

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011491.D
 Acq On : 12 Aug 2019 18:13
 Operator : JC/SP
 Sample : K4278-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0691

Quant Time: Aug 13 08:39:00 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

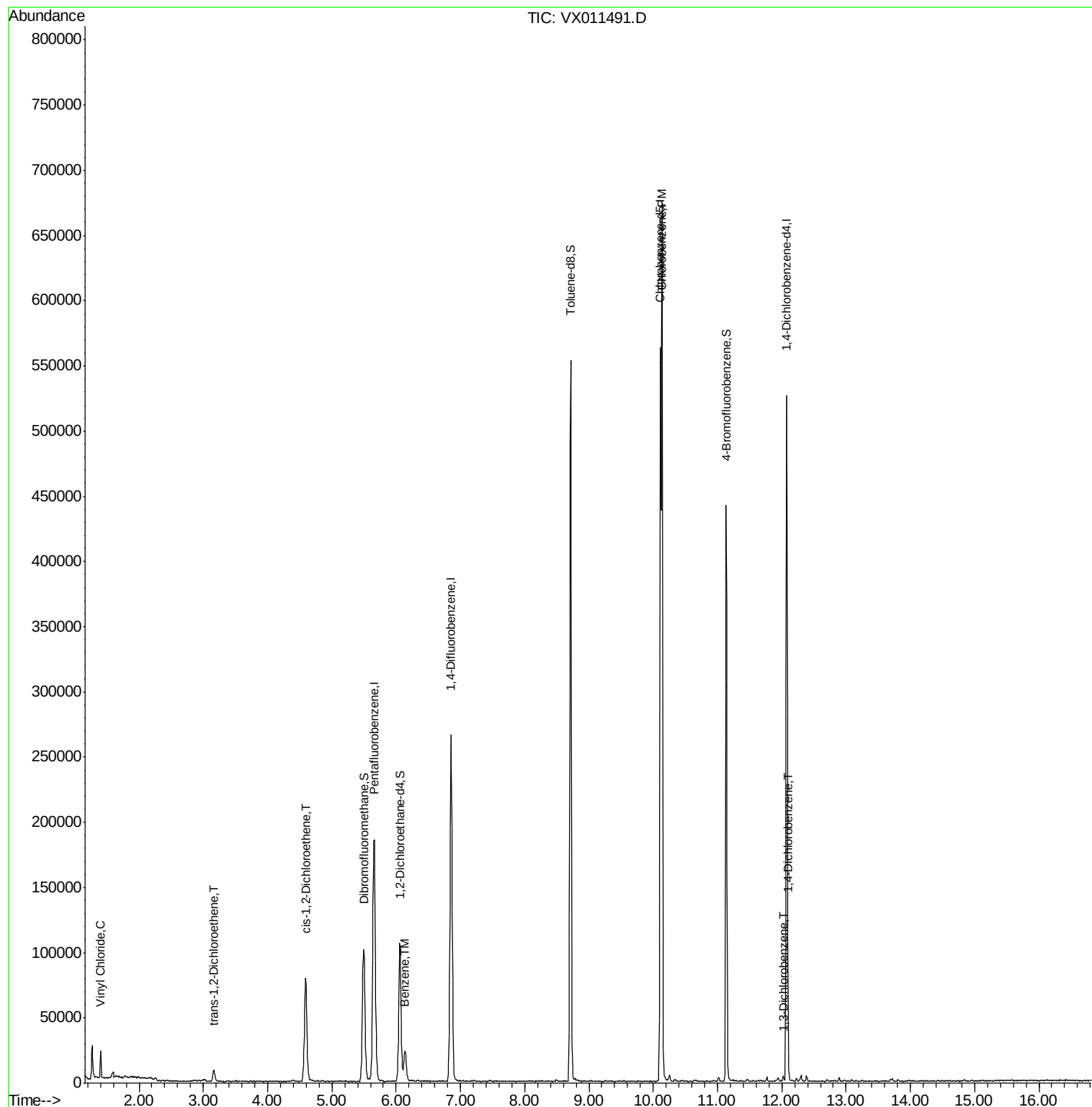
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	101776	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	5.49	113	84904	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	8.71	98	321243	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.13	95	105567	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
Target Compounds						
4) Vinyl Chloride	1.40	62	12590	7.175	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	3415	1.929	ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	53262	26.123	ug/l	94
40) Benzene	6.14	78	27553	3.863	ug/l	94
65) Chlorobenzene	10.13	112	288281	54.897	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1107	0.297	ug/l	86
88) 1,4-Dichlorobenzene	12.10	146	10038	2.614	ug/l	84

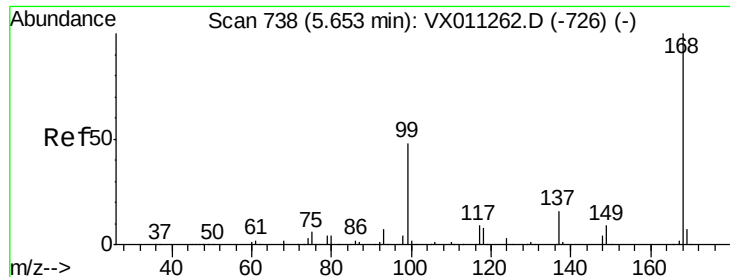
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081219\
Data File : VX011491.D
Acq On : 12 Aug 2019 18:13
Operator : JC/SP
Sample : K4278-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

Quant Time: Aug 13 08:39:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
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: VX011491.D

Acq: 12 Aug 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

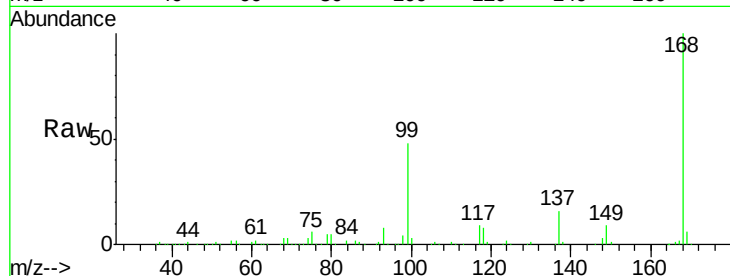
Z3-0691

Tot Ion:168 Resp: 183921

Ion Ratio Lower Upper

168 100

99 47.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

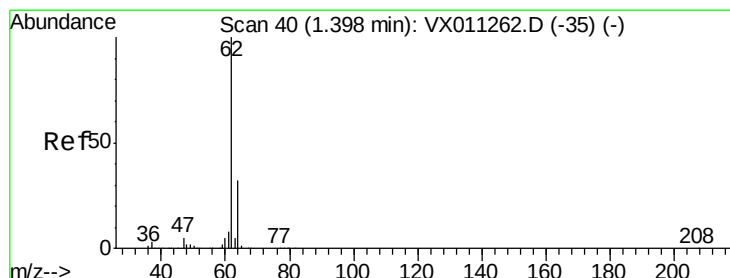
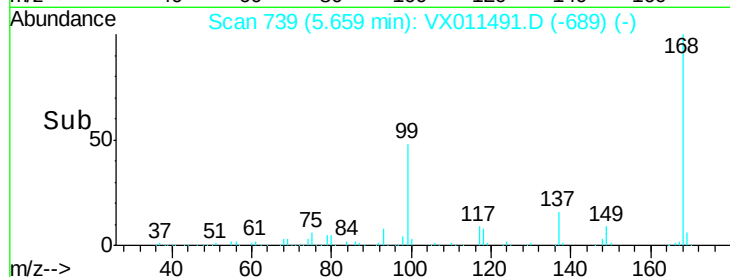
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 7.175 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011491.D

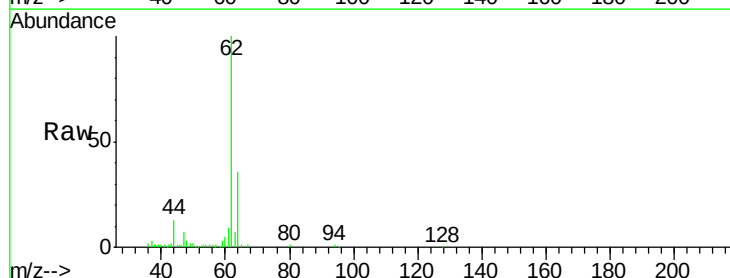
Acq: 12 Aug 2019 18:13

Tgt Ion: 62 Resp: 12590

Ion Ratio Lower Upper

62 100

64 34.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

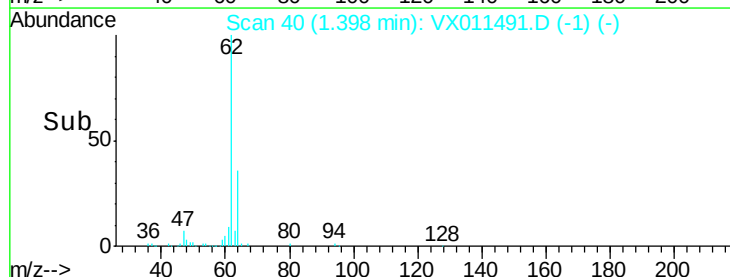
1.40

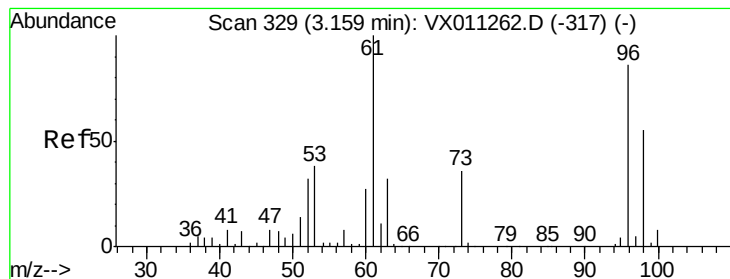
10000

5000

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 1.929 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX011491.D

Acq: 12 Aug 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

Z3-0691

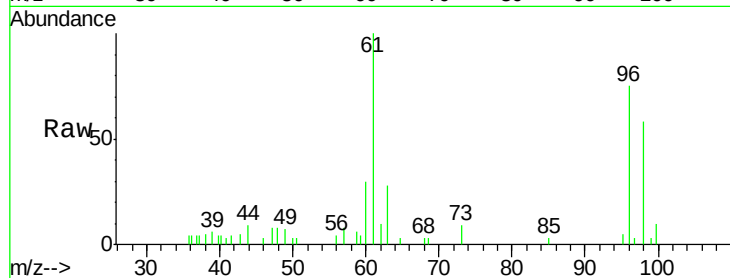
Tot Ion: 96 Resp: 3415

Ion Ratio Lower Upper

96 100

61 134.0 92.8 139.2

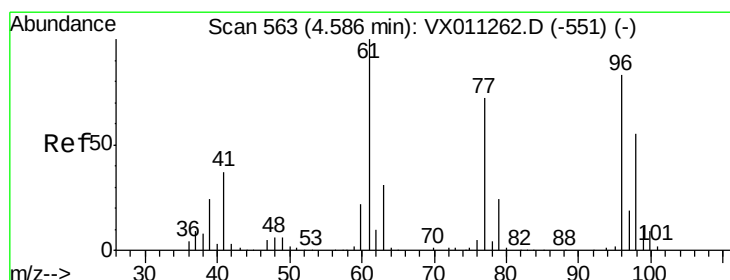
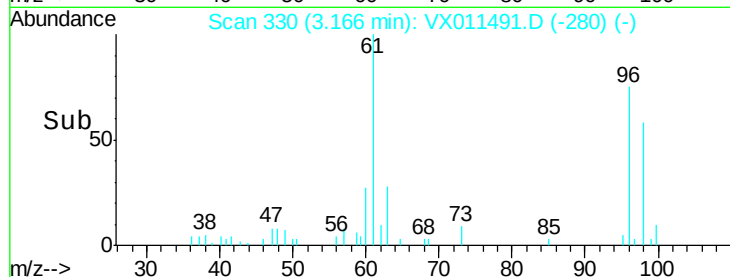
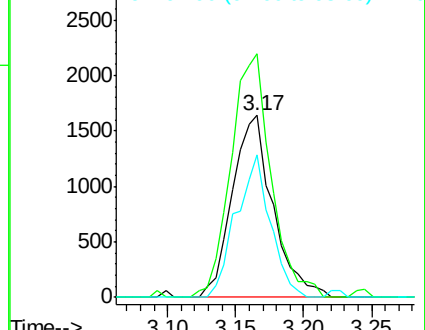
98 78.3 51.2 76.8#



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: 26.123 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011491.D

Acq: 12 Aug 2019 18:13

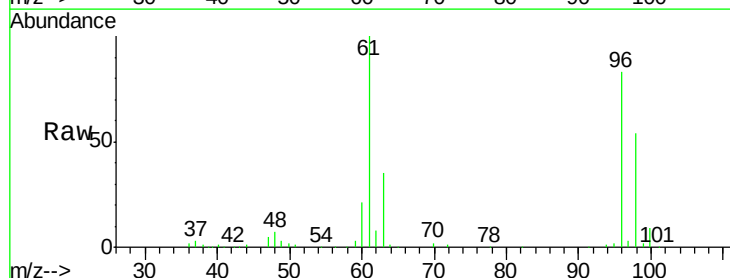
Tgt Ion: 96 Resp: 53262

Ion Ratio Lower Upper

96 100

61 119.0 0.0 260.2

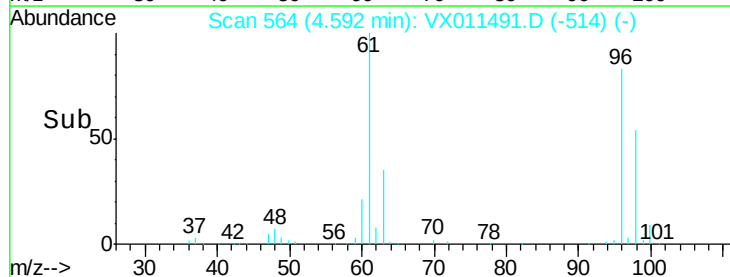
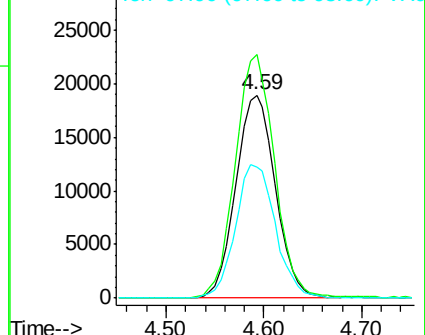
98 66.3 0.0 133.2

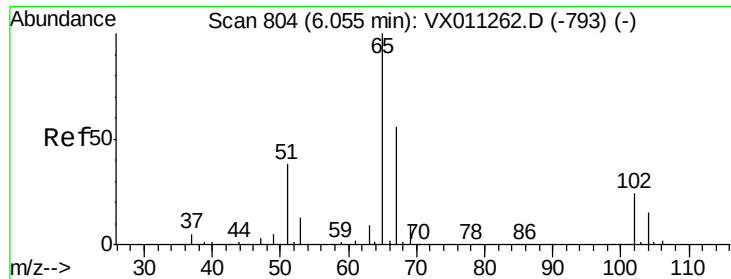


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

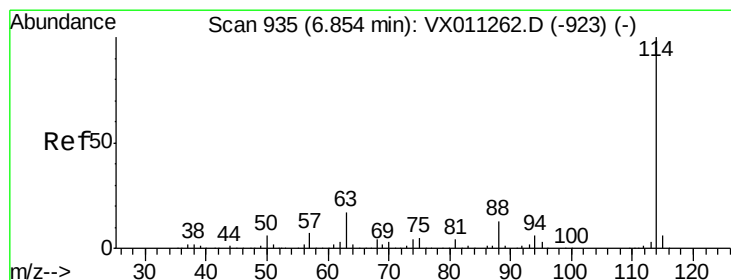
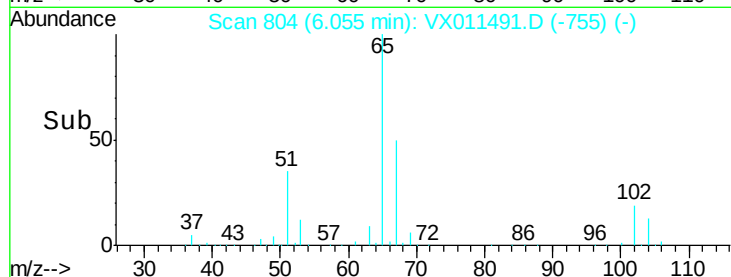
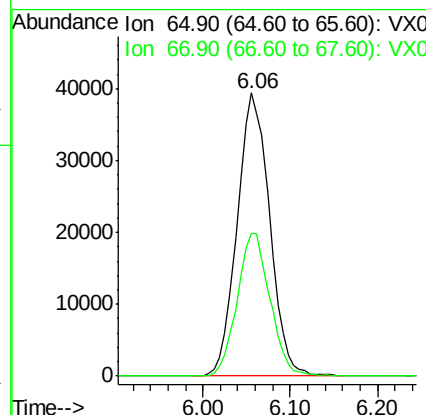
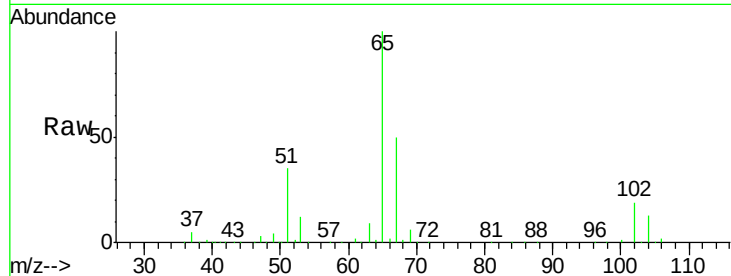




#33
 1,2-Dichloroethane-d4
 Concen: 54.949 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011491.D
 Acq: 12 Aug 2019 18:13

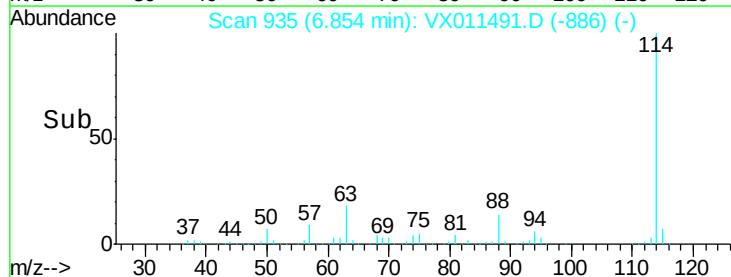
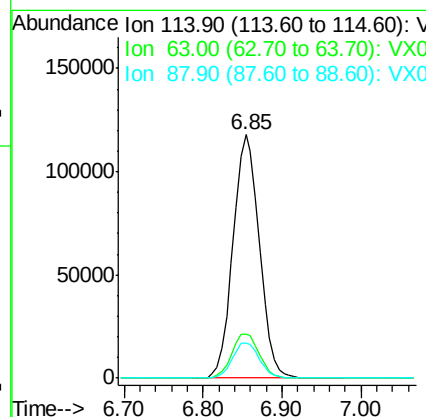
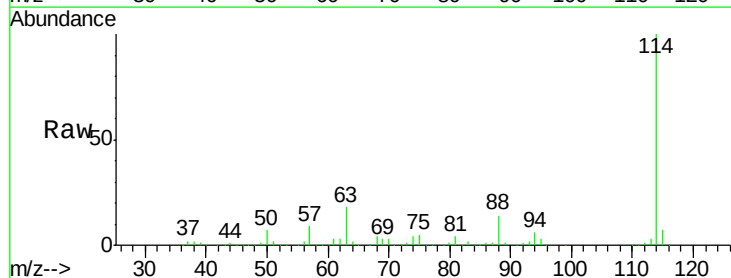
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0691

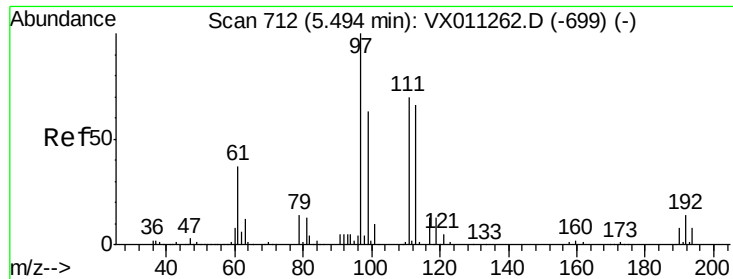
Tot Ion: 65 Resp: 101776
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011491.D
 Acq: 12 Aug 2019 18:13

Tgt Ion: 114 Resp: 273786
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 14.2 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.499 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011491.D

Acq: 12 Aug 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

Z3-0691

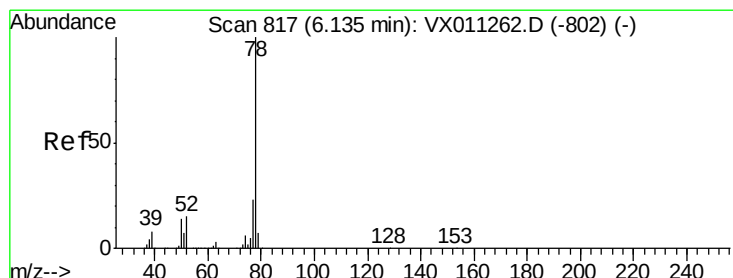
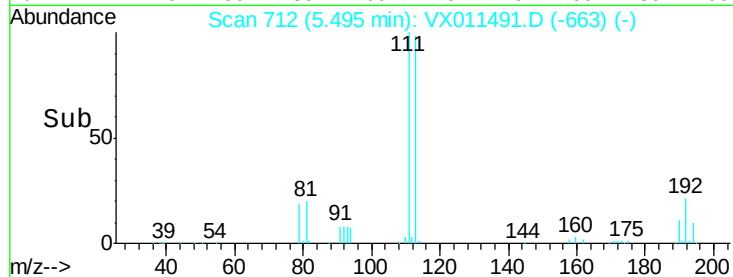
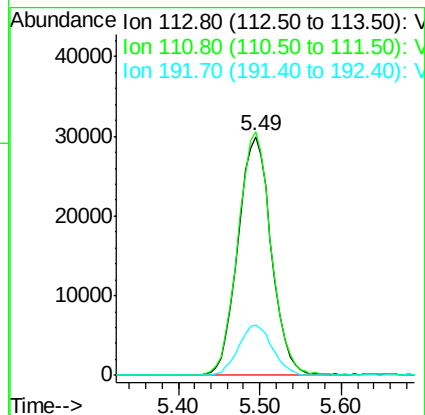
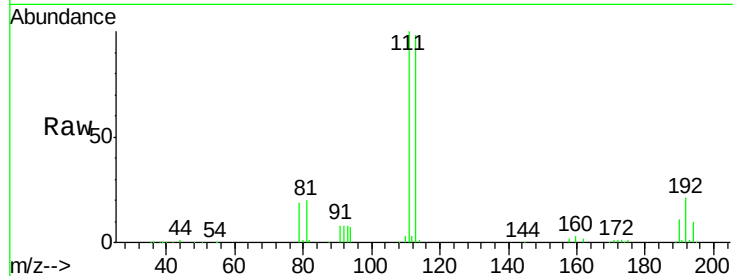
Tot Ion:113 Resp: 84904

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 21.4 17.8 26.8



#40

Benzene

Concen: 3.863 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011491.D

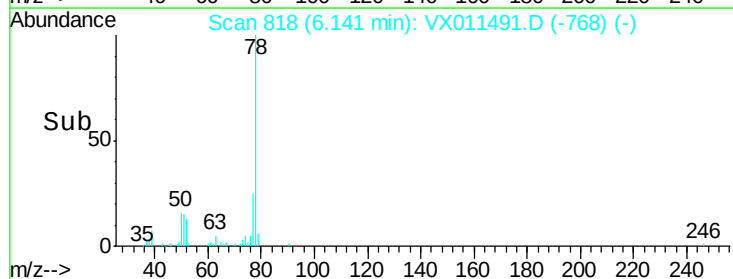
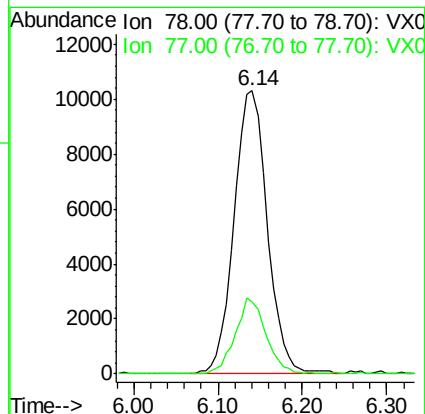
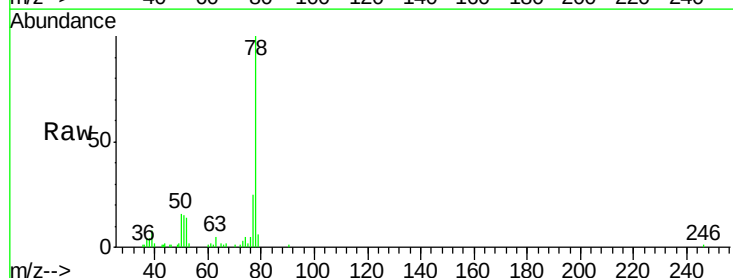
Acq: 12 Aug 2019 18:13

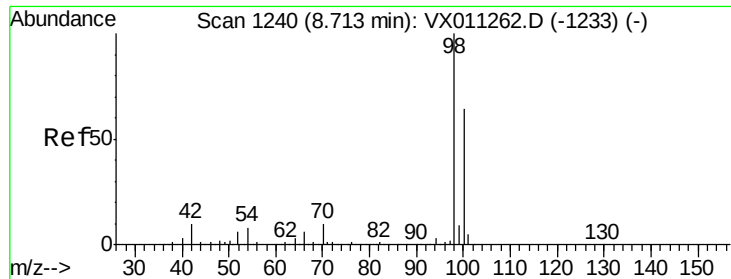
Tgt Ion: 78 Resp: 27553

Ion Ratio Lower Upper

78 100

77 25.5 18.2 27.2

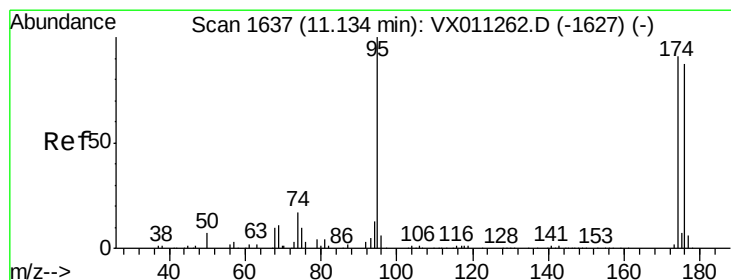
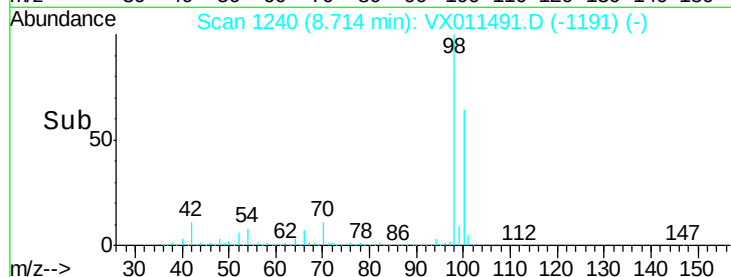
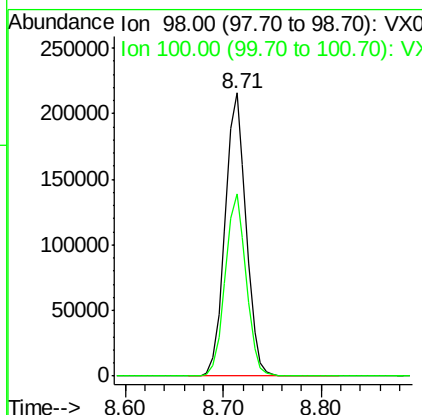
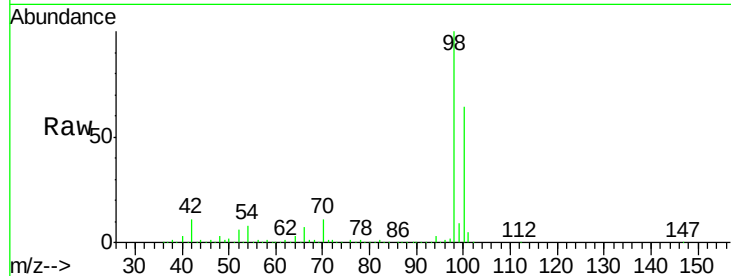




#50
Toluene-d8
Concen: 47.611 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011491.D
Acq: 12 Aug 2019 18:13

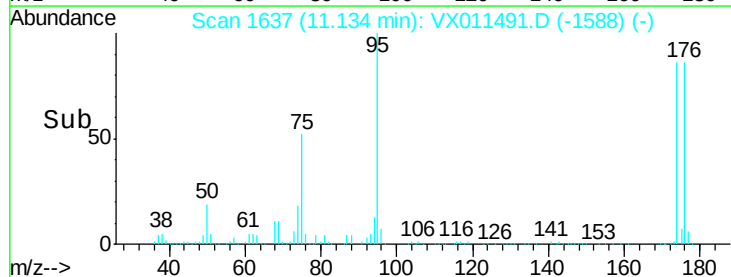
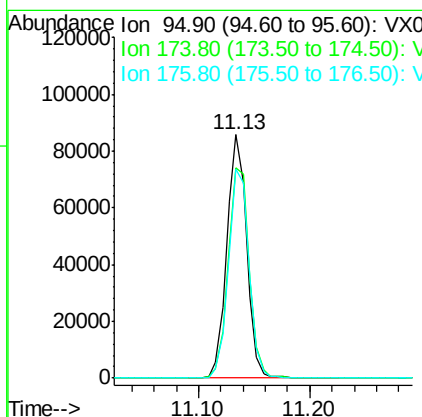
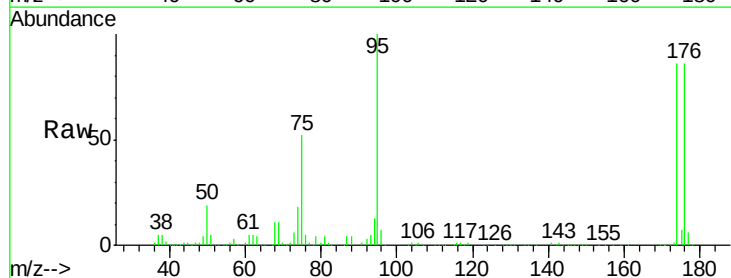
Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

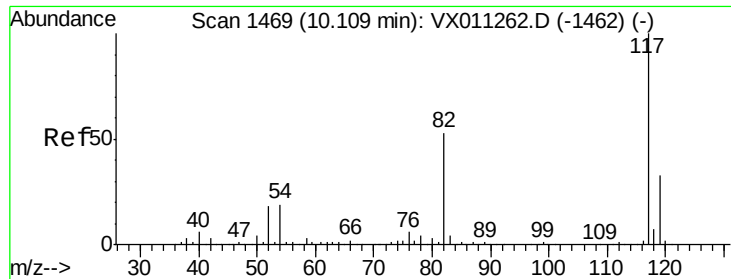
Tot Ion: 98 Resp: 321243
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.823 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011491.D
Acq: 12 Aug 2019 18:13

Tgt Ion: 95 Resp: 105567
Ion Ratio Lower Upper
95 100
174 91.5 0.0 191.2
176 88.8 0.0 184.8

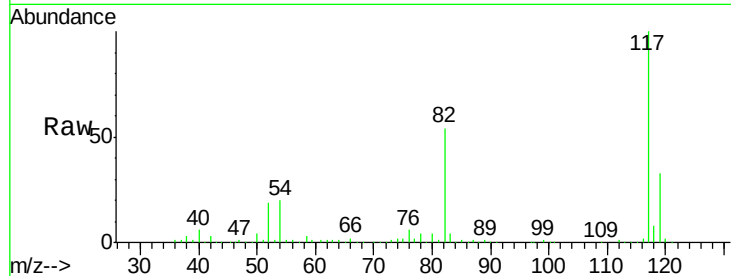




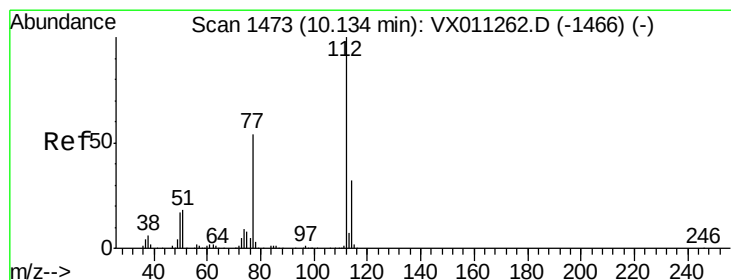
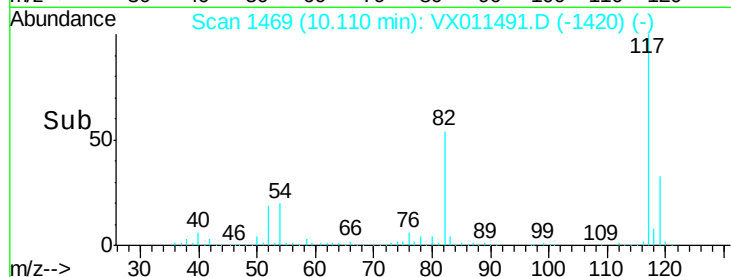
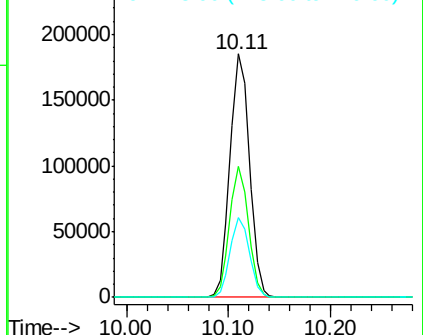
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011491.D
Acq: 12 Aug 2019 18:13

Instrument :
MSVOA_X
ClientSampled :
Z3-0691

Tot Ion:117 Resp: 244915
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.2
119 32.5 26.6 39.8

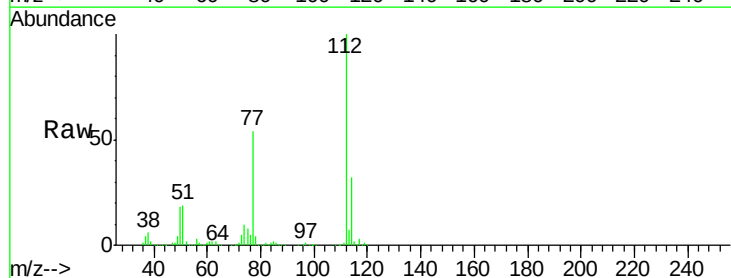


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

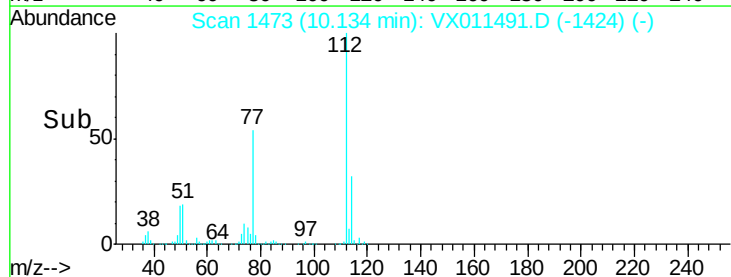
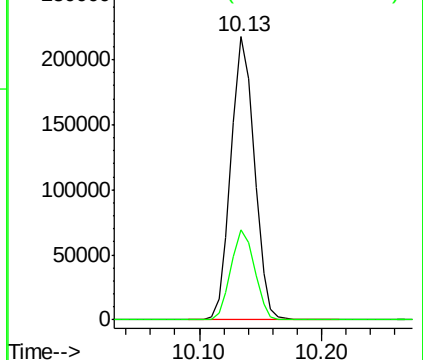


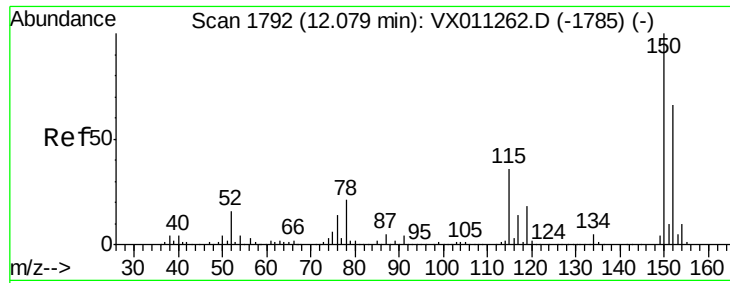
#65
Chlorobenzene
Concen: 54.897 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011491.D
Acq: 12 Aug 2019 18:13

Tgt Ion:112 Resp: 288281
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



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



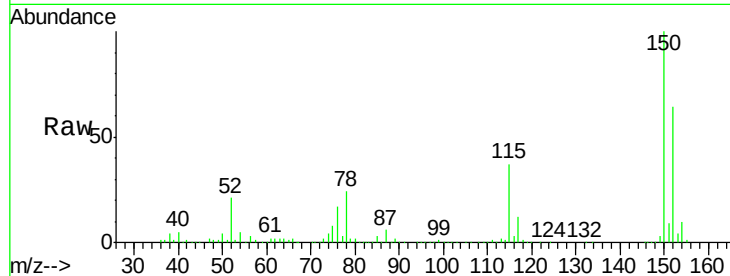


#72

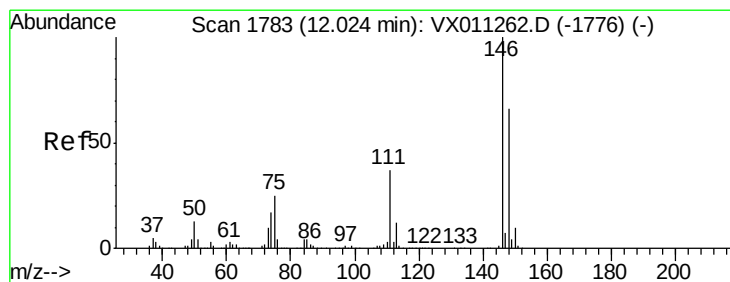
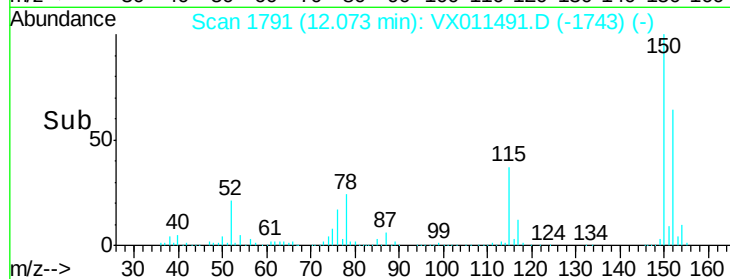
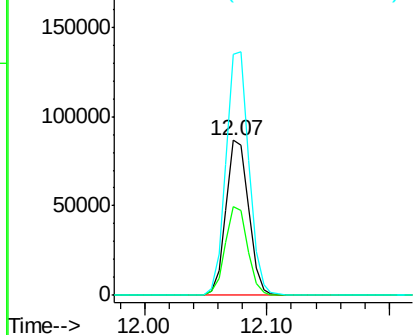
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011491.D
Acq: 12 Aug 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
Z3-0691

Tot Ion:152 Resp: 111148
Ion Ratio Lower Upper
152 100
115 56.4 40.0 119.9
150 158.2 0.0 350.4



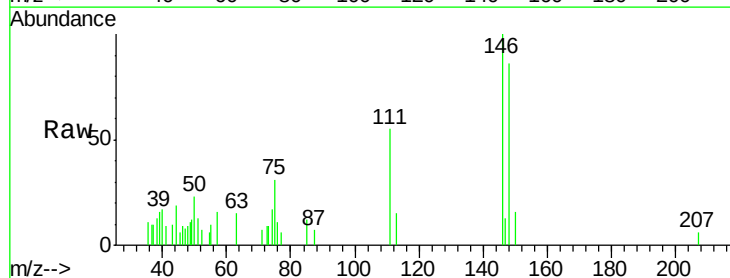
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



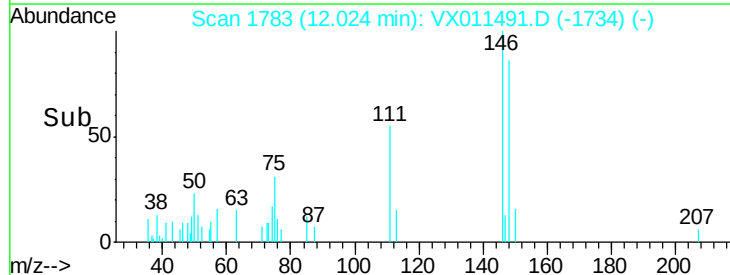
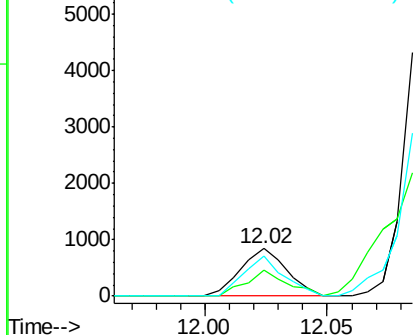
#87

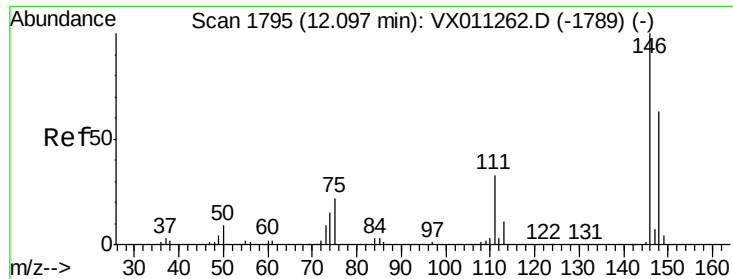
1,3-Dichlorobenzene
Concen: 0.297 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX011491.D
Acq: 12 Aug 2019 18:13

Tgt Ion:146 Resp: 1107
Ion Ratio Lower Upper
146 100
111 48.8 18.6 55.8
148 73.5 32.5 97.5



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





#88

1,4-Dichlorobenzene

Concen: 2.614 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011491.D

Acq: 12 Aug 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

Z3-0691

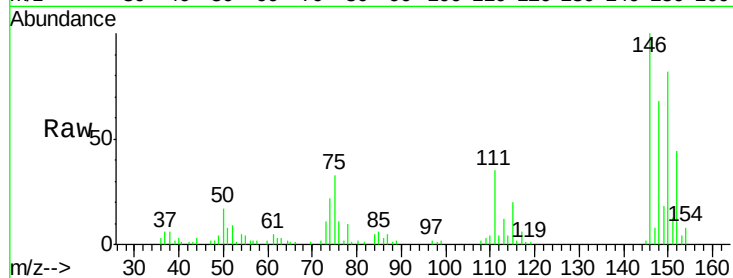
Tot Ion:146 Resp: 10038

Ion Ratio Lower Upper

146 100

111 50.7 17.8 53.4

148 71.9 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

