

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 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 02:23:59 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						
33) 1,2-Dichloroethane-d4	6.06	65	136767	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.50	113	100441	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
50) Toluene-d8	8.71	98	425157	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	144560	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

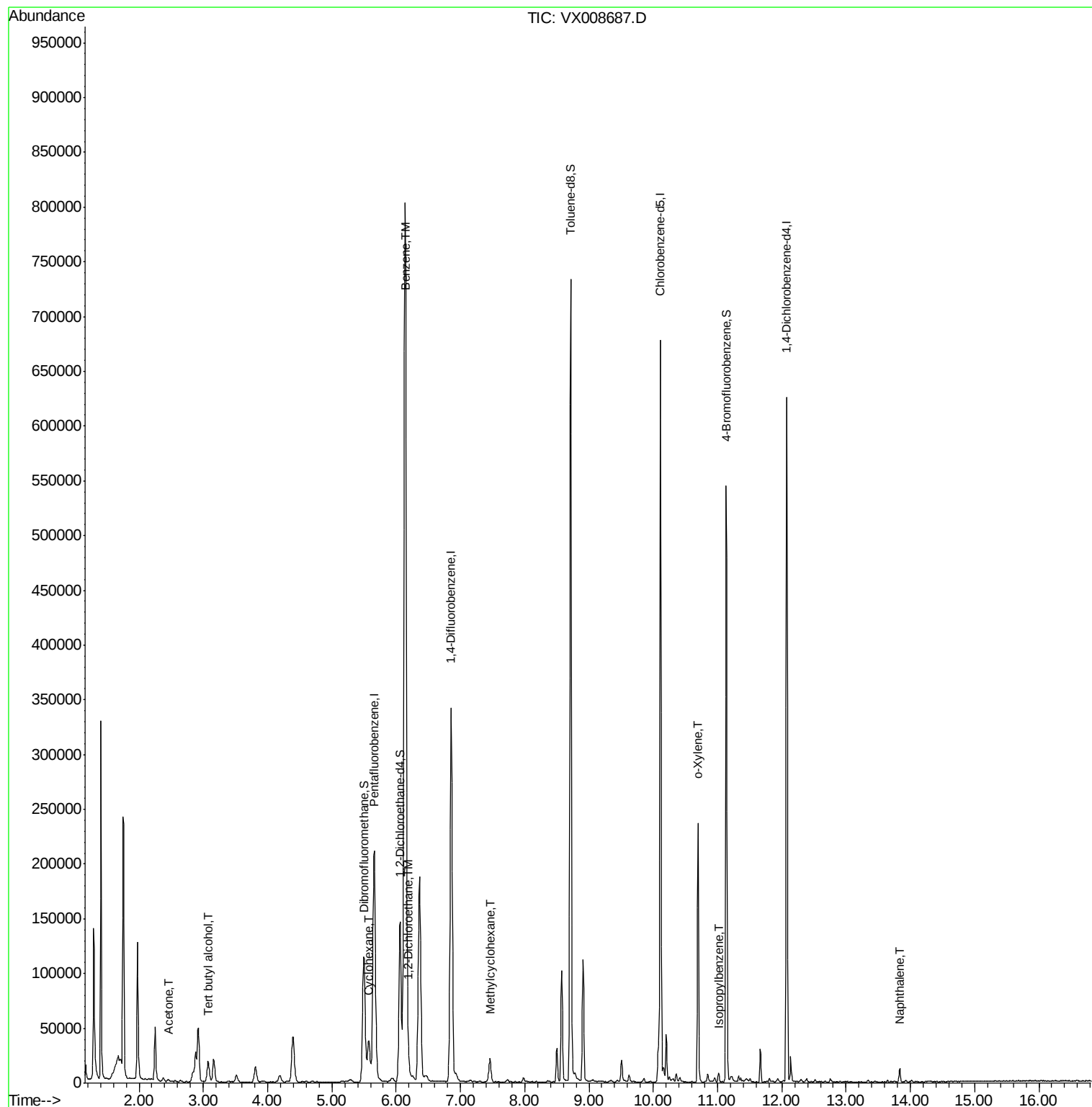
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	23133	33.585	ug/l	98
16) Acetone	2.45	43	2731	1.612	ug/l	98
31) Cyclohexane	5.57	56	27648	5.439	ug/l	97
39) Methylcyclohexane	7.46	83	8932	1.969	ug/l	99
40) Benzene	6.14	78	943985	86.302	ug/l	100
42) 1,2-Dichloroethane	6.19	62	15120	3.856	ug/l	99
69) o-Xylene	10.69	106	51417	12.053	ug/l	98
73) Isopropylbenzene	11.02	105	3770	0.358	ug/l	96
95) Naphthalene	13.83	128	7047	0.675	ug/l	97

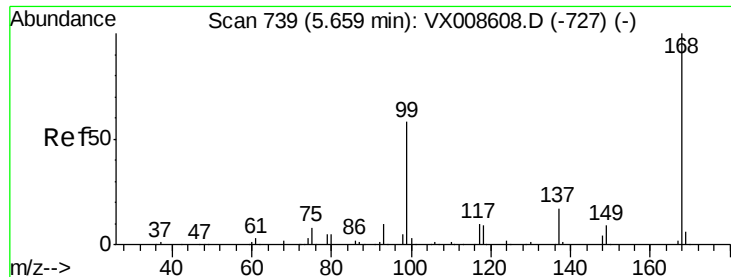
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
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 02:23:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#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 :

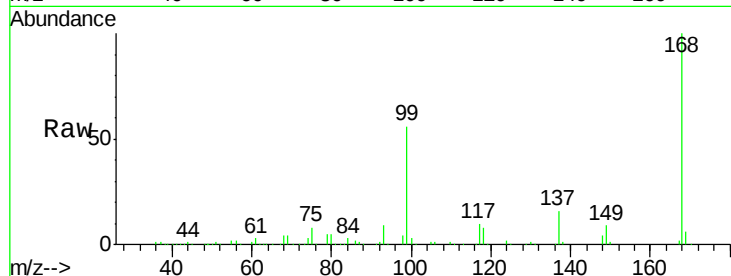
MW-2DL

Tgt Ion:168 Resp: 201714

Ion Ratio Lower Upper

168 100

99 56.1 46.7 70.1

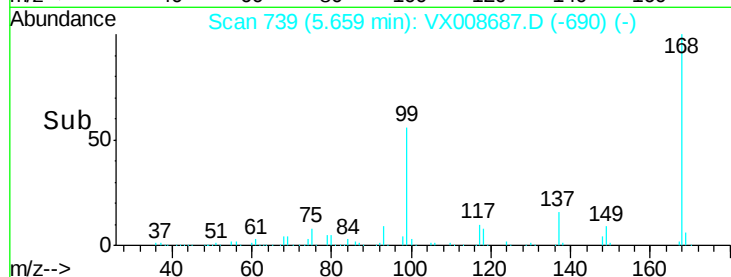


Abundance Ion 167.90 (167.60 to 168.60): V

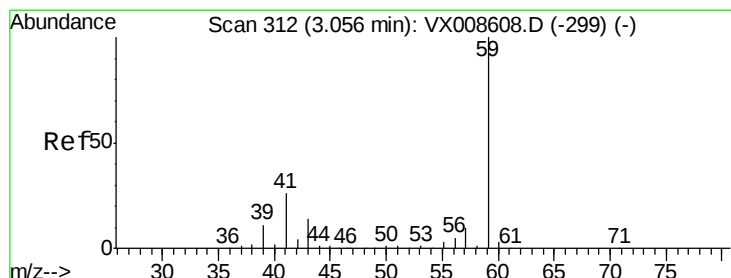
Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



Time-->



#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

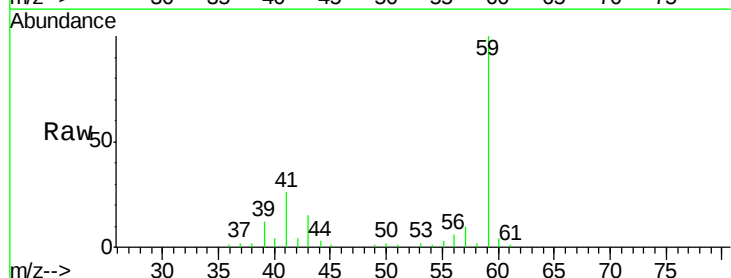
Acq: 05 Apr 2019 17:23

Tgt Ion: 59 Resp: 23133

Ion Ratio Lower Upper

59 100

57 11.1 8.3 12.5

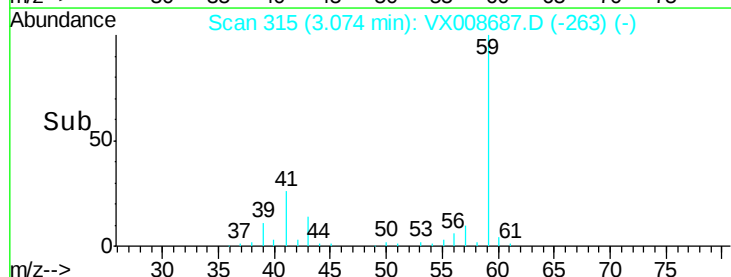


Abundance Ion 59.00 (58.70 to 59.70): VX0

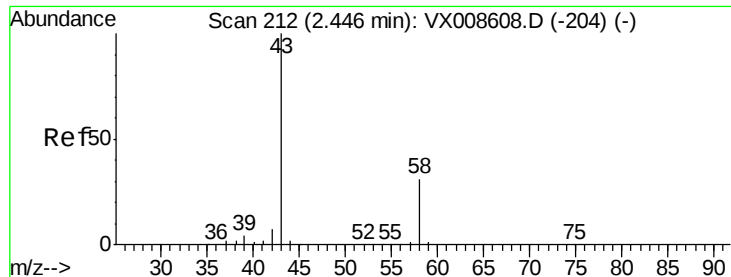
Ion 57.00 (56.70 to 57.70): VX0

3.07

Time-->



Time-->



#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

Instrument :

MSVOA_X

ClientSampled :

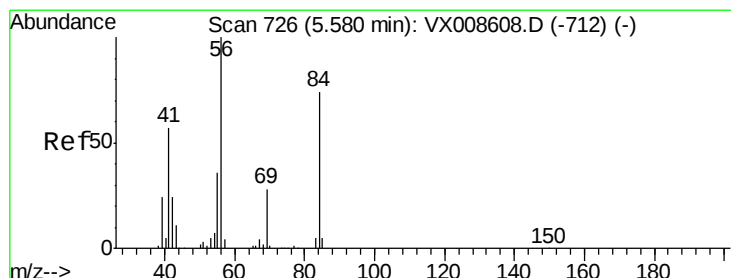
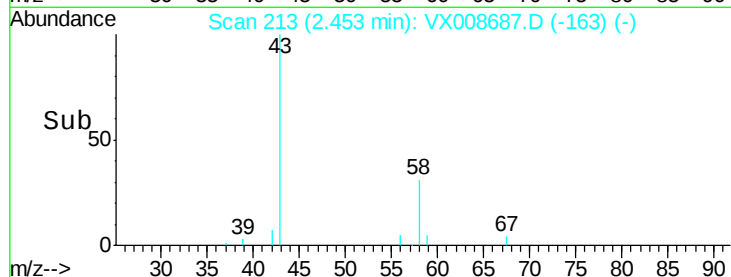
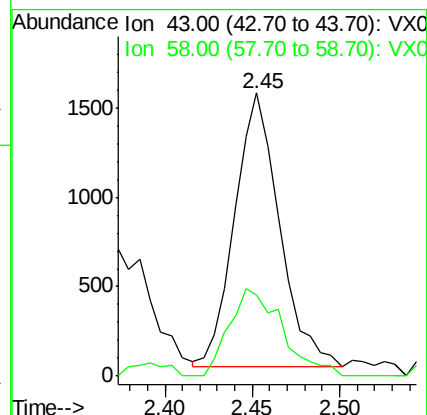
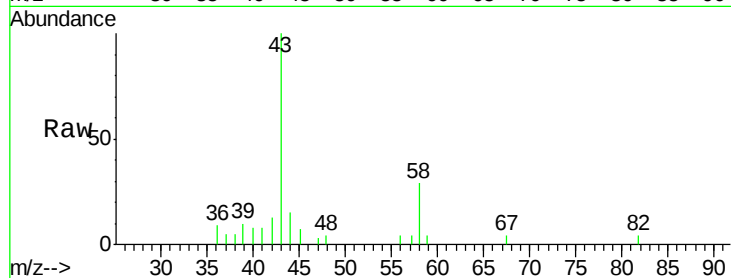
MW-2DL

Tgt Ion: 43 Resp: 2731

Ion Ratio Lower Upper

43 100

58 29.6 24.8 37.2



#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

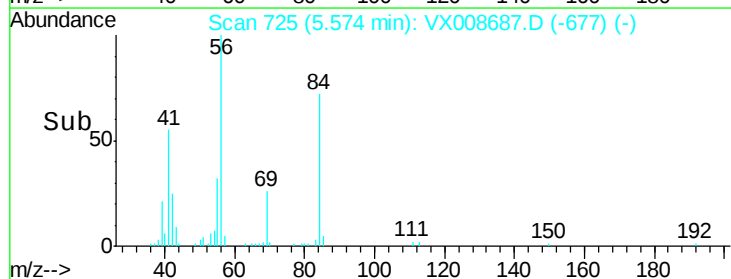
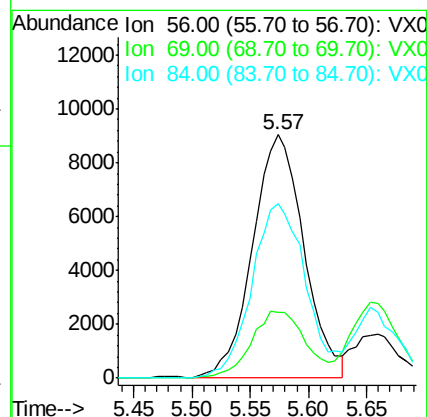
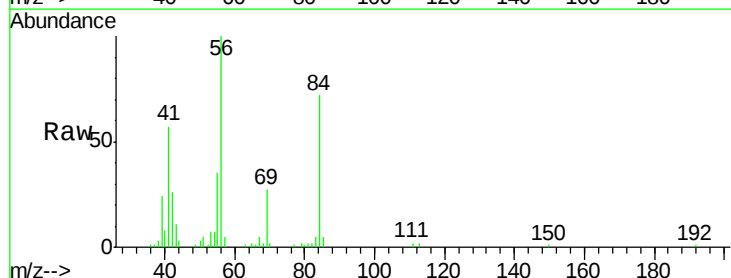
Tgt Ion: 56 Resp: 27648

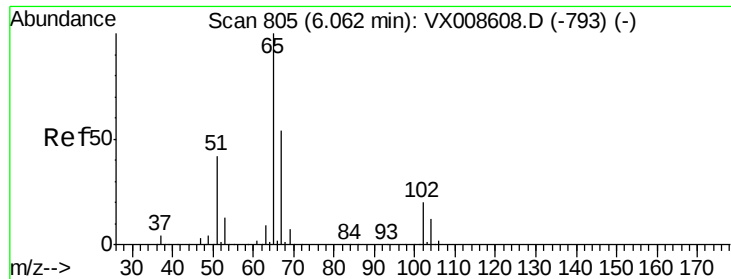
Ion Ratio Lower Upper

56 100

69 26.9 22.6 33.8

84 71.8 59.3 88.9

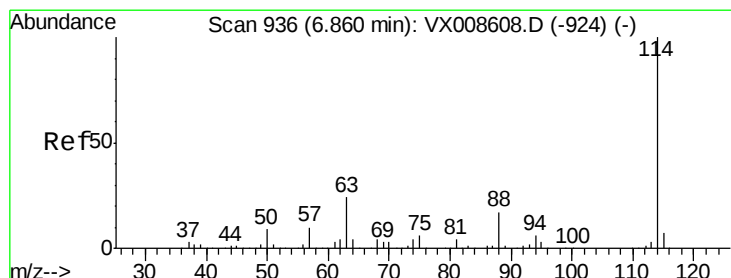
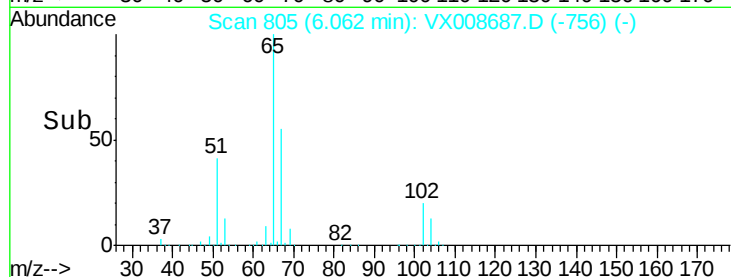
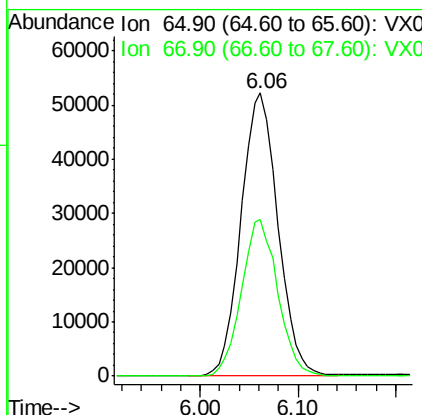
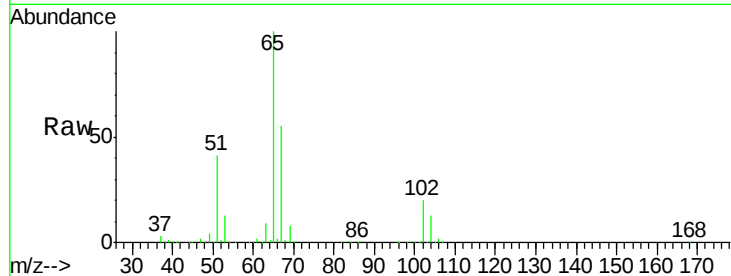




#33
 1,2-Dichloroethane-d4
 Concen: 46.486 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008687.D
 Acq: 05 Apr 2019 17:23

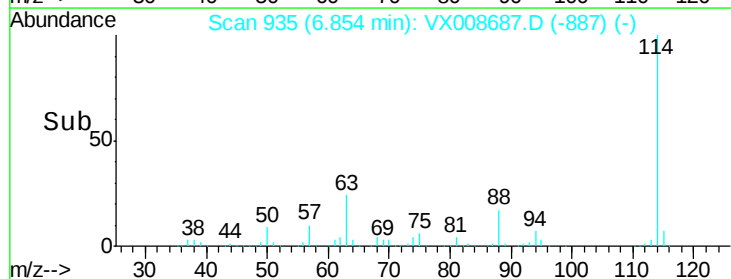
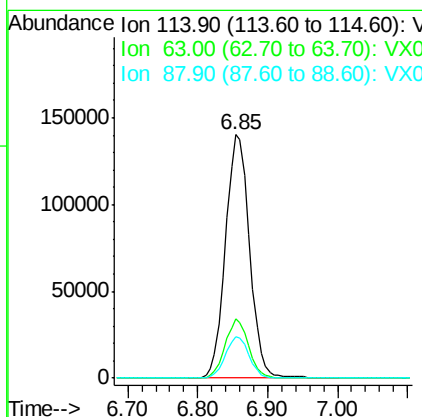
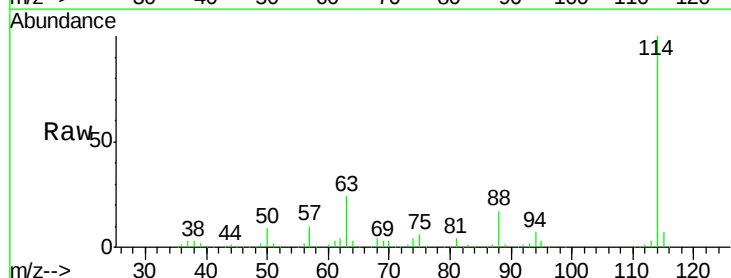
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

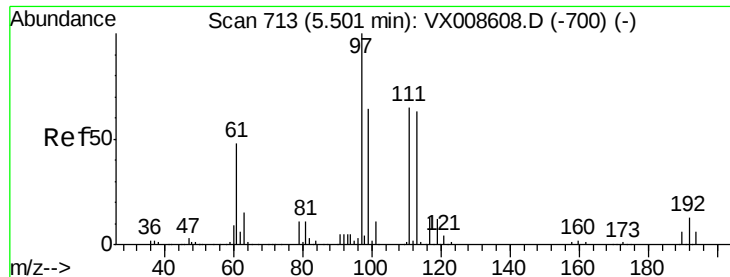
Tgt Ion: 65 Resp: 136767
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#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





#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

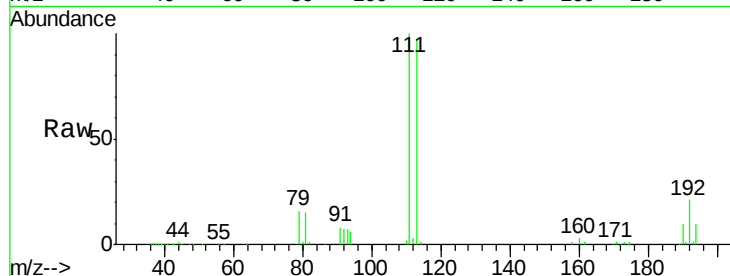
Tgt Ion:113 Resp: 100441

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

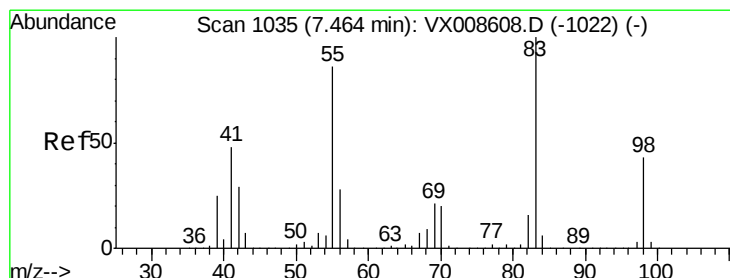
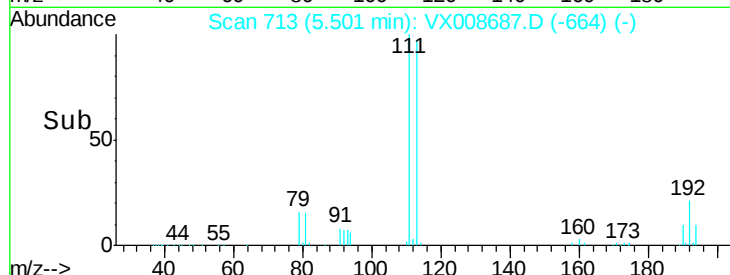
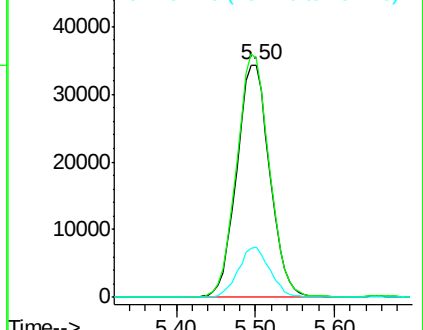
192 20.7 16.1 24.1



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



#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

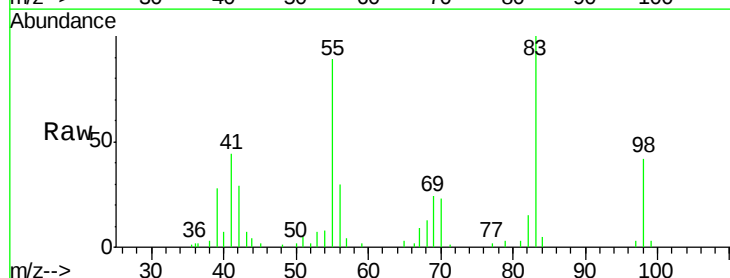
Tgt Ion: 83 Resp: 8932

Ion Ratio Lower Upper

83 100

55 87.5 69.0 103.6

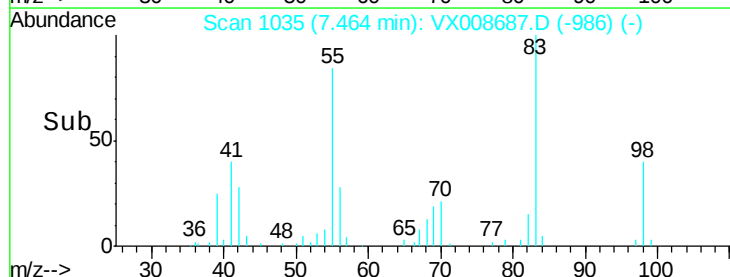
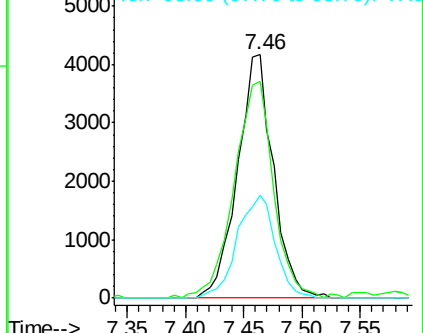
98 42.3 34.4 51.6

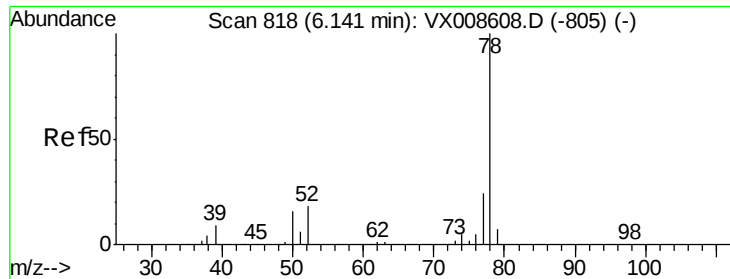


Abundance Ion 83.00 (82.70 to 83.70): VX0

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

ClientSampleId :

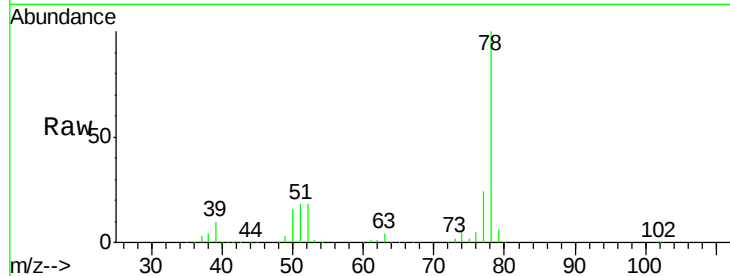
MW-2DL

Tgt Ion: 78 Resp: 943985

Ion Ratio Lower Upper

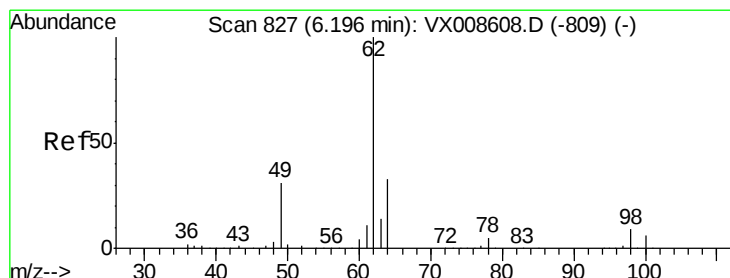
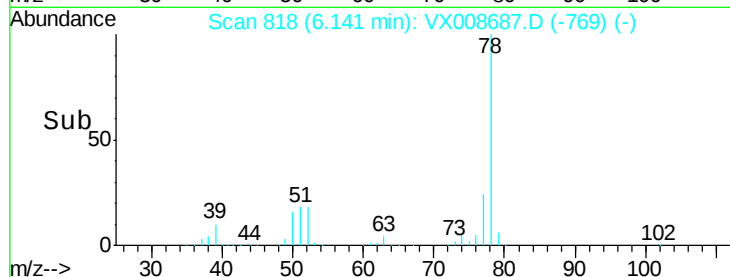
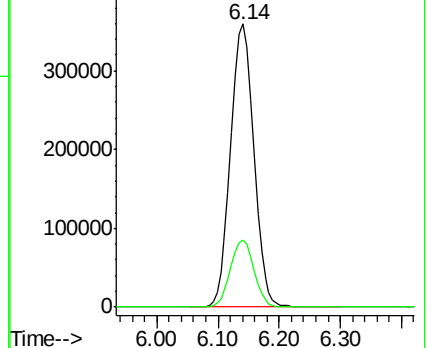
78 100

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



#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

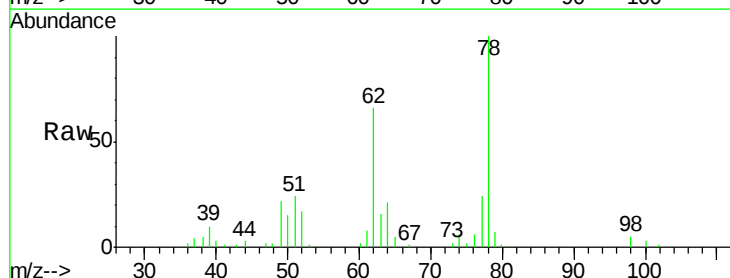
Acq: 05 Apr 2019 17:23

Tgt Ion: 62 Resp: 15120

Ion Ratio Lower Upper

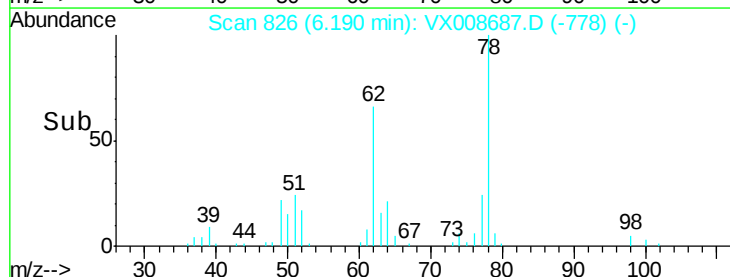
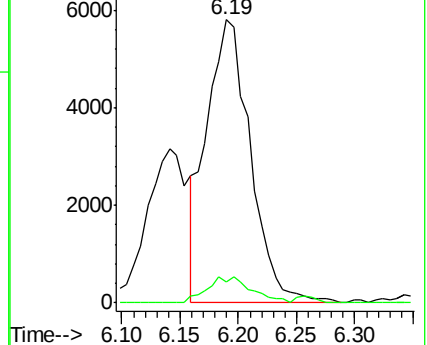
62 100

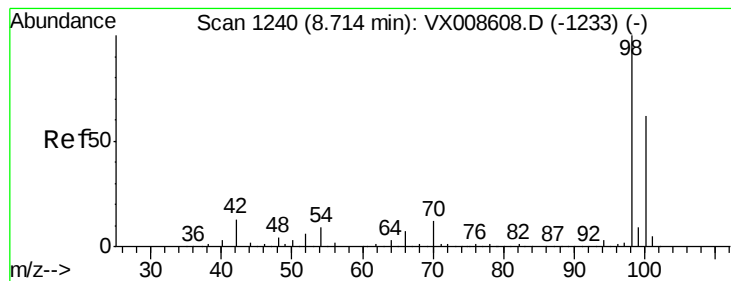
98 9.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#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

Instrument :

MSVOA_X

ClientSampled :

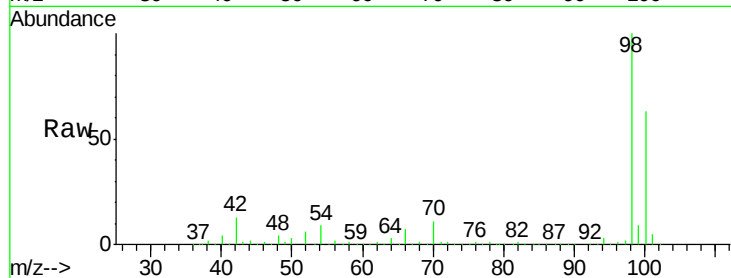
MW-2DL

Tgt Ion: 98 Resp: 425157

Ion Ratio Lower Upper

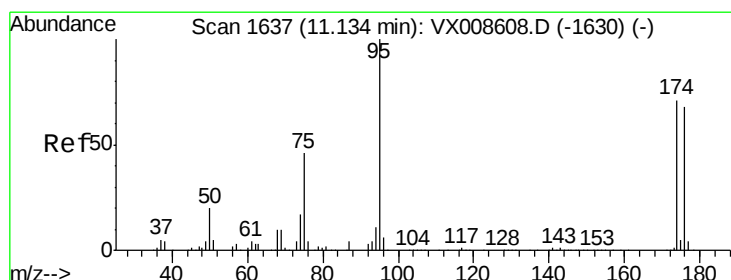
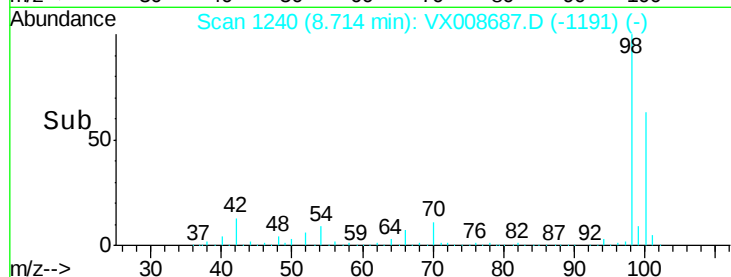
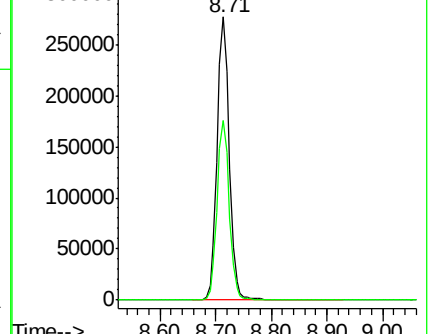
98 100

100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#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

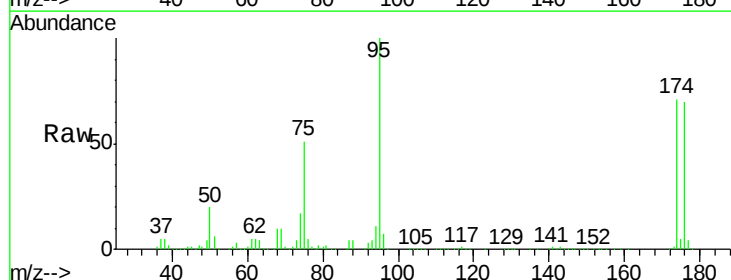
Tgt Ion: 95 Resp: 144560

Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.8

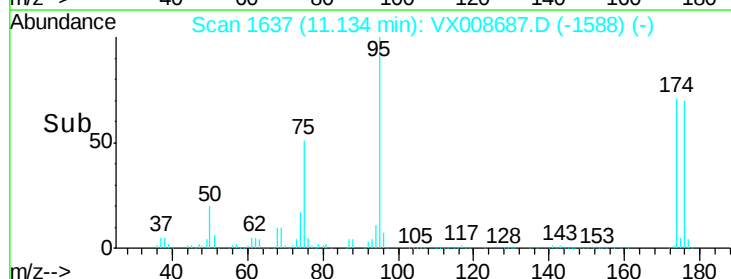
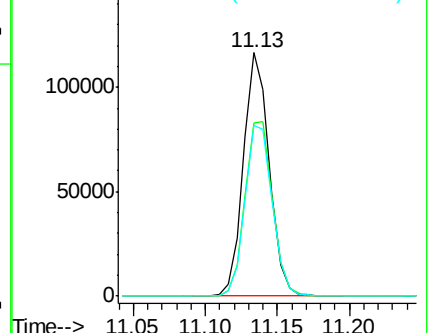
176 74.3 0.0 145.8

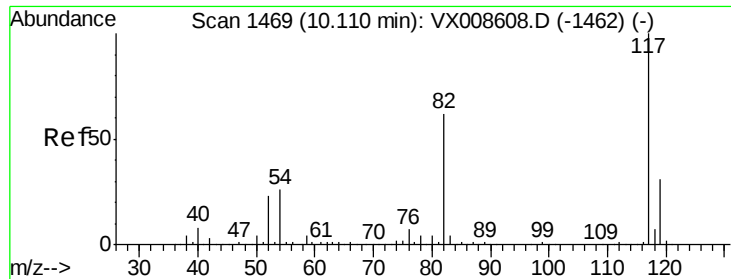


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

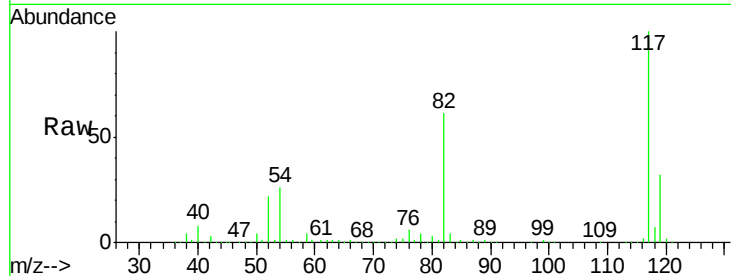




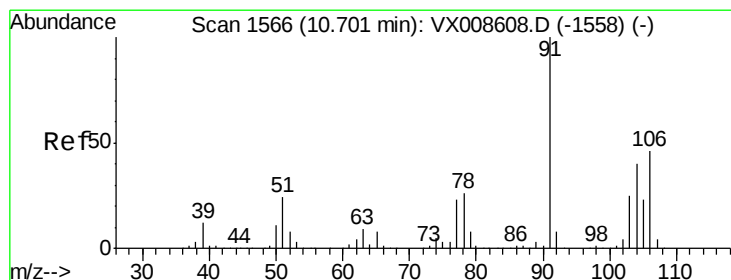
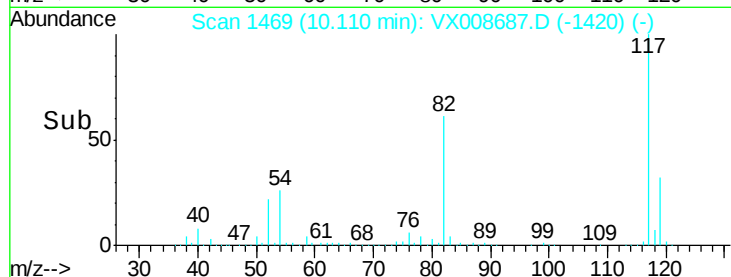
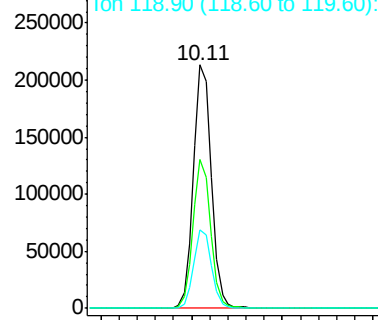
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
MW-2DL

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

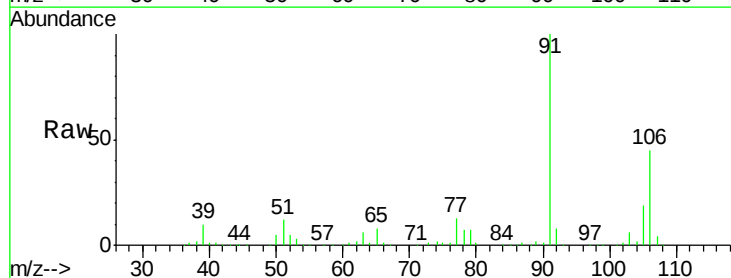


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

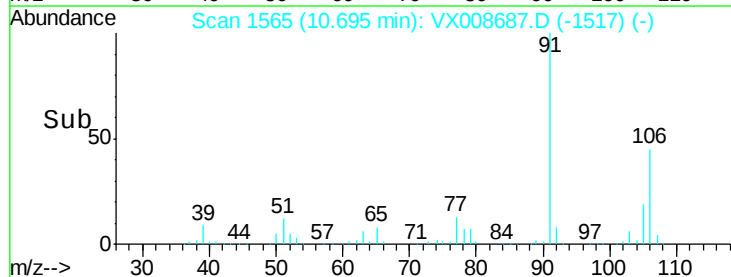
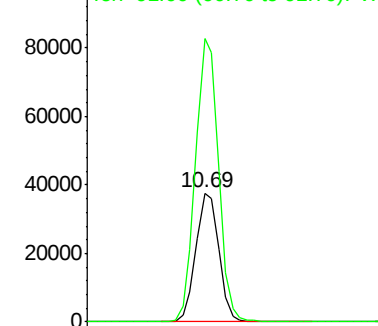


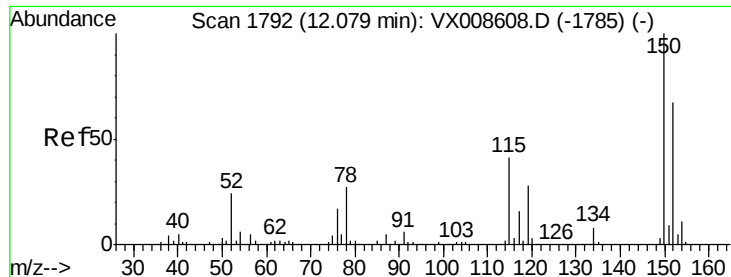
#69
o-Xylene
Concen: 12.053 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008687.D
Acq: 05 Apr 2019 17:23

Tgt 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





#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

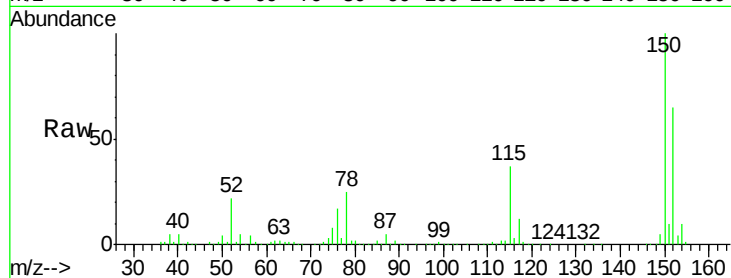
Tgt Ion:152 Resp: 126920

Ion Ratio Lower Upper

152 100

115 60.1 43.5 130.5

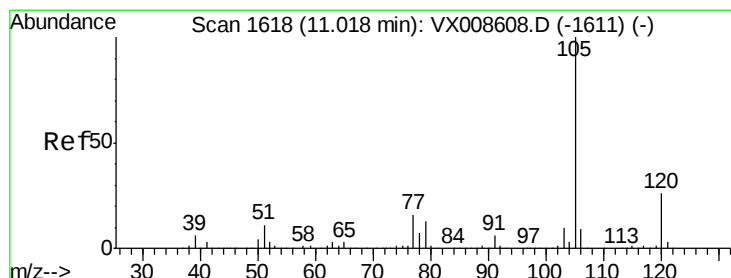
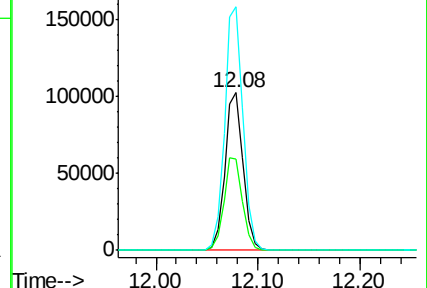
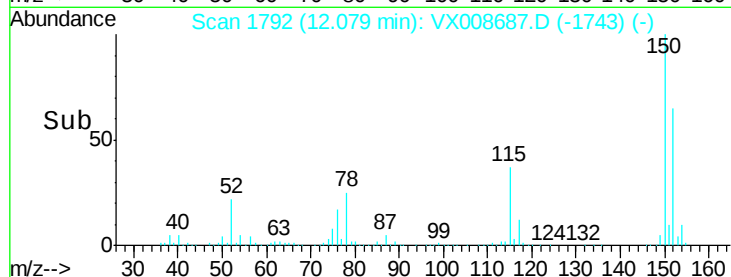
150 156.5 0.0 348.8



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

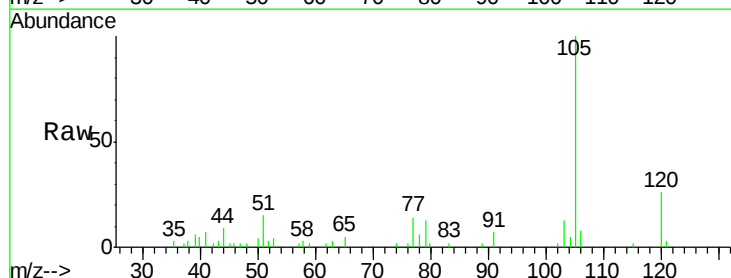
Acq: 05 Apr 2019 17:23

Tgt Ion:105 Resp: 3770

Ion Ratio Lower Upper

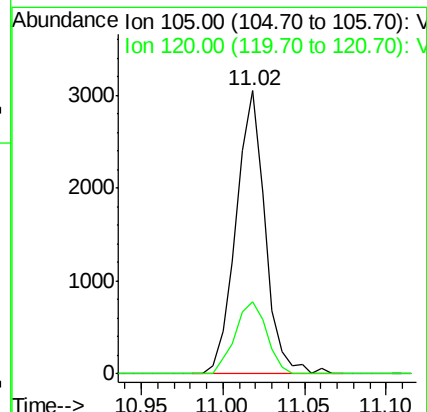
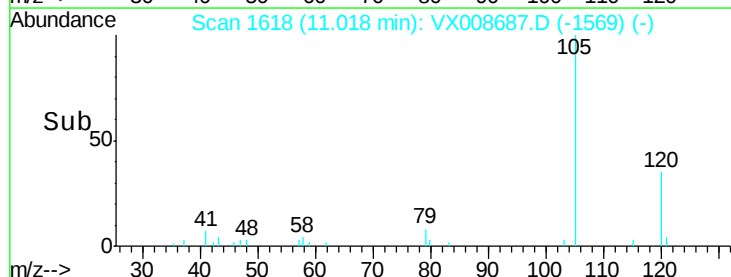
105 100

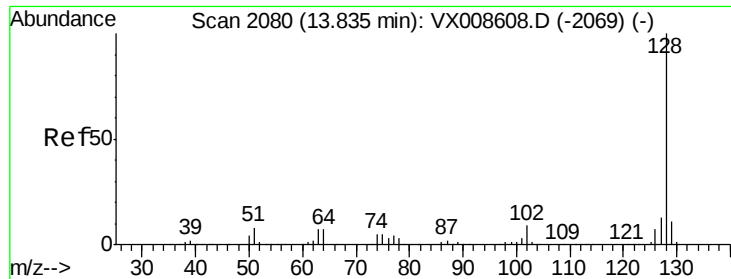
120 27.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

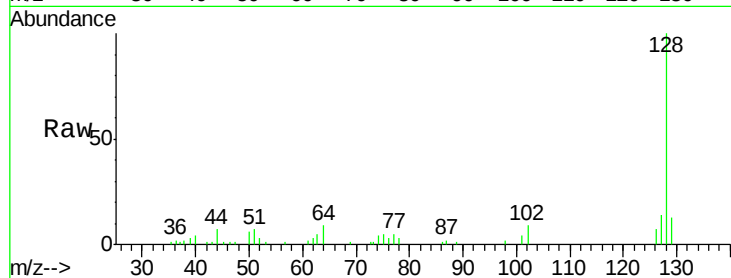




#95
 Naphthalene
 Concen: 0.675 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX008687.D
 Acq: 05 Apr 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Tgt 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

