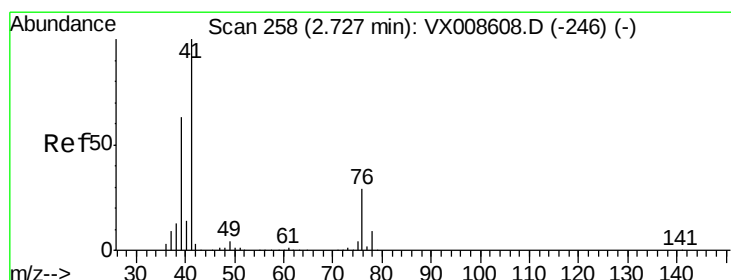
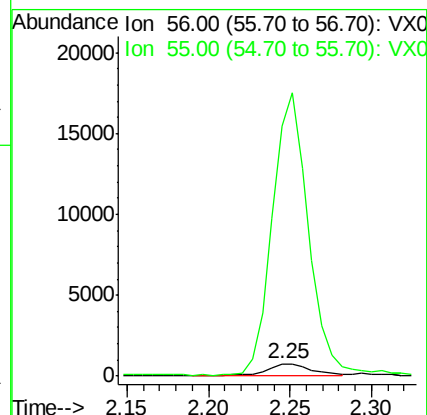
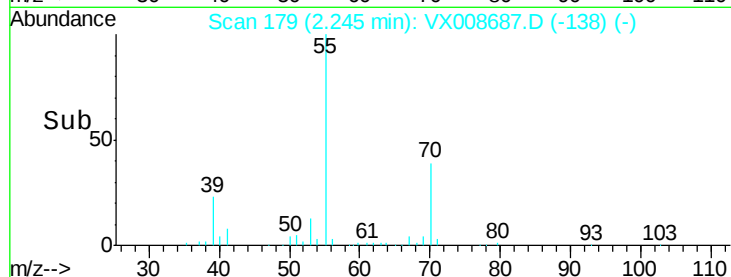
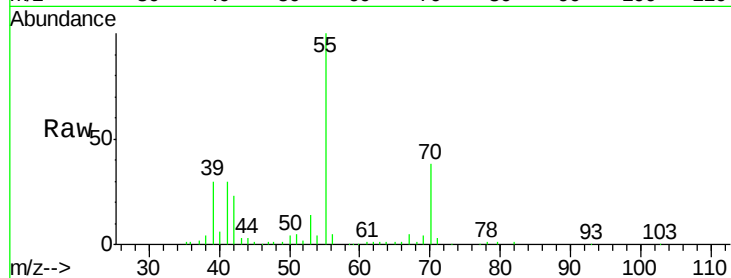
MW-2DL

Tot Ion: 56 Resp: 1505

Ion Ratio Lower Upper

56 100

55 1831.7 58.0 87.0#



#14

Allyl chloride

Concen: 0.422 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.11 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

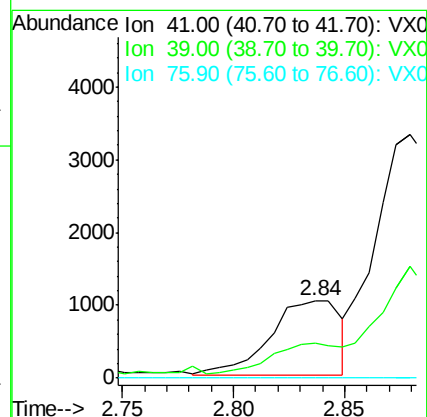
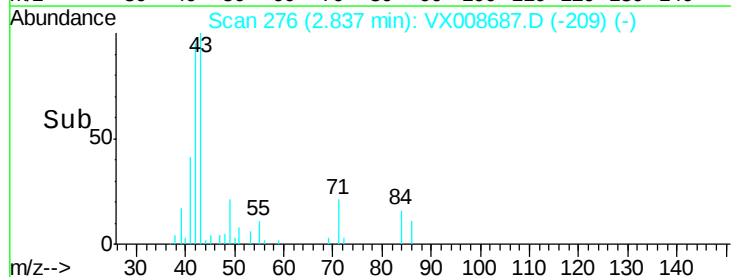
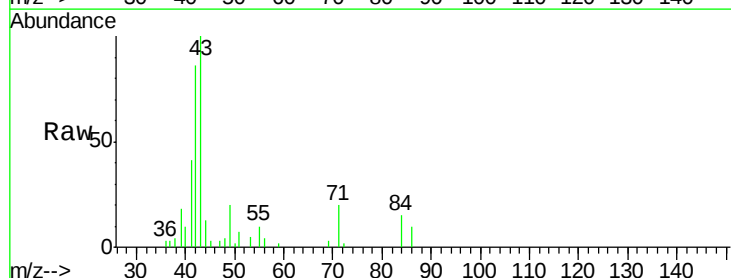
Tgt Ion: 41 Resp: 2252

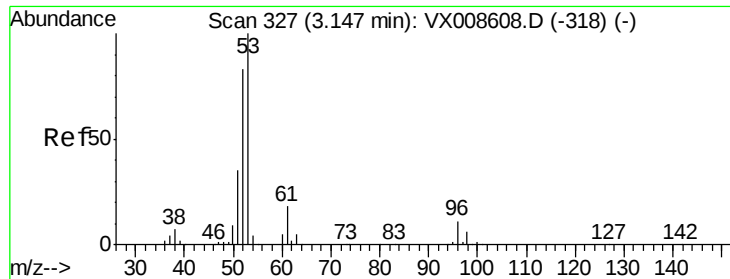
Ion Ratio Lower Upper

41 100

39 36.7 48.0 72.0#

76 0.0 22.0 33.0#





#15

Acrylonitrile

Concen: 0.584 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

MW-2DL

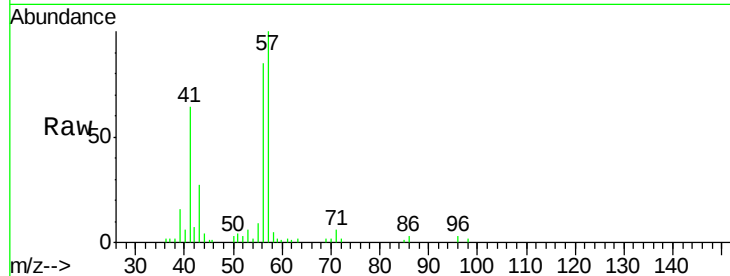
Tot Ion: 53 Resp: 1066

Ion Ratio Lower Upper

53 100

52 52.8 66.5 99.7#

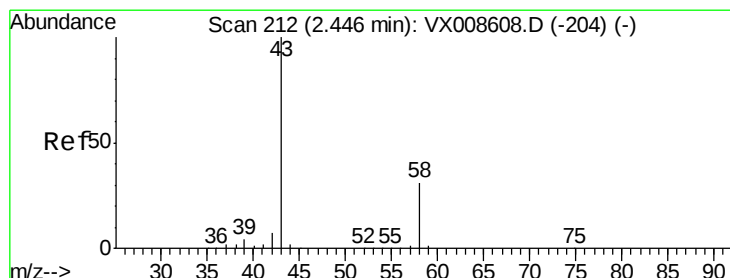
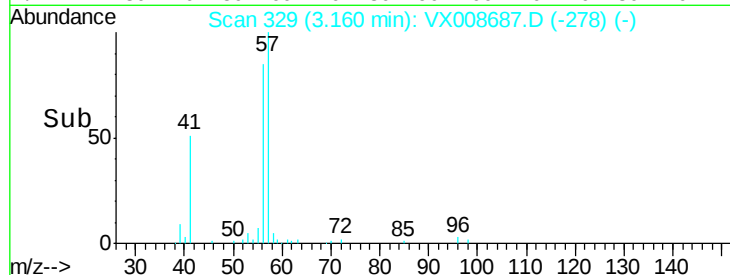
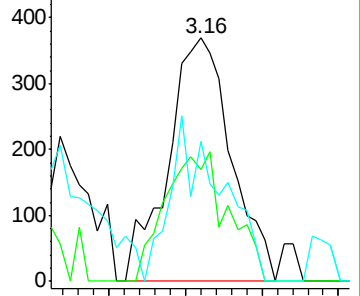
51 54.3 28.6 42.8#



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



#16

Acetone

Concen: 1.612 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008687.D

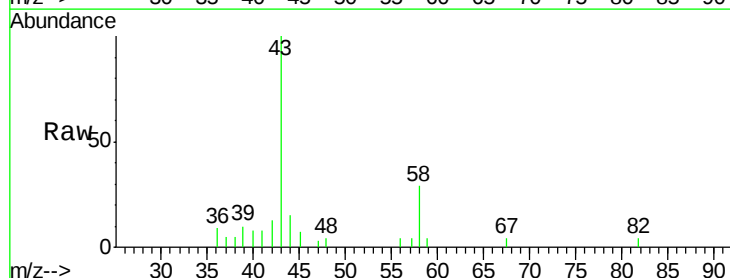
Acq: 05 Apr 2019 17:23

Tgt Ion: 43 Resp: 2731

Ion Ratio Lower Upper

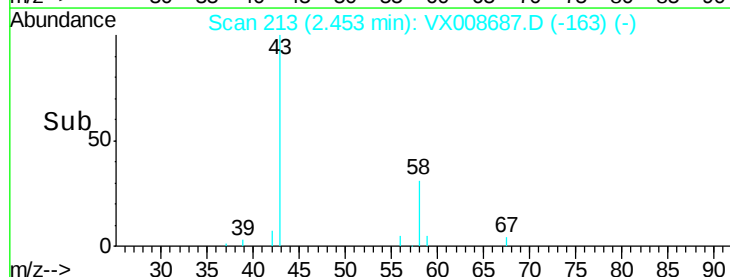
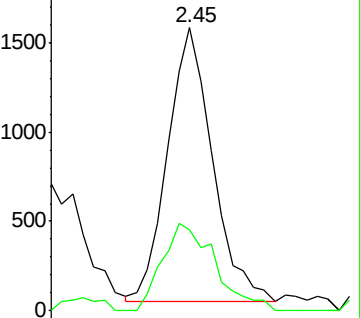
43 100

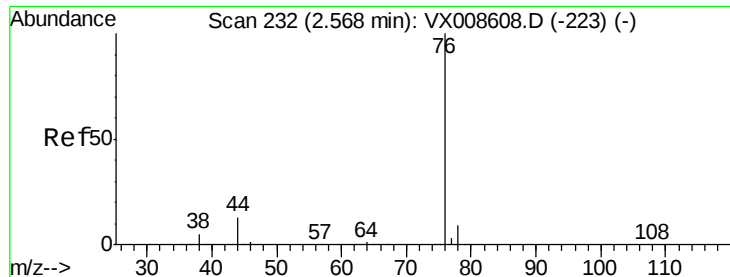
58 29.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

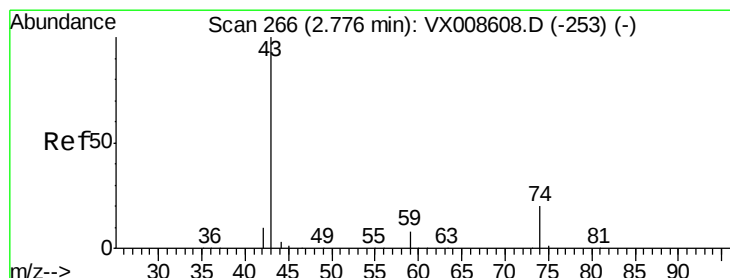
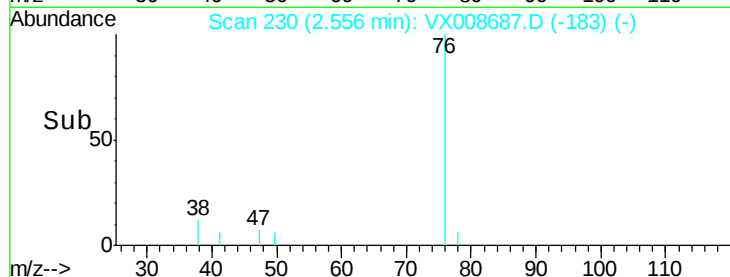
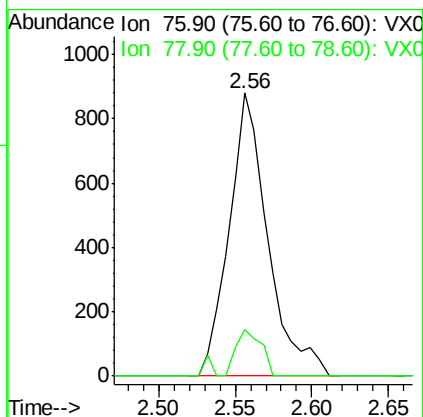
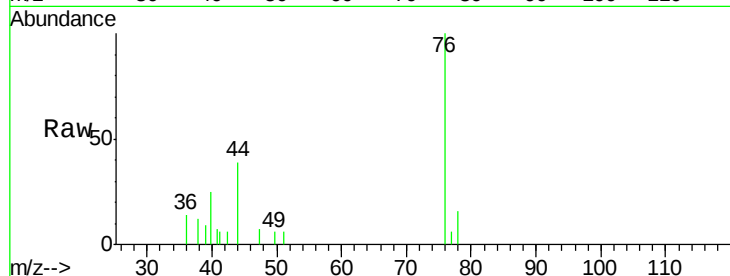
MW-2DL

Tot Ion: 76 Resp: 1548

Ion Ratio Lower Upper

76 100

78 16.4 7.1 10.7#



#18

Methyl Acetate

Concen: 1.401 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.05 min

Lab File: VX008687.D

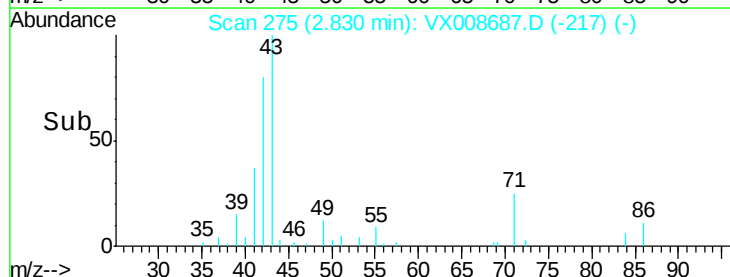
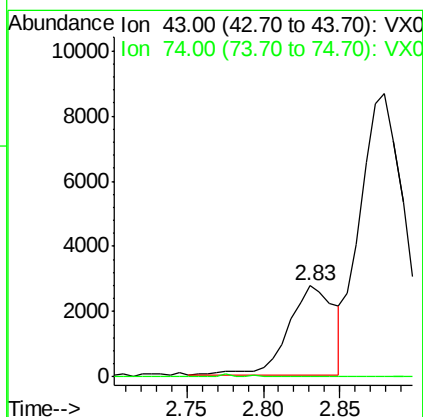
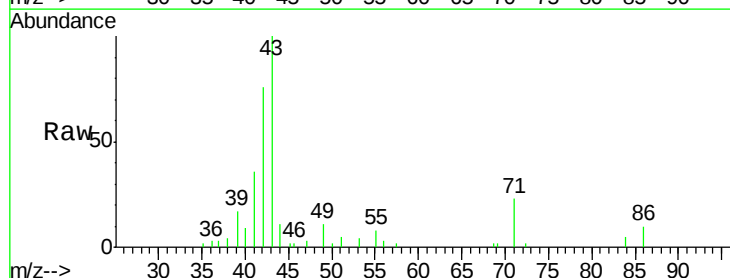
Acq: 05 Apr 2019 17:23

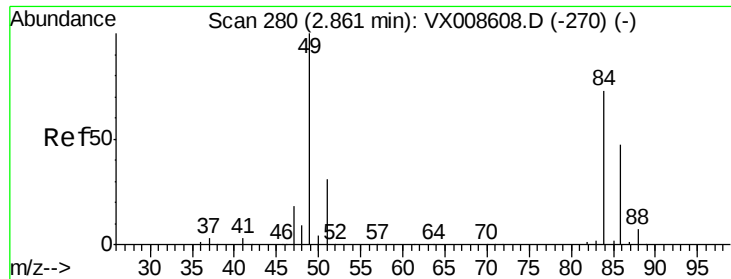
Tgt Ion: 43 Resp: 5756

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#





#20

Methylene Chloride

Concen: 0.503 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

MW-2DL

Tot Ion: 84 Resp: 1427

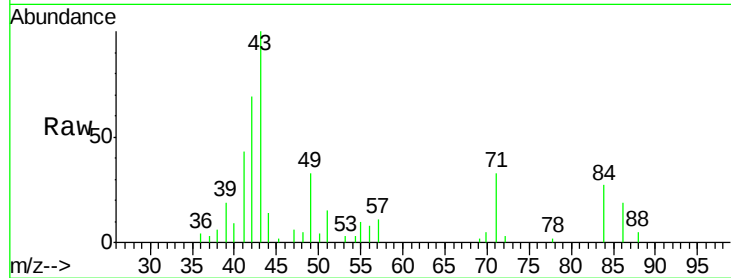
Ion Ratio Lower Upper

84 100

49 121.9 109.7 164.5

51 56.7 33.6 50.4#

86 71.7 51.4 77.2

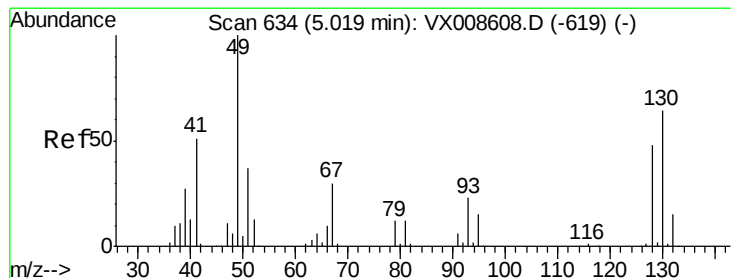
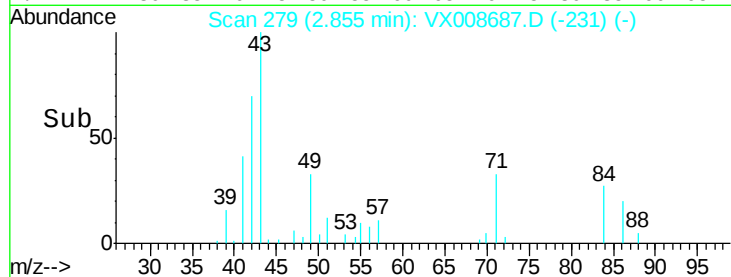
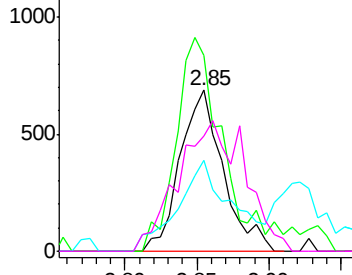


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

Delta R.T. 0.02 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

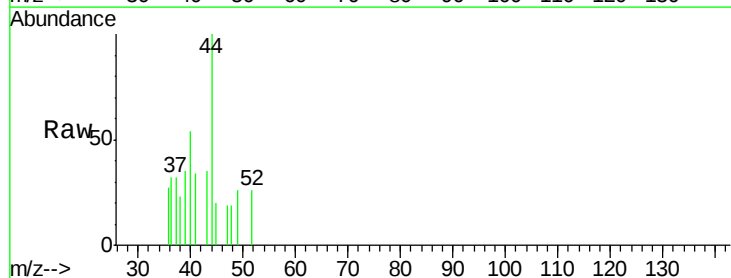
Tgt Ion: 49 Resp: 112

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

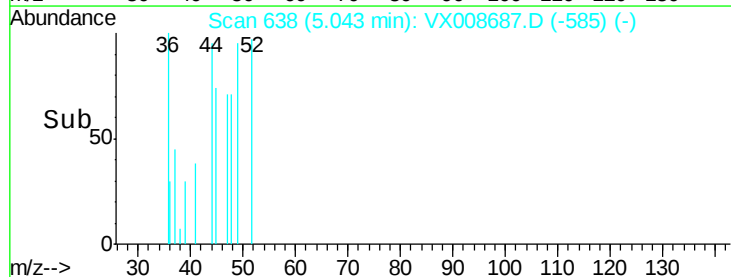
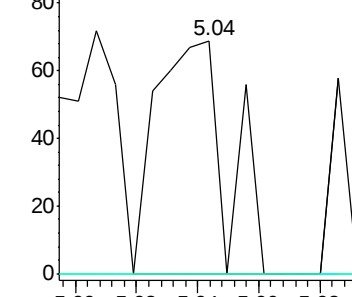
130 0.0 49.3 73.9#

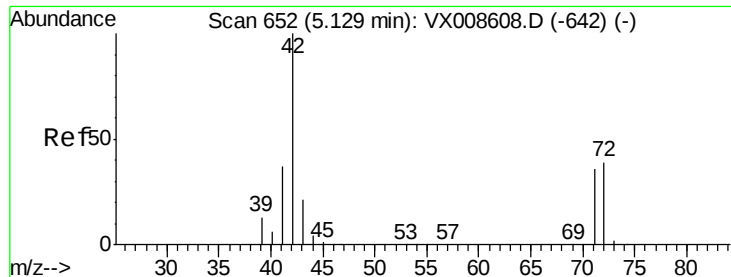


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

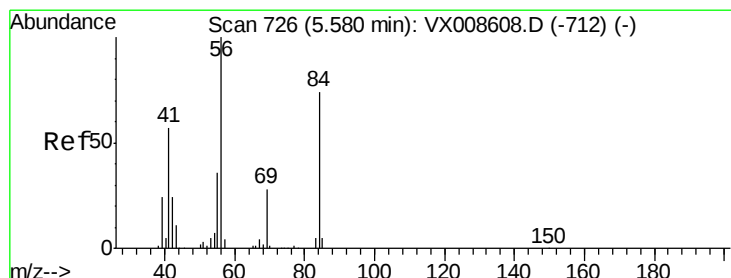
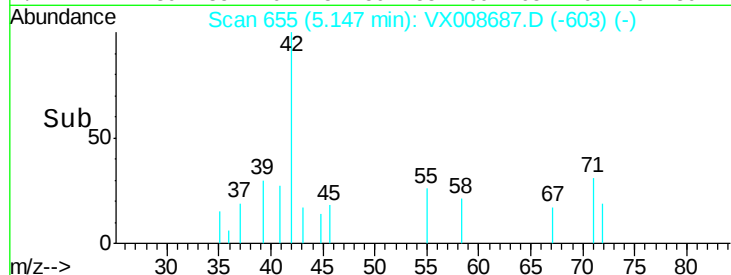
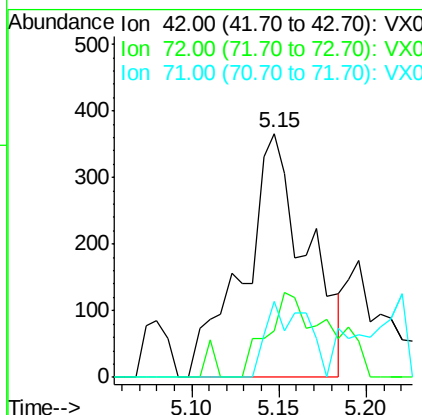
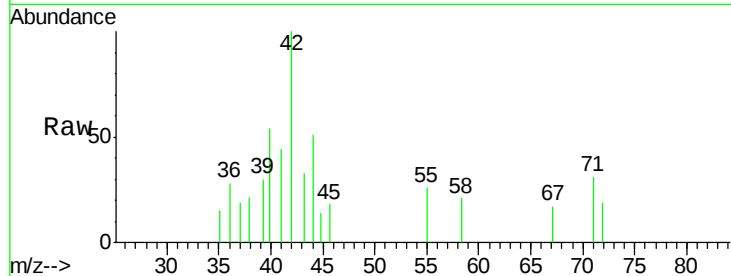




#29
Tetrahydrofuran
Concen: 0.521 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

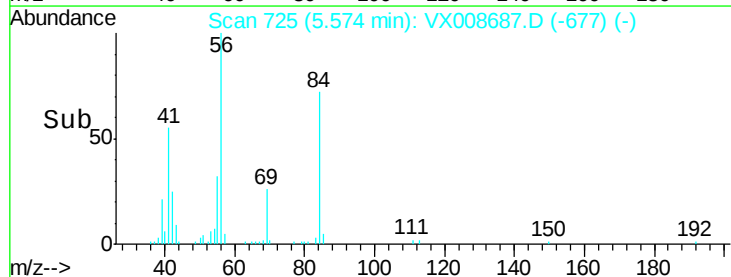
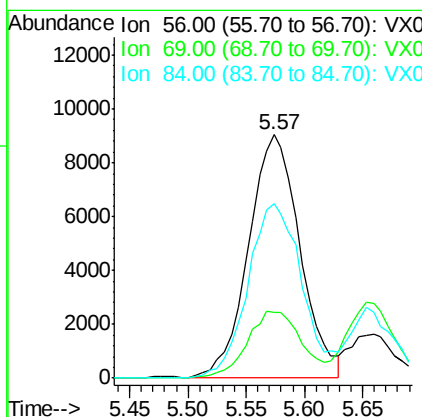
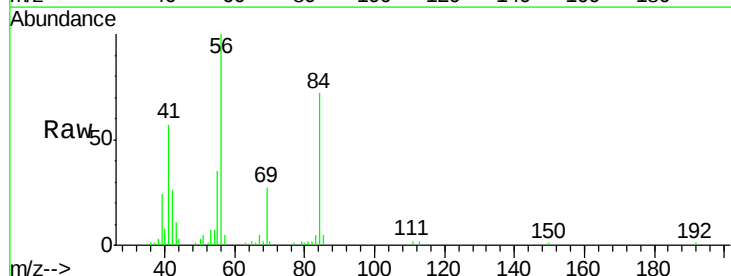
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

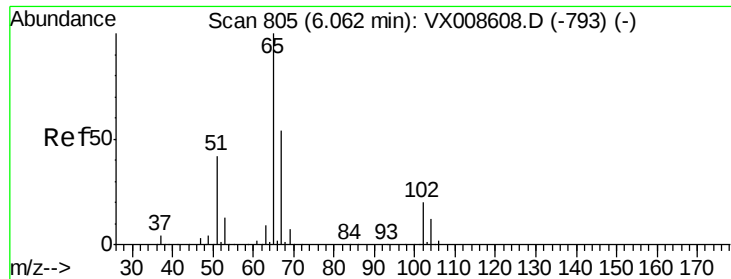
Tot Ion: 42 Resp: 926
Ion Ratio Lower Upper
42 100
72 34.1 30.5 45.7
71 19.8 28.6 43.0#



#31
Cyclohexane
Concen: 5.439 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Tgt Ion: 56 Resp: 27648
Ion Ratio Lower Upper
56 100
69 26.9 22.6 33.8
84 71.8 59.3 88.9





#33

1,2-Dichloroethane-d4

Concen: 46.486 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

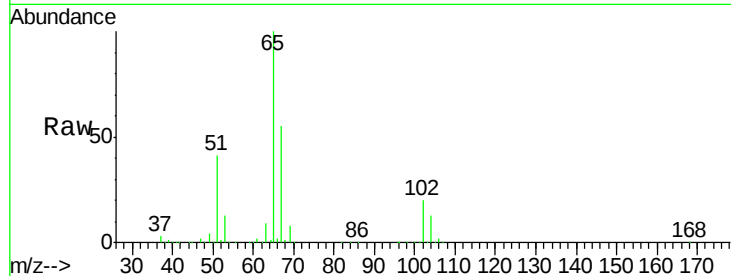
MW-2DL

Tot Ion: 65 Resp: 136767

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

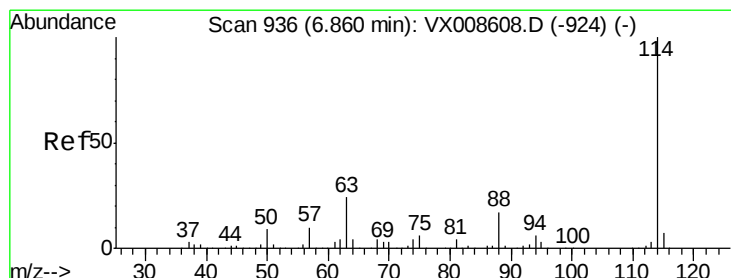
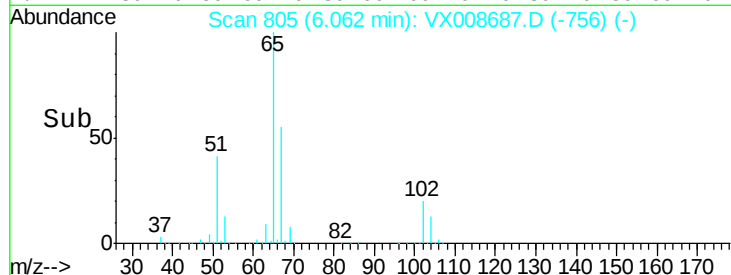
20000

10000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

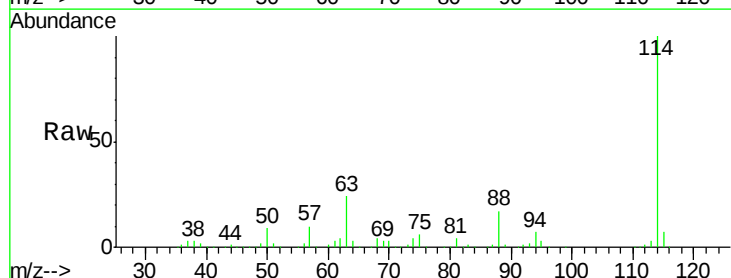
Tgt Ion: 114 Resp: 335890

Ion Ratio Lower Upper

114 100

63 24.1 0.0 47.2

88 17.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

150000

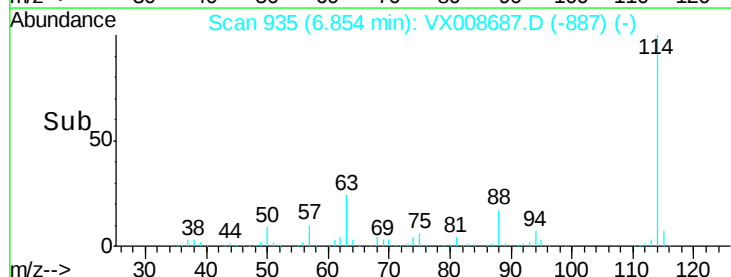
100000

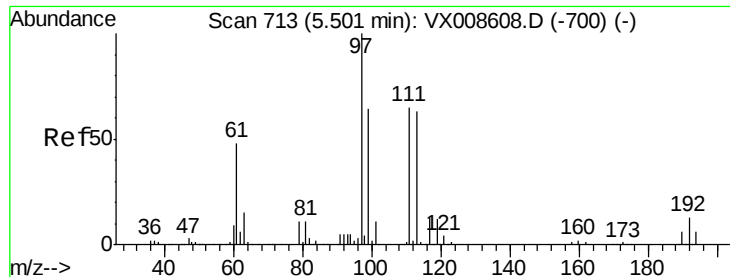
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.770 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

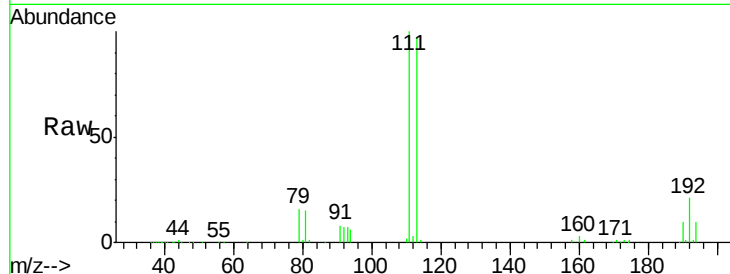
Tot Ion:113 Resp: 100441

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

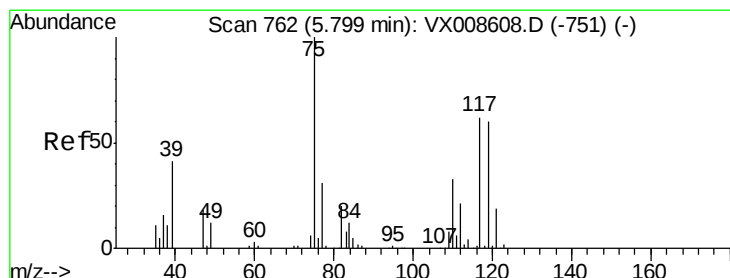
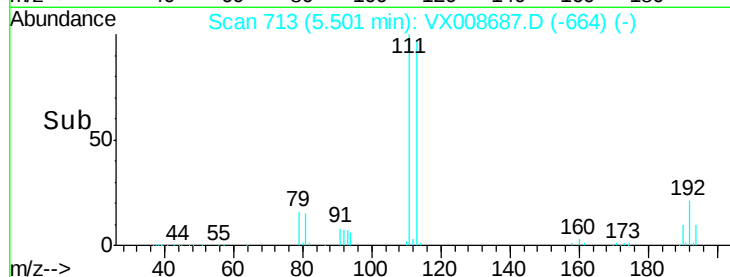
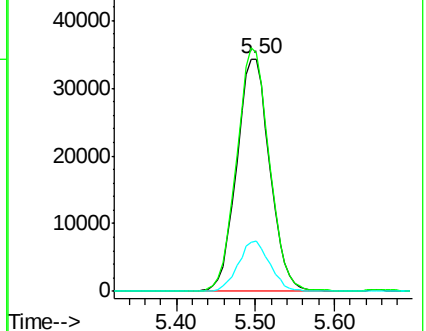
192 20.7 16.1 24.1



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: 4.570 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

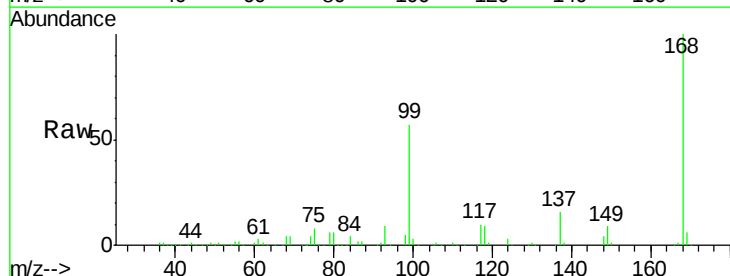
Tgt Ion: 75 Resp: 16780

Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.2#

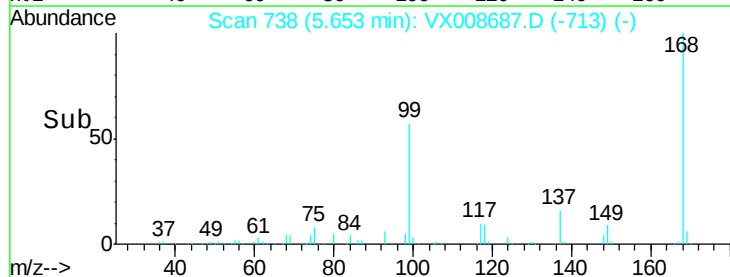
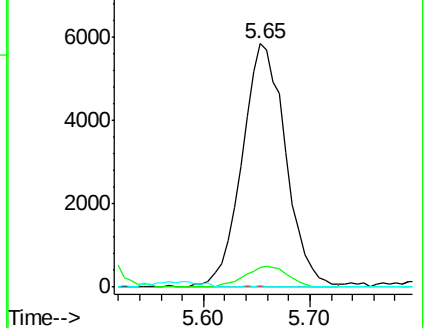
77 0.0 24.7 37.1#

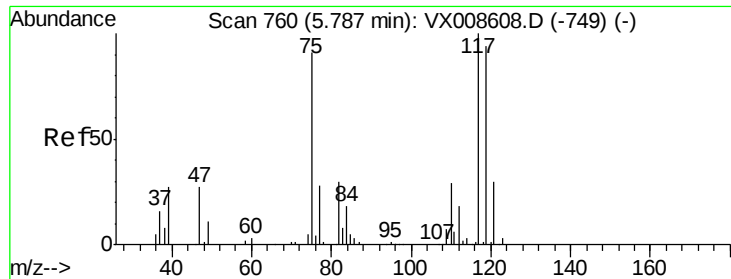


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

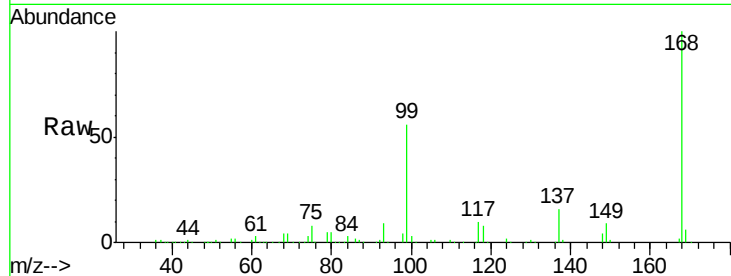
Tot Ion:117 Resp: 19714

Ion Ratio Lower Upper

117 100

119 4.7 75.0 112.6#

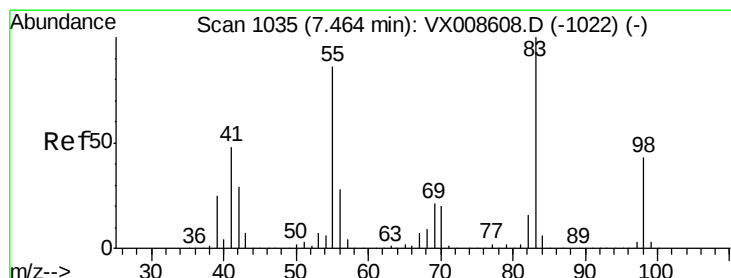
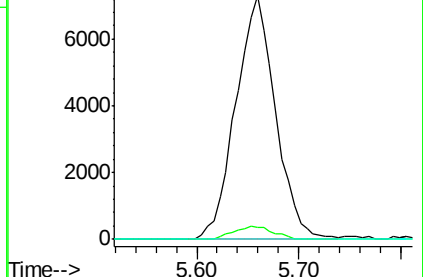
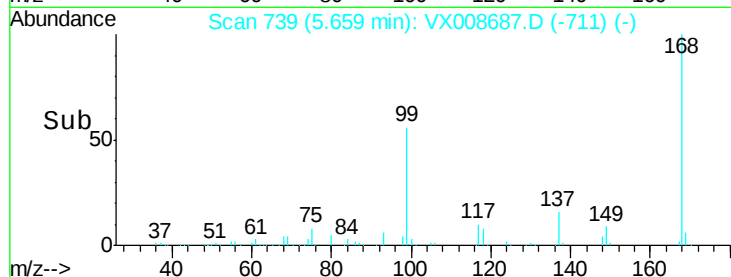
121 0.0 24.3 36.5#



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: 1.969 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

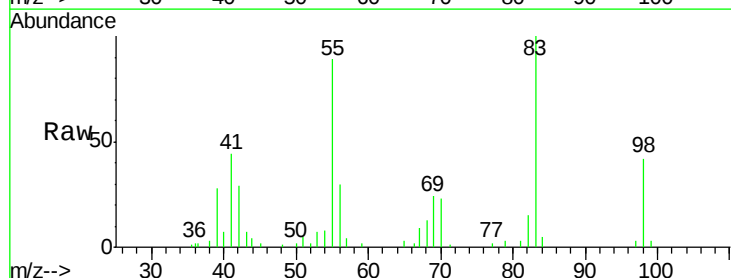
Tgt Ion: 83 Resp: 8932

Ion Ratio Lower Upper

83 100

55 87.5 69.0 103.6

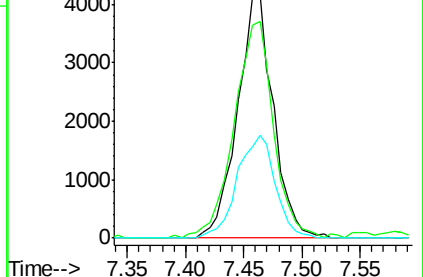
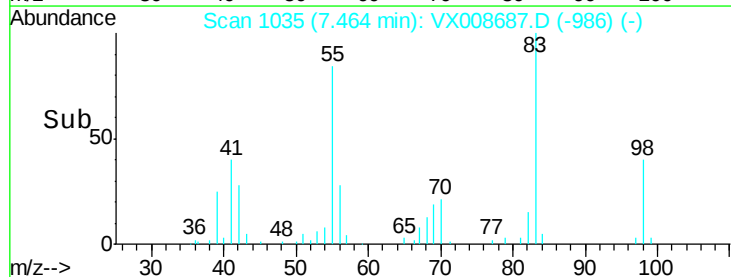
98 42.3 34.4 51.6

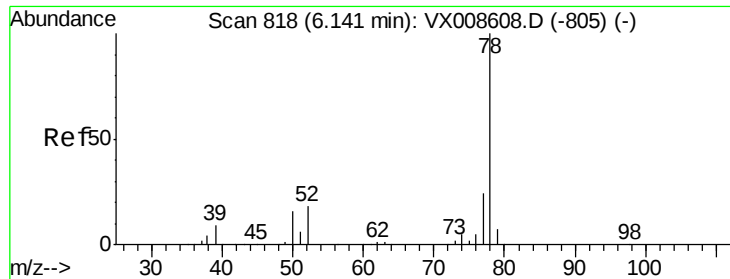


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 86.302 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

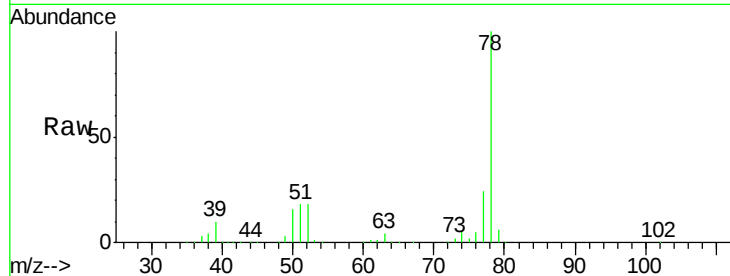
MW-2DL

Tot Ion: 78 Resp: 943985

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

400000

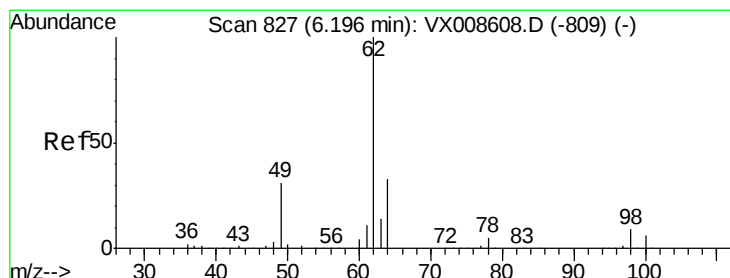
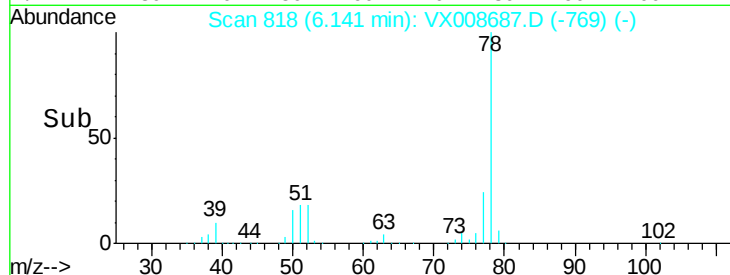
300000

200000

100000

0

Time-->



#42

1,2-Dichloroethane

Concen: 3.856 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008687.D

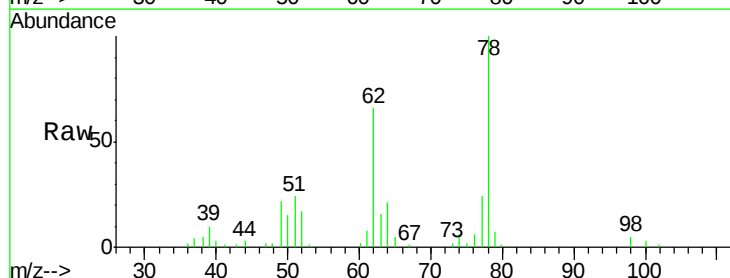
Acq: 05 Apr 2019 17:23

Tgt Ion: 62 Resp: 15120

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.19

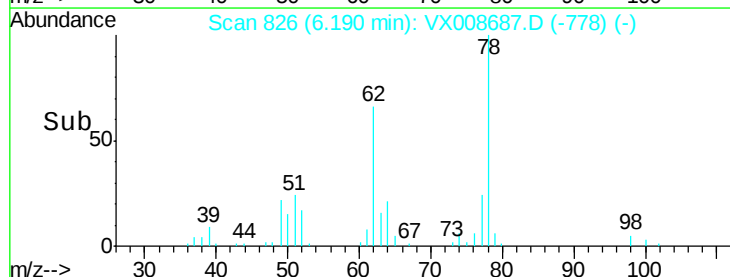
6000

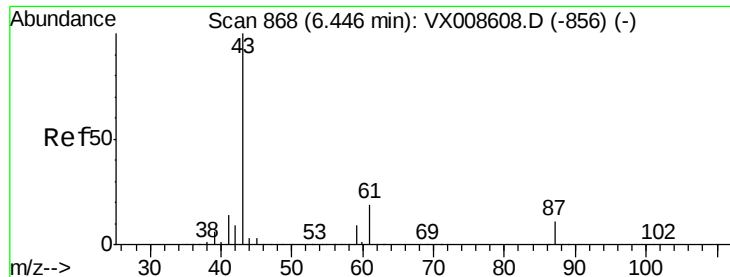
4000

2000

0

Time-->





#43

Isopropyl Acetate

Concen: 6.376 ug/l

RT: 6.36 min Scan# 854

Delta R.T. -0.09 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

MW-2DL

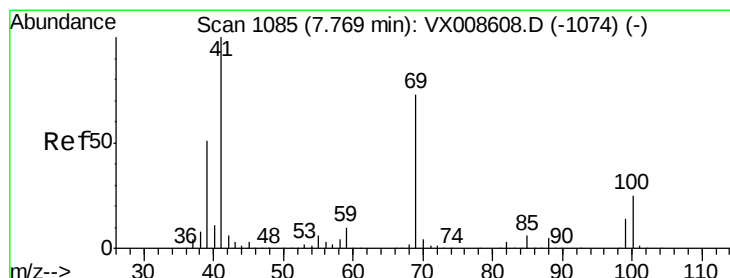
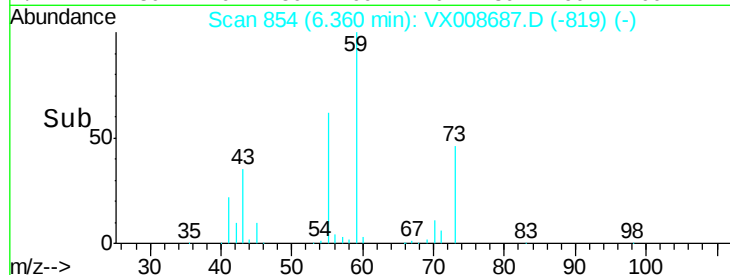
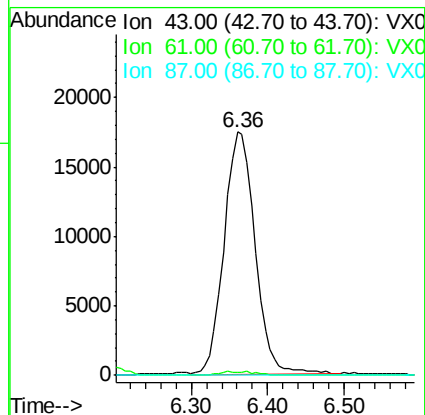
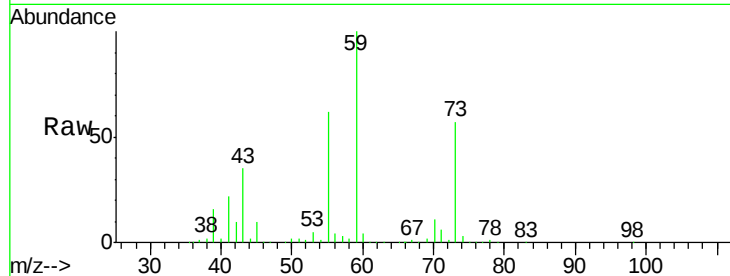
Tot Ion: 43 Resp: 48949

Ion Ratio Lower Upper

43 100

61 0.9 15.3 22.9#

87 0.1 9.0 13.6#



#48

Methyl methacrylate

Concen: 0.218 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.04 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

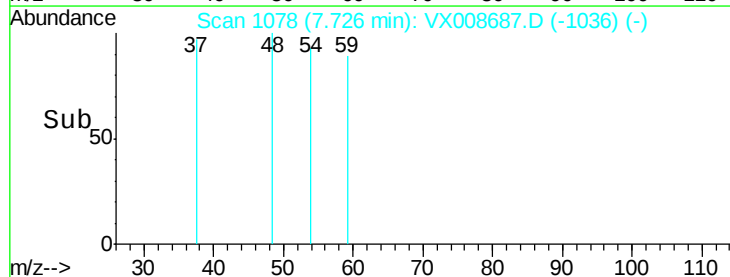
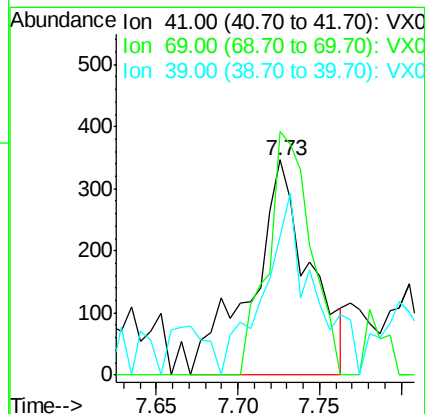
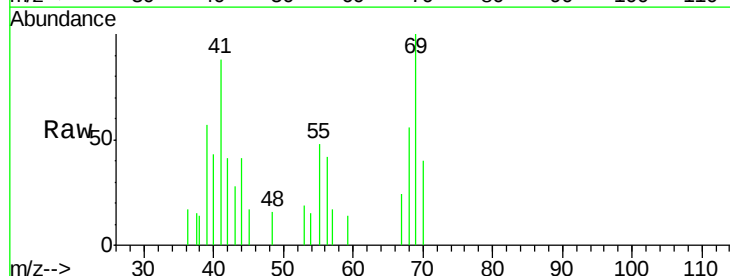
Tgt Ion: 41 Resp: 845

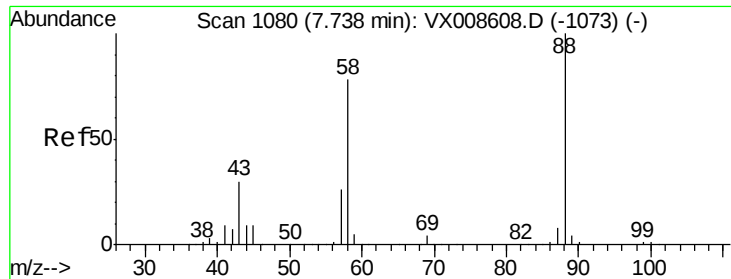
Ion Ratio Lower Upper

41 100

69 85.3 59.0 88.4

39 73.0 41.0 61.4#

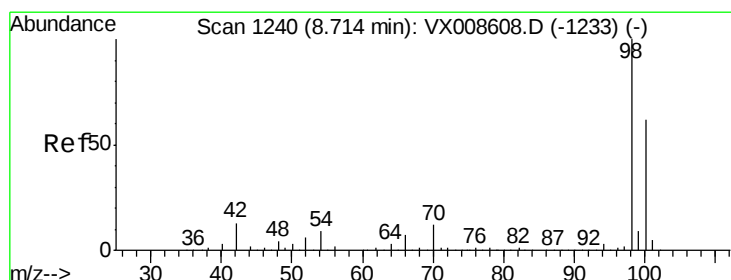
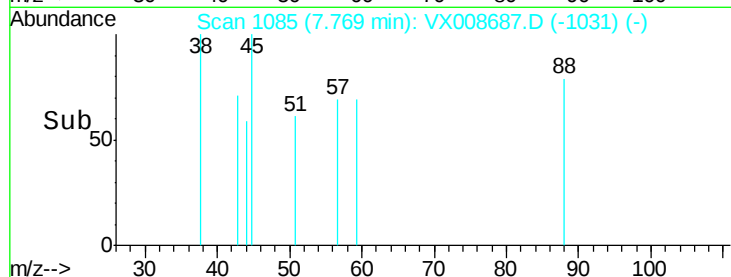
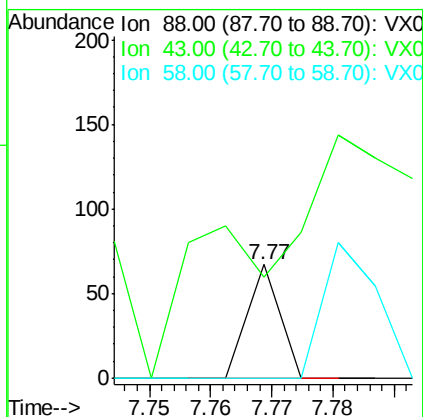
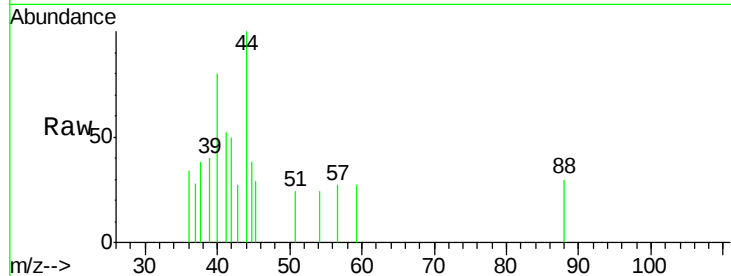




#49
1,4-Dioxane
Concen: 0.344 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

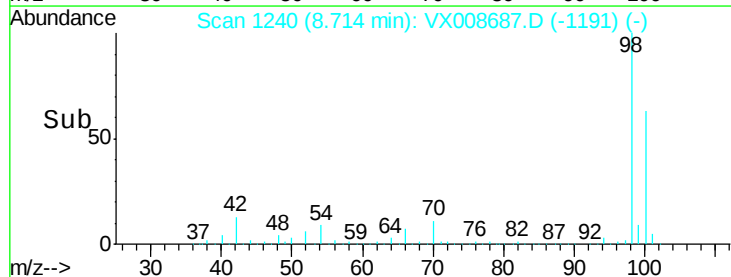
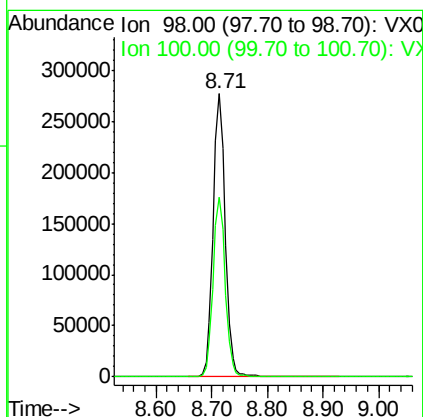
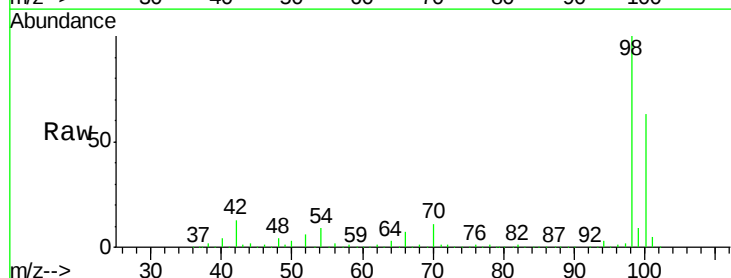
Instrument :
MSVOA_X
ClientSampled :
MW-2DL

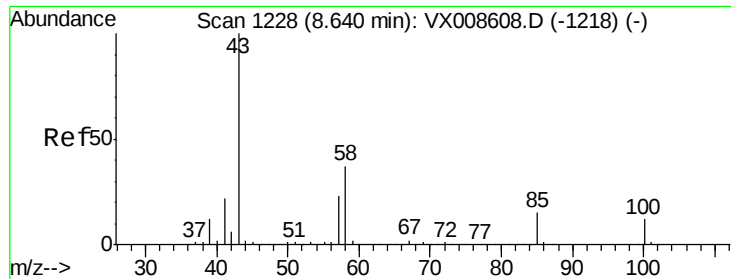
Tot Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 1384.0 28.6 43.0#
58 196.0 62.2 93.2#



#50
Toluene-d8
Concen: 49.720 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Tgt Ion: 98 Resp: 425157
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 2.309 ug/l

RT: 8.57 min Scan# 1217

Delta R.T. -0.07 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

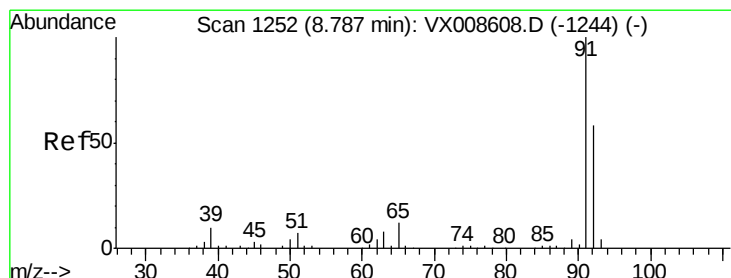
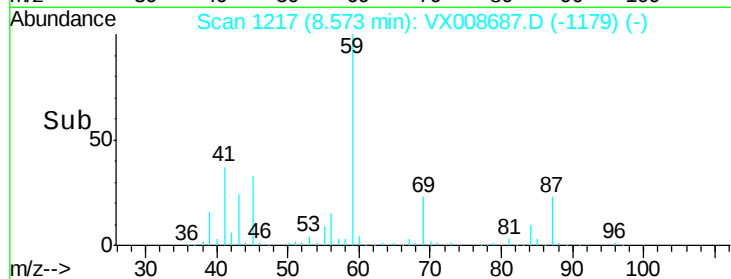
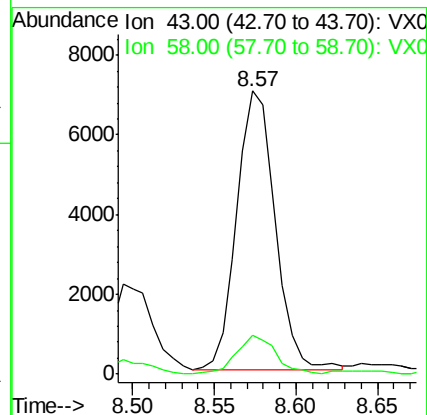
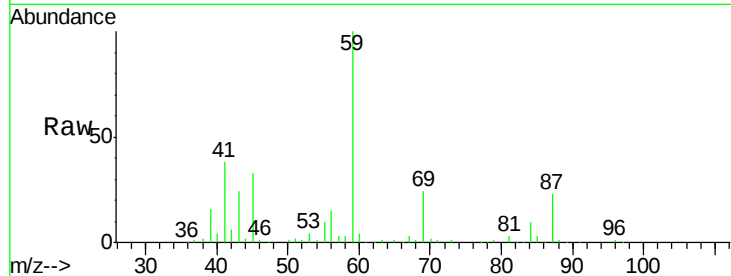
MW-2DL

Tot Ion: 43 Resp: 11412

Ion Ratio Lower Upper

43 100

58 14.6 29.5 44.3#



#52

Toluene

Concen: 0.239 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008687.D

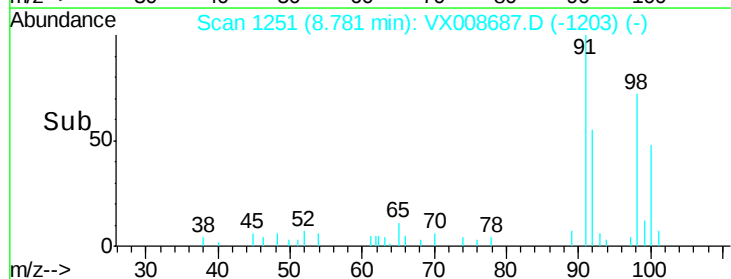
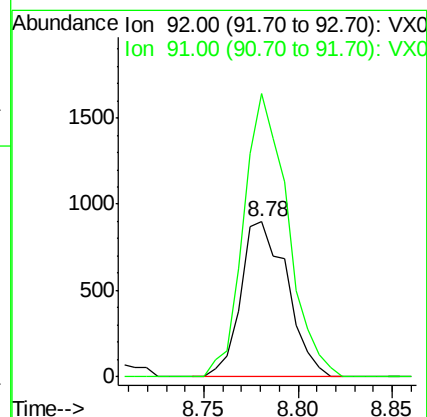
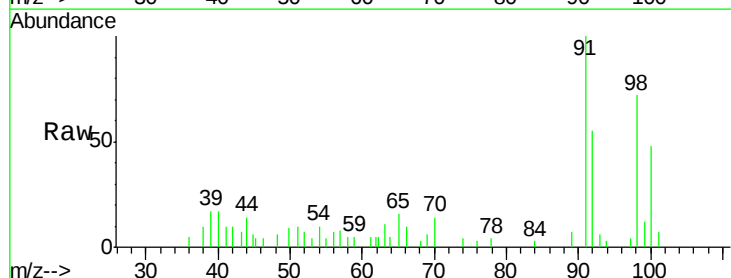
Acq: 05 Apr 2019 17:23

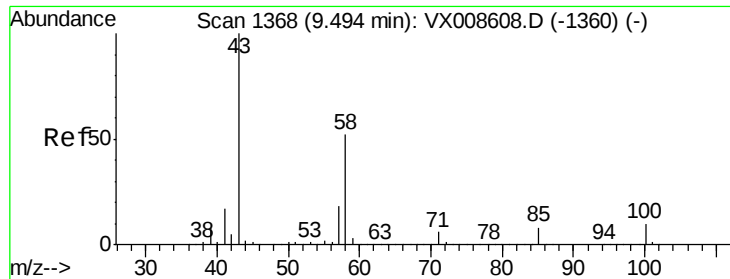
Tgt Ion: 92 Resp: 1539

Ion Ratio Lower Upper

92 100

91 173.0 138.5 207.7

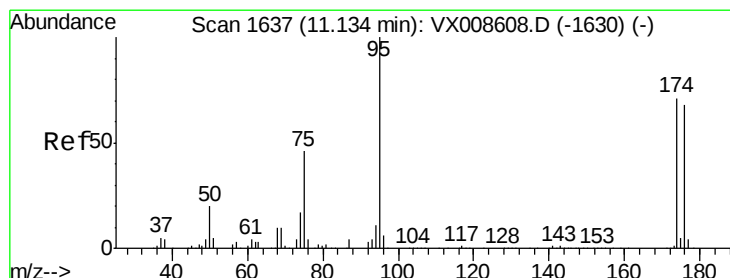
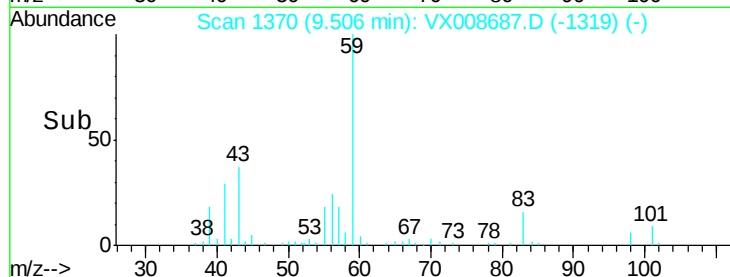
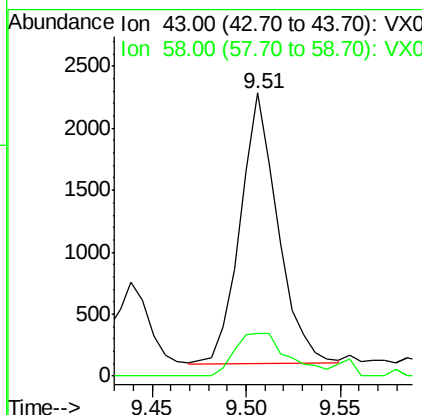
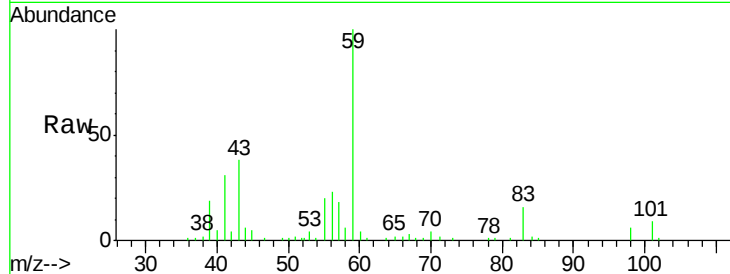




#59
 2-Hexanone
 Concen: 0.789 ug/l
 RT: 9.51 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VX008687.D
 Acq: 05 Apr 2019 17:23

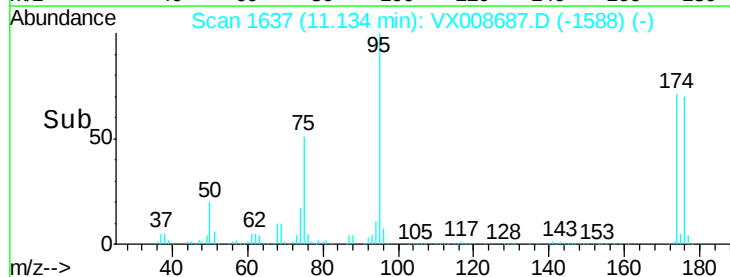
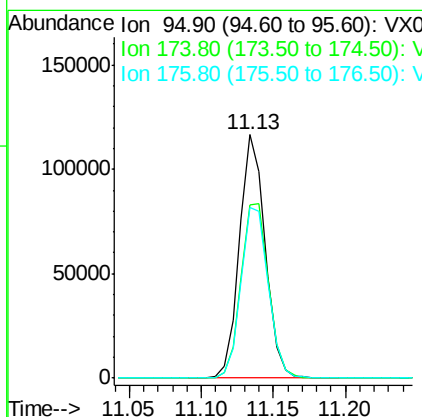
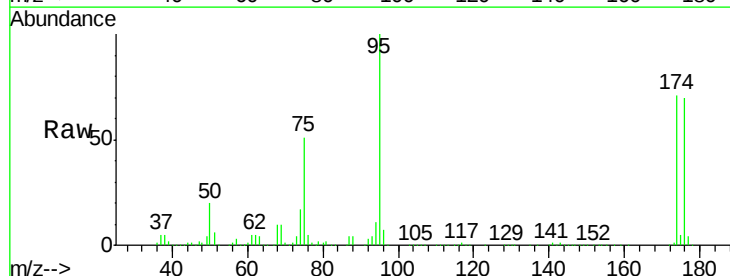
Instrument :
 MSVOA_X
 ClientSampled :
 MW-2DL

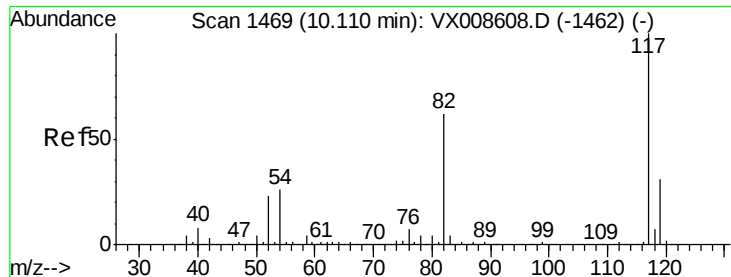
Tot Ion: 43 Resp: 3031
 Ion Ratio Lower Upper
 43 100
 58 22.5 25.9 77.7#



#62
 4-Bromofluorobenzene
 Concen: 47.673 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008687.D
 Acq: 05 Apr 2019 17:23

Tgt Ion: 95 Resp: 144560
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 151.8
 176 74.3 0.0 145.8

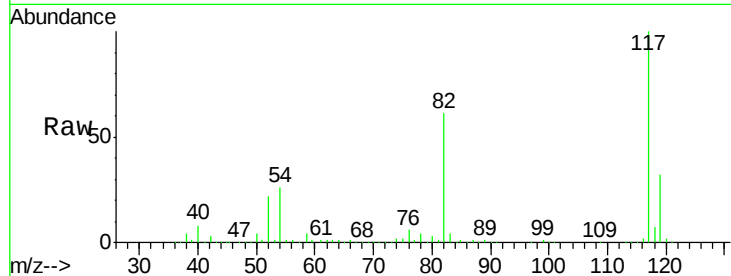




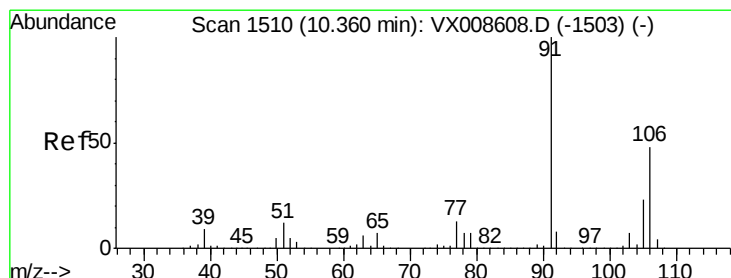
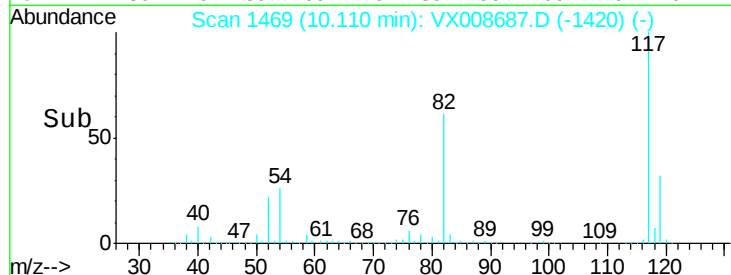
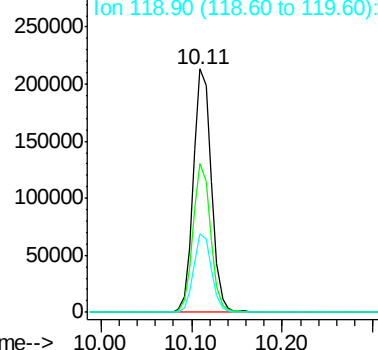
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
MW-2DL

Tot Ion:117 Resp: 296191
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.1 25.0 37.4

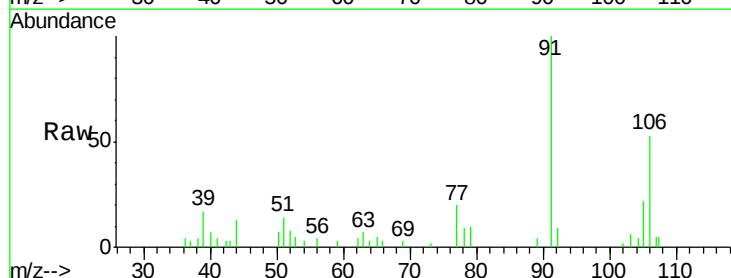


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

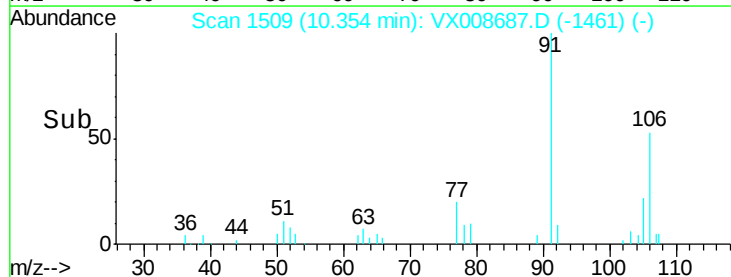
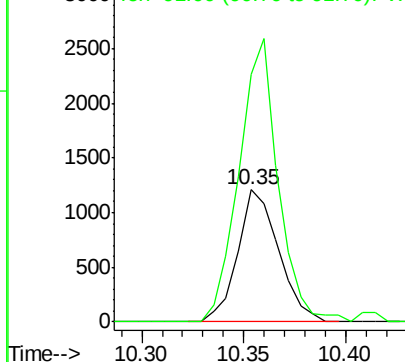


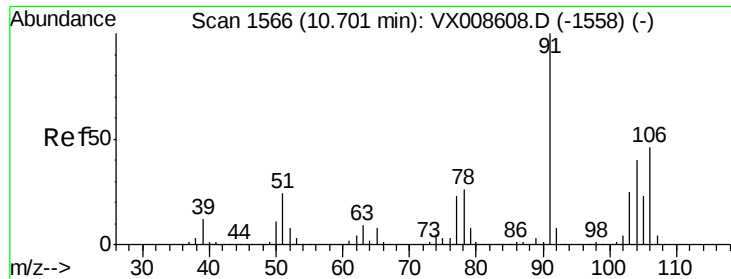
#68
m/p-Xylenes
Concen: 0.383 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Tgt Ion:106 Resp: 1685
Ion Ratio Lower Upper
106 100
91 205.0 168.5 252.7



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

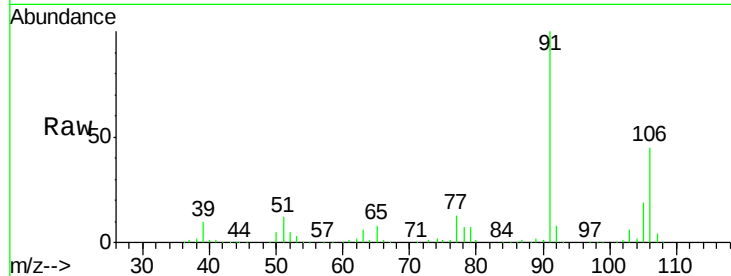




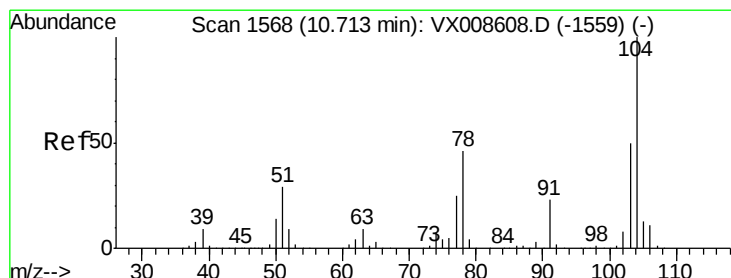
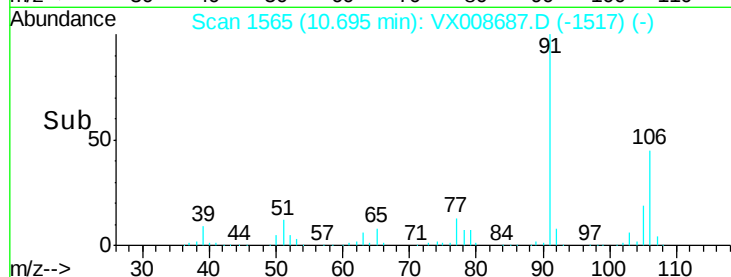
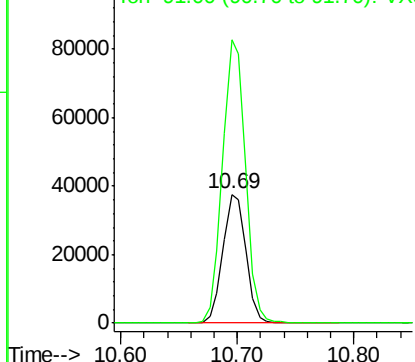
#69
o-Xylene
Concen: 12.053 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
MW-2DL

Tot Ion:106 Resp: 51417
Ion Ratio Lower Upper
106 100
91 219.6 111.5 334.4

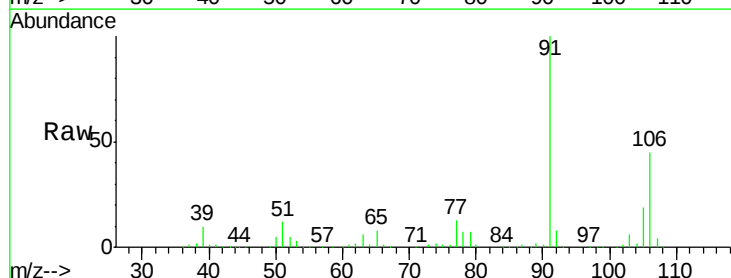


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

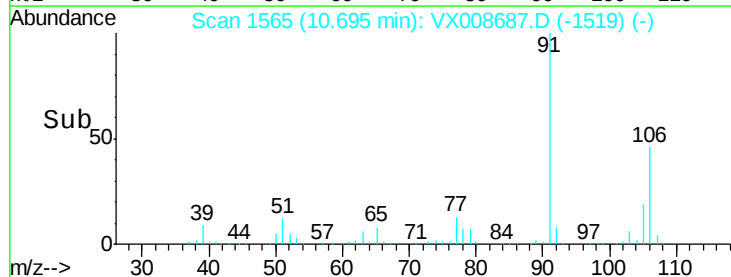
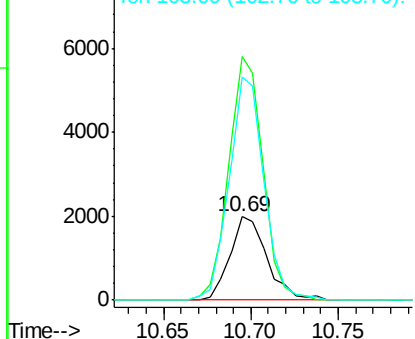


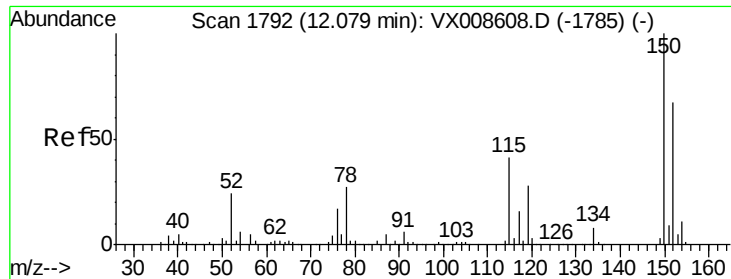
#70
Styrene
Concen: 0.397 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Tgt Ion:104 Resp: 2921
Ion Ratio Lower Upper
104 100
78 269.8 42.3 63.5#
103 251.2 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: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

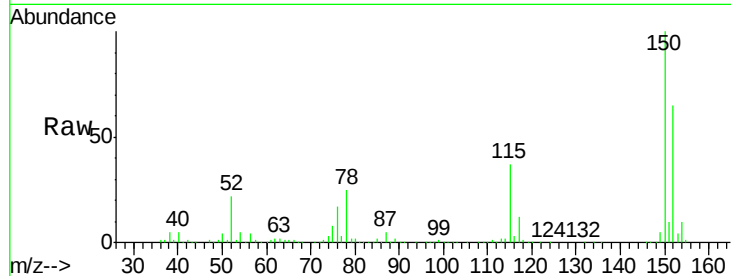
Tot Ion:152 Resp: 126920

Ion Ratio Lower Upper

152 100

115 60.1 43.5 130.5

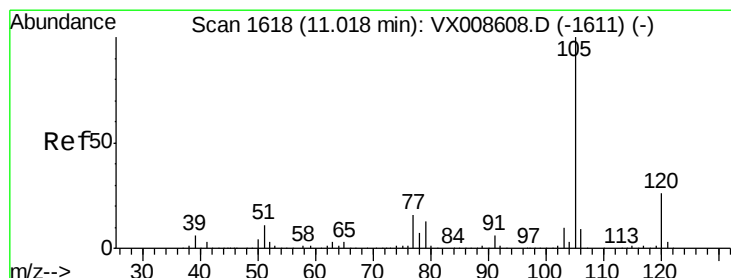
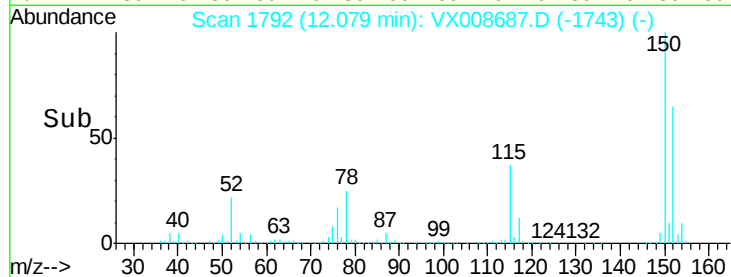
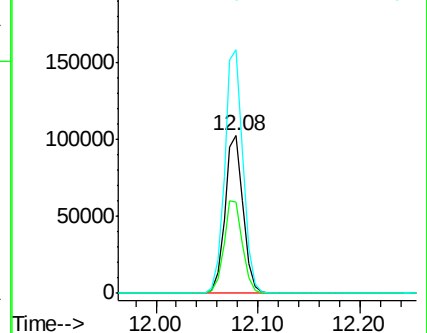
150 156.5 0.0 348.8



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: 0.358 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008687.D

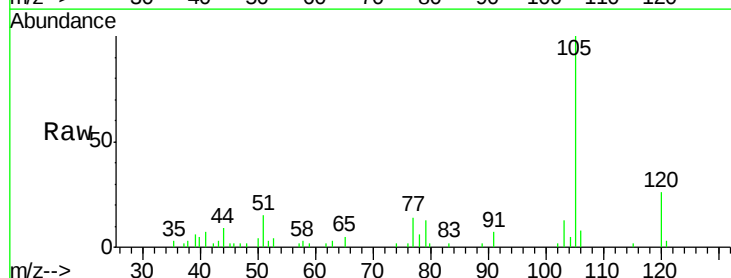
Acq: 05 Apr 2019 17:23

Tgt Ion:105 Resp: 3770

Ion Ratio Lower Upper

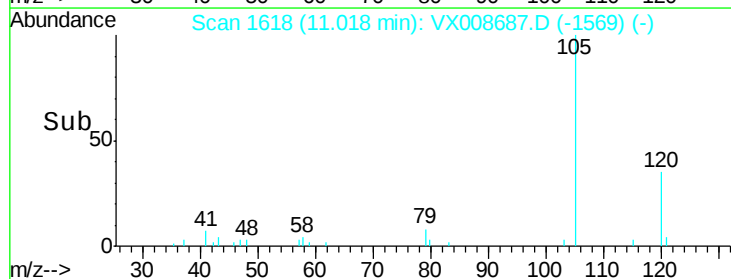
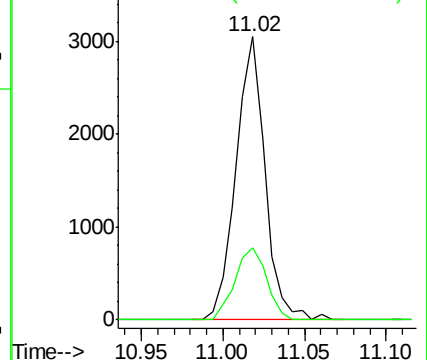
105 100

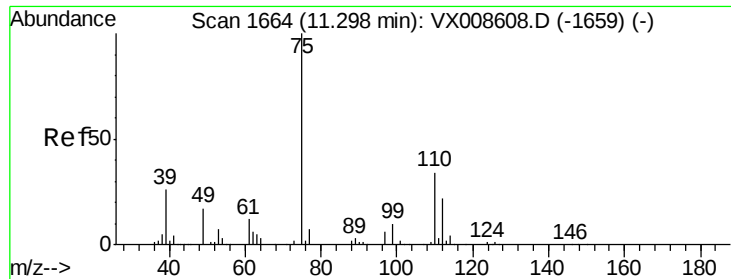
120 27.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 21.133 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

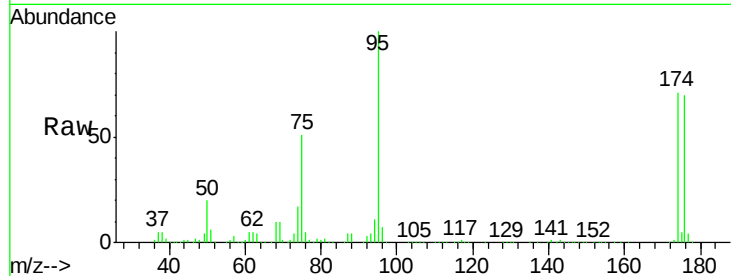
MW-2DL

Tot Ion: 75 Resp: 73681

Ion Ratio Lower Upper

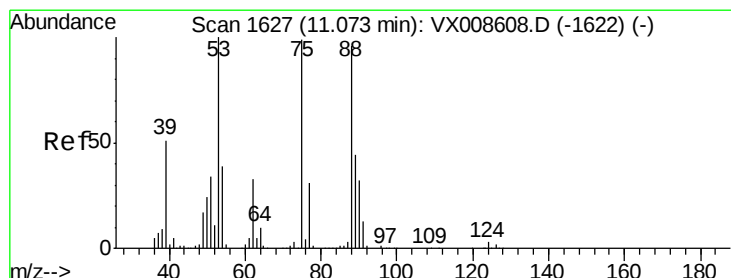
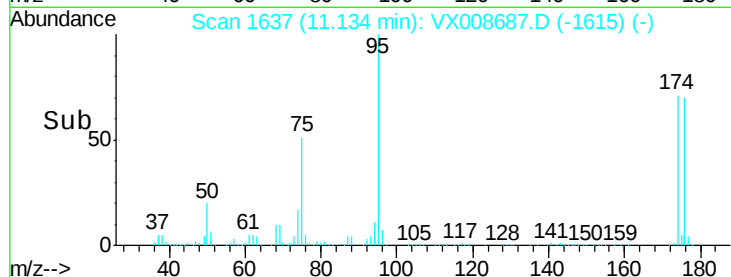
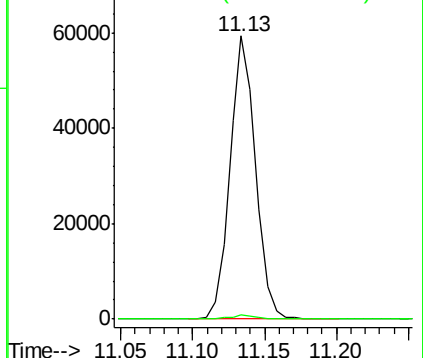
75 100

77 1.3 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 58.253 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008687.D

Acq: 05 Apr 2019 17:23

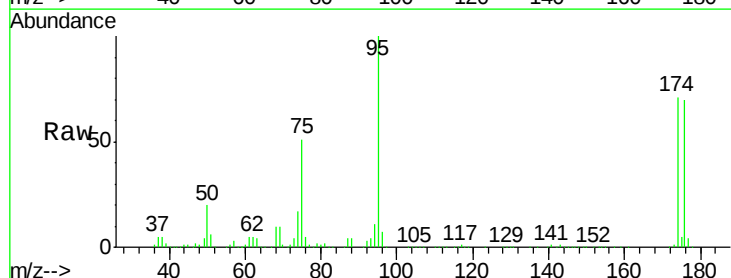
Tgt Ion: 75 Resp: 73681

Ion Ratio Lower Upper

75 100

53 0.0 81.3 121.9#

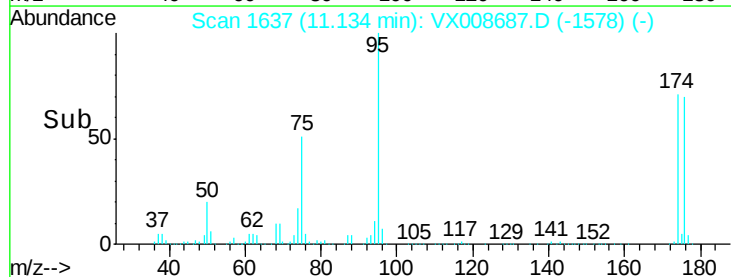
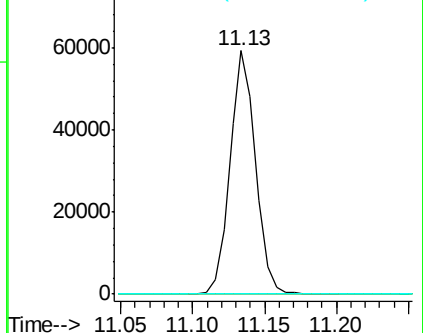
89 0.0 35.6 53.4#

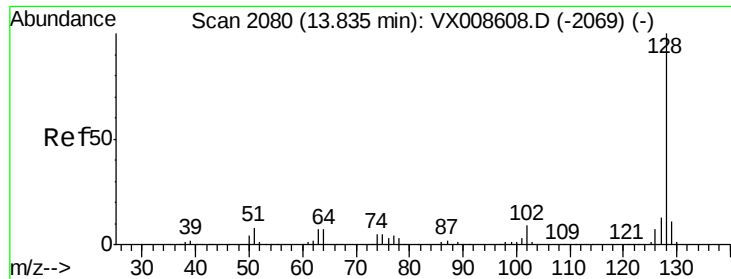


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

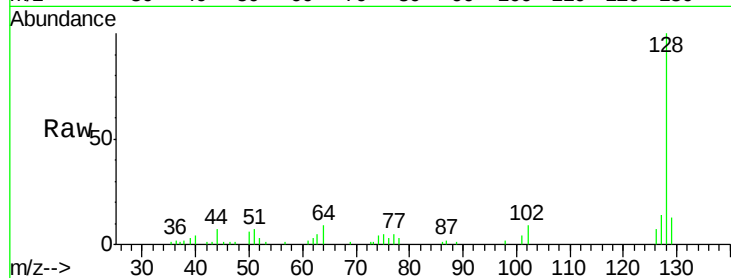




#95
Naphthalene
Concen: 0.675 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

Tot Ion:128 Resp: 7047
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 12.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

