

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011170.D
 Acq On : 30 Jul 2019 01:56
 Operator : JC/SP
 Sample : K4026-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0674

Quant Time: Jul 30 07:03:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

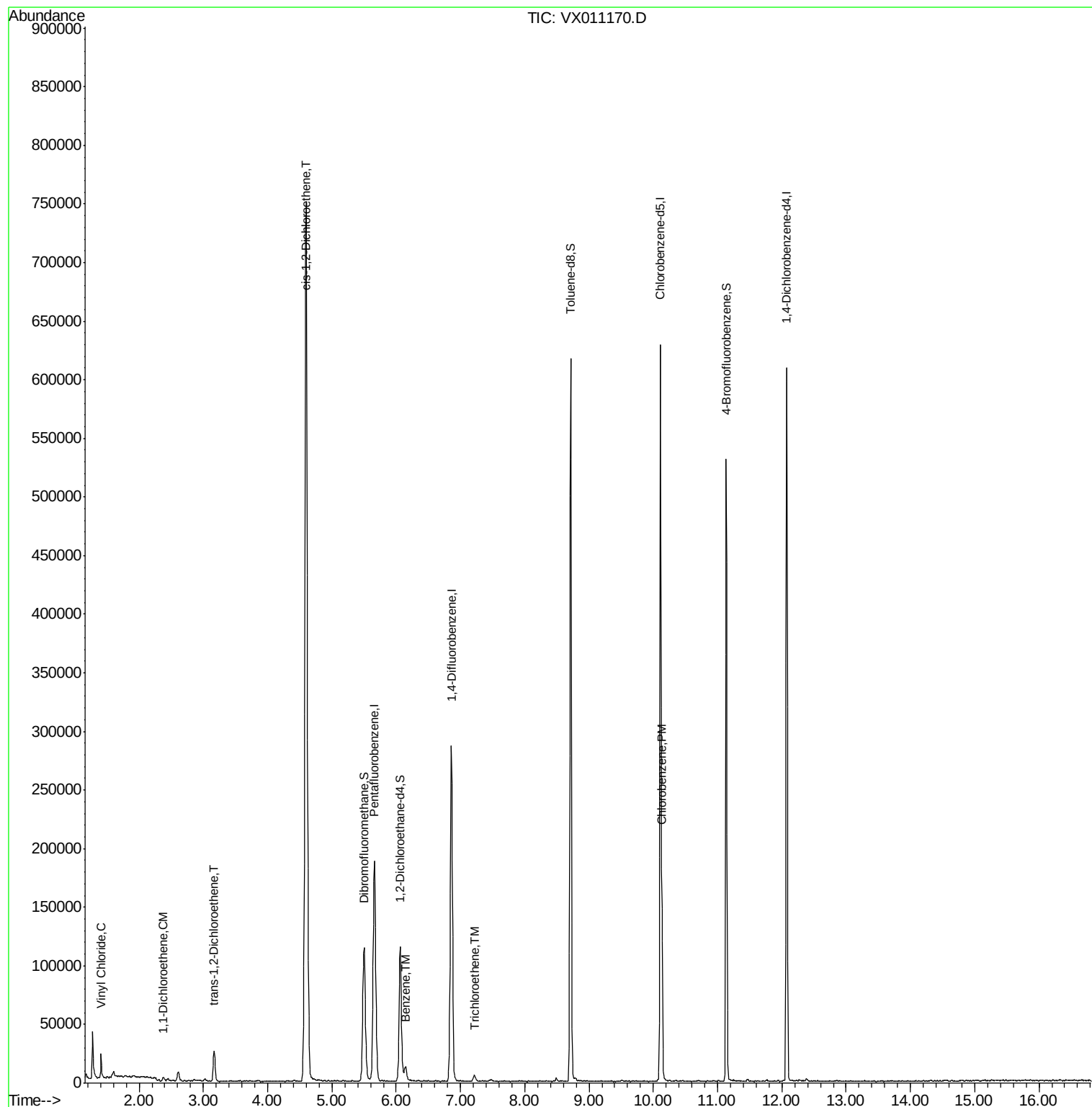
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106368	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	5.50	113	96395	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	8.71	98	368005	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	126111	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
4) Vinyl Chloride	1.41	62	13792	7.810	ug/l	98
12) 1,1-Dichloroethene	2.37	96	905	0.540	ug/l #	90
21) trans-1,2-Dichloroethene	3.17	96	11196	6.292	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	505249	245.355	ug/l	89
40) Benzene	6.15	78	15281	2.011	ug/l	97
44) Trichloroethene	7.21	130	2295	1.021	ug/l	83
65) Chlorobenzene	10.13	112	56487	9.601	ug/l	99

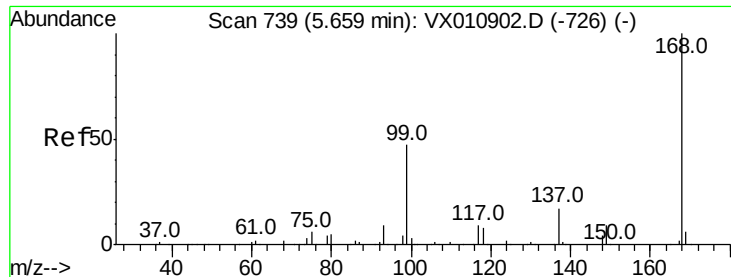
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011170.D

Acq: 30 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

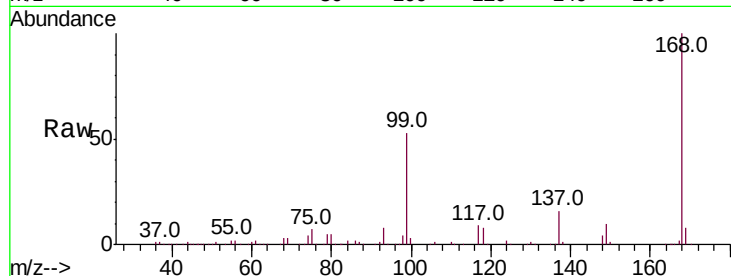
Z3-0674

Tot Ion:168 Resp: 188267

Ion Ratio Lower Upper

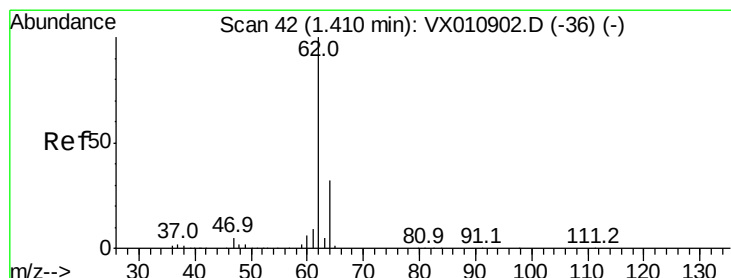
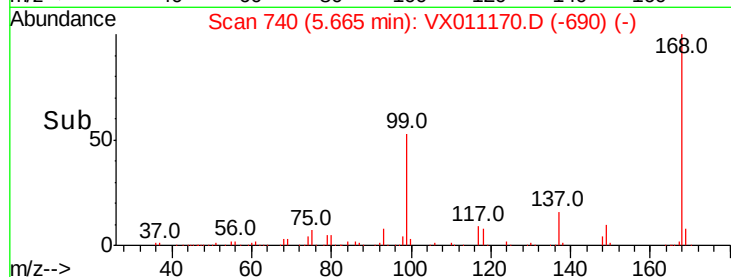
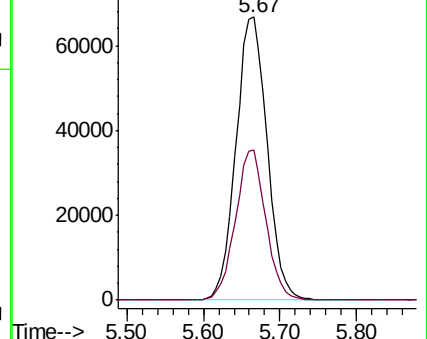
168 100

99 52.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 7.810 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011170.D

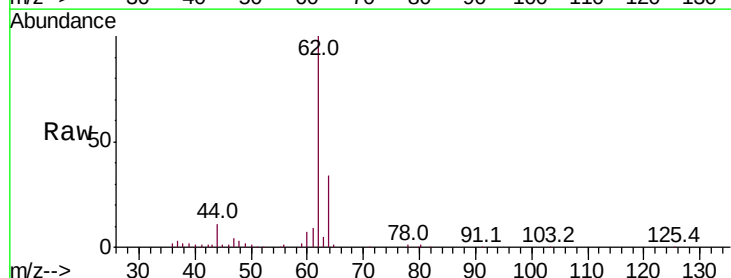
Acq: 30 Jul 2019 01:56

Tgt Ion: 62 Resp: 13792

Ion Ratio Lower Upper

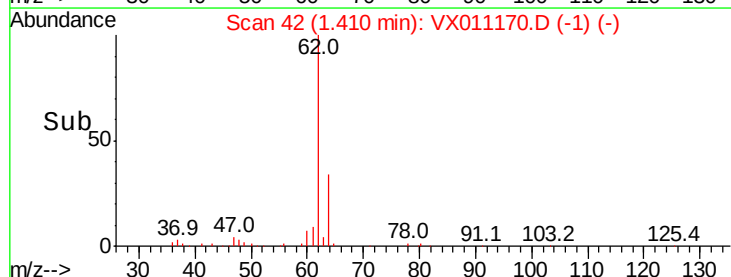
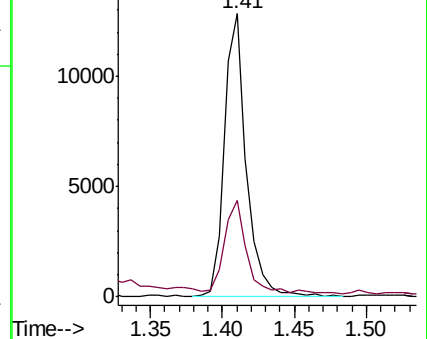
62 100

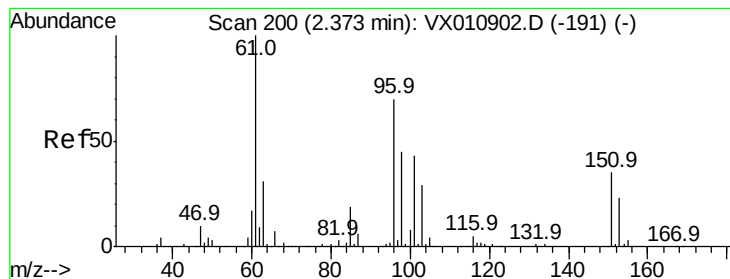
64 33.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.540 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011170.D

Acq: 30 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampled :

Z3-0674

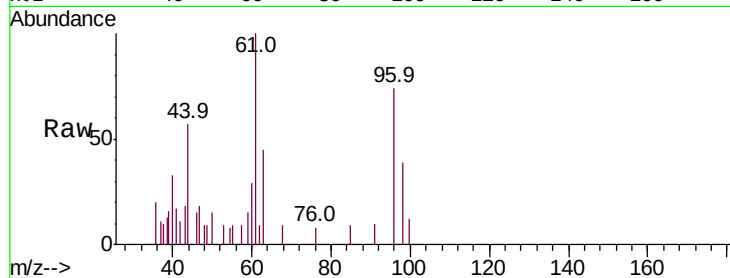
Tot Ion: 96 Resp: 905

Ion Ratio Lower Upper

96 100

61 134.5 115.0 172.4

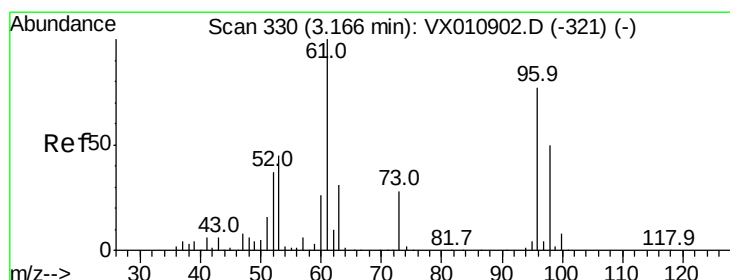
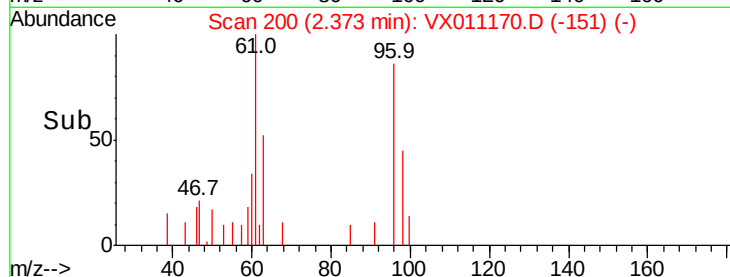
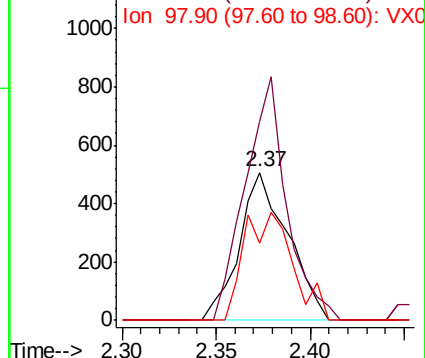
98 51.9 52.2 78.2#



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



#21

trans-1,2-Dichloroethene

Concen: 6.292 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011170.D

Acq: 30 Jul 2019 01:56

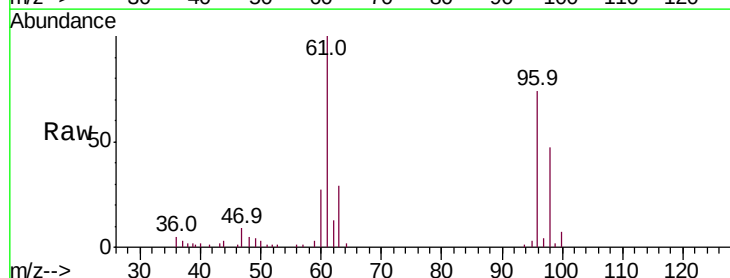
Tgt Ion: 96 Resp: 11196

Ion Ratio Lower Upper

96 100

61 134.3 104.2 156.2

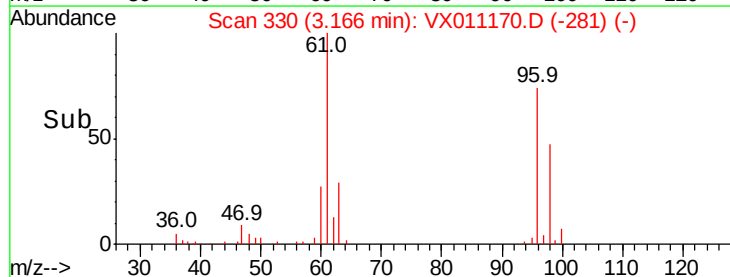
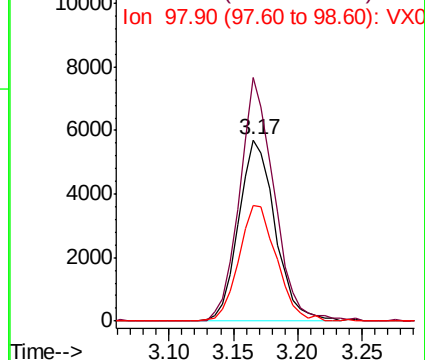
98 63.7 52.2 78.4

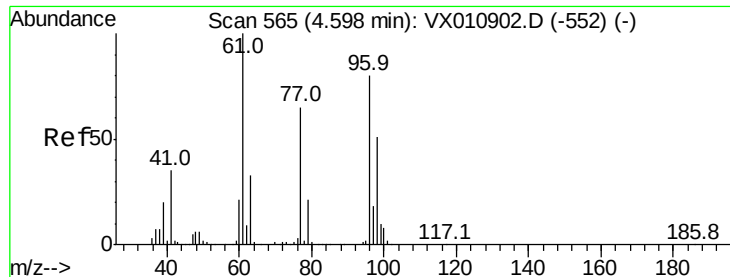


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



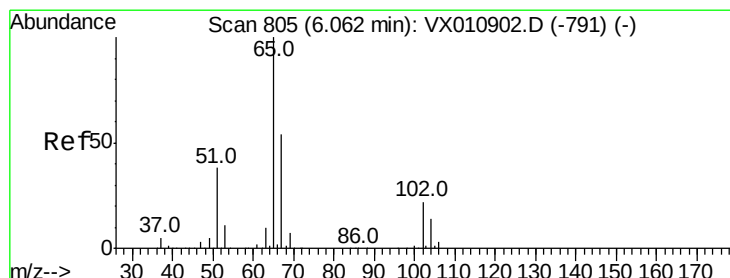
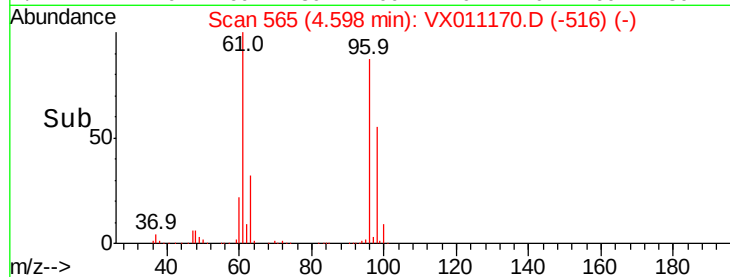
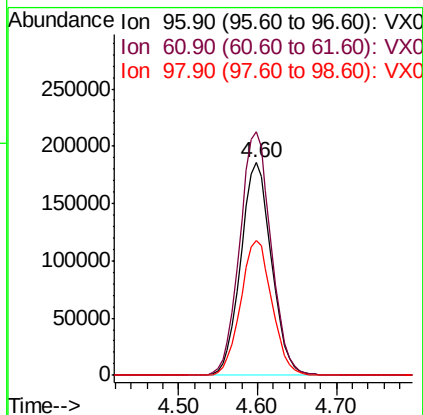
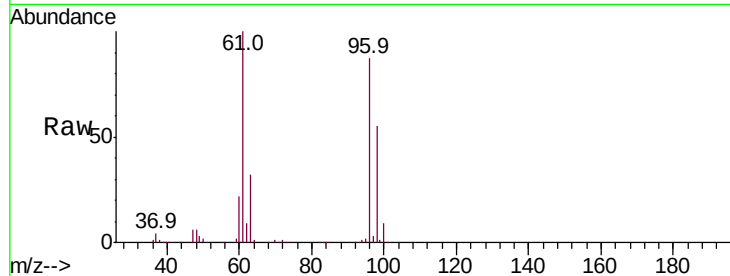


#27

cis-1,2-Dichloroethene
 Concen: 245.355 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011170.D
 Acq: 30 Jul 2019 01:56

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0674

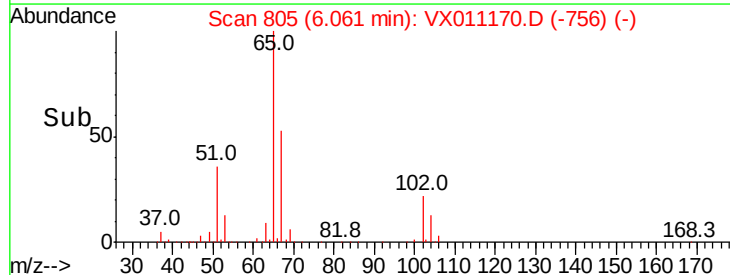
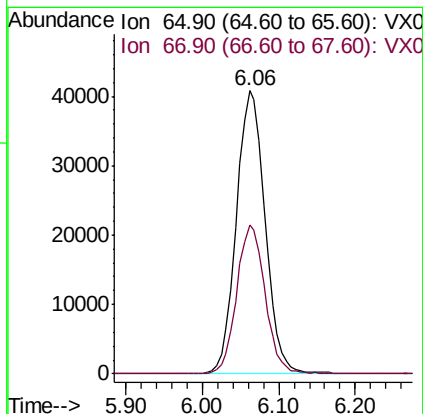
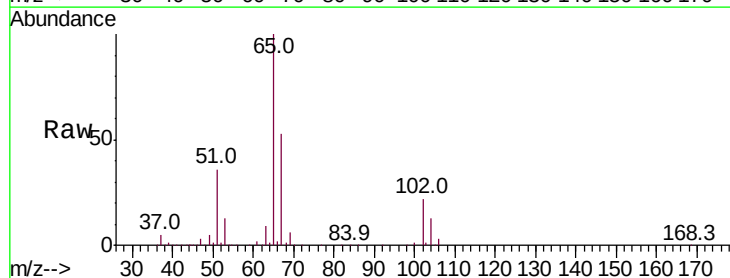
Tot Ion	96	Resp	505249
Ion	Ratio	Lower	Upper
96	100		
61	116.3	0.0	269.0
98	64.5	0.0	131.4

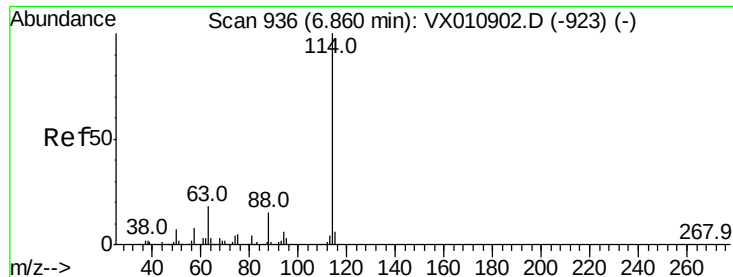


#33

1,2-Dichloroethane-d4
 Concen: 53.108 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011170.D
 Acq: 30 Jul 2019 01:56

Tgt Ion	65	Resp	106368
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

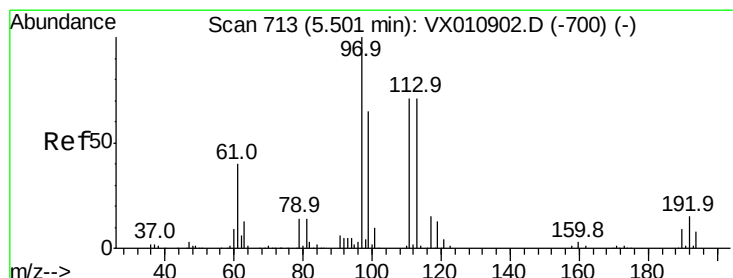
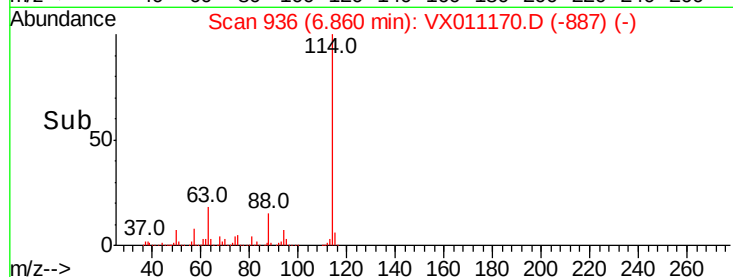
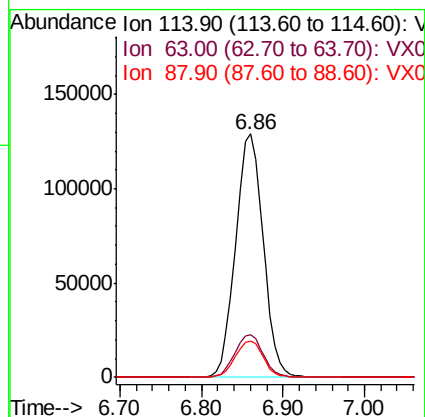
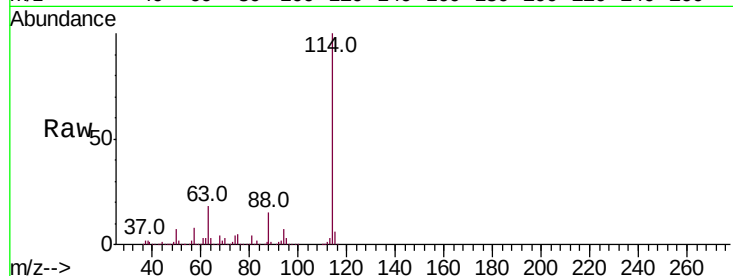
Lab File: VX011170.D

Acq: 30 Jul 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
Z3-0674

Tot Ion:114 Resp: 301937

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.6
88	14.8	0.0	29.8



#35

Dibromofluoromethane

Concen: 50.299 ug/l

RT: 5.50 min Scan# 713

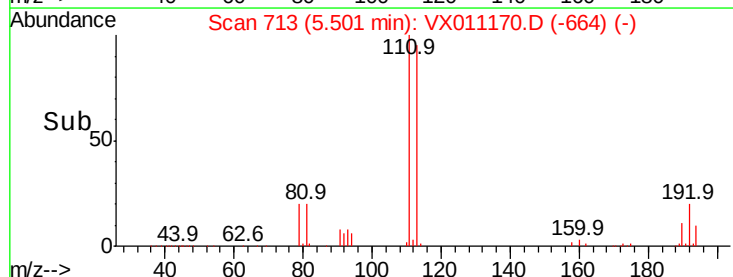
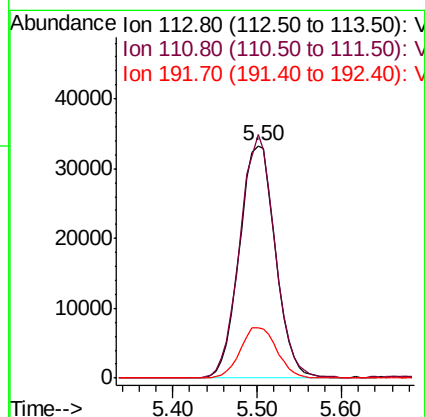
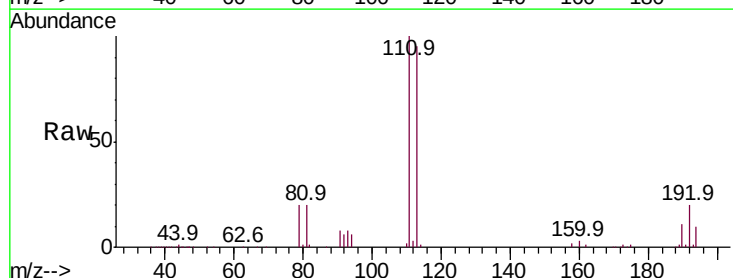
Delta R.T. -0.00 min

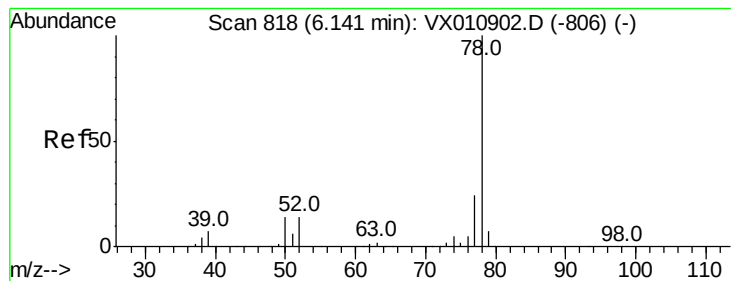
Lab File: VX011170.D

Acq: 30 Jul 2019 01:56

Tgt Ion:113 Resp: 96395

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.2	17.4	26.2





#40

Benzene

Concen: 2.011 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011170.D

Acq: 30 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampled :

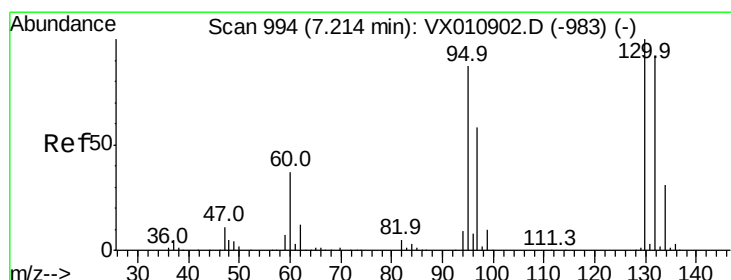
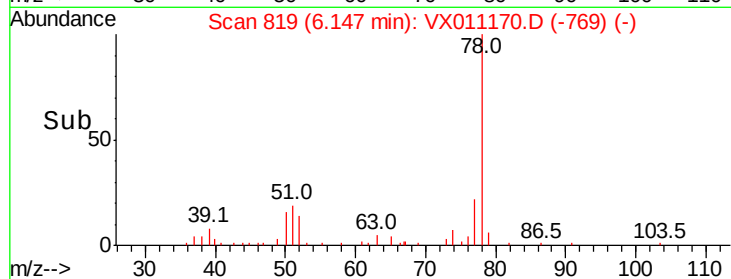
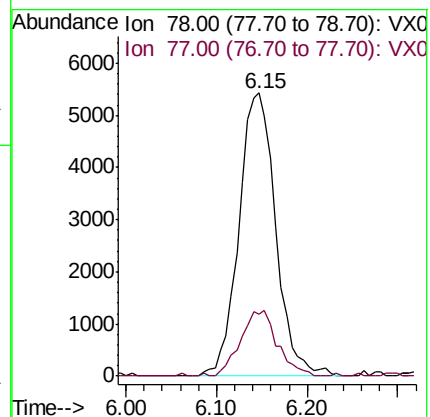
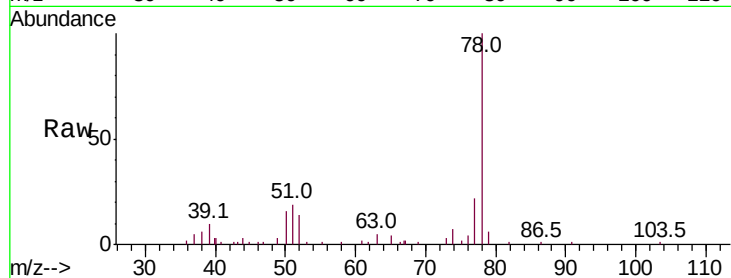
Z3-0674

Tot Ion: 78 Resp: 15281

Ion Ratio Lower Upper

78 100

77 22.1 19.0 28.6



#44

Trichloroethene

Concen: 1.021 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011170.D

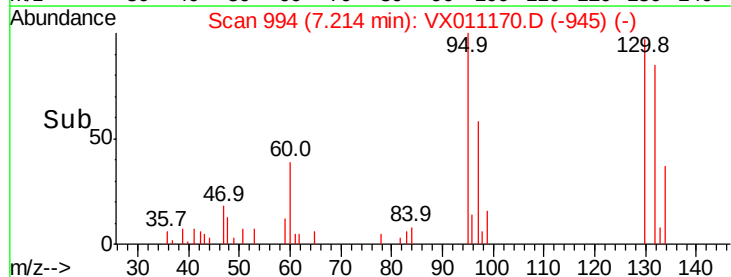
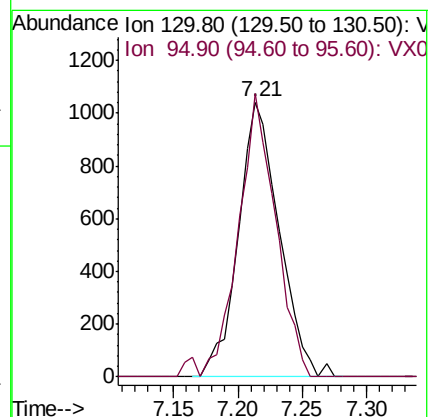
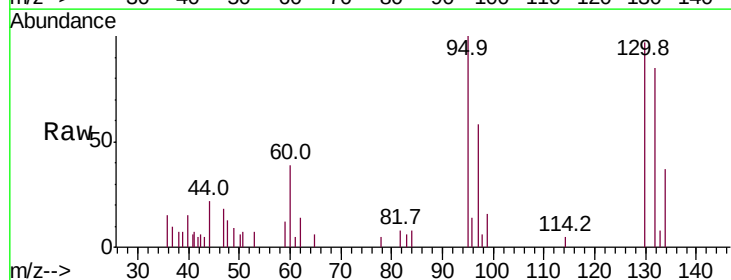
Acq: 30 Jul 2019 01:56

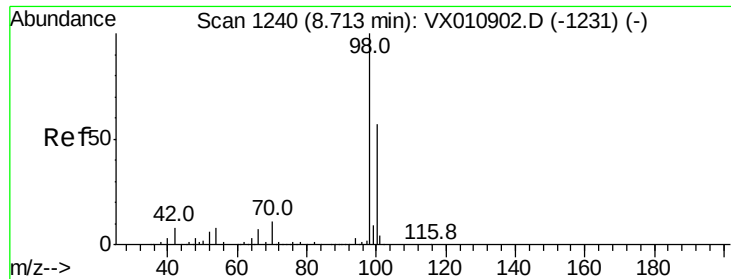
Tgt Ion: 130 Resp: 2295

Ion Ratio Lower Upper

130 100

95 102.9 0.0 174.8

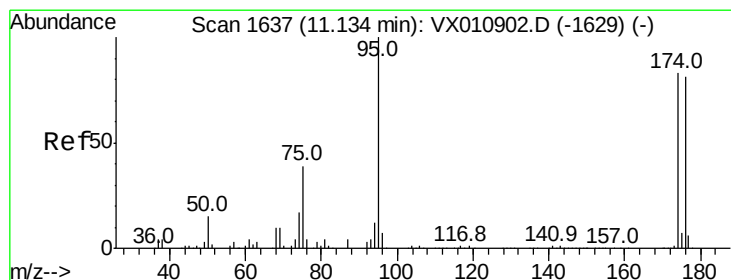
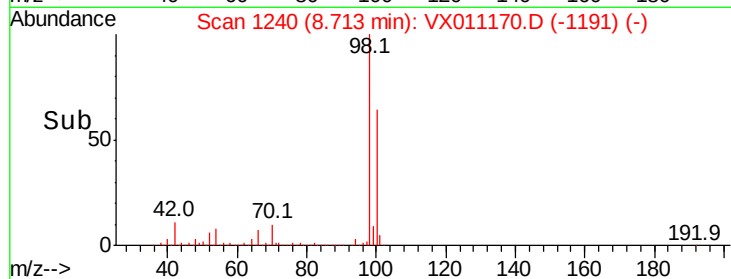
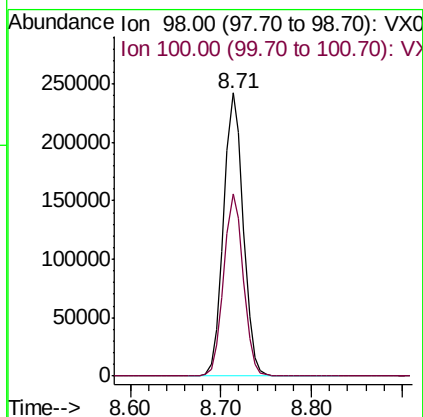
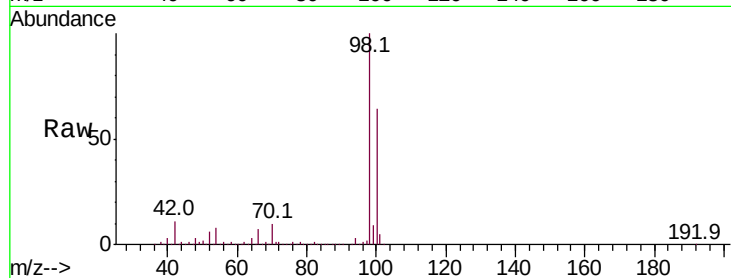




#50
Toluene-d8
Concen: 51.198 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011170.D
Acq: 30 Jul 2019 01:56

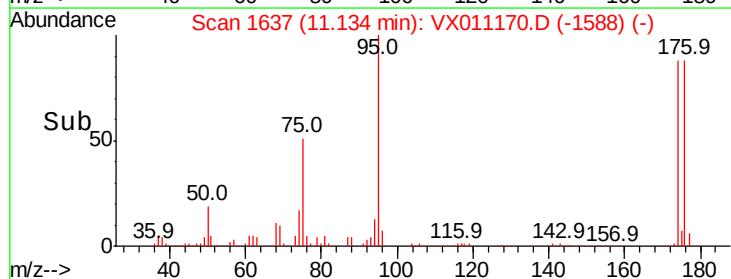
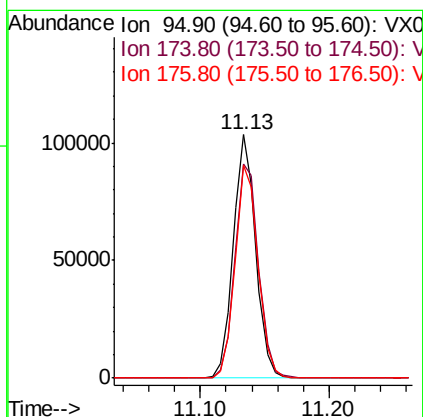
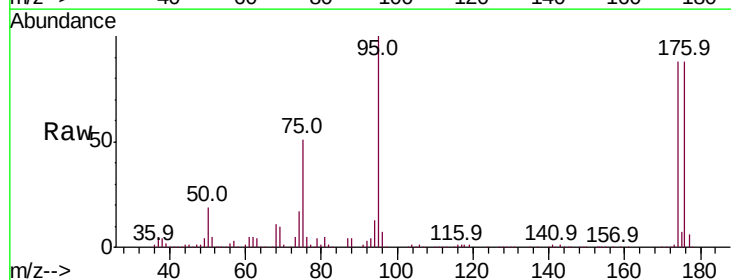
Instrument :
MSVOA_X
ClientSampled :
Z3-0674

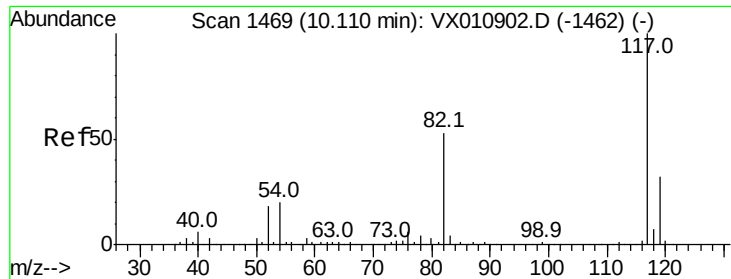
Tot Ion: 98 Resp: 368005
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 47.732 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011170.D
Acq: 30 Jul 2019 01:56

Tgt Ion: 95 Resp: 126111
Ion Ratio Lower Upper
95 100
174 92.9 0.0 180.6
176 89.2 0.0 173.8

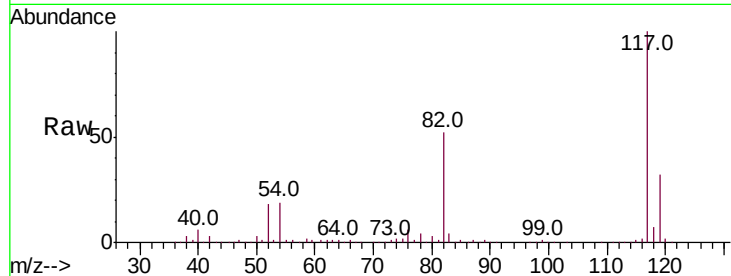




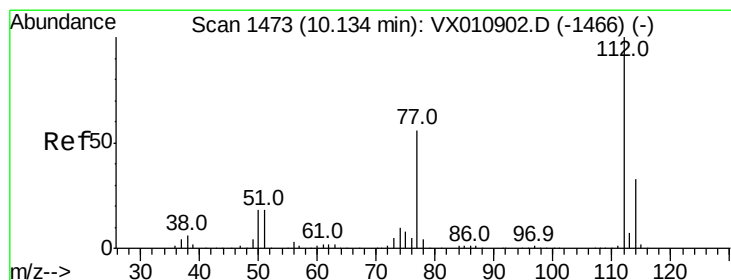
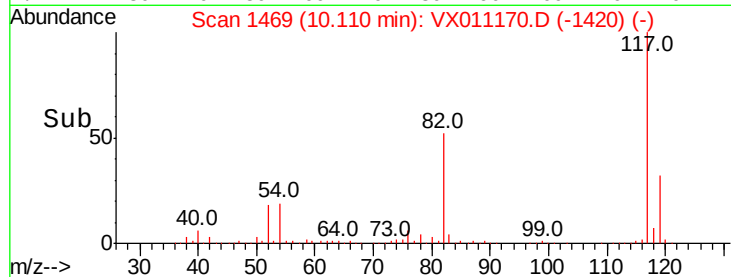
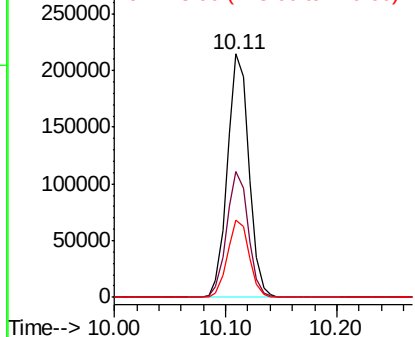
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011170.D
Acq: 30 Jul 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
Z3-0674

Tot Ion:117 Resp: 286445
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 31.8 25.9 38.9

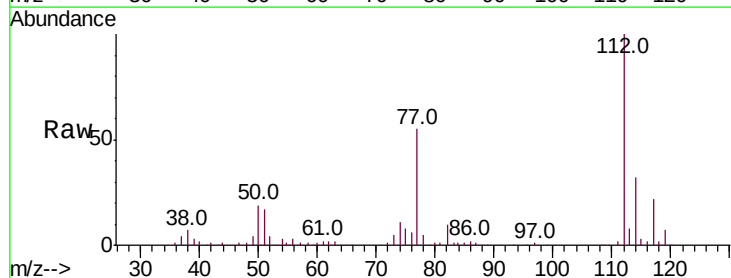


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

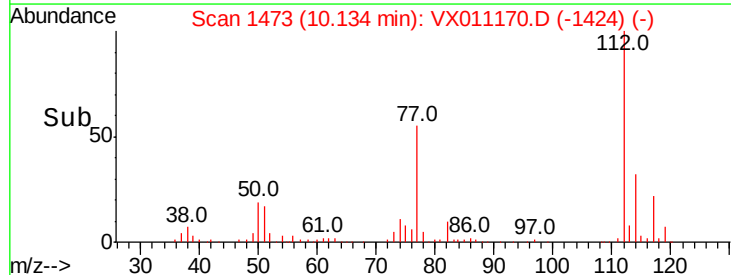
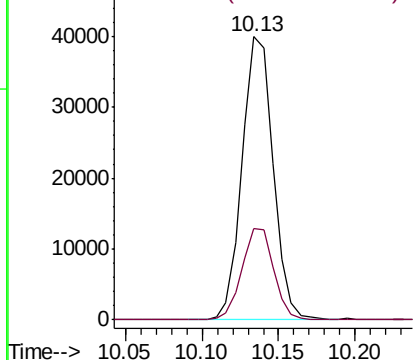


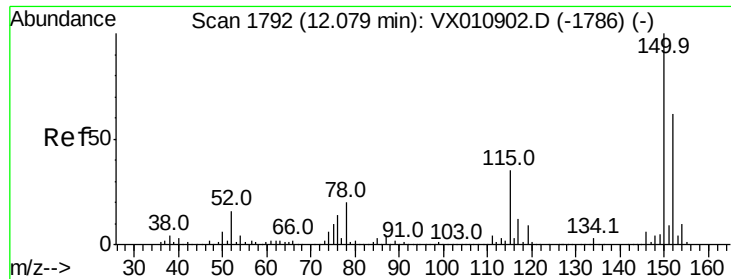
#65
Chlorobenzene
Concen: 9.601 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011170.D
Acq: 30 Jul 2019 01:56

Tgt Ion:112 Resp: 56487
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



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: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011170.D
 Acq: 30 Jul 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0674

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.7	119.1
150	158.5	0.0	345.6

