

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011516.D
 Acq On : 13 Aug 2019 04:44
 Operator : JC/SP
 Sample : K4278-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0698

Quant Time: Aug 13 09:37:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

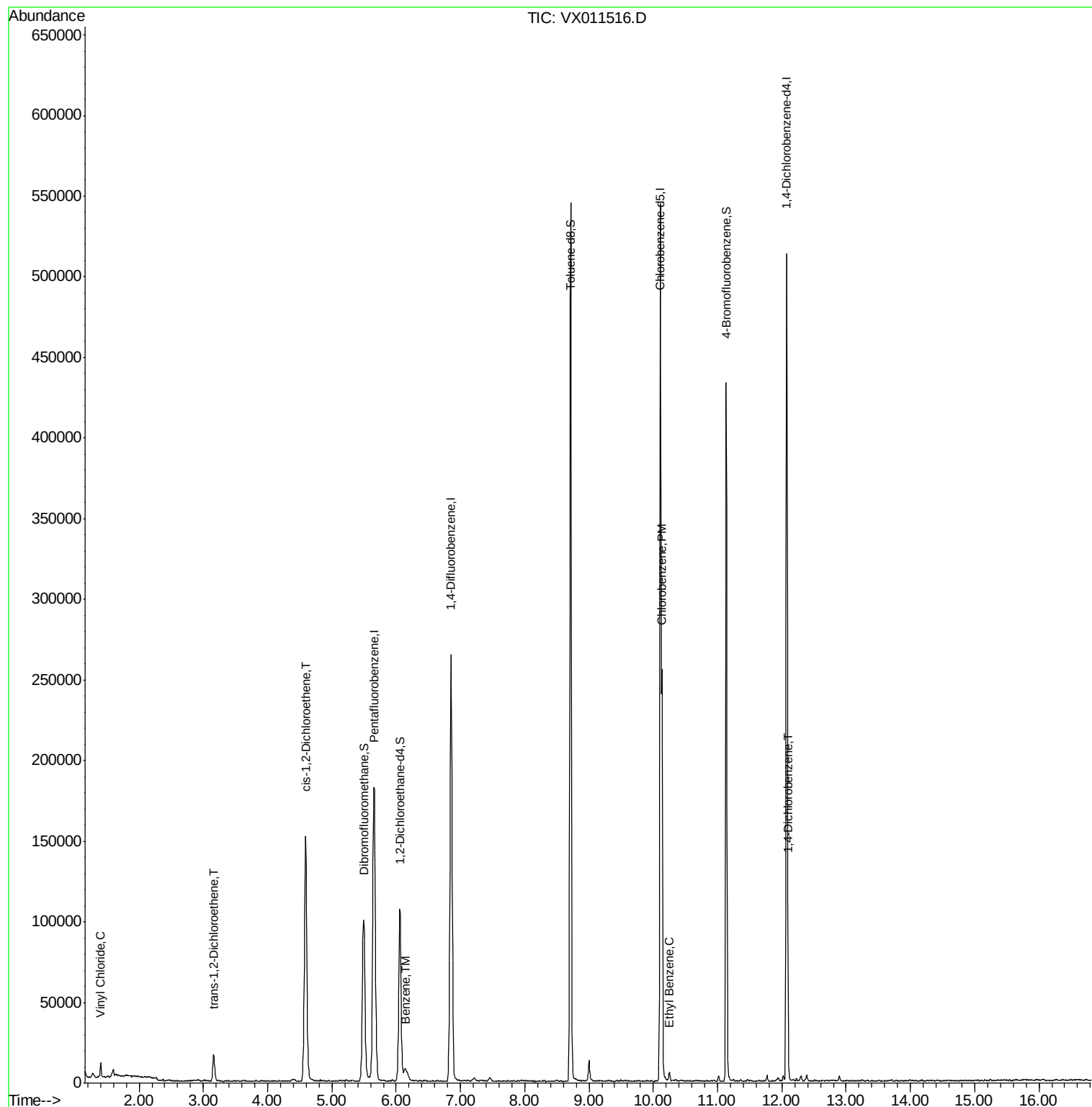
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102000	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	5.49	113	84386	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	8.71	98	315763	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.13	95	103114	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	5875	3.402	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	7045	4.044	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	99234	49.453	ug/l	93
40) Benzene	6.14	78	8457	1.193	ug/l	94
65) Chlorobenzene	10.13	112	103546	20.050	ug/l	100
67) Ethyl Benzene	10.25	91	2994	0.346	ug/l #	86
88) 1,4-Dichlorobenzene	12.10	146	10816	2.846	ug/l	87

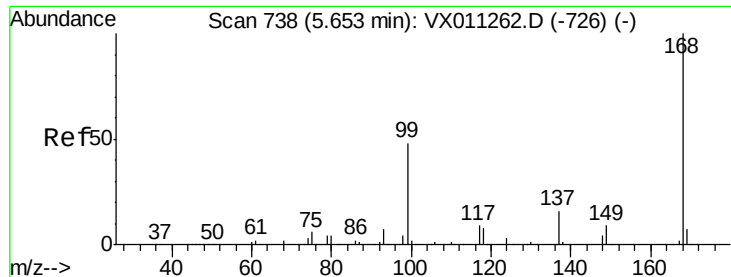
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

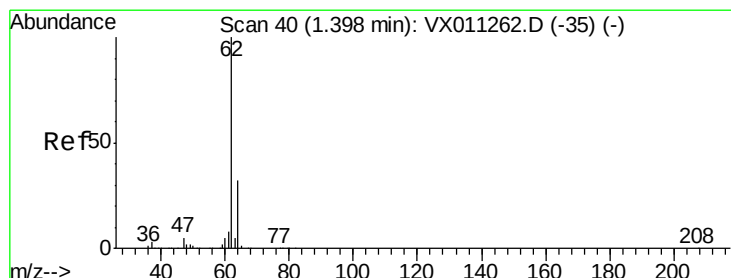
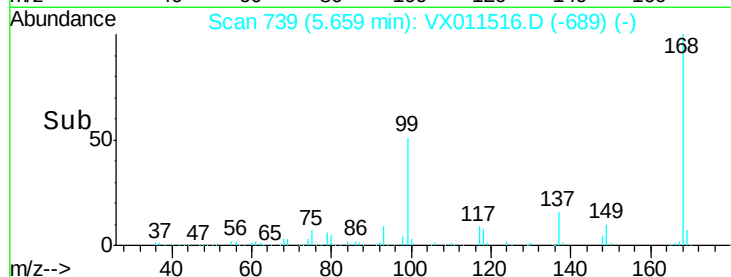
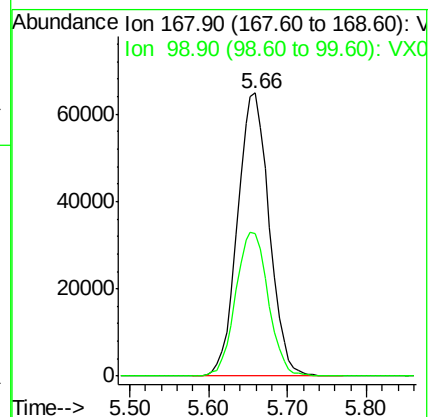
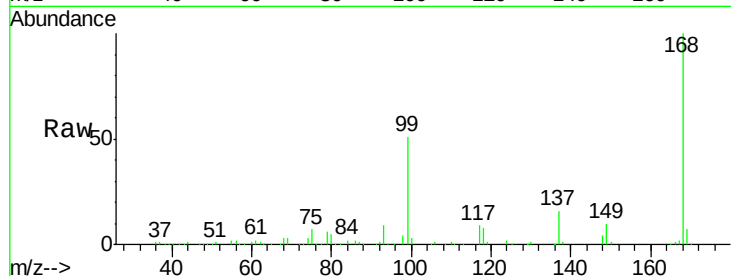
Z3-0698

Tot Ion:168 Resp: 181008

Ion Ratio Lower Upper

168 100

99 50.4 38.5 57.7



#4

Vinyl Chloride

Concen: 3.402 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011516.D

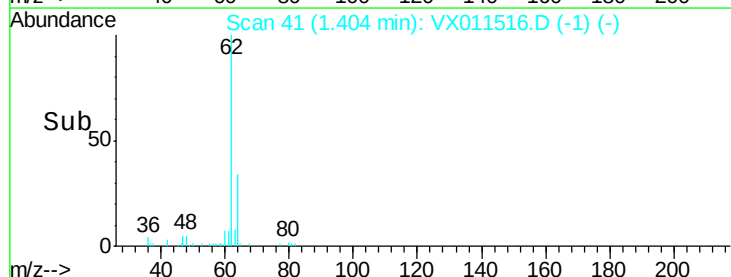
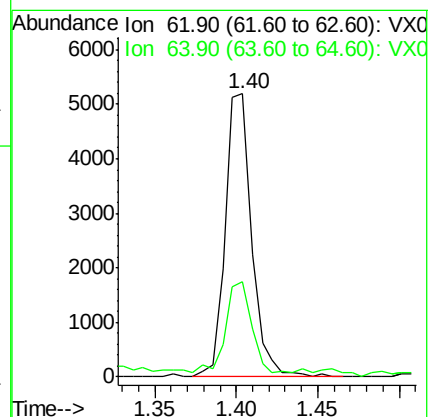
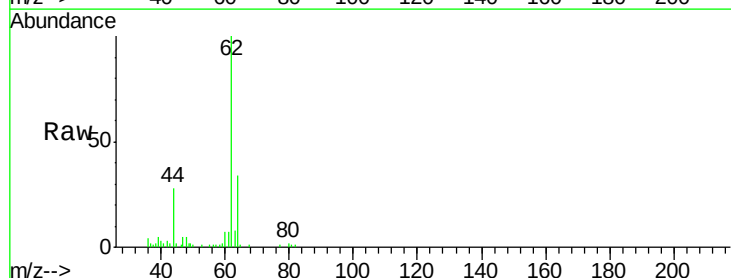
Acq: 13 Aug 2019 04:44

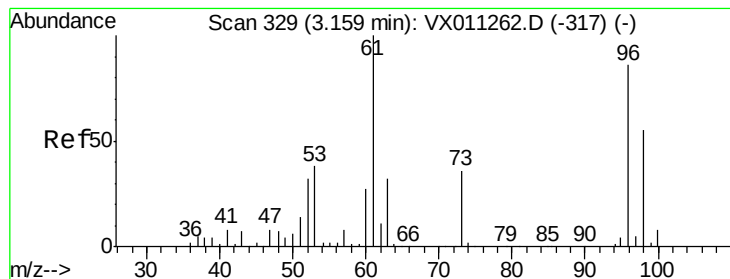
Tgt Ion: 62 Resp: 5875

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#21

trans-1,2-Dichloroethene

Concen: 4.044 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-0698

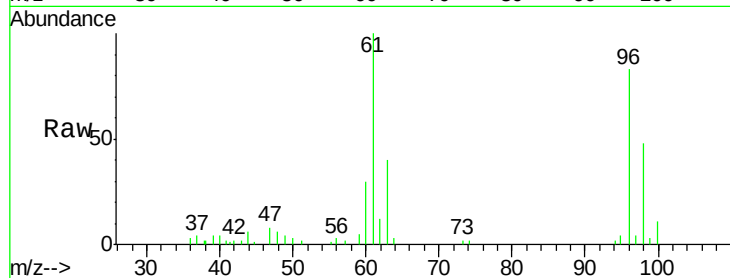
Tot Ion: 96 Resp: 7045

Ion Ratio Lower Upper

96 100

61 119.9 92.8 139.2

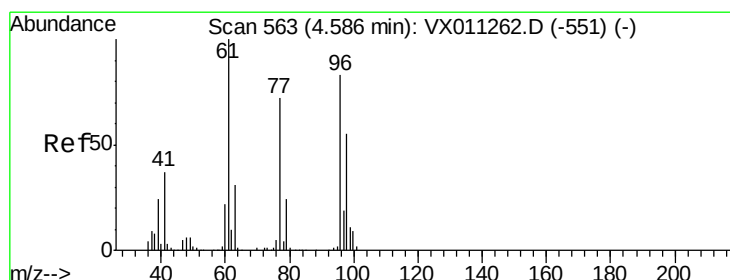
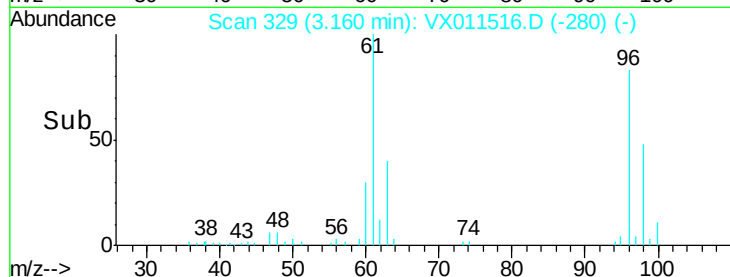
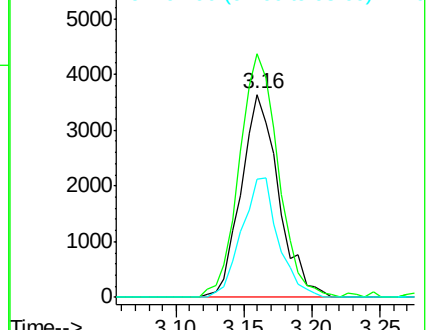
98 57.9 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 49.453 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

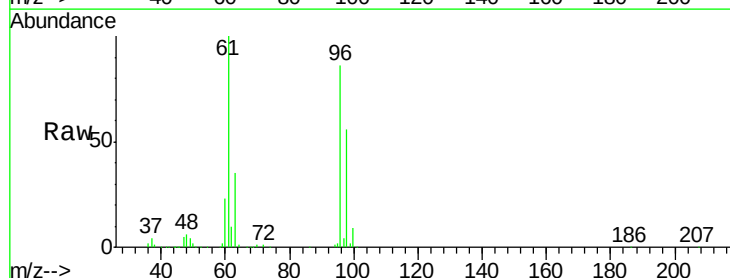
Tgt Ion: 96 Resp: 99234

Ion Ratio Lower Upper

96 100

61 119.2 0.0 260.2

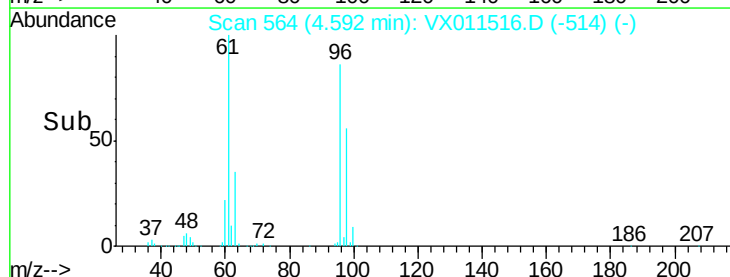
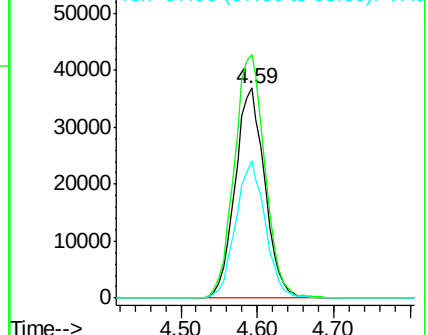
98 65.0 0.0 133.2

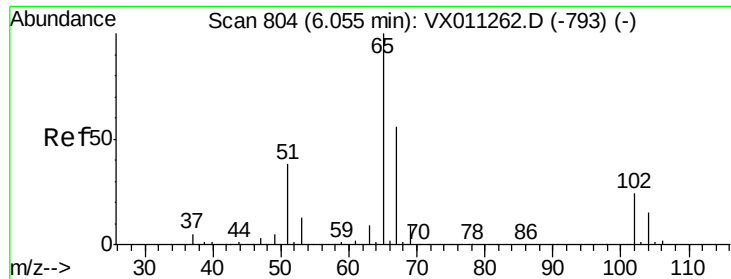


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

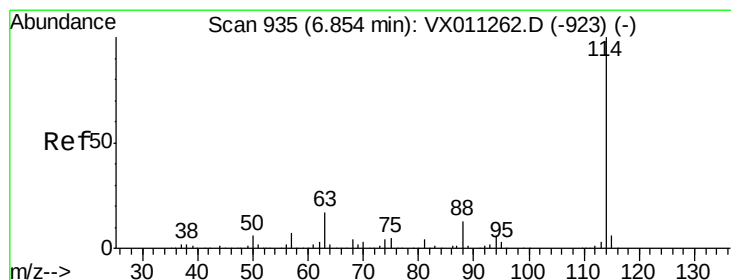
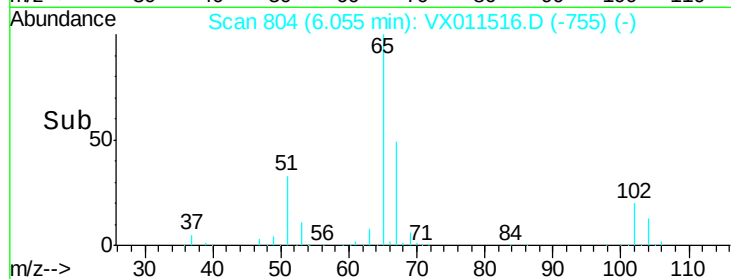
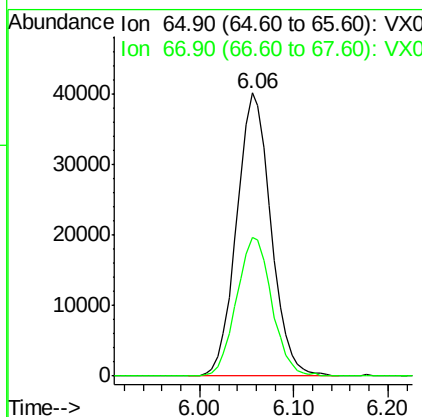
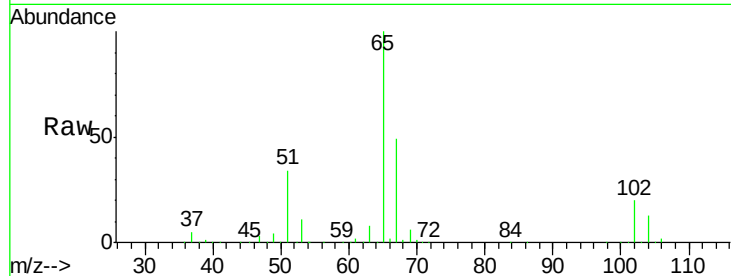




#33
 1,2-Dichloroethane-d4
 Concen: 55.956 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011516.D
 Acq: 13 Aug 2019 04:44

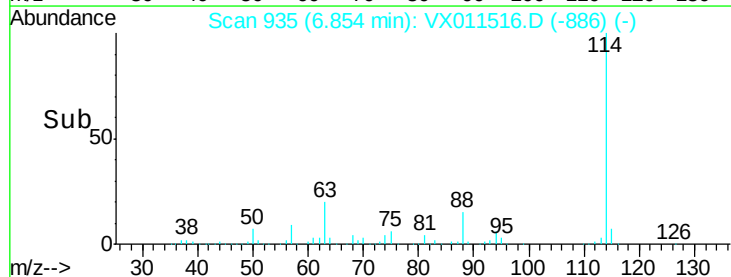
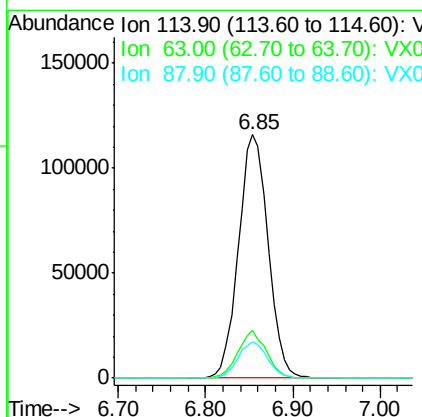
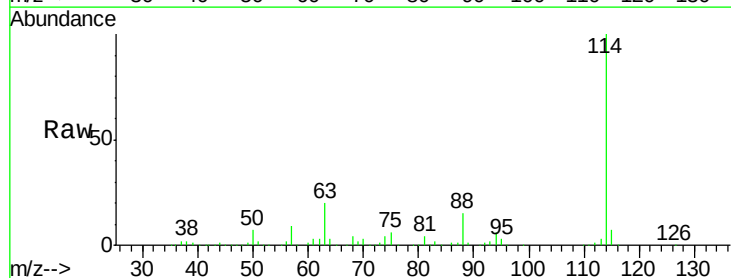
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0698

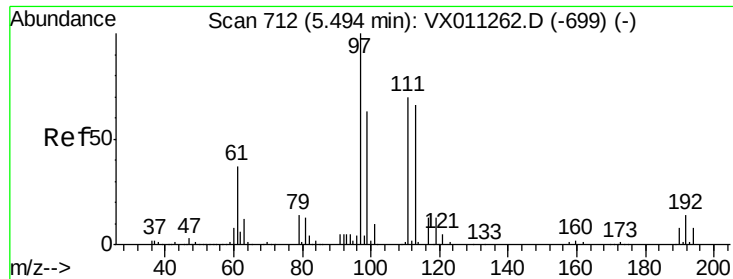
Tot Ion: 65 Resp: 102000
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011516.D
 Acq: 13 Aug 2019 04:44

Tgt Ion: 114 Resp: 272175
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 34.0
 88 14.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.489 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-0698

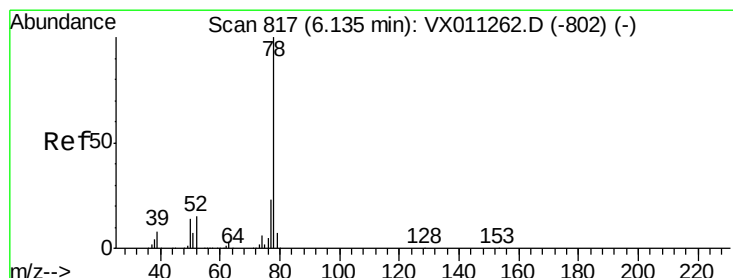
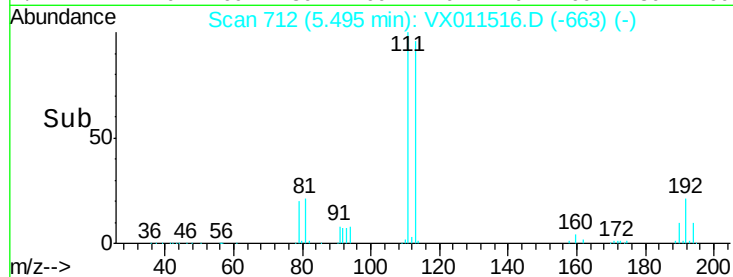
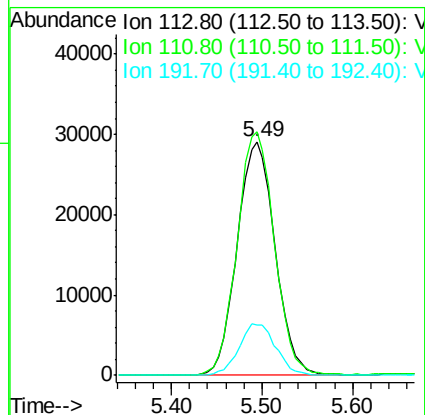
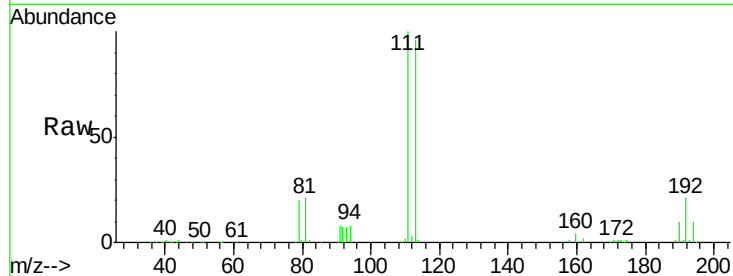
Tot Ion:113 Resp: 84386

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 21.5 17.8 26.8



#40

Benzene

Concen: 1.193 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011516.D

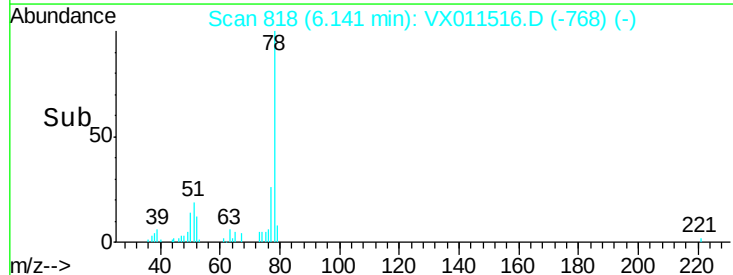
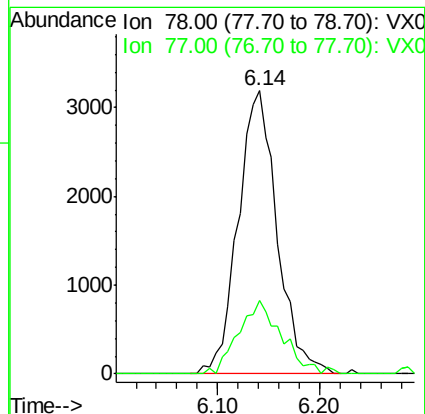
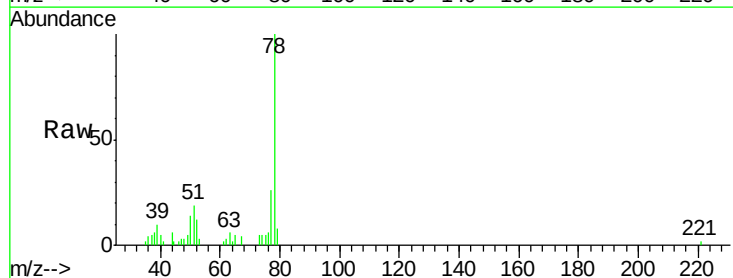
Acq: 13 Aug 2019 04:44

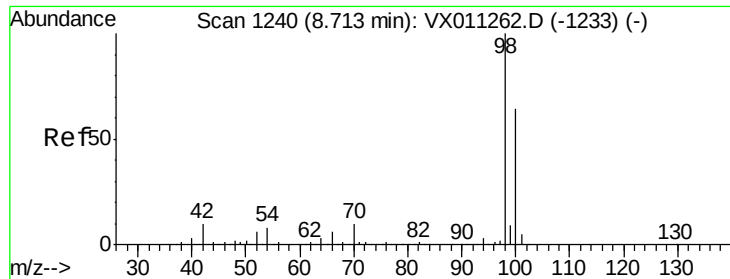
Tgt Ion: 78 Resp: 8457

Ion Ratio Lower Upper

78 100

77 25.8 18.2 27.2





#50

Toluene-d8

Concen: 47.076 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

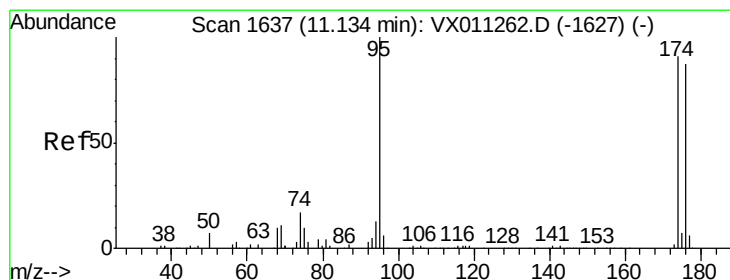
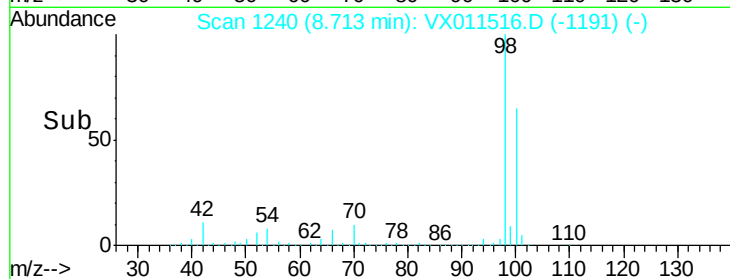
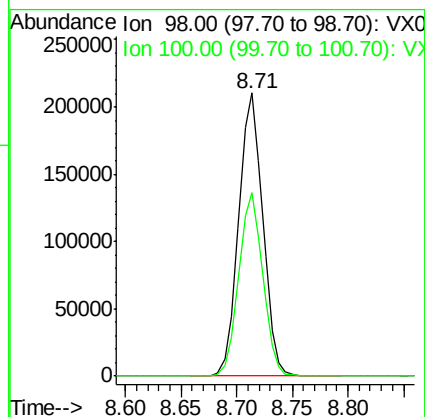
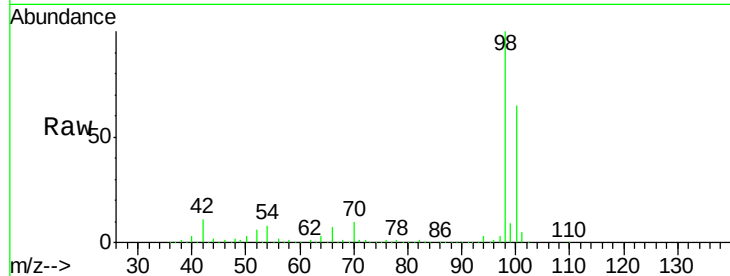
Z3-0698

Tot Ion: 98 Resp: 315763

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.058 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

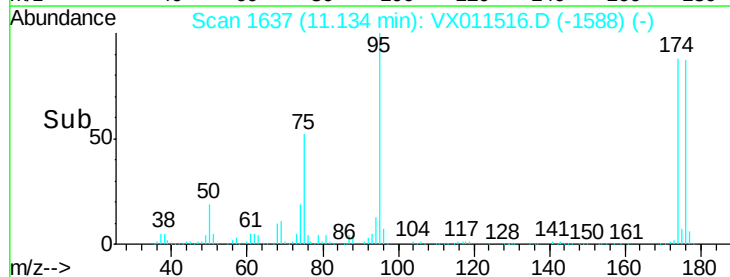
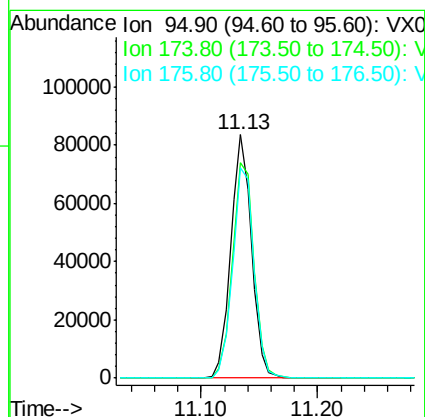
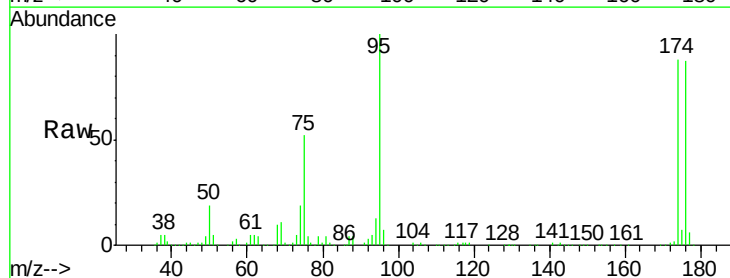
Tgt Ion: 95 Resp: 103114

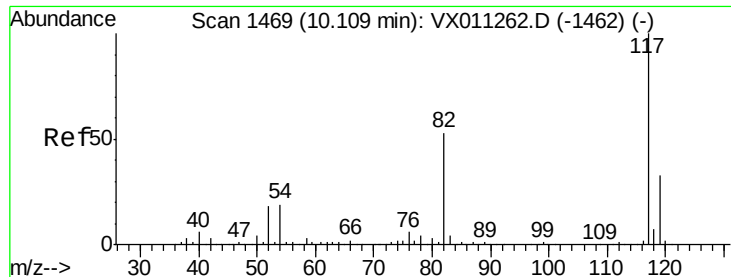
Ion Ratio Lower Upper

95 100

174 92.8 0.0 191.2

176 89.6 0.0 184.8

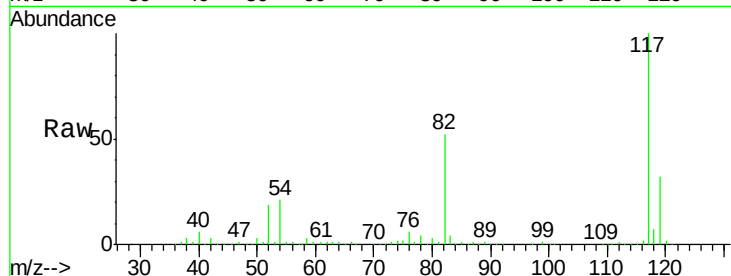




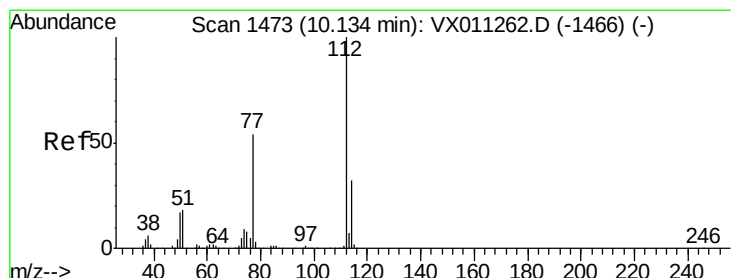
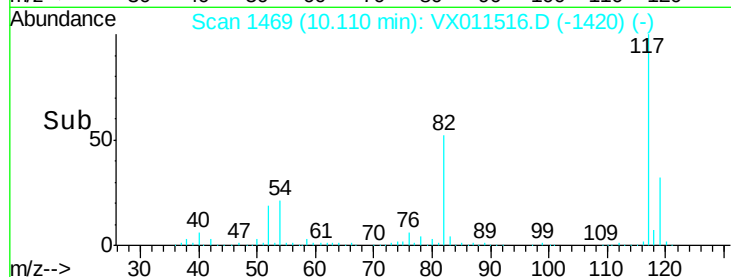
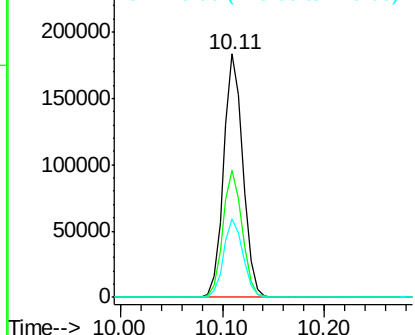
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011516.D
Acq: 13 Aug 2019 04:44

Instrument :
MSVOA_X
ClientSampleId :
Z3-0698

Tot Ion:117 Resp: 240865
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 32.2 26.6 39.8

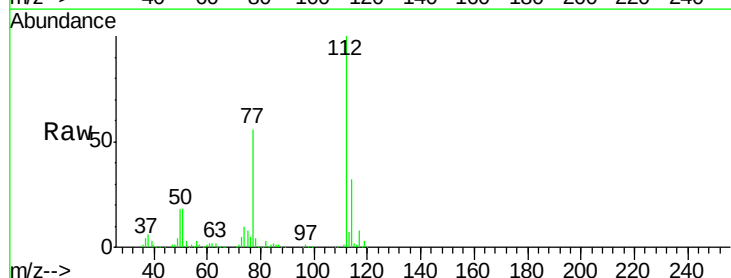


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

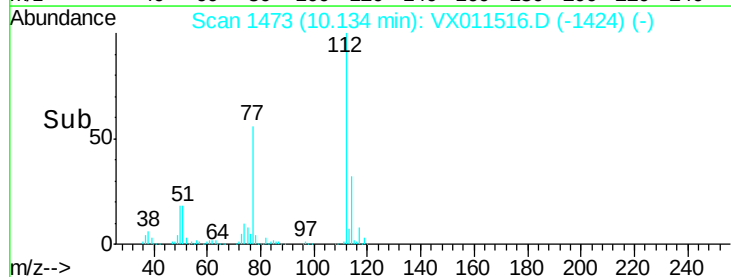
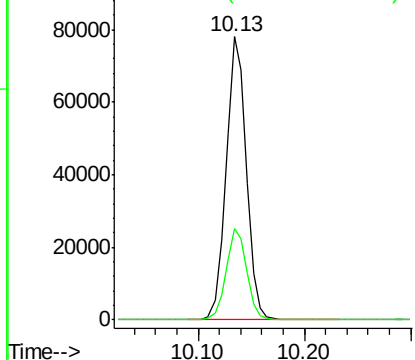


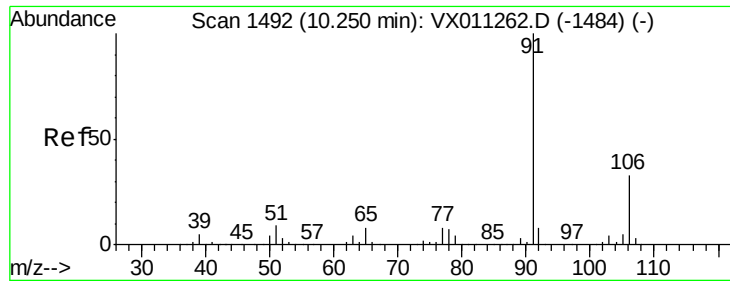
#65
Chlorobenzene
Concen: 20.050 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011516.D
Acq: 13 Aug 2019 04:44

Tgt Ion:112 Resp: 103546
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.346 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

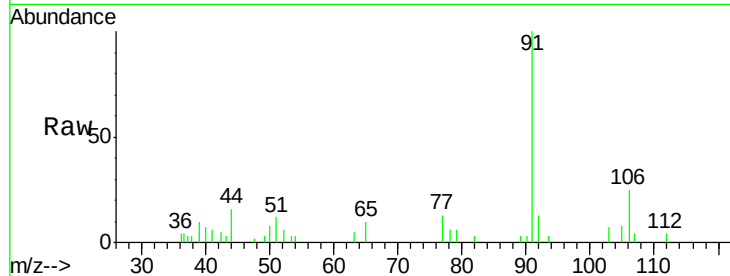
Z3-0698

Tot Ion: 91 Resp: 2994

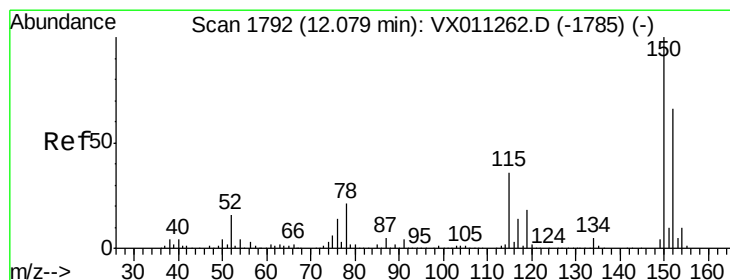
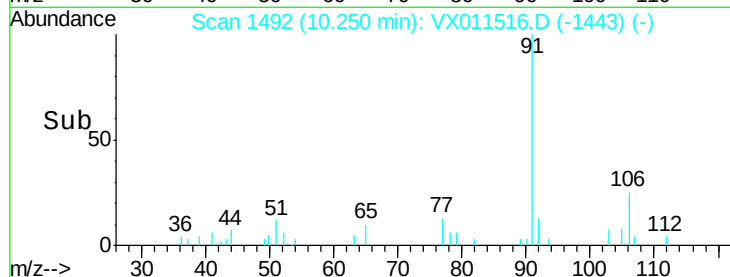
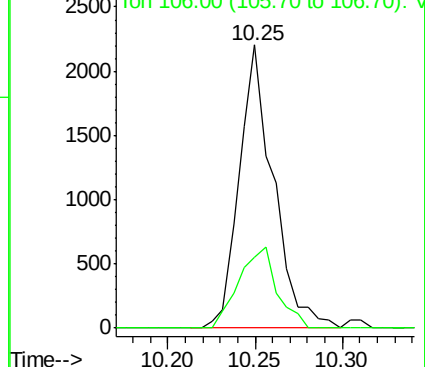
Ion Ratio Lower Upper

91 100

106 25.1 26.2 39.4#



Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1484) (-)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

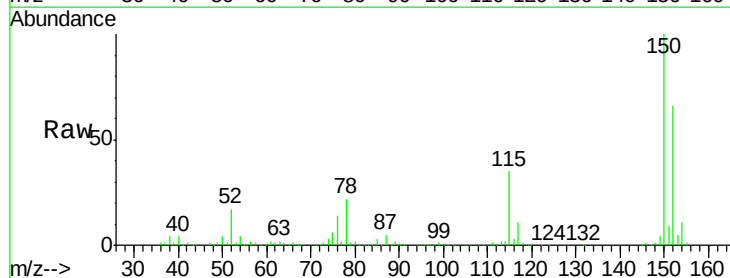
Tgt Ion: 152 Resp: 109967

Ion Ratio Lower Upper

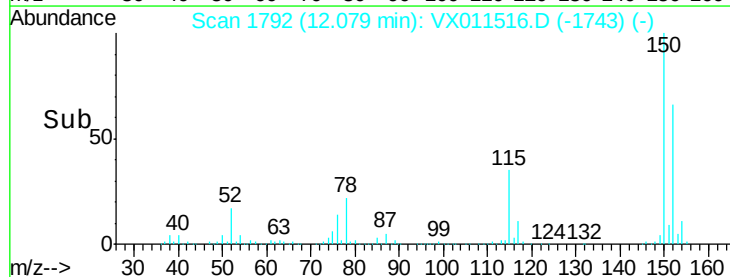
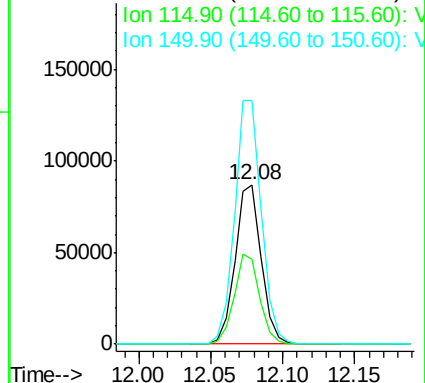
152 100

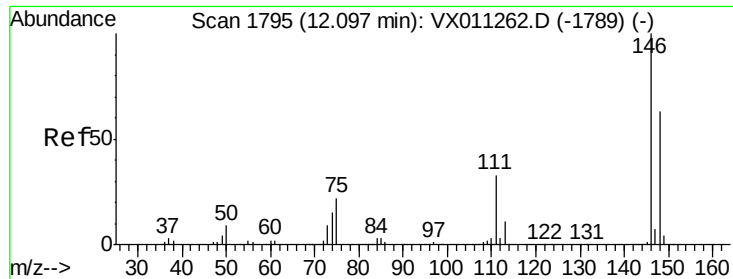
115 55.9 40.0 119.9

150 157.7 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): VX011262.D (-1785) (-)





#88

1,4-Dichlorobenzene

Concen: 2.846 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011516.D

Acq: 13 Aug 2019 04:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-0698

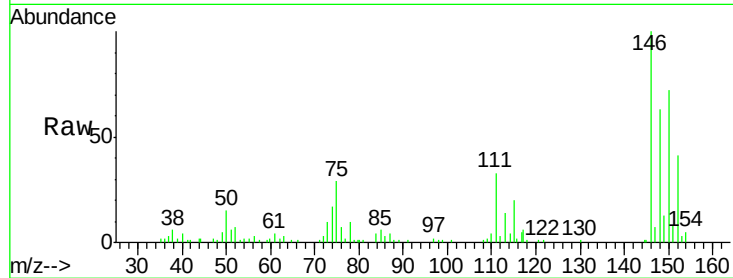
Tot Ion:146 Resp: 10816

Ion Ratio Lower Upper

146 100

111 48.3 17.8 53.4

148 69.6 31.8 95.3



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

