

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009890.D
 Acq On : 24 May 2019 16:34
 Operator : JC/SP
 Sample : K3032-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0652

Quant Time: May 25 01:28:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

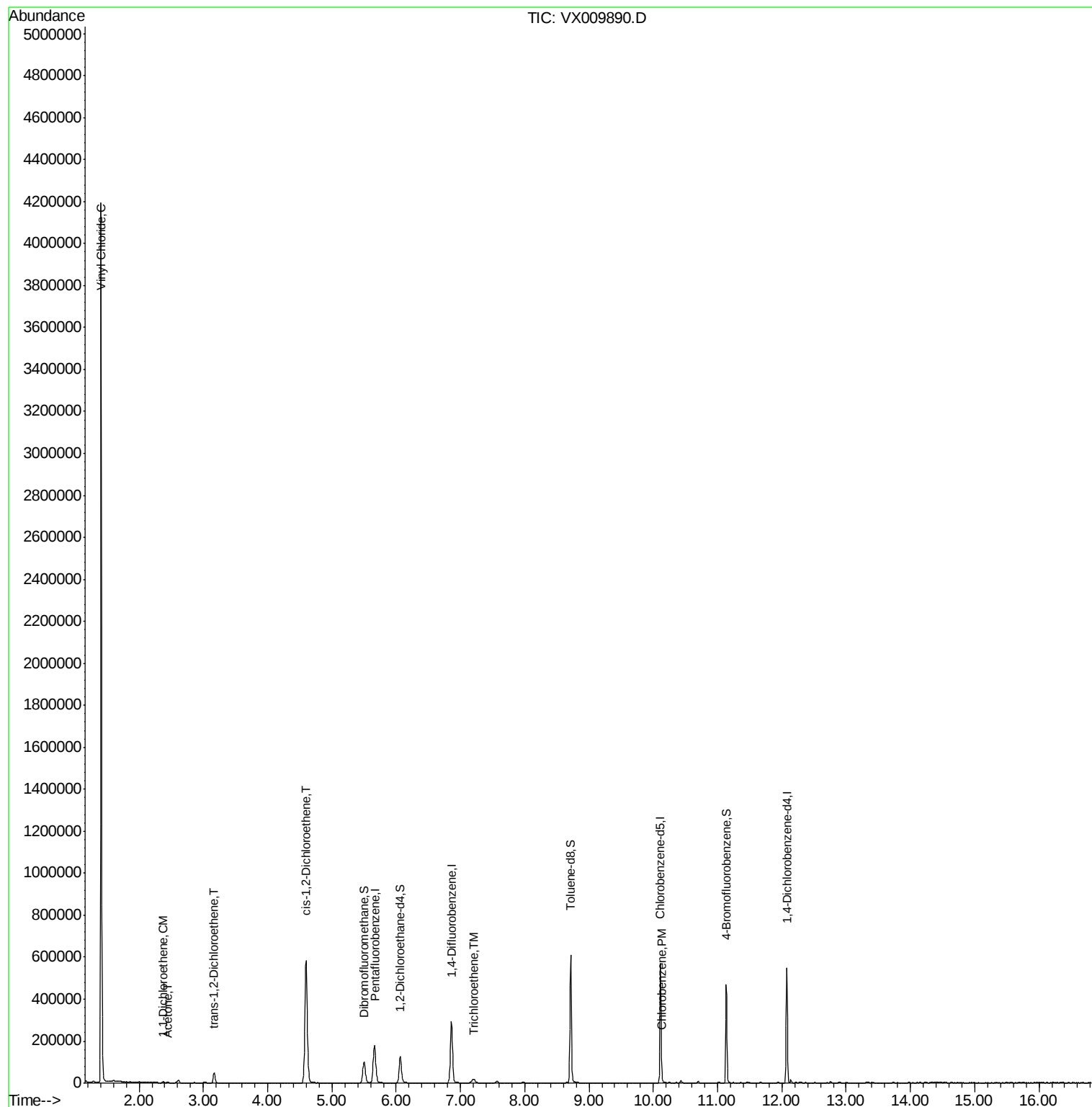
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120328	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	5.50	113	85962	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	356376	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	120092	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2924722	1375.269	ug/l	97
12) 1,1-Dichloroethene	2.38	96	1560	0.959	ug/l #	78
16) Acetone	2.44	43	4020	3.164	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	18247	10.344	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	357824	169.950	ug/l	91
44) Trichloroethene	7.21	130	5217	2.683	ug/l	90
65) Chlorobenzene	10.14	112	2403	0.481	ug/l	92

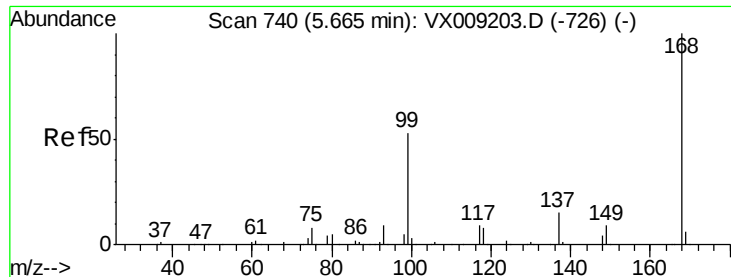
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA X/WATER
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ClientSampleId :
S32-0652

Quant Time: May 25 01:28:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009890.D

Acq: 24 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

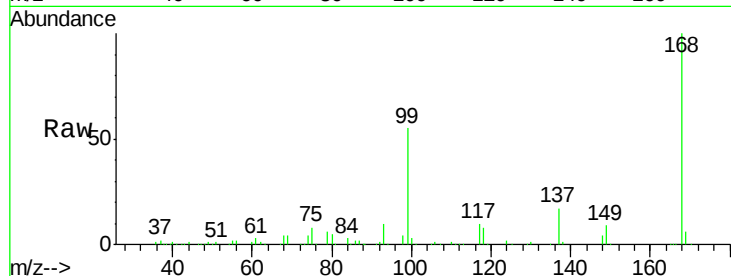
S32-0652

Tot Ion:168 Resp: 173348

Ion Ratio Lower Upper

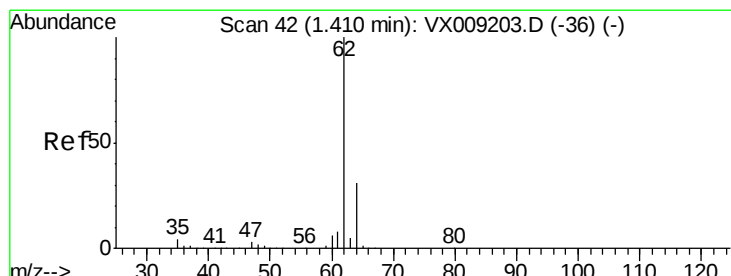
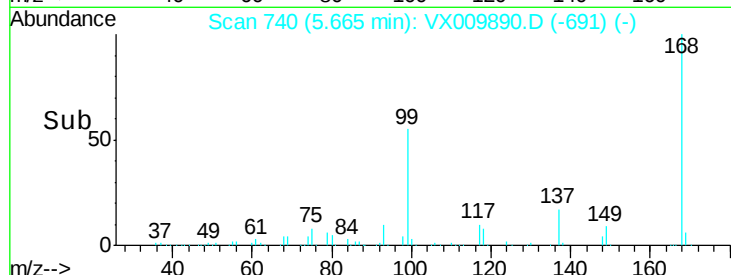
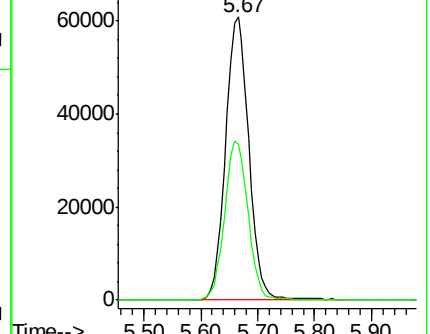
168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1375.269 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009890.D

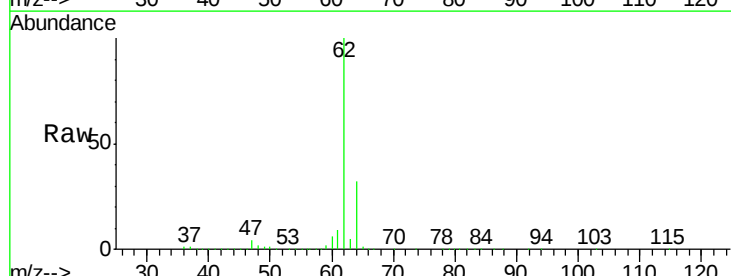
Acq: 24 May 2019 16:34

Tgt Ion: 62 Resp: 2924722

Ion Ratio Lower Upper

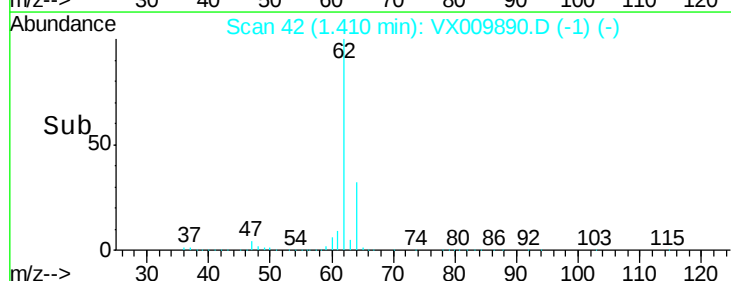
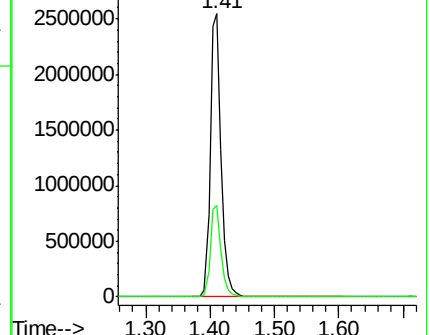
62 100

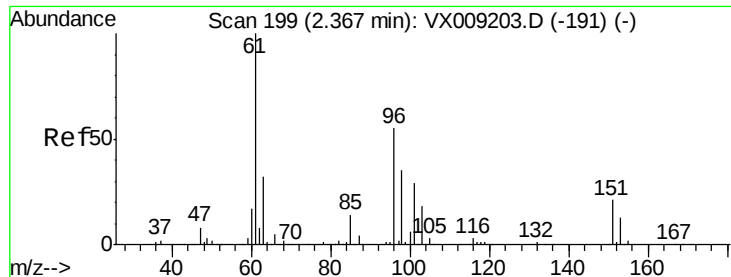
64 32.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.959 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX009890.D

Acq: 24 May 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

S32-0652

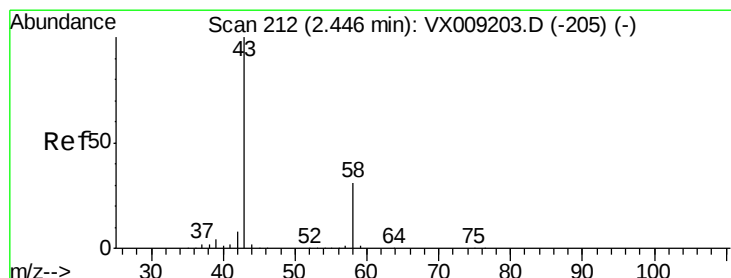
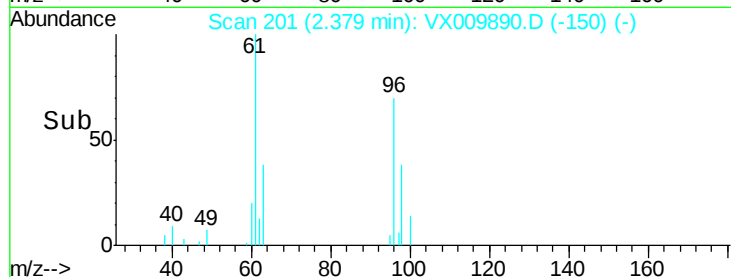
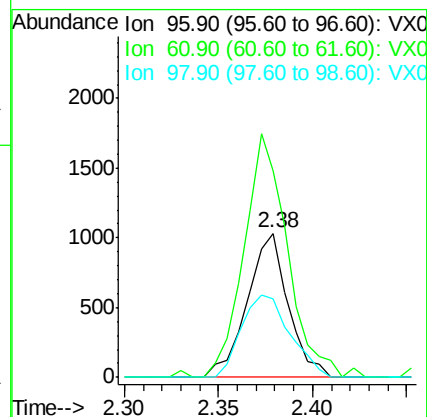
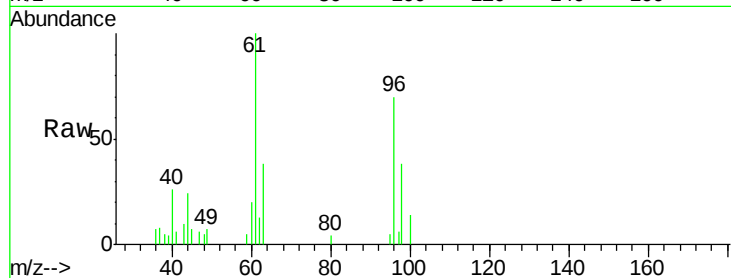
Tot Ion: 96 Resp: 1560

Ion Ratio Lower Upper

96 100

61 143.8 144.3 216.5#

98 54.2 50.3 75.5



#16

Acetone

Concen: 3.164 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009890.D

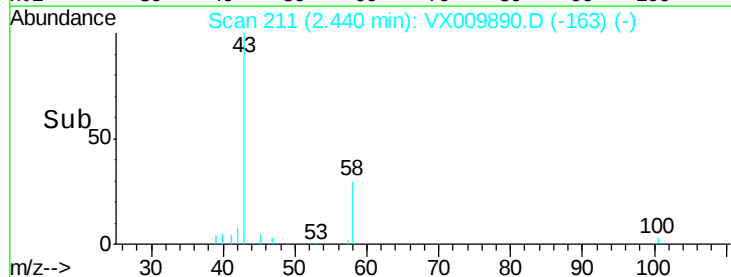
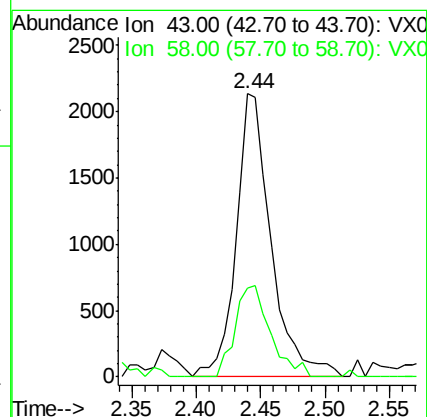
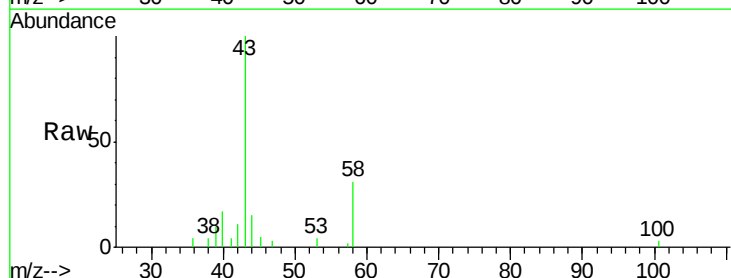
Acq: 24 May 2019 16:34

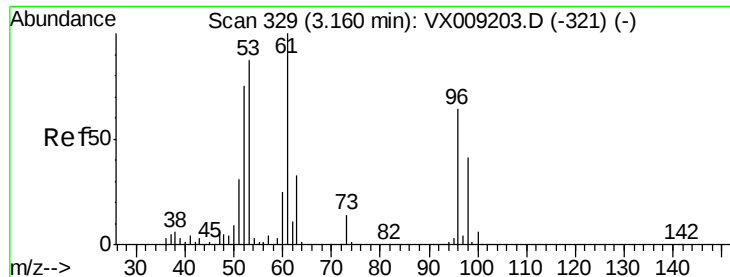
Tgt Ion: 43 Resp: 4020

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3





#21

trans-1,2-Dichloroethene

Concen: 10.344 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009890.D

Acq: 24 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

S32-0652

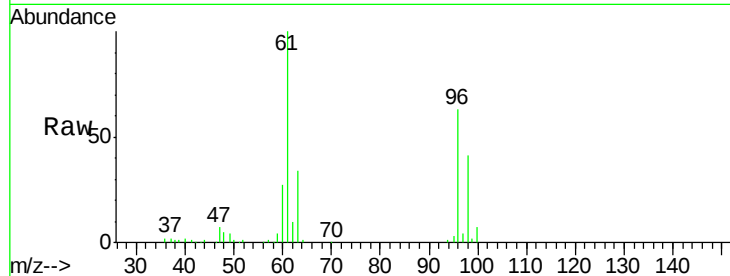
Tot Ion: 96 Resp: 18247

Ion Ratio Lower Upper

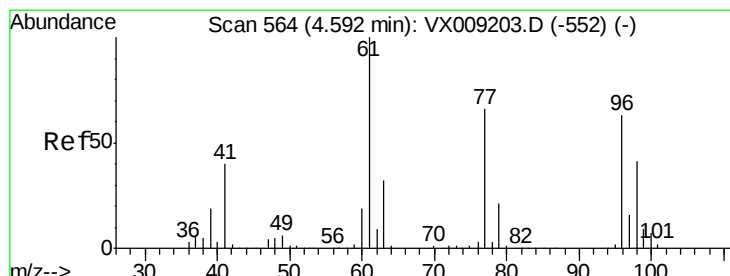
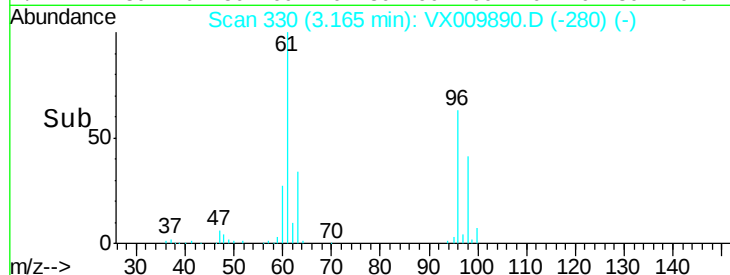
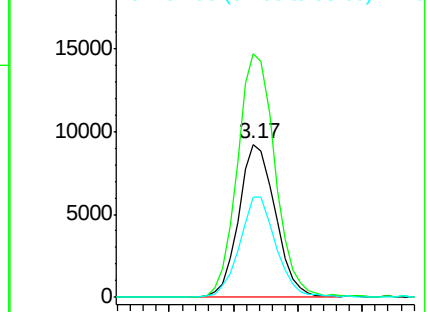
96 100

61 158.8 124.5 186.7

98 65.1 50.4 75.6



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: 169.950 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009890.D

Acq: 24 May 2019 16:34

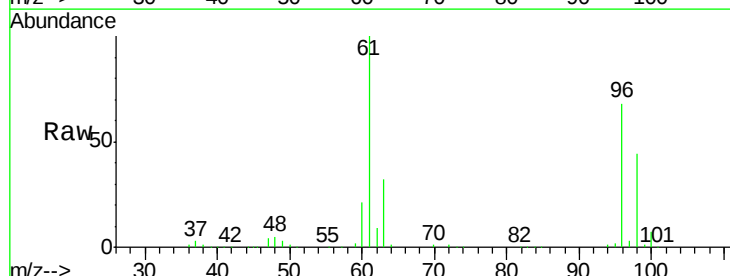
Tgt Ion: 96 Resp: 357824

Ion Ratio Lower Upper

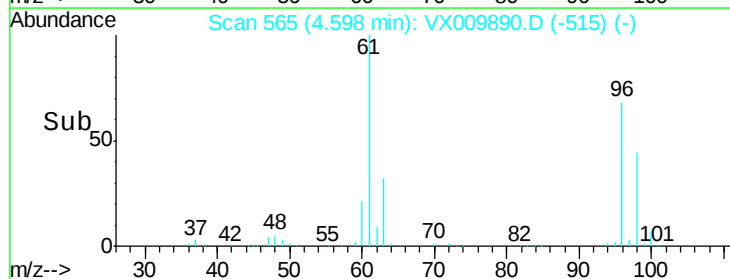
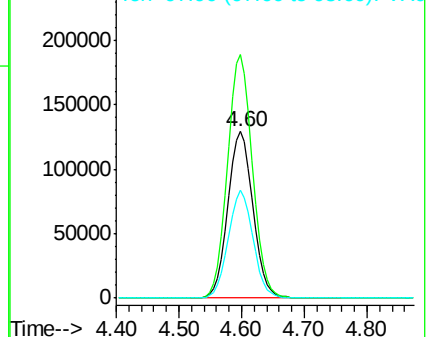
96 100

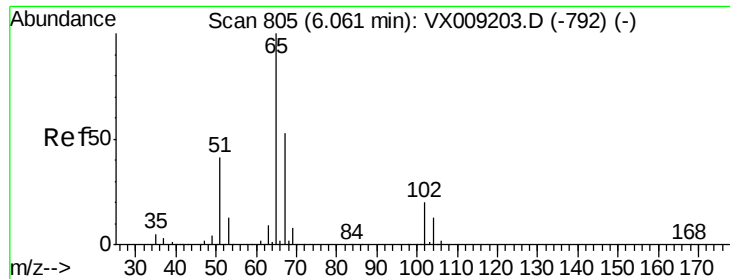
61 145.4 0.0 324.0

98 63.7 0.0 130.4



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

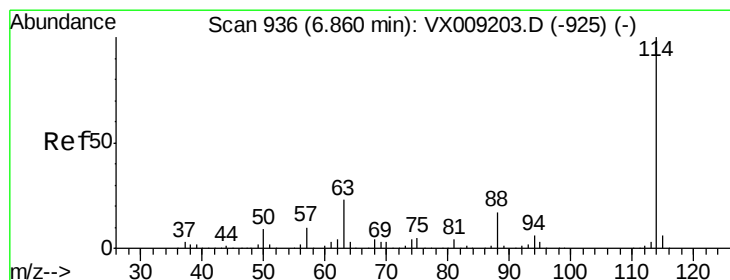
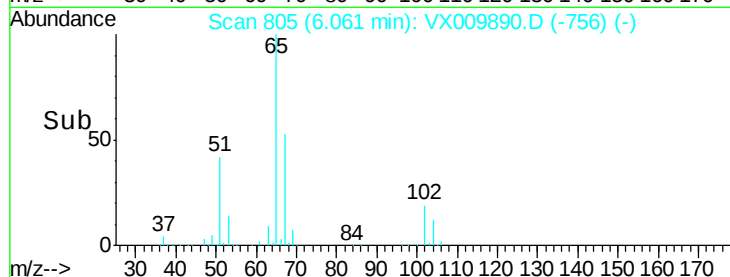
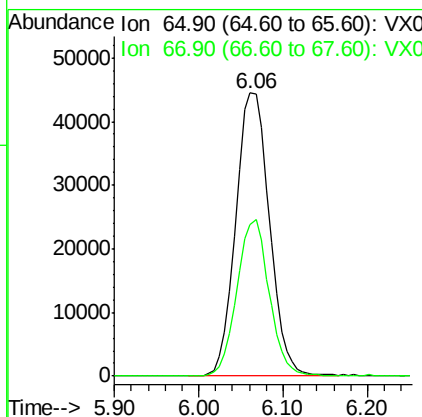
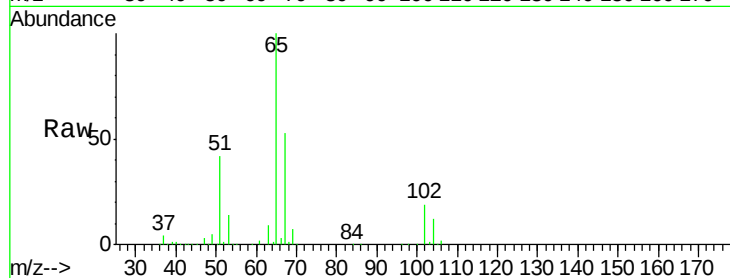




#33
 1,2-Dichloroethane-d4
 Concen: 50.848 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009890.D
 Acq: 24 May 2019 16:34

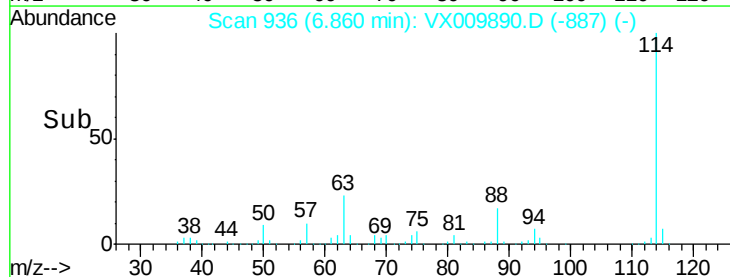
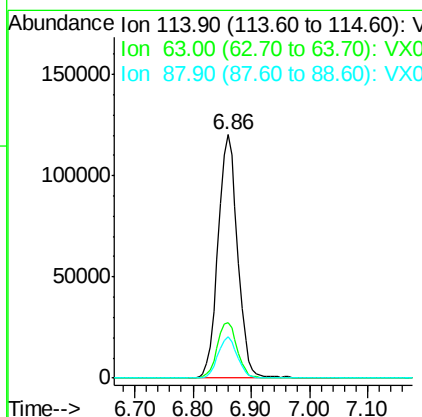
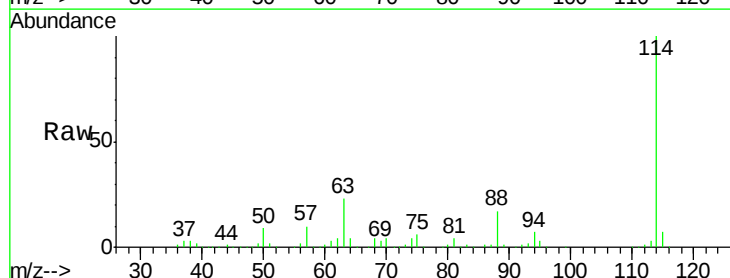
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0652

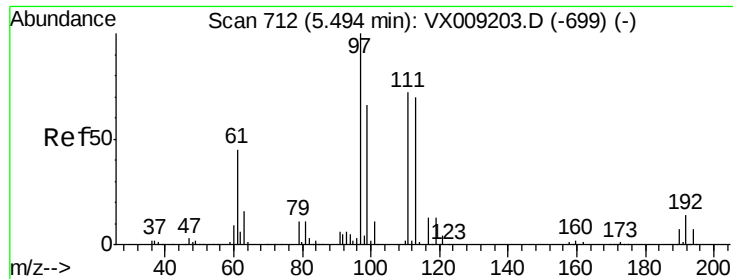
Tot Ion: 65 Resp: 120328
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009890.D
 Acq: 24 May 2019 16:34

Tgt Ion: 114 Resp: 279630
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.9 0.0 33.2

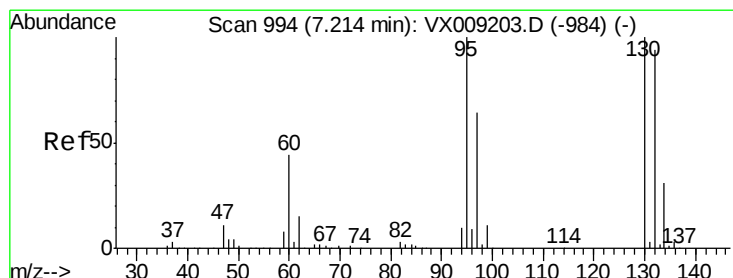
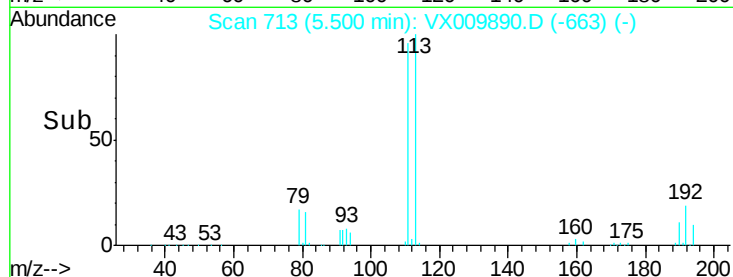
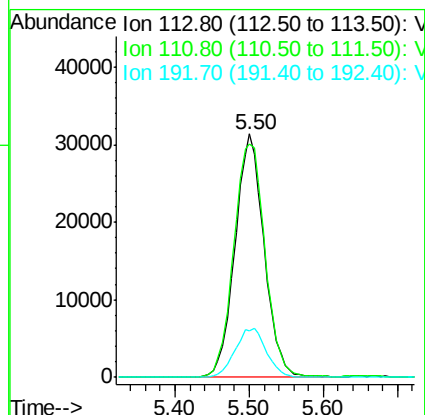
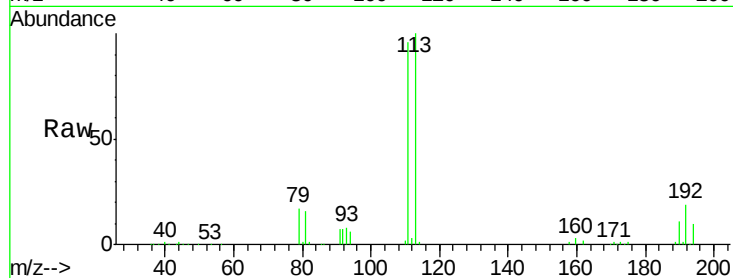




#35
 Dibromofluoromethane
 Concen: 48.901 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009890.D
 Acq: 24 May 2019 16:34

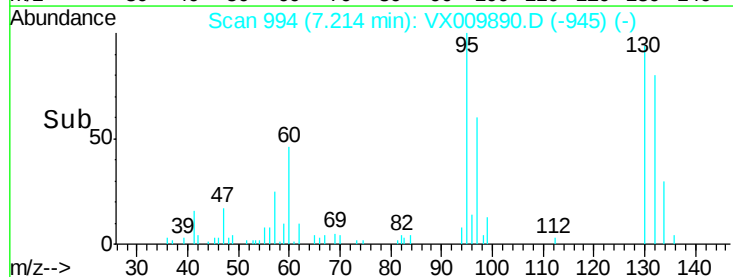
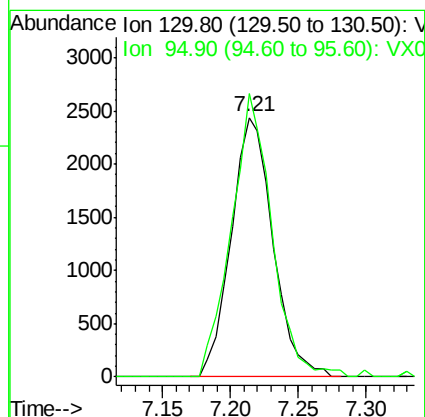
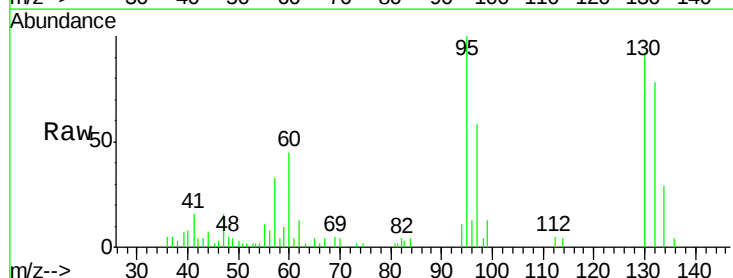
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0652

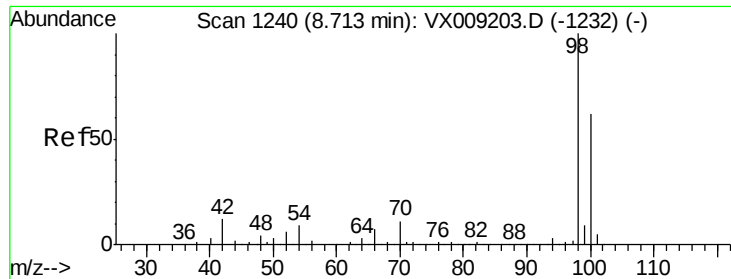
Tot Ion:113 Resp: 85962
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.8 124.2
 192 21.7 17.0 25.6



#44
 Trichloroethene
 Concen: 2.683 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009890.D
 Acq: 24 May 2019 16:34

Tgt Ion:130 Resp: 5217
 Ion Ratio Lower Upper
 130 100
 95 109.1 0.0 199.2

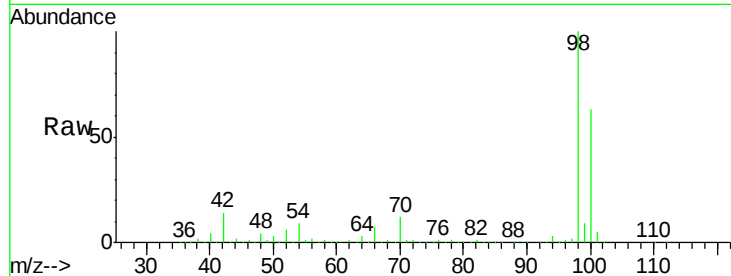




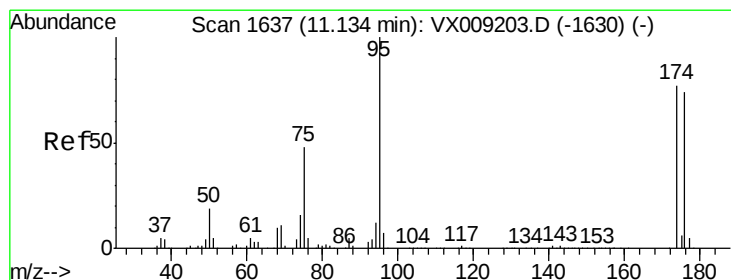
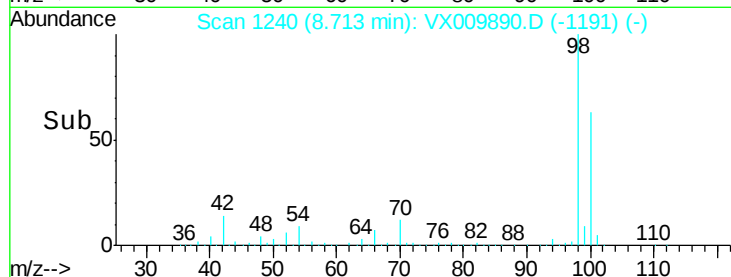
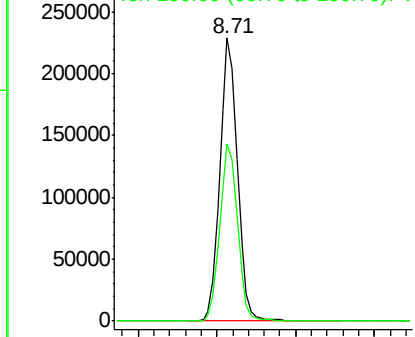
#50
Toluene-d8
Concen: 50.215 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009890.D
Acq: 24 May 2019 16:34

Instrument :
MSVOA_X
ClientSampled :
S32-0652

Tot Ion: 98 Resp: 356376
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8

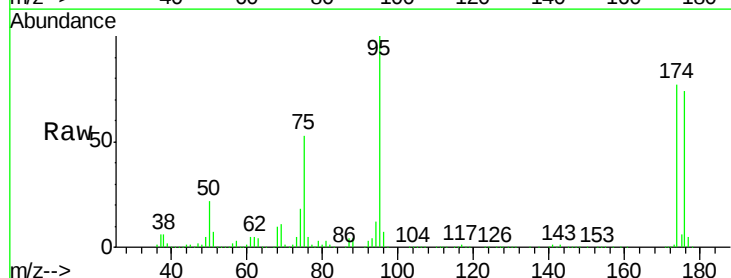


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

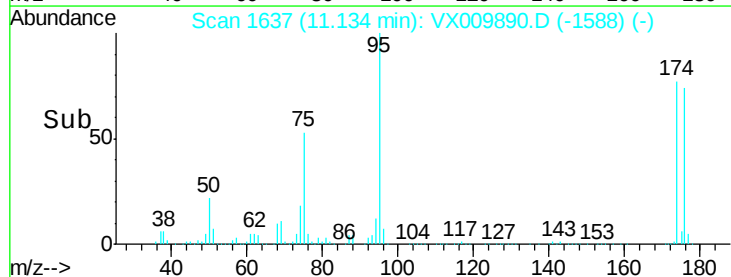
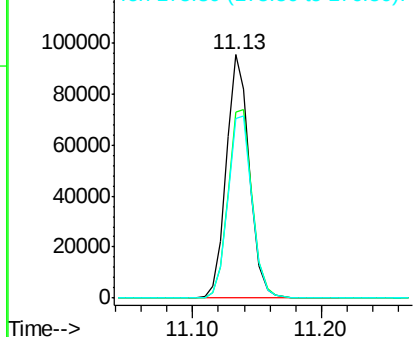


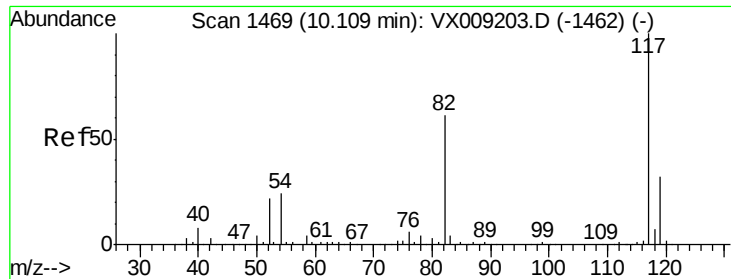
#62
4-Bromofluorobenzene
Concen: 46.570 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009890.D
Acq: 24 May 2019 16:34

Tgt Ion: 95 Resp: 120092
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.6
176 78.4 0.0 159.2



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

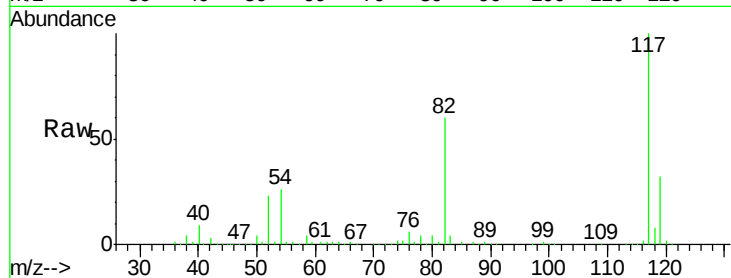




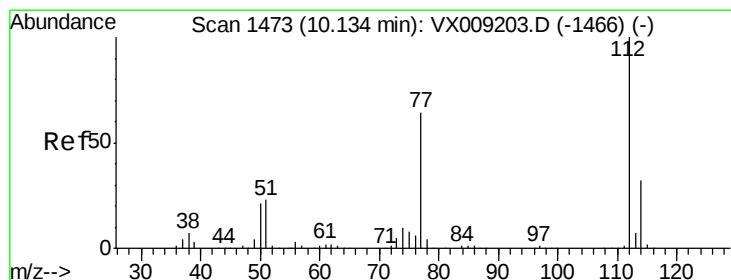
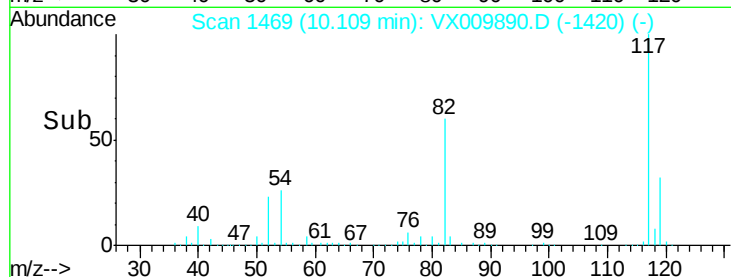
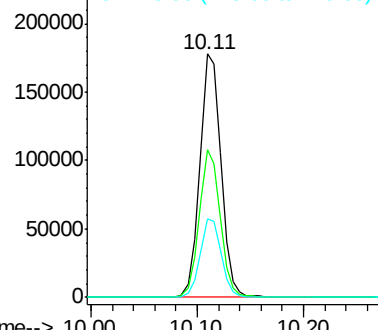
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009890.D
Acq: 24 May 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :
S32-0652

Tot Ion:117 Resp: 249772
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 32.2 25.8 38.6

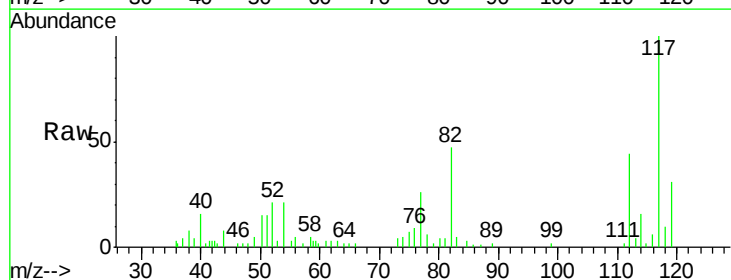


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

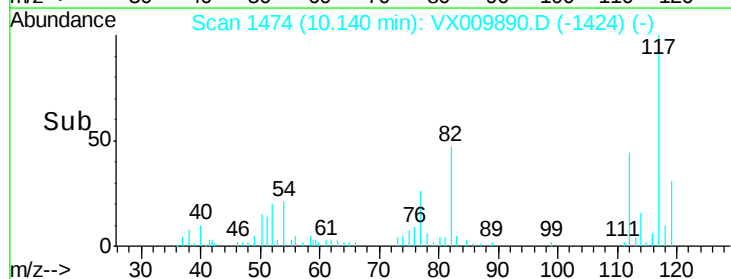
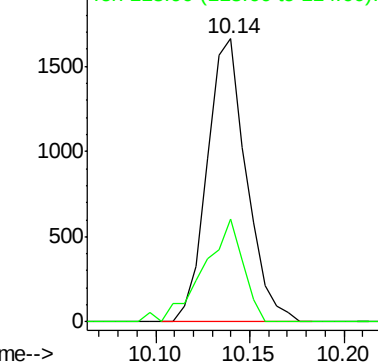


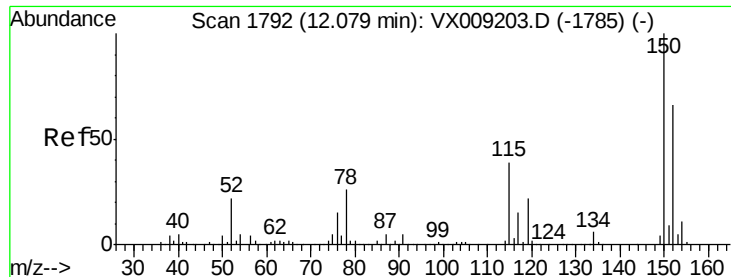
#65
Chlorobenzene
Concen: 0.481 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009890.D
Acq: 24 May 2019 16:34

Tgt Ion:112 Resp: 2403
Ion Ratio Lower Upper
112 100
114 36.3 25.5 38.3



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

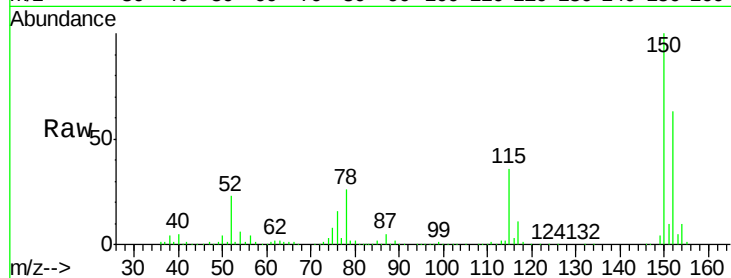




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009890.D
 Acq: 24 May 2019 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0652

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.2	123.6
150	157.2	0.0	346.4



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

