

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010671.D
 Acq On : 04 Jul 2019 06:41
 Operator : JC/SP
 Sample : K3669-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Quant Time: Jul 05 01:52:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158625	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	118391	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
35) Dibromofluoromethane	5.50	113	112942	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	446385	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.13	95	149433	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	

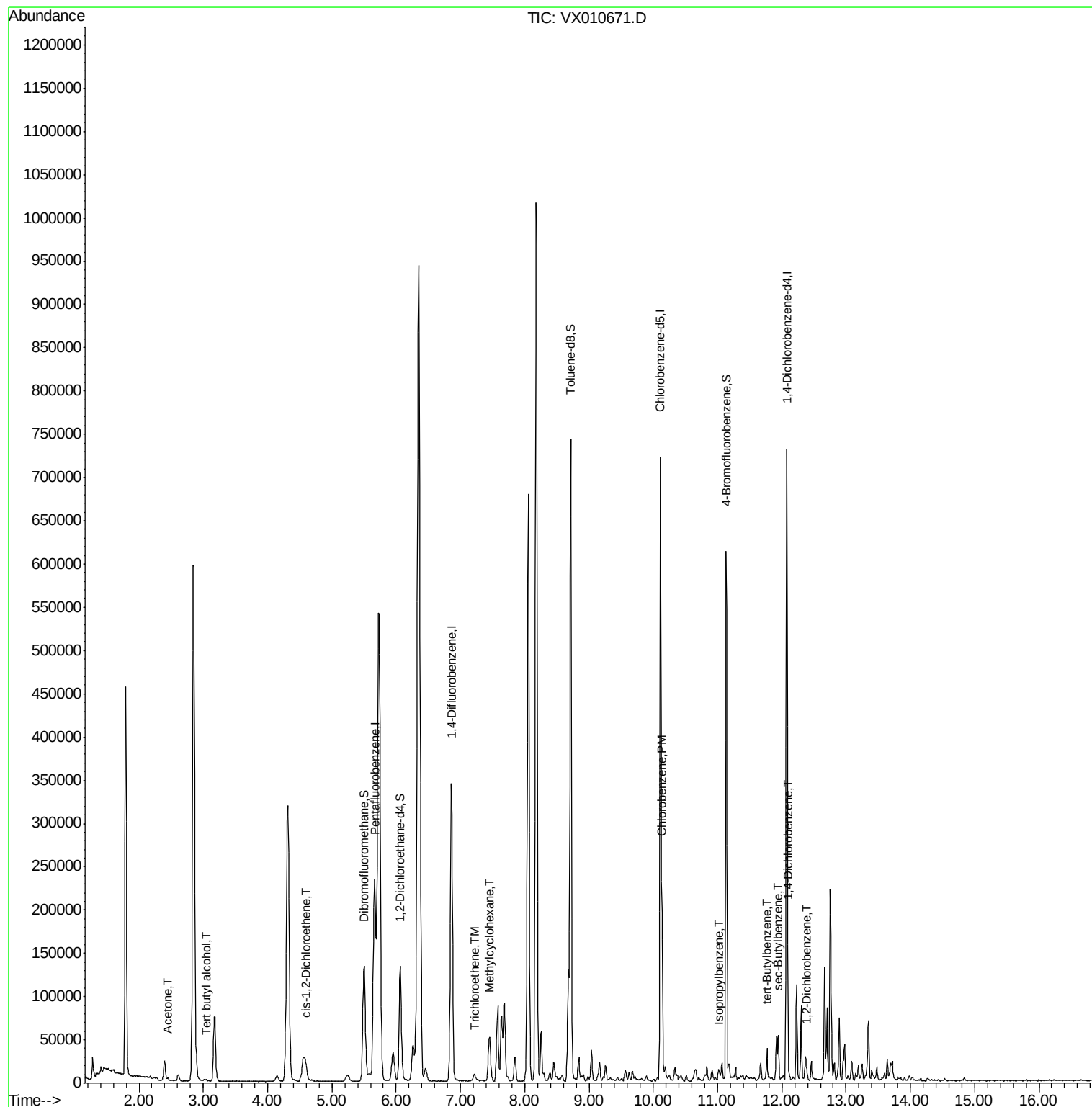
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	2222	3.792	ug/l #	74
16) Acetone	2.45	43	3301	2.941	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	8858	3.443	ug/l	90
39) Methylcyclohexane	7.45	83	16448	4.258	ug/l #	62
44) Trichloroethene	7.22	130	3219	1.175	ug/l	99
65) Chlorobenzene	10.13	112	77627	11.378	ug/l	99
73) Isopropylbenzene	11.02	105	6096	0.567	ug/l	95
83) tert-Butylbenzene	11.77	119	12972	1.458	ug/l	86
85) sec-Butylbenzene	11.94	105	26901	2.575	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	6504	1.219	ug/l #	74
91) 1,2-Dichlorobenzene	12.39	146	1619	0.311	ug/l	92

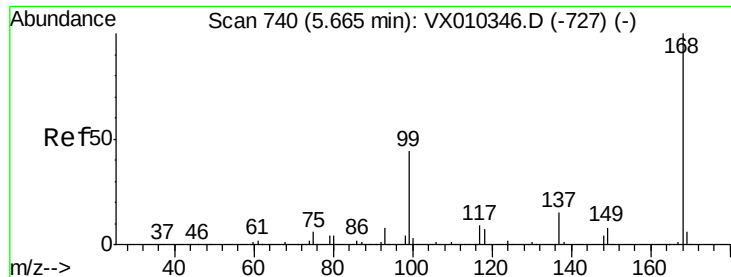
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010671.D
Acq On : 04 Jul 2019 06:41
Operator : JC/SP
Sample : K3669-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Quant Time: Jul 05 01:52:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

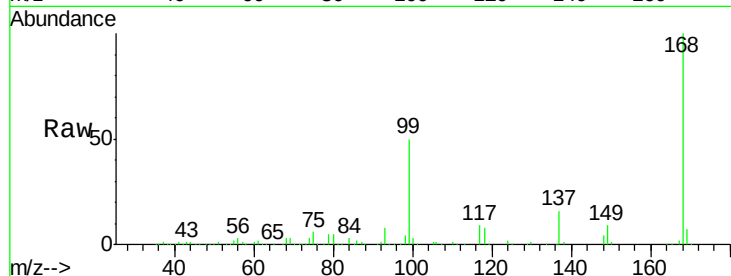
ST008MW038-190701

Tot Ion:168 Resp: 238836

Ion Ratio Lower Upper

168 100

99 50.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

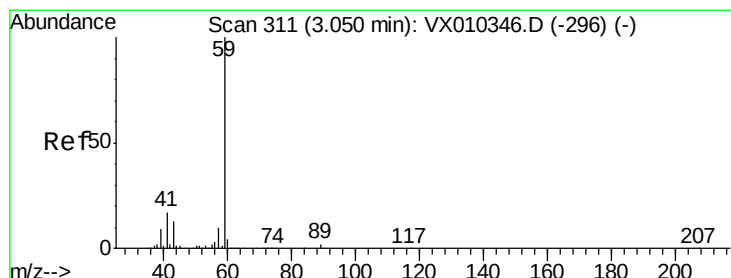
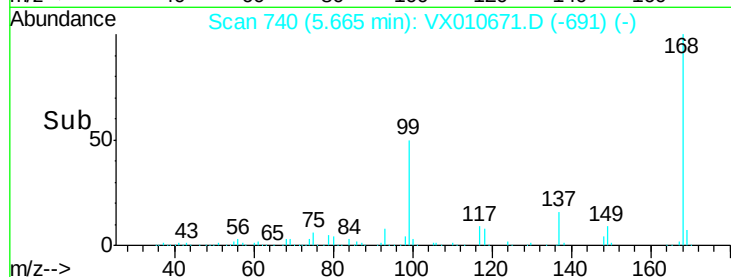
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 3.792 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010671.D

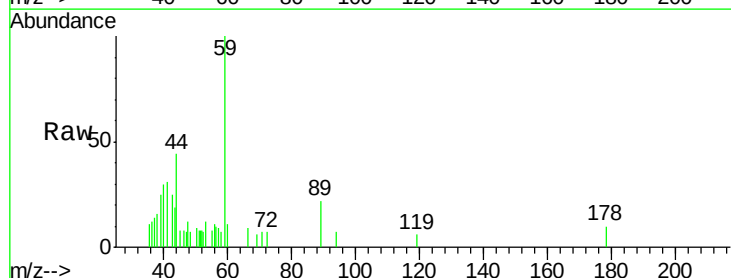
Acq: 04 Jul 2019 06:41

Tgt Ion: 59 Resp: 2222

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

25000

20000

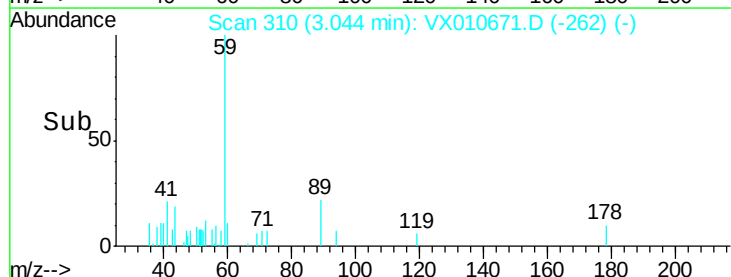
15000

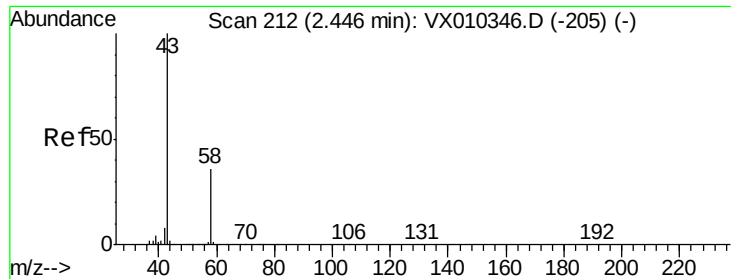
10000

5000

0

Time--> 2.95 3.00 3.05 3.10 3.15

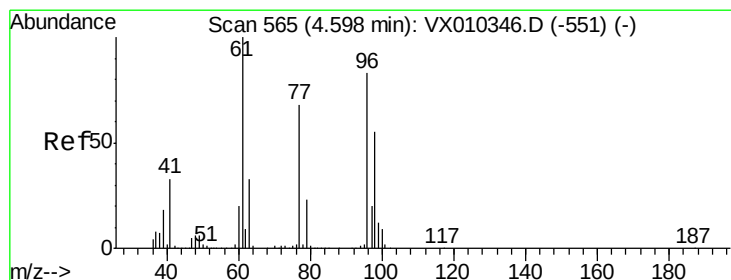
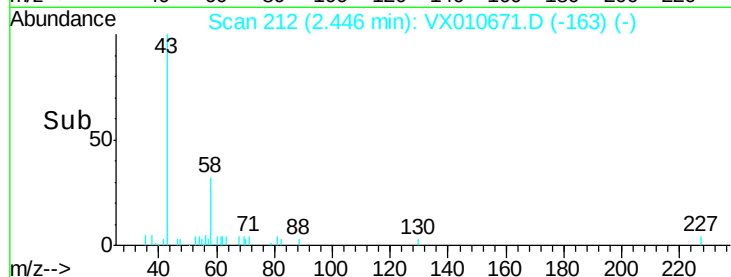
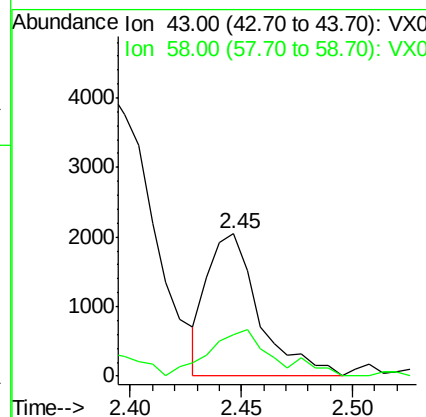
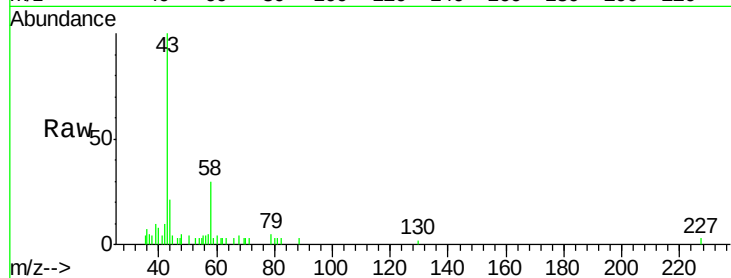




#16
Acetone
Concen: 2.941 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

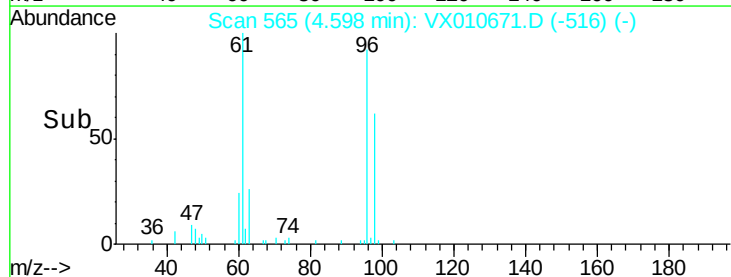
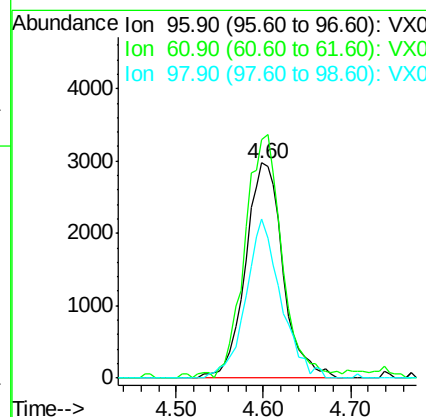
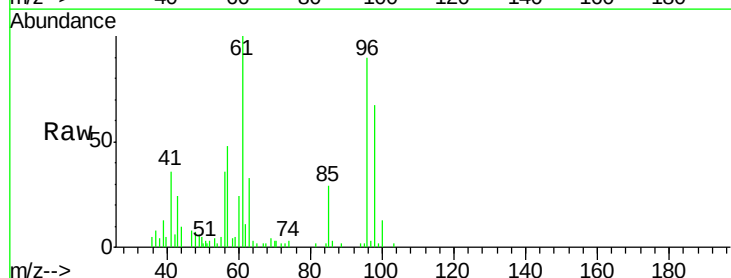
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

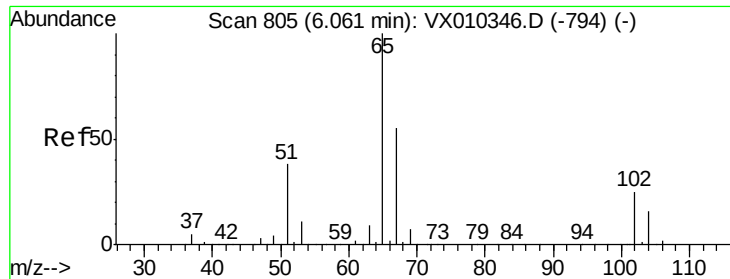
Tot Ion: 43 Resp: 3301
Ion Ratio Lower Upper
43 100
58 29.6 28.9 43.3



#27
cis-1,2-Dichloroethene
Concen: 3.443 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion: 96 Resp: 8858
Ion Ratio Lower Upper
96 100
61 112.0 0.0 251.8
98 69.0 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 52.869 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

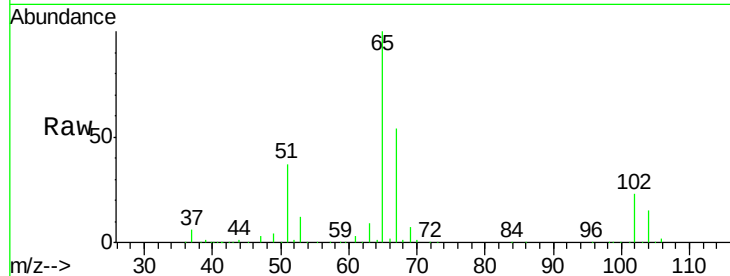
ST008MW038-190701

Tot Ion: 65 Resp: 118391

Ion Ratio Lower Upper

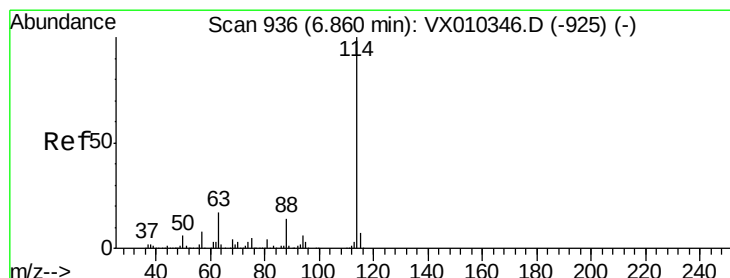
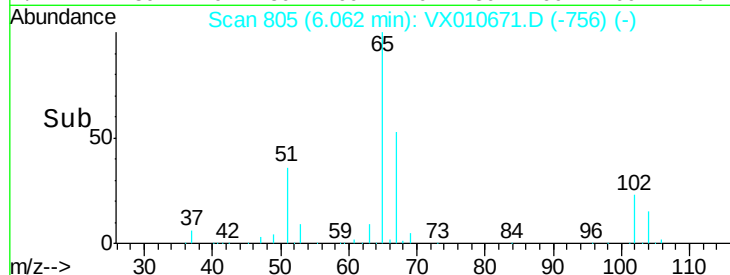
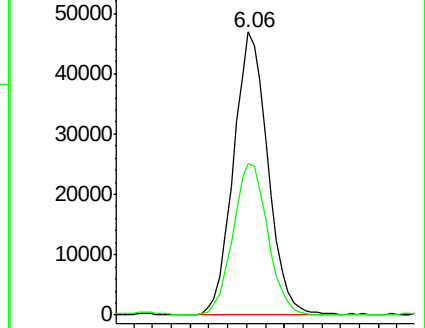
65 100

67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

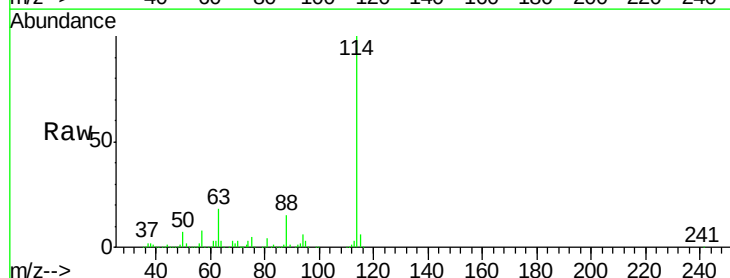
Tgt Ion: 114 Resp: 369822

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

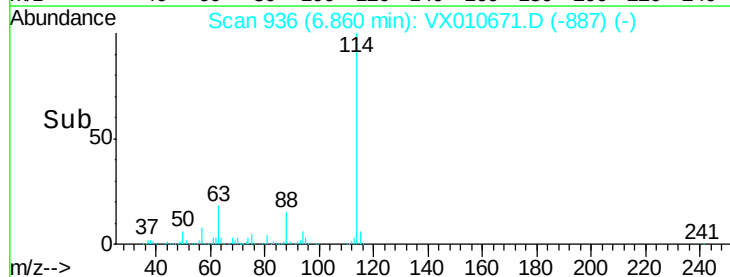
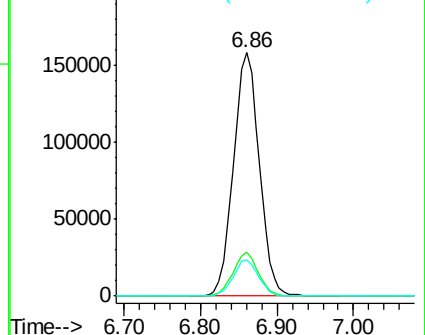
88 15.1 0.0 27.6

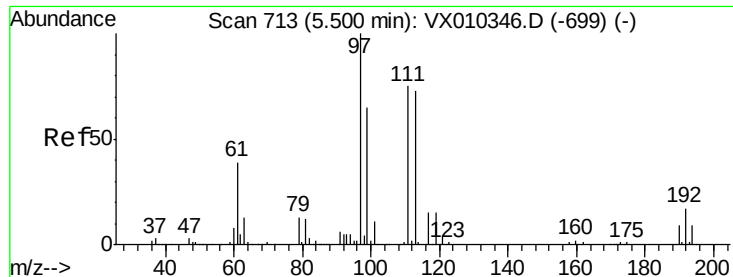


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

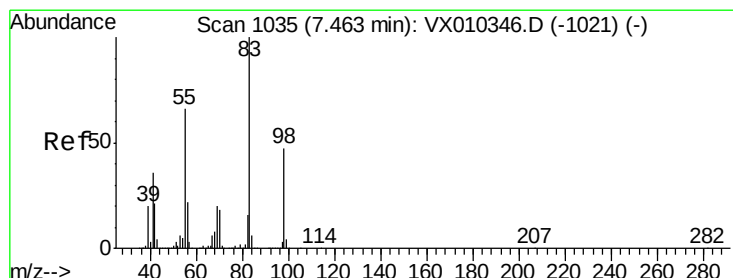
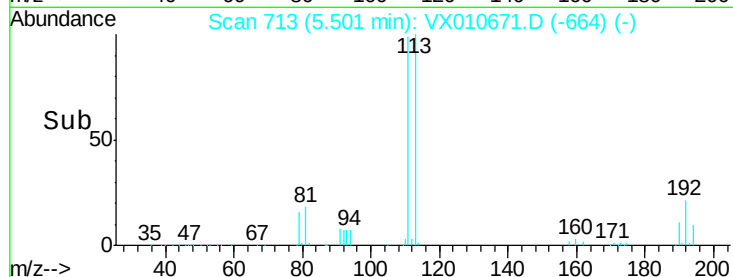
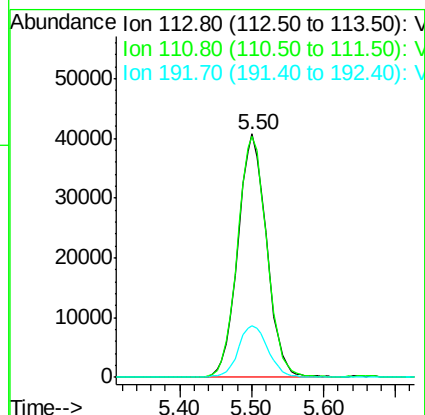
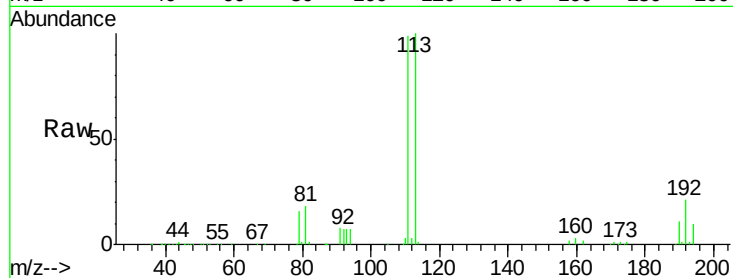




#35
Dibromofluoromethane
Concen: 49.915 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

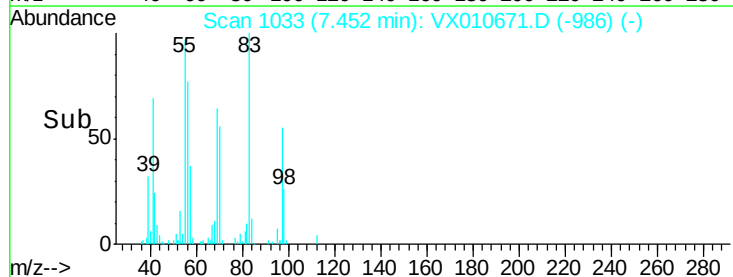
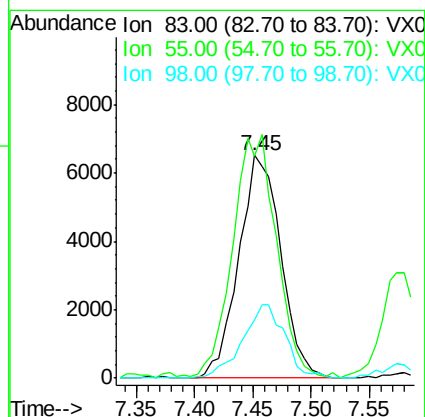
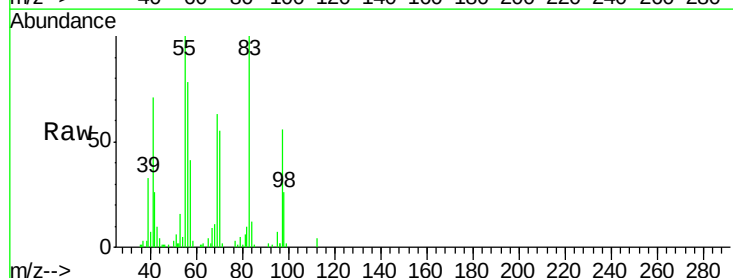
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

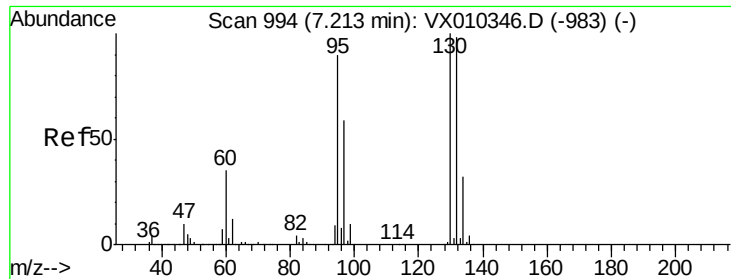
Tot Ion:113 Resp: 112942
Ion Ratio Lower Upper
113 100
111 100.9 81.2 121.8
192 21.8 18.6 27.8



#39
Methylcyclohexane
Concen: 4.258 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion: 83 Resp: 16448
Ion Ratio Lower Upper
83 100
55 99.8 53.0 79.6#
98 26.1 37.8 56.8#





#44

Trichloroethene

Concen: 1.175 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

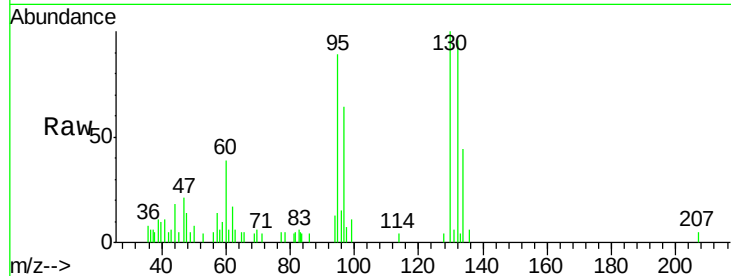
ST008MW038-190701

Tot Ion:130 Resp: 3219

Ion Ratio Lower Upper

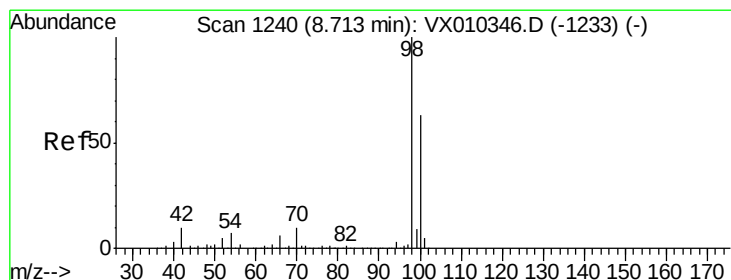
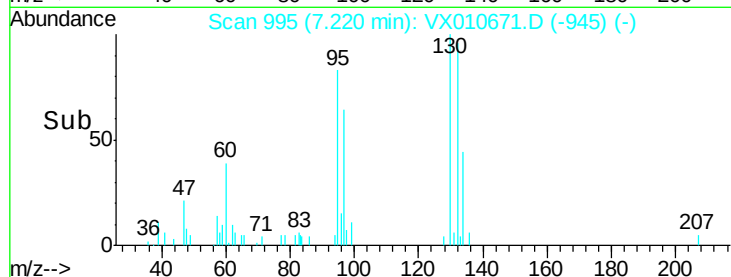
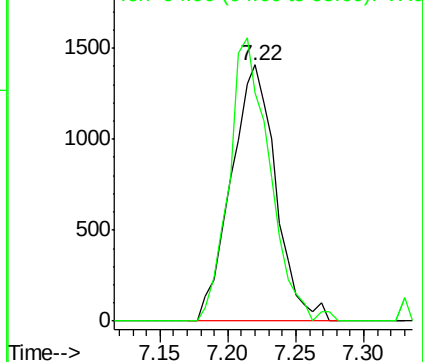
130 100

95 89.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.565 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010671.D

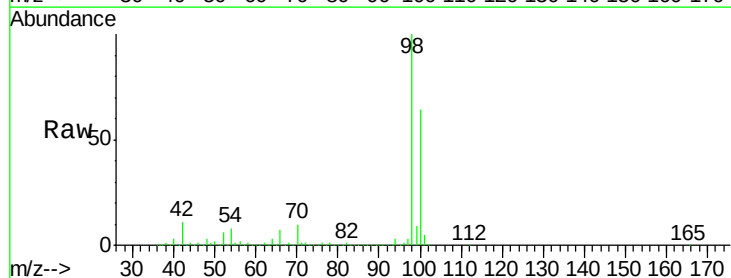
Acq: 04 Jul 2019 06:41

Tgt Ion: 98 Resp: 446385

Ion Ratio Lower Upper

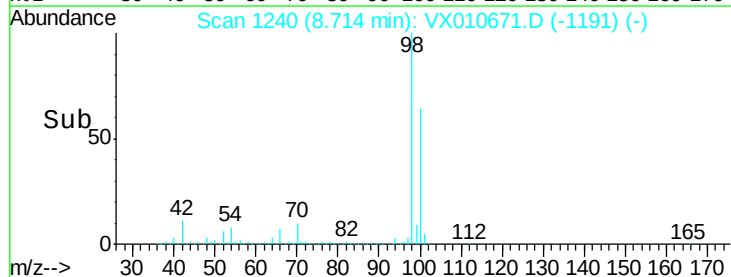
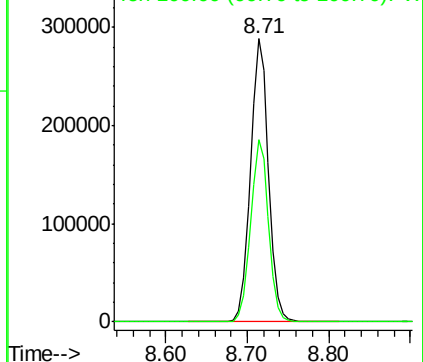
98 100

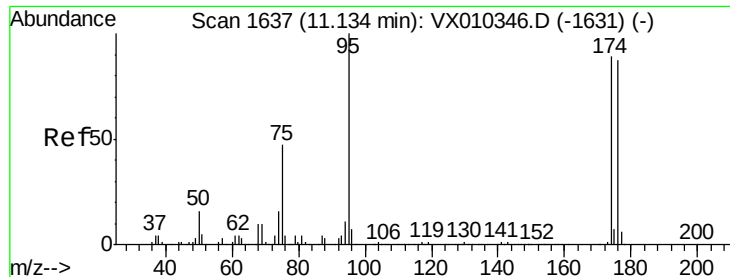
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

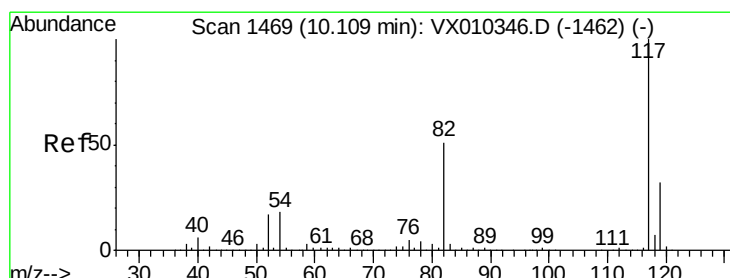
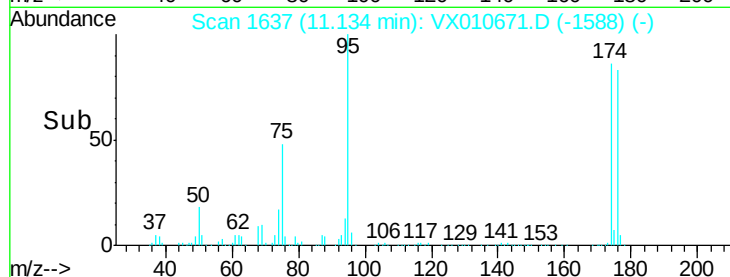
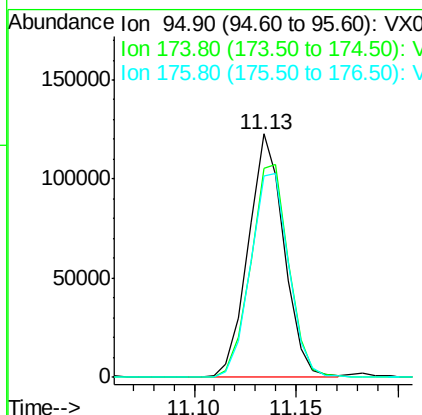
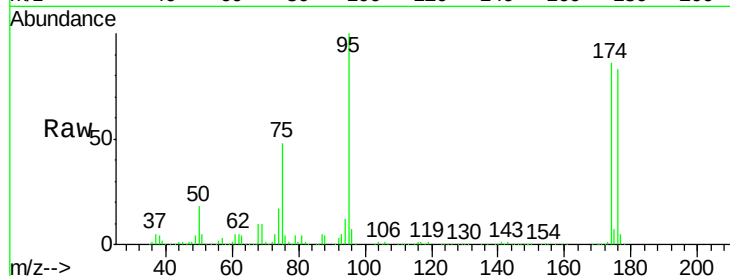




#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

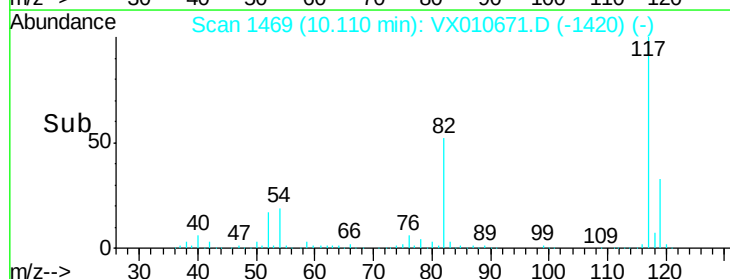
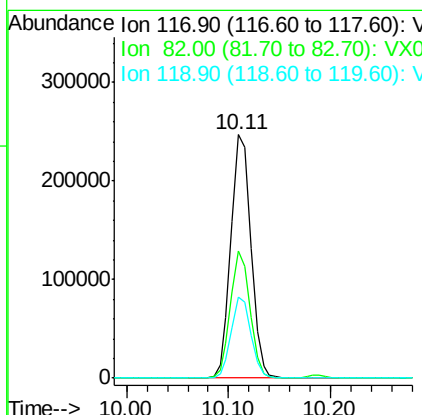
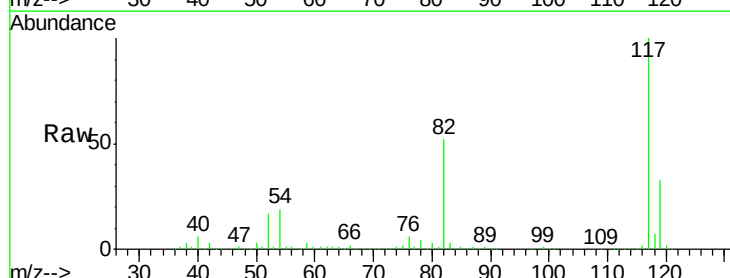
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

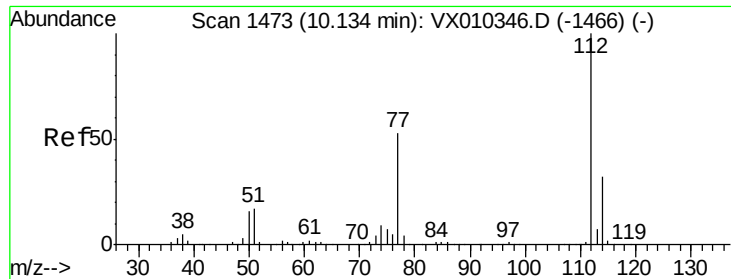
Tot Ion	95	Resp	149433
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	187.6
176	90.2	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion	117	Resp	336047
Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.2	61.8
119	33.0	25.5	38.3





#65

Chlorobenzene

Concen: 11.378 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

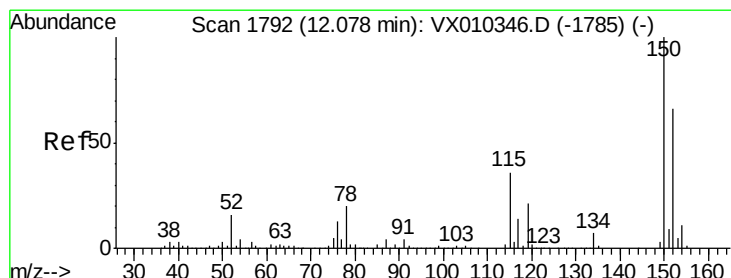
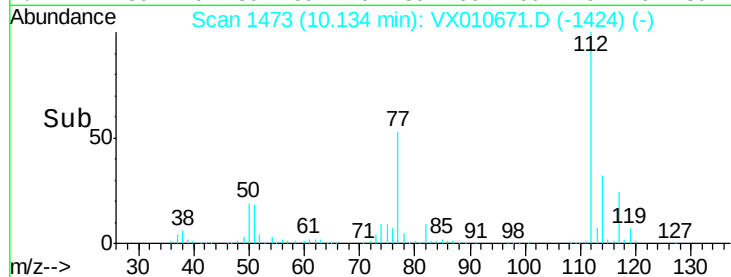
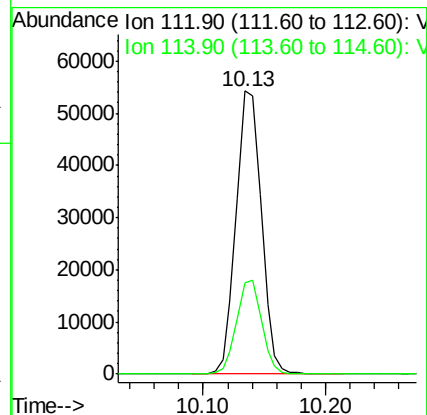
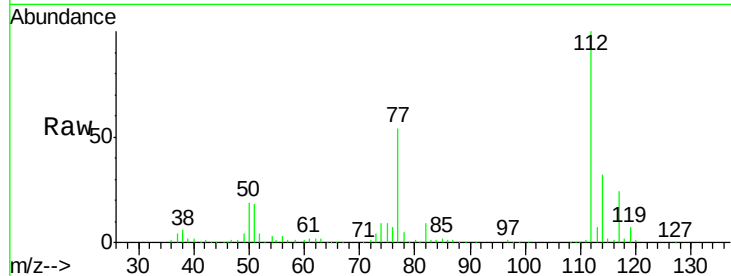
ST008MW038-190701

Tot Ion:112 Resp: 77627

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

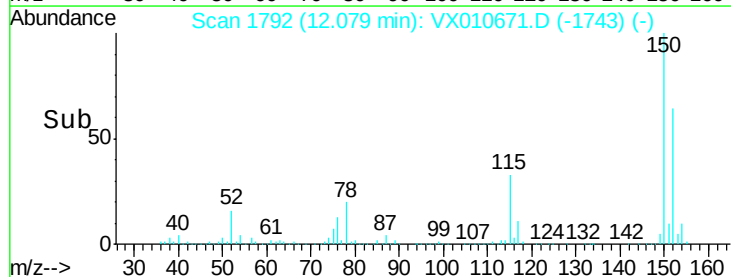
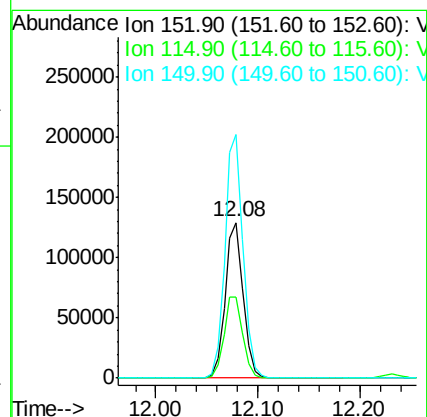
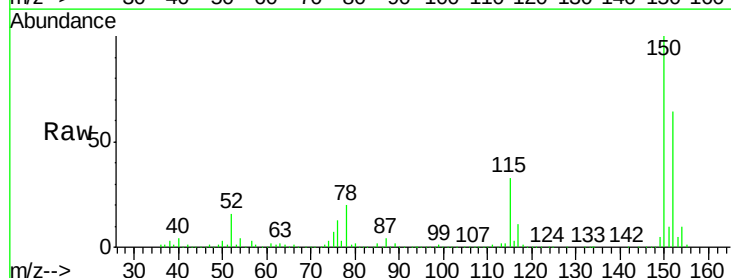
Tgt Ion:152 Resp: 158625

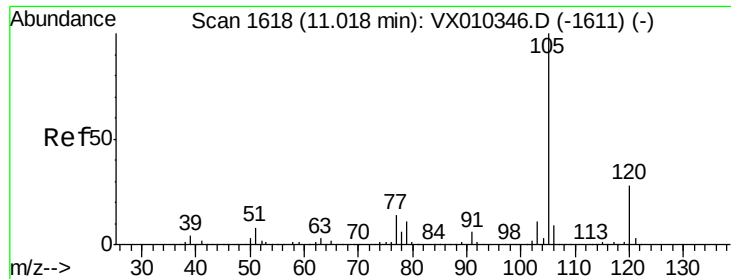
Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 157.3 0.0 347.4





#73

Isopropylbenzene

Concen: 0.567 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

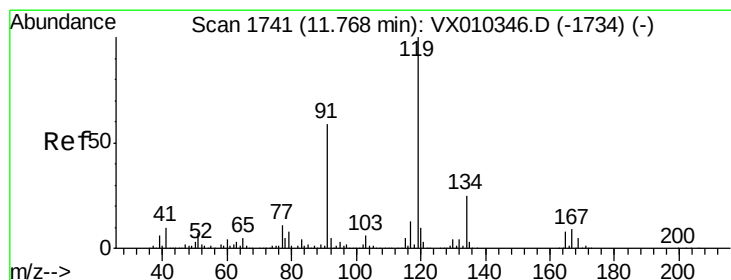
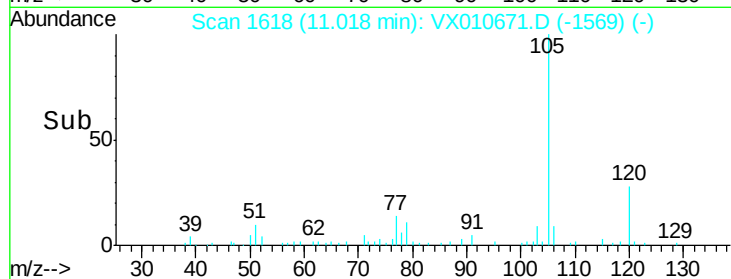
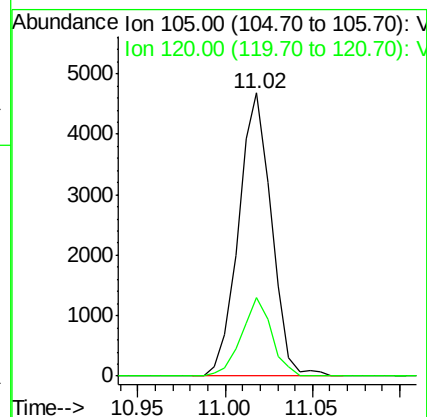
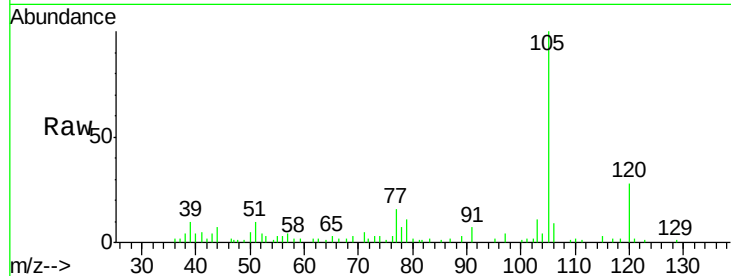
ST008MW038-190701

Tot Ion:105 Resp: 6096

Ion Ratio Lower Upper

105 100

120 25.4 14.1 42.4



#83

tert-Butylbenzene

Concen: 1.458 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

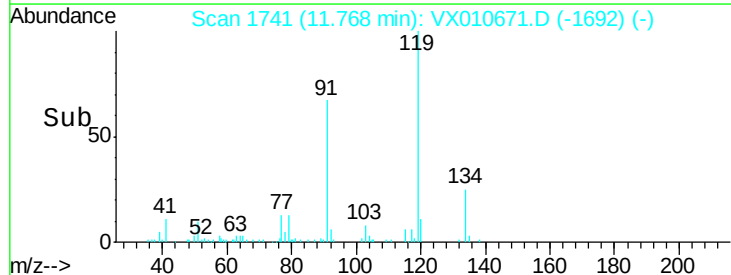
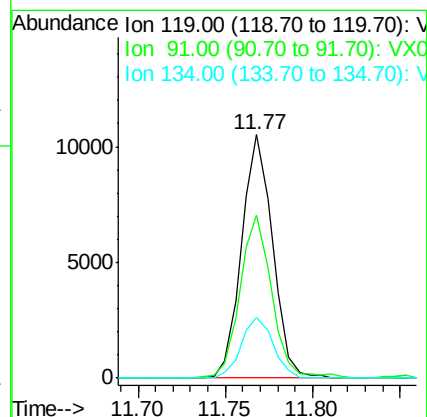
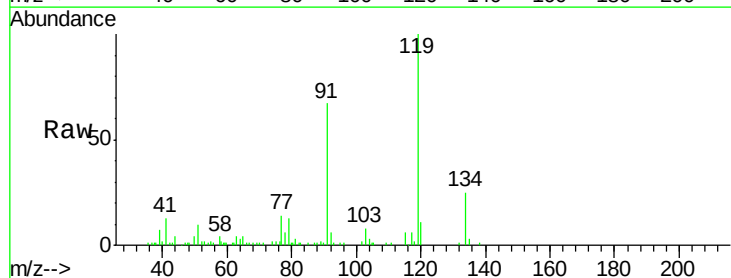
Tgt Ion:119 Resp: 12972

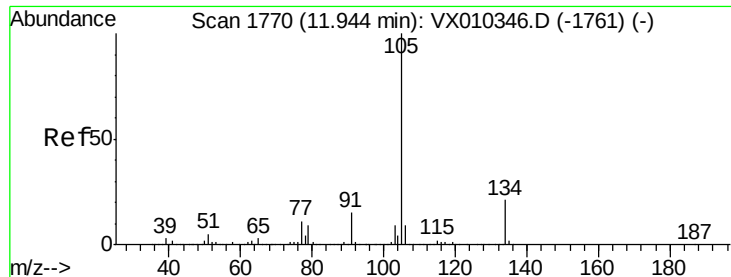
Ion Ratio Lower Upper

119 100

91 68.7 27.6 82.7

134 25.3 11.8 35.4





#85

sec-Butylbenzene

Concen: 2.575 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

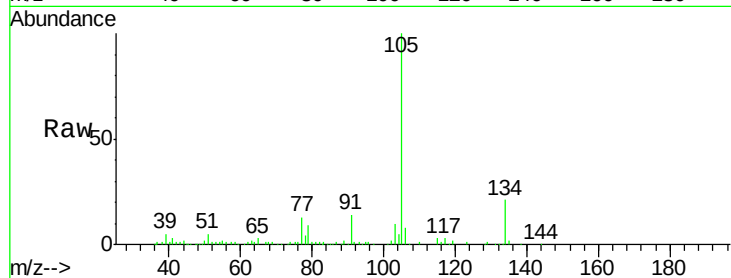
ST008MW038-190701

Tot Ion:105 Resp: 26901

Ion Ratio Lower Upper

105 100

134 19.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

25000

20000

15000

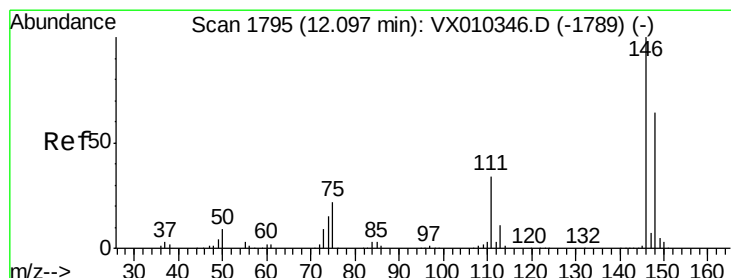
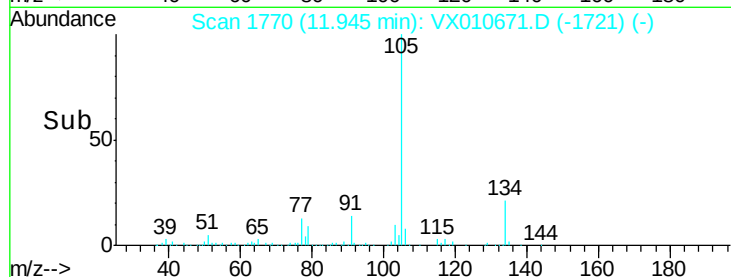
10000

5000

0

Time-->

11.90 12.00



#88

1,4-Dichlorobenzene

Concen: 1.219 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

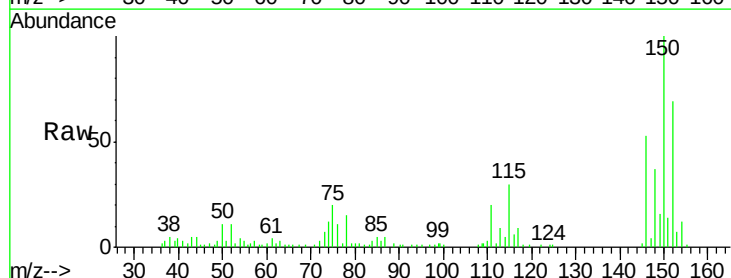
Tgt Ion:146 Resp: 6504

Ion Ratio Lower Upper

146 100

111 68.3 18.1 54.3#

148 72.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.10

6000

5000

4000

3000

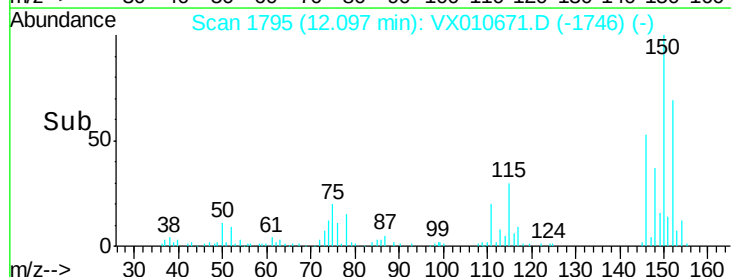
2000

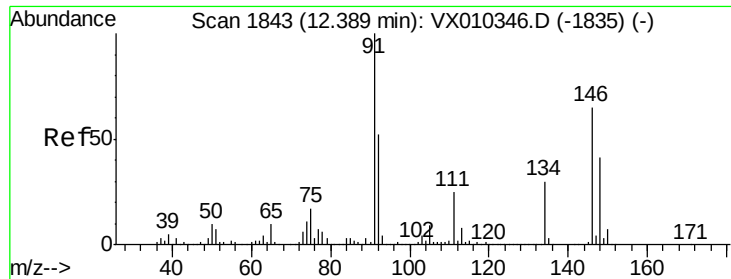
1000

0

Time-->

12.05 12.10 12.15





#91

1,2-Dichlorobenzene

Concen: 0.311 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

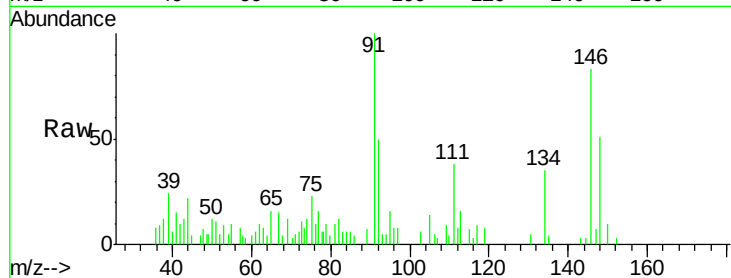
Tot Ion:146 Resp: 1619

Ion Ratio Lower Upper

146 100

111 42.4 19.2 57.6

148 70.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

