

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010668.D
 Acq On : 04 Jul 2019 05:31
 Operator : JC/SP
 Sample : K3669-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701

Quant Time: Jul 05 01:19:30 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	5.66	168	225575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153526	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	111848	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
35) Dibromofluoromethane	5.50	113	107396	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	8.71	98	418851	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.13	95	144974	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	

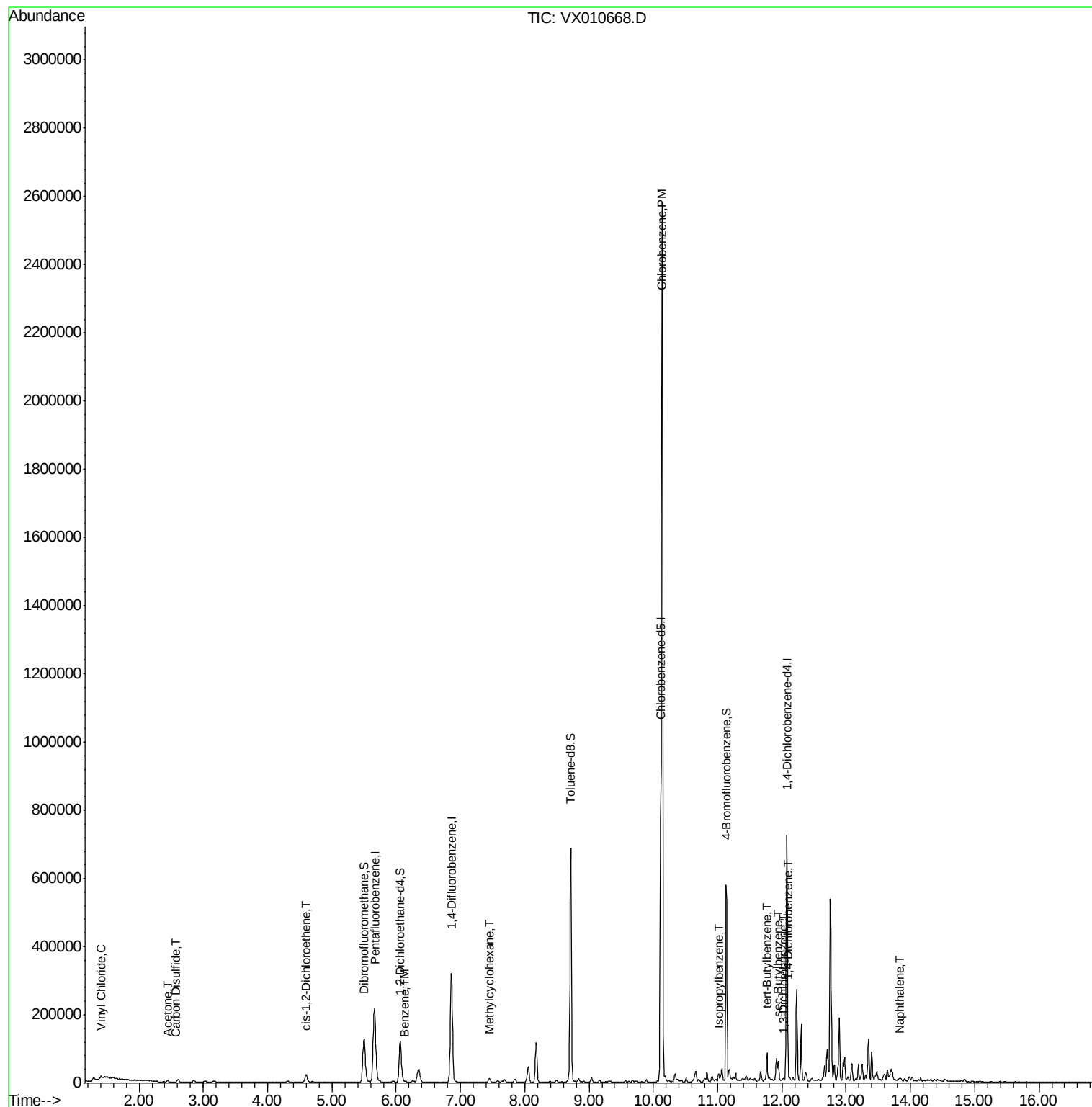
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	5868	2.934	ug/l #	73
16) Acetone	2.44	43	5491	5.180	ug/l	90
17) Carbon Disulfide	2.57	76	2092	0.399	ug/l #	80
27) cis-1,2-Dichloroethene	4.60	96	15286	6.290	ug/l	92
39) Methylcyclohexane	7.45	83	3407	0.936	ug/l #	57
40) Benzene	6.14	78	4137	0.480	ug/l	98
65) Chlorobenzene	10.14	112	1200087	183.274	ug/l	99
73) Isopropylbenzene	11.02	105	12842	1.234	ug/l	98
83) tert-Butylbenzene	11.77	119	30668	3.561	ug/l	93
85) sec-Butylbenzene	11.94	105	27312	2.701	ug/l #	55
87) 1,3-Dichlorobenzene	12.02	146	2036	0.401	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	3805	0.737	ug/l #	48
95) Naphthalene	13.83	128	3392	0.316	ug/l #	72

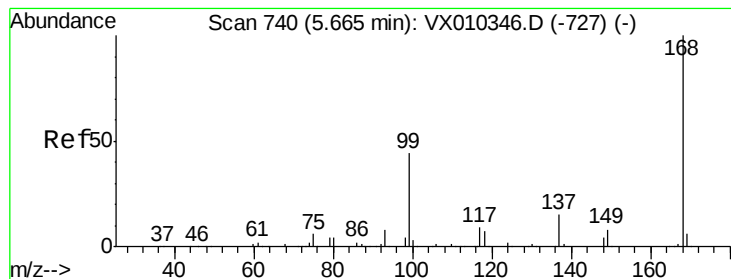
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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Quant Time: Jul 05 01:19:30 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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010668.D

Acq: 04 Jul 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

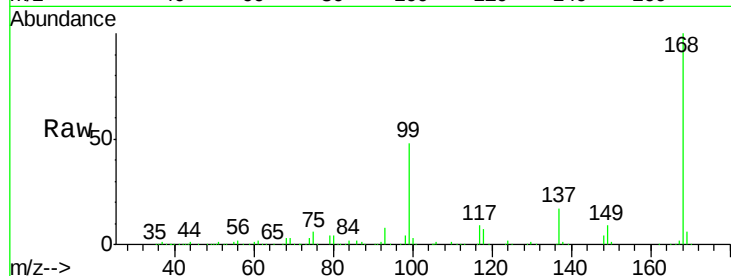
SS037MW036-190701

Tot Ion:168 Resp: 225575

Ion Ratio Lower Upper

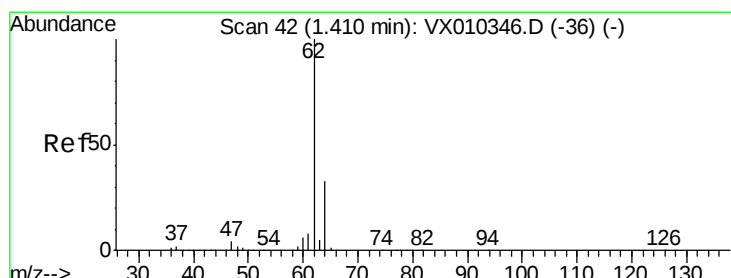
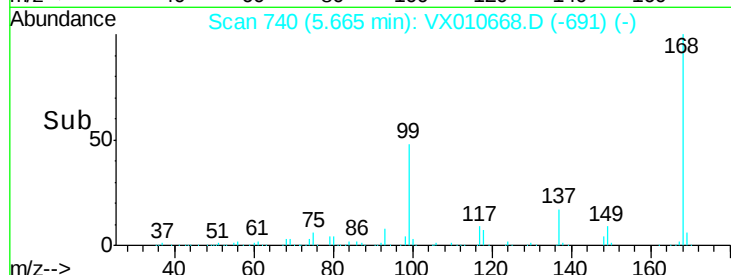
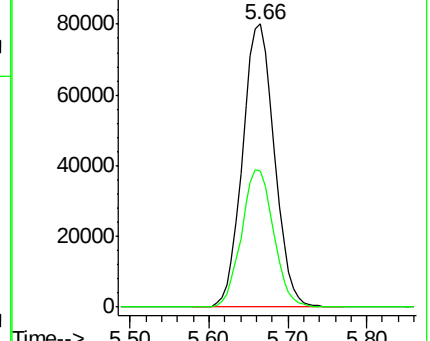
168 100

99 48.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.934 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010668.D

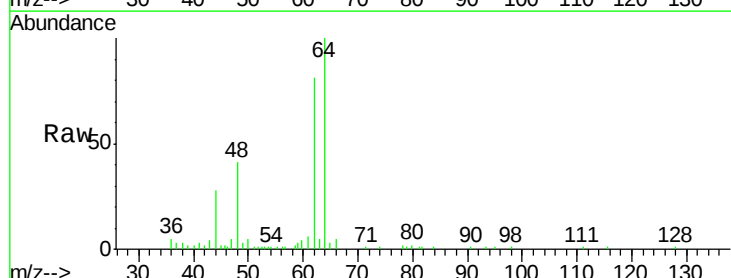
Acq: 04 Jul 2019 05:31

Tgt Ion: 62 Resp: 5868

Ion Ratio Lower Upper

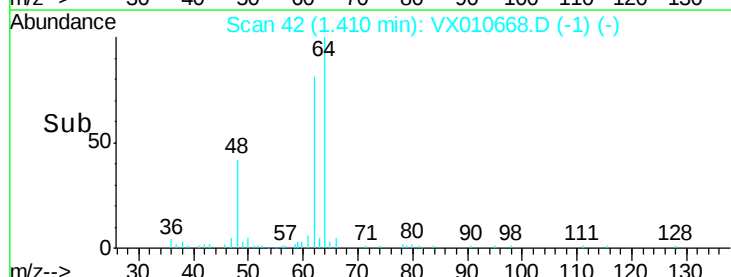
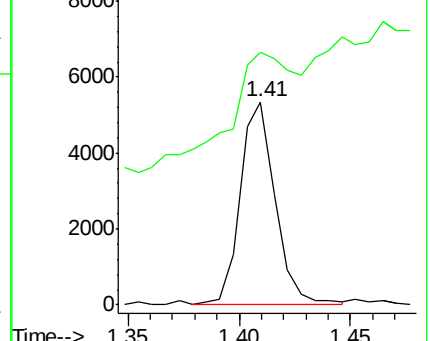
62 100

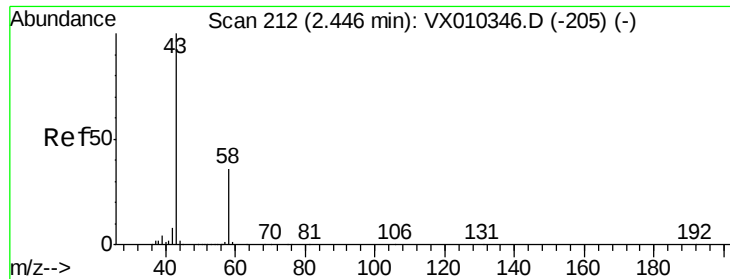
64 47.8 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 5.180 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010668.D

Acq: 04 Jul 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

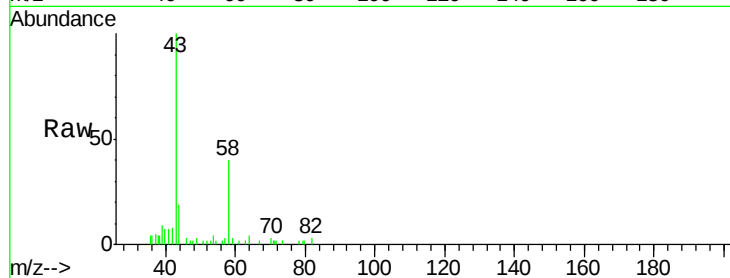
SS037MW036-190701

Tot Ion: 43 Resp: 5491

Ion Ratio Lower Upper

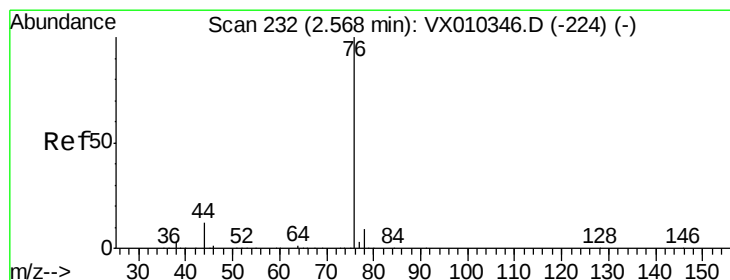
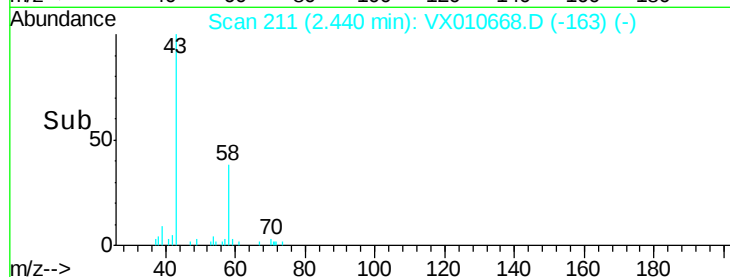
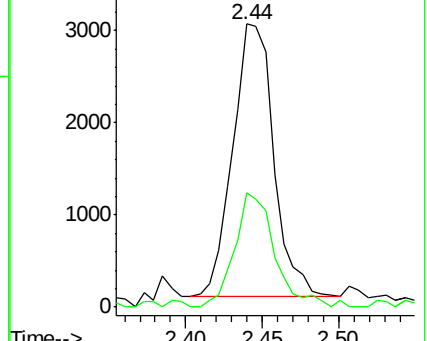
43 100

58 42.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.399 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010668.D

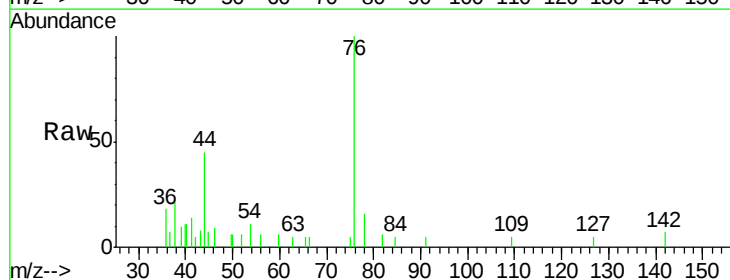
Acq: 04 Jul 2019 05:31

Tgt Ion: 76 Resp: 2092

Ion Ratio Lower Upper

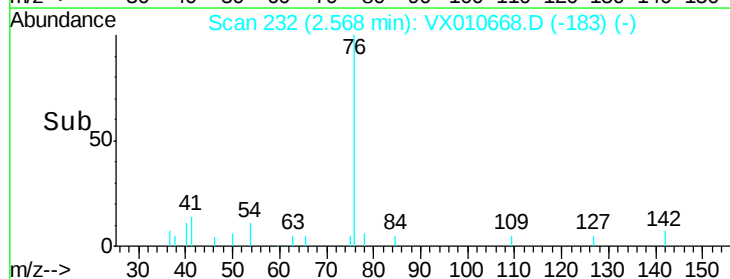
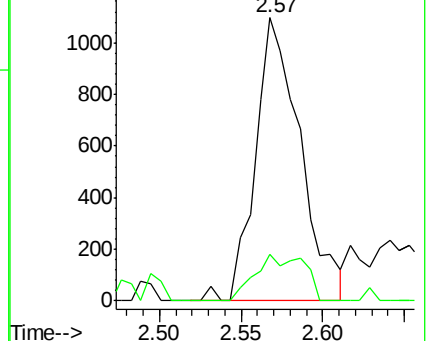
76 100

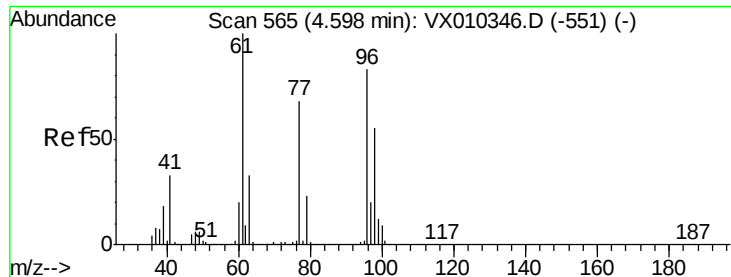
78 16.3 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



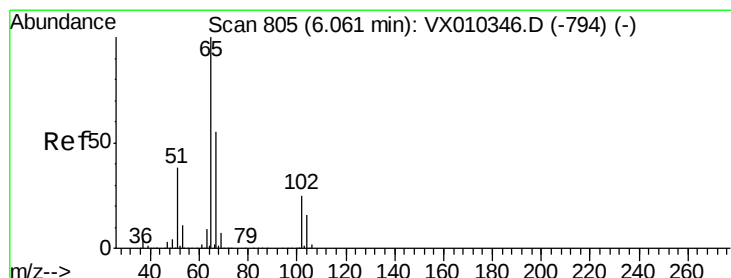
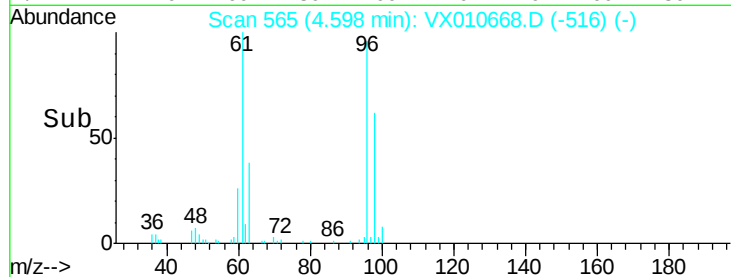
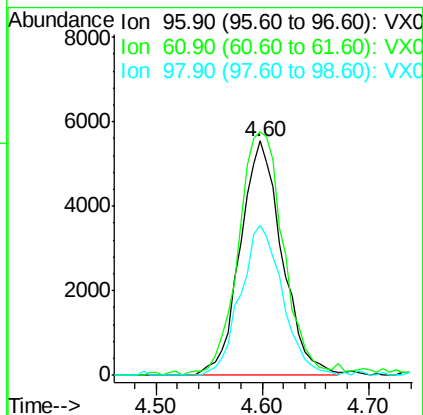
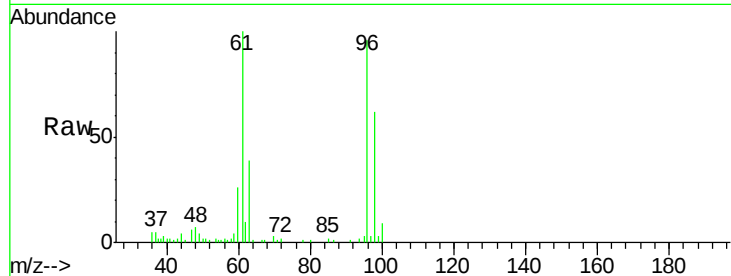


#27

cis-1,2-Dichloroethene
 Concen: 6.290 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010668.D
 Acq: 04 Jul 2019 05:31

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701

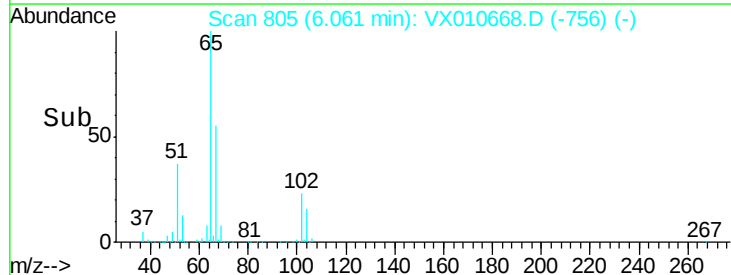
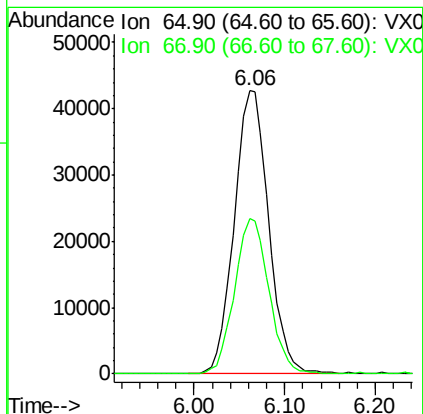
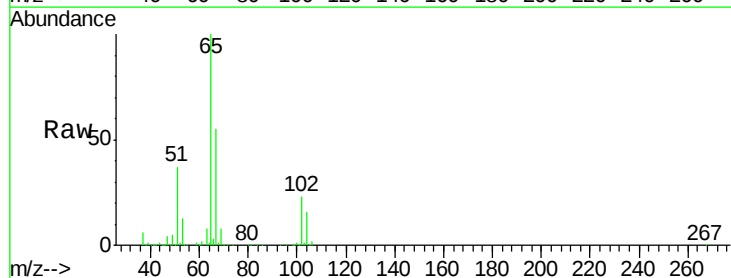
Tot Ion	96	Resp	15286
Ion	Ratio	Lower	Upper
96	100		
61	112.0	0.0	251.8
98	64.2	0.0	129.4

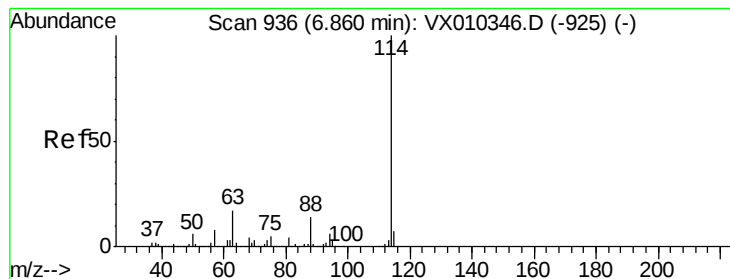


#33

1,2-Dichloroethane-d4
 Concen: 52.883 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010668.D
 Acq: 04 Jul 2019 05:31

Tgt Ion	65	Resp	111848
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010668.D

Acq: 04 Jul 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

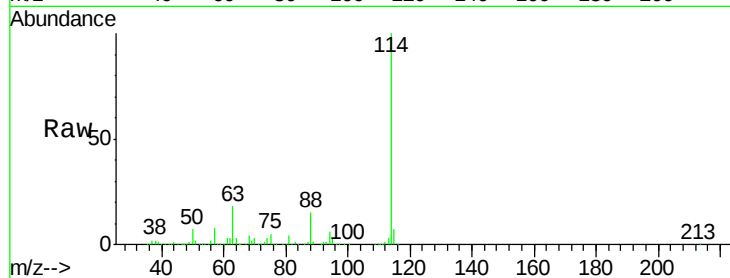
Tot Ion:114 Resp: 348308

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.8

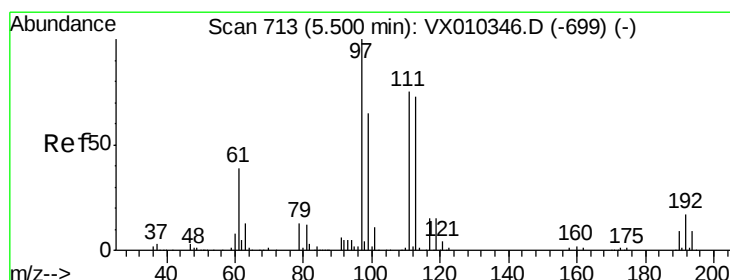
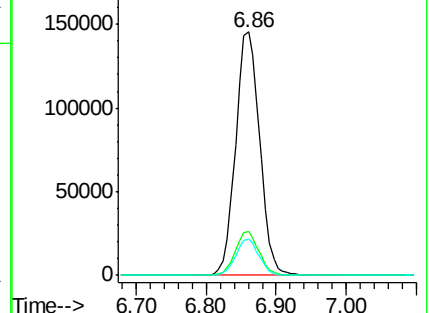
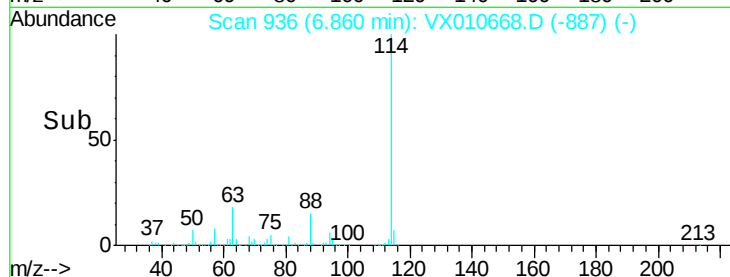
88 14.7 0.0 27.6



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: 50.395 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010668.D

Acq: 04 Jul 2019 05:31

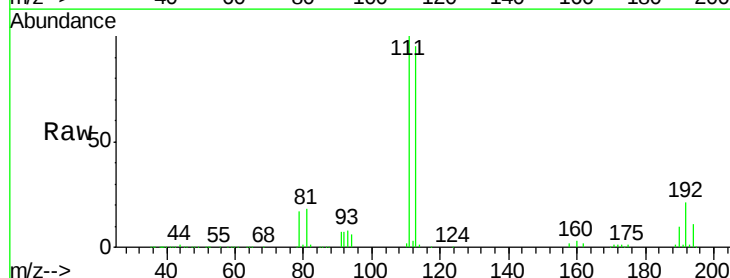
Tgt Ion:113 Resp: 107396

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

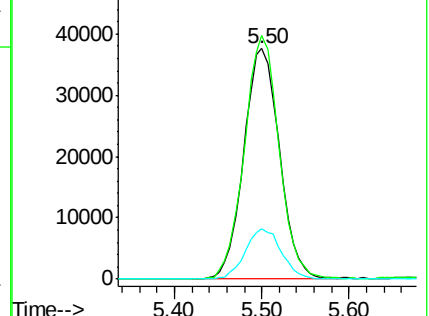
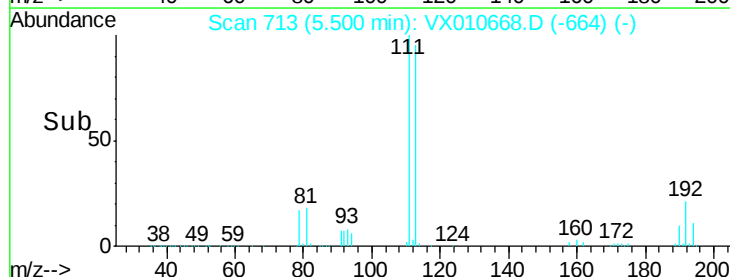
192 22.0 18.6 27.8

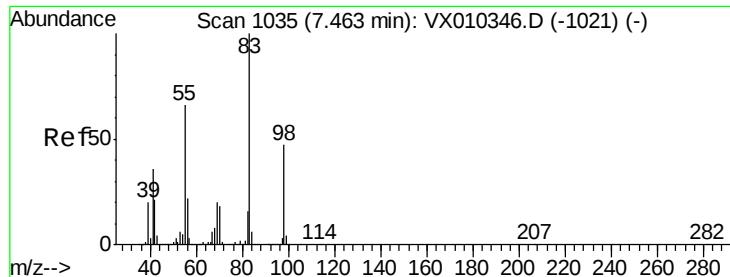


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

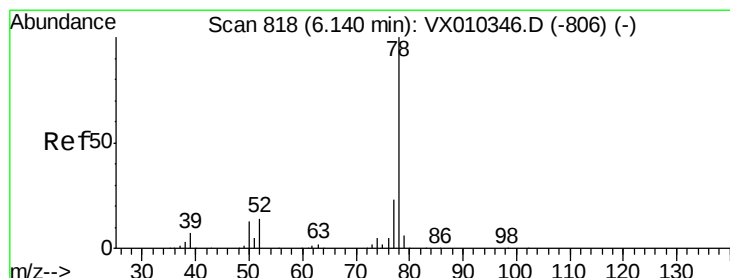
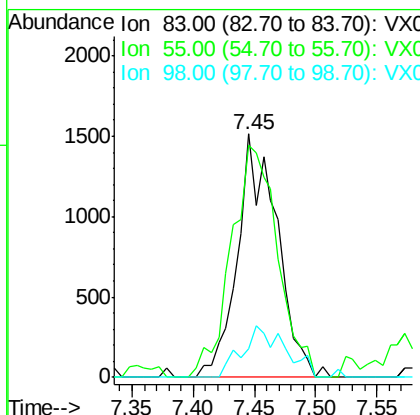
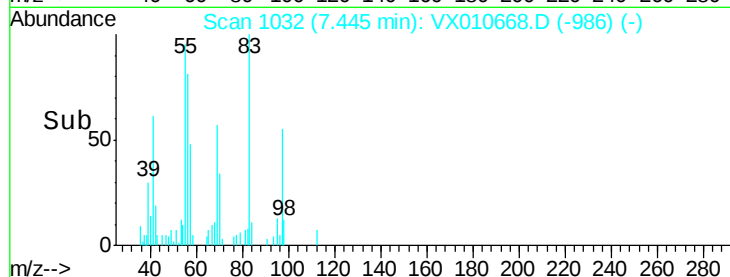
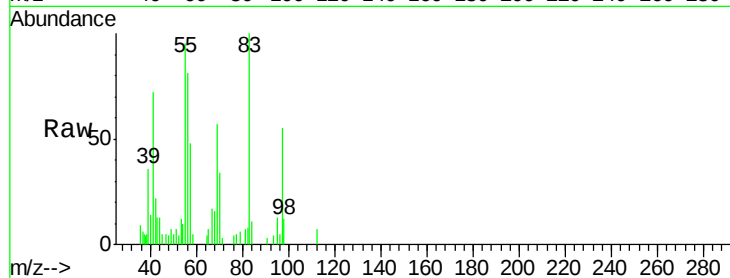




#39
Methvlcvclohexane
Concen: 0.936 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.02 min
Lab File: VX010668.D
Acq: 04 Jul 2019 05:31

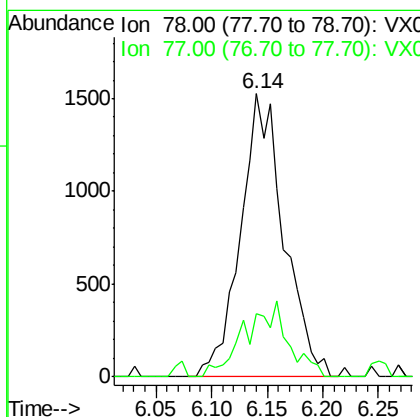
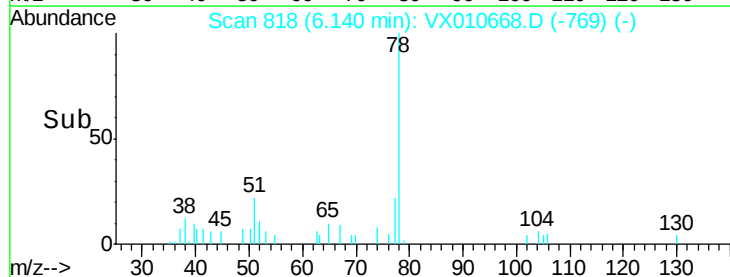
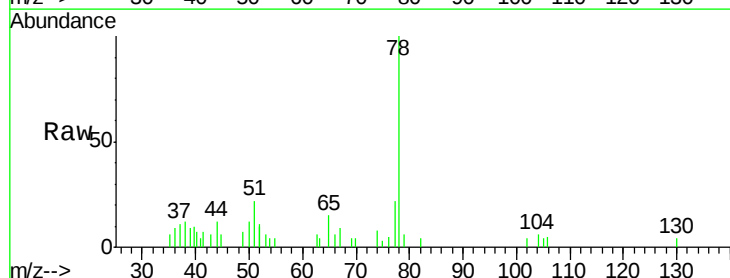
Instrument :
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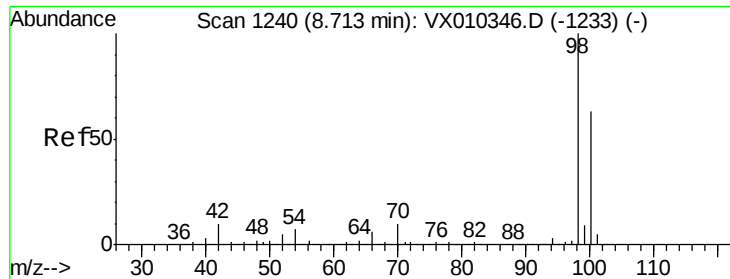
Tot Ion: 83 Resp: 3407
Ion Ratio Lower Upper
83 100
55 95.4 53.0 79.6#
98 11.9 37.8 56.8#



#40
Benzene
Concen: 0.480 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010668.D
Acq: 04 Jul 2019 05:31

Tgt Ion: 78 Resp: 4137
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0





#50

Toluene-d8

Concen: 51.373 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010668.D

Acq: 04 Jul 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

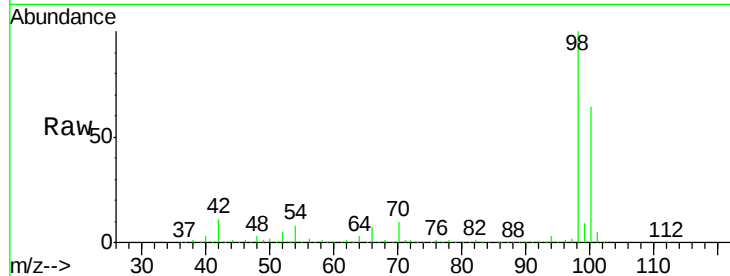
SS037MW036-190701

Tot Ion: 98 Resp: 418851

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

250000

200000

150000

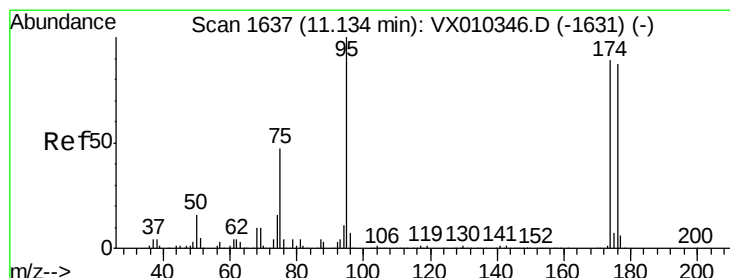
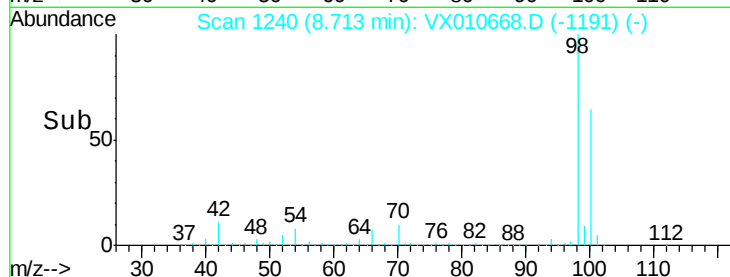
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.252 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010668.D

Acq: 04 Jul 2019 05:31

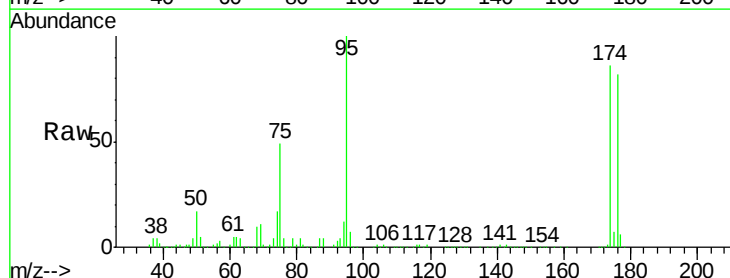
Tgt Ion: 95 Resp: 144974

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.6

176 89.1 0.0 184.0



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

150000

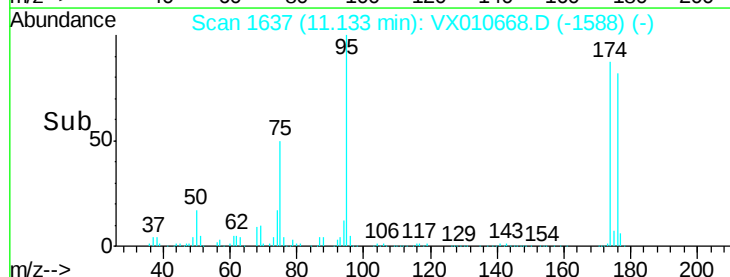
100000

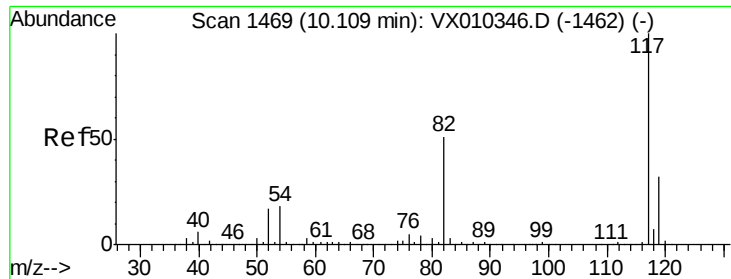
50000

0

11.10 11.15

Time-->

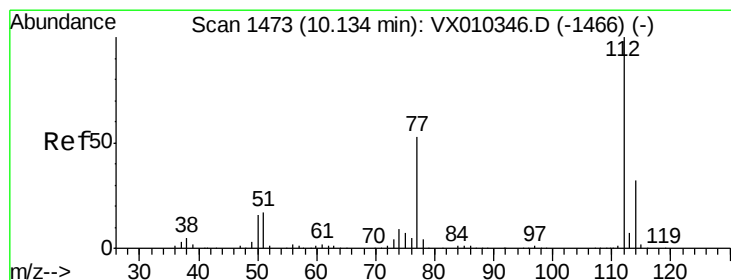
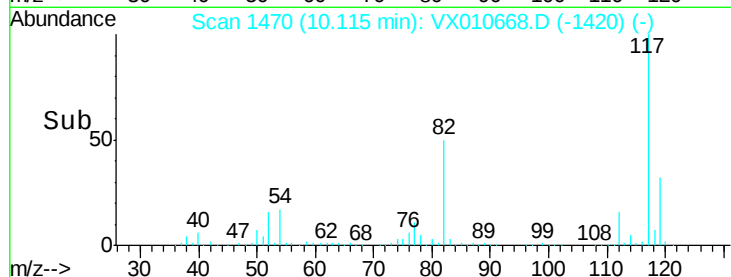
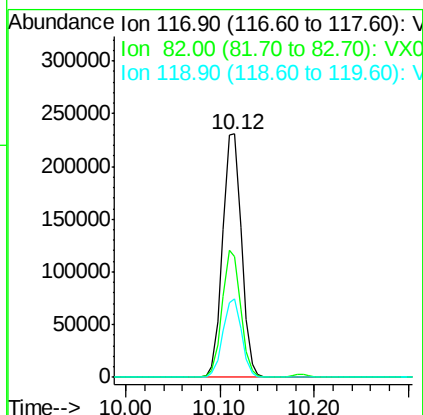
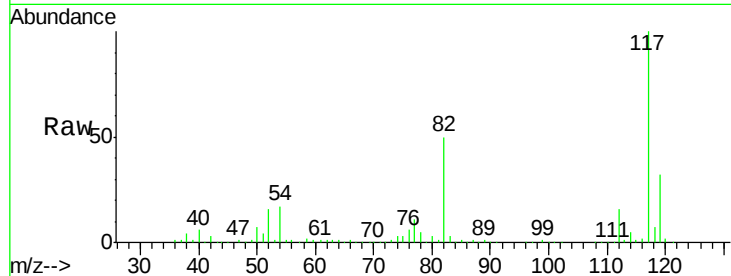




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010668.D
Acq: 04 Jul 2019 05:31

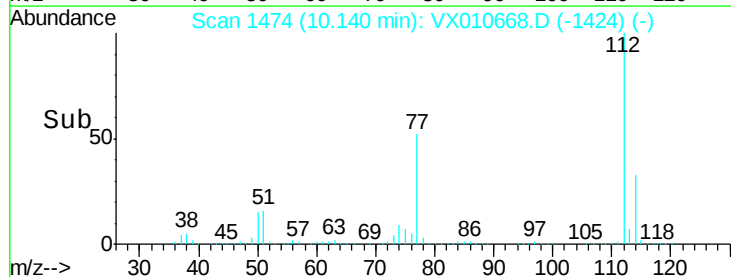
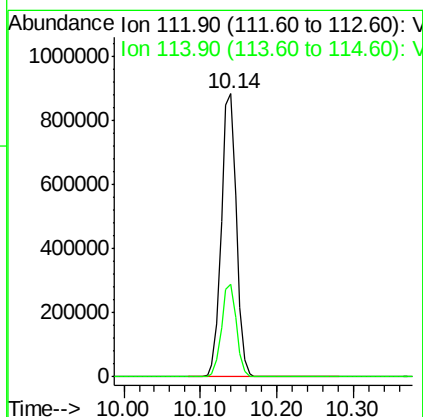
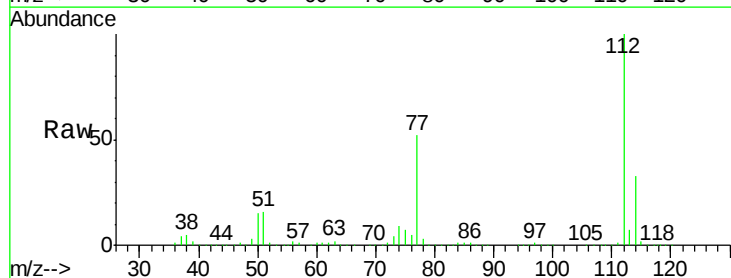
Instrument :
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ClientSampleId :
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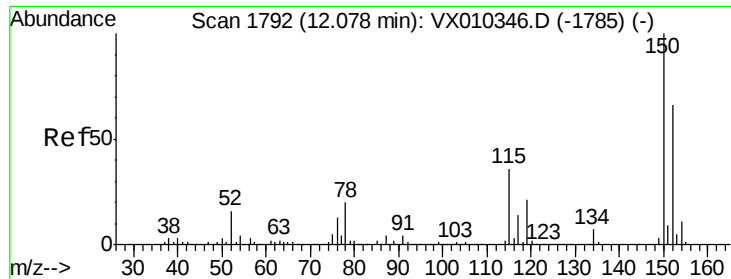
Tot Ion:117 Resp: 322534
Ion Ratio Lower Upper
117 100
82 49.8 41.2 61.8
119 32.0 25.5 38.3



#65
Chlorobenzene
Concen: 183.274 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010668.D
Acq: 04 Jul 2019 05:31

Tgt Ion:112 Resp: 1200087
Ion Ratio Lower Upper
112 100
114 32.5 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: VX010668.D

Acq: 04 Jul 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

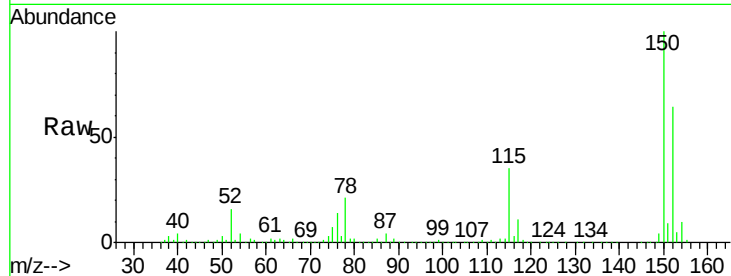
Tot Ion:152 Resp: 153526

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

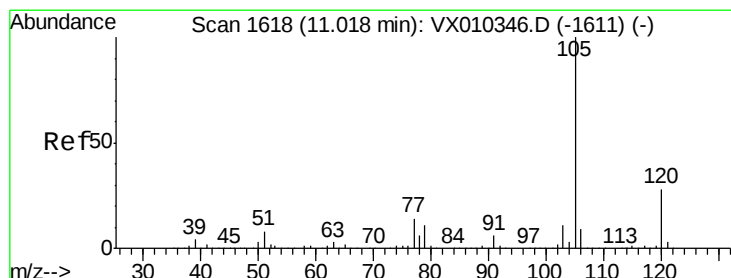
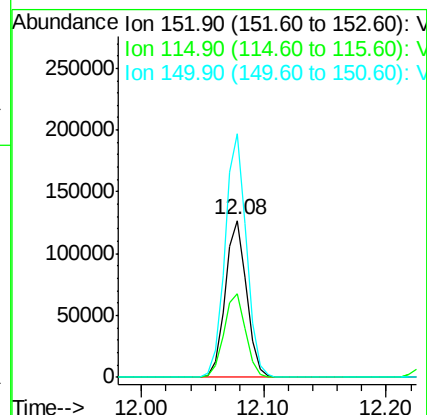
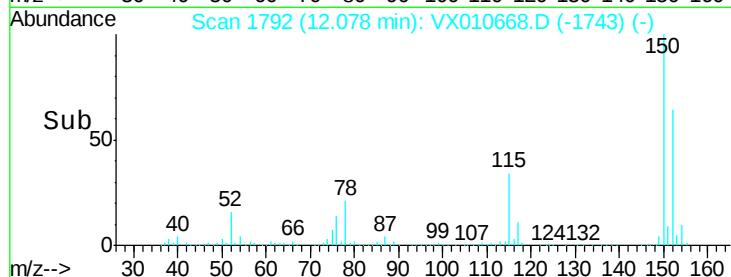
150 156.2 0.0 347.4



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: 1.234 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010668.D

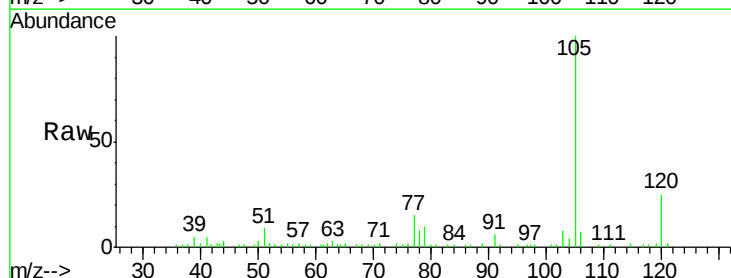
Acq: 04 Jul 2019 05:31

Tgt Ion:105 Resp: 12842

Ion Ratio Lower Upper

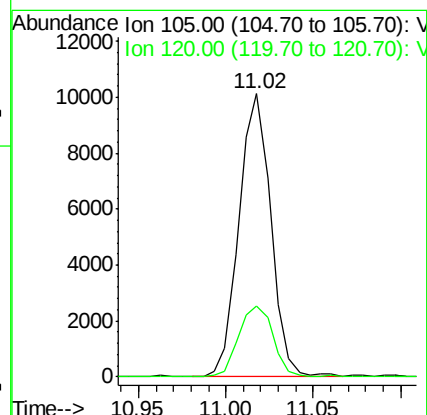
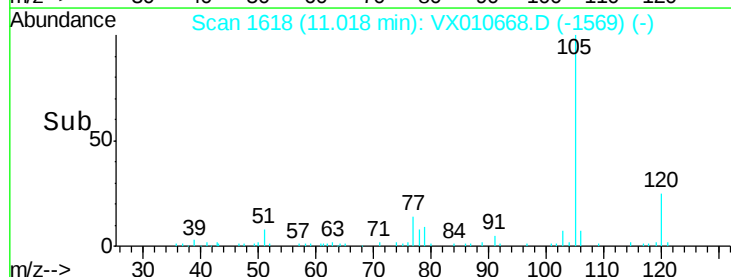
105 100

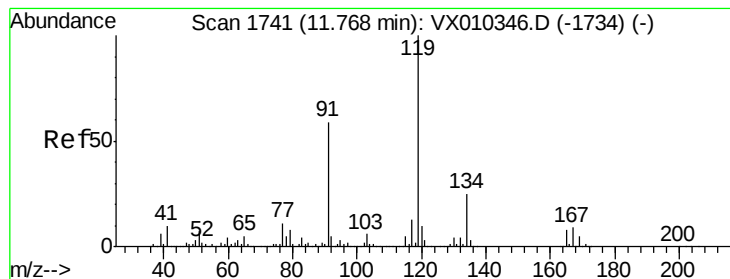
120 27.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 3.561 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010668.D

Acq: 04 Jul 2019 05:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

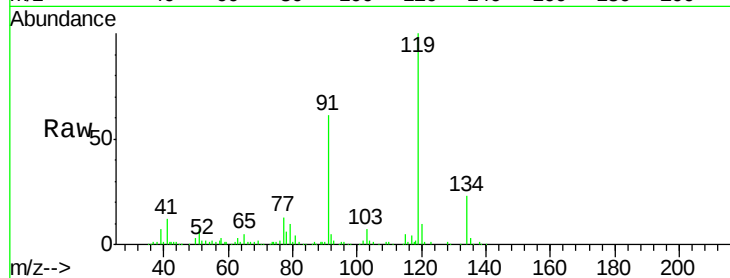
Tot Ion:119 Resp: 30668

Ion Ratio Lower Upper

119 100

91 61.8 27.6 82.7

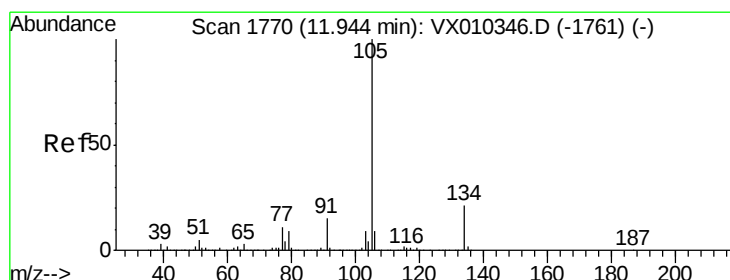
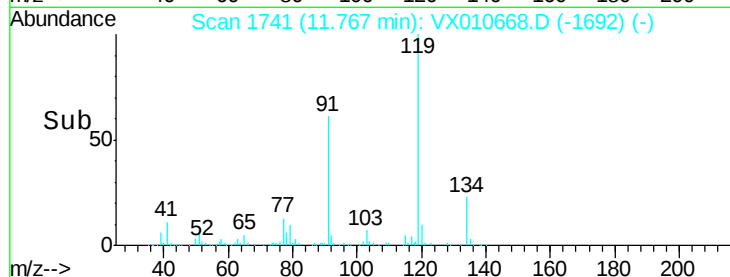
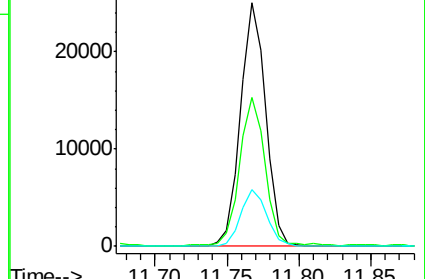
134 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 2.701 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010668.D

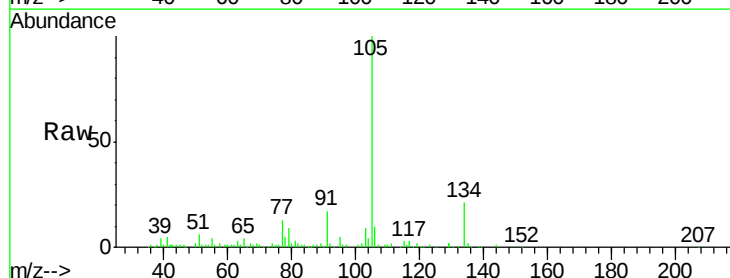
Acq: 04 Jul 2019 05:31

Tgt Ion:105 Resp: 27312

Ion Ratio Lower Upper

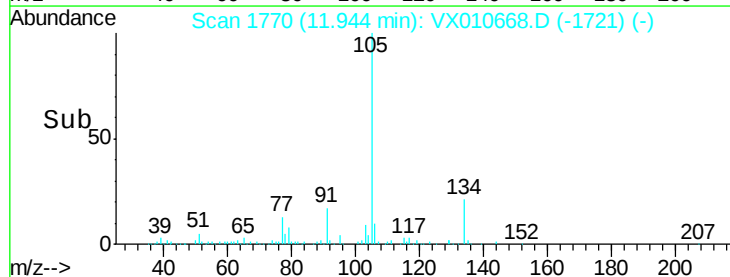
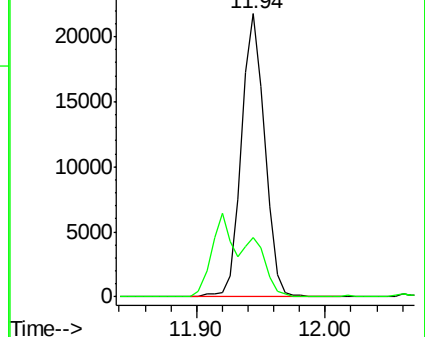
105 100

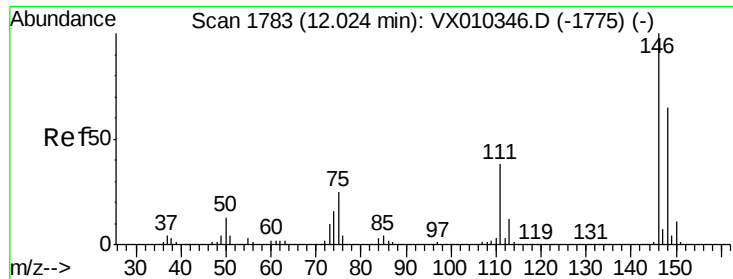
134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

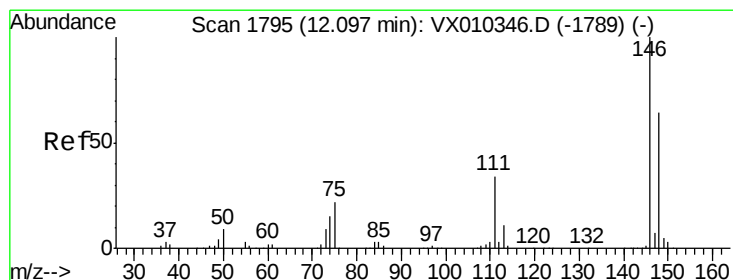
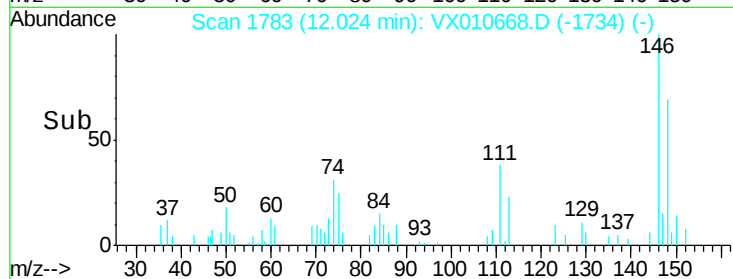
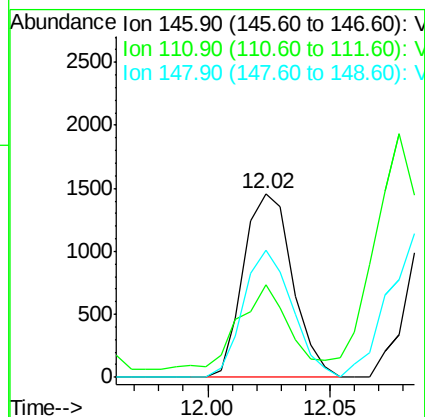
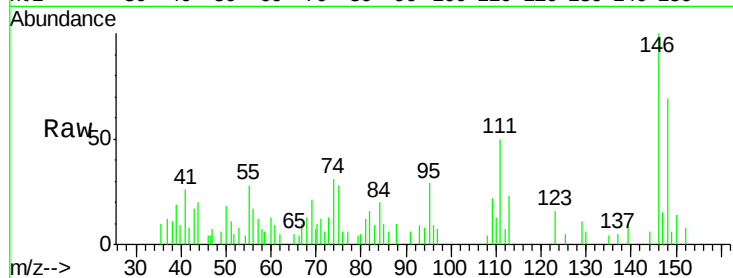




#87
 1,3-Dichlorobenzene
 Concen: 0.401 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010668.D
 Acq: 04 Jul 2019 05:31

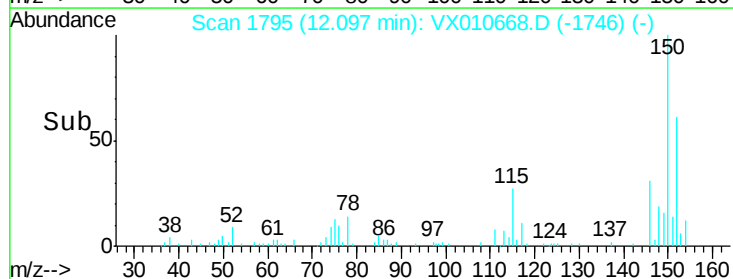
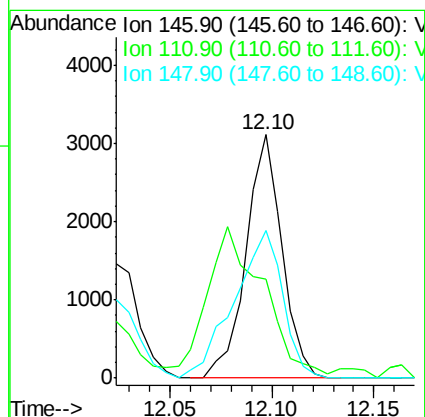
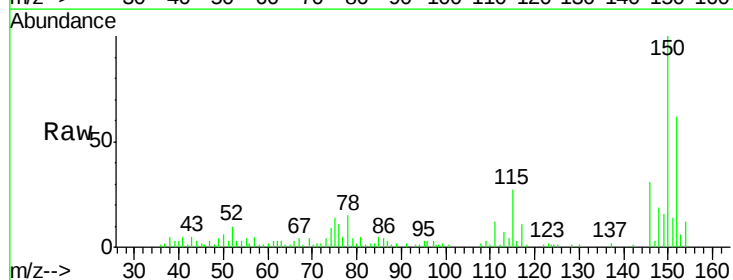
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701

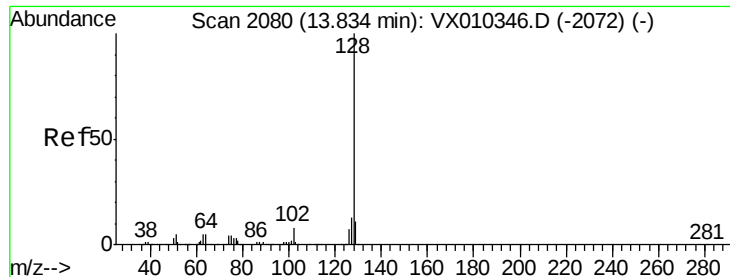
Tot Ion:146 Resp: 2036
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.1 57.1
 148 68.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 0.737 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010668.D
 Acq: 04 Jul 2019 05:31

Tgt Ion:146 Resp: 3805
 Ion Ratio Lower Upper
 146 100
 111 97.8 18.1 54.3#
 148 81.8 32.1 96.3





#95
Naphthalene
Concen: 0.316 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010668.D
Acq: 04 Jul 2019 05:31

Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701

Tot Ion:128 Resp: 3392
Ion Ratio Lower Upper
128 100
127 26.6 10.2 15.4#
129 19.0 8.9 13.3#

