

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009891.D
 Acq On : 24 May 2019 16:57
 Operator : JC/SP
 Sample : K3032-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0653

Quant Time: May 25 01:31:28 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	5.66	168	176297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112713	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	122696	50.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.96%	
35) Dibromofluoromethane	5.50	113	87820	49.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.62%	
50) Toluene-d8	8.71	98	362878	50.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	124121	47.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.00%	

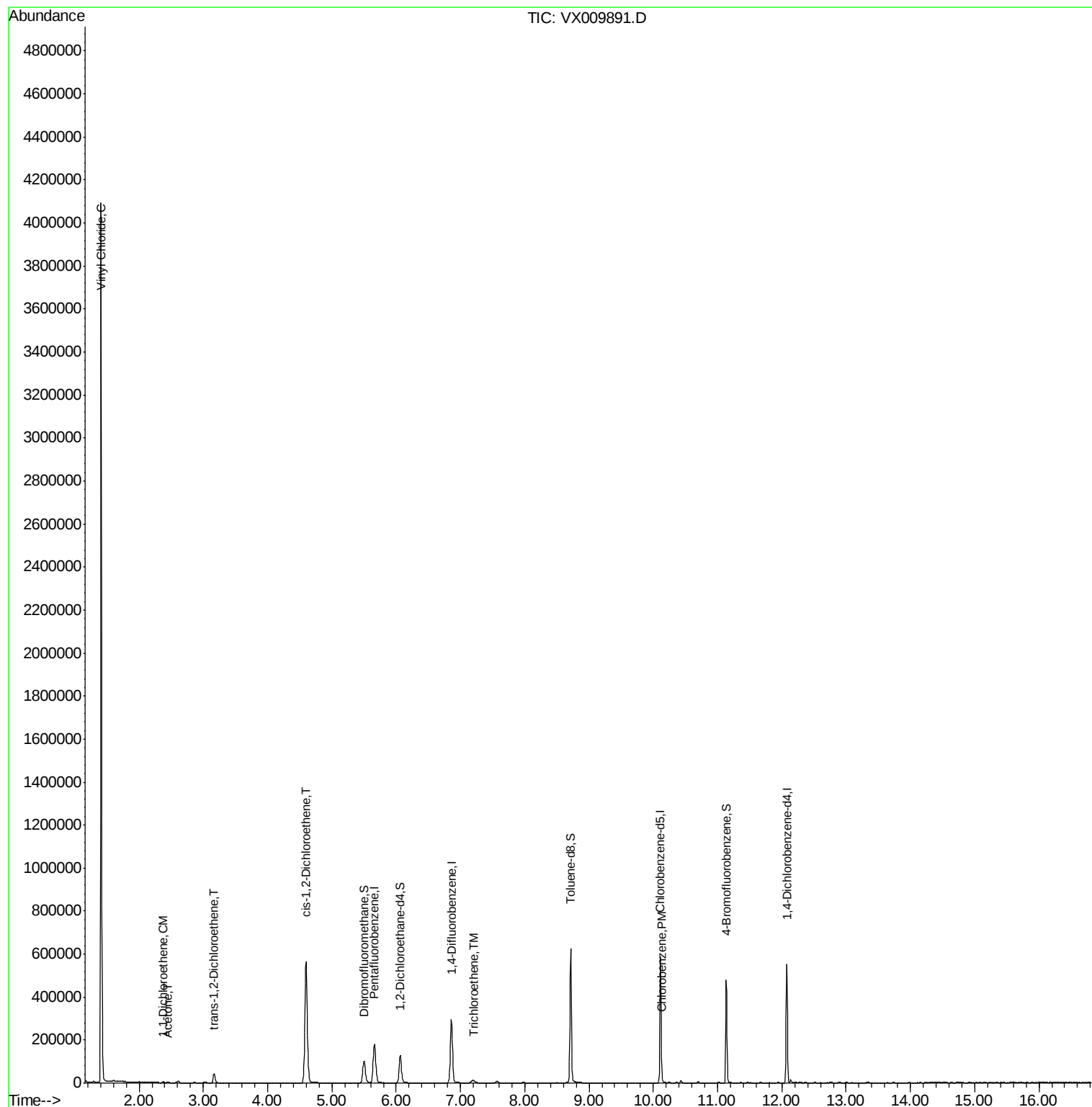
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	2889003	1335.749	ug/l	96
12) 1,1-Dichloroethene	2.37	96	1634	0.988	ug/l	86
16) Acetone	2.45	43	3852	2.981	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	16702	9.310	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	339238	158.427	ug/l	92
44) Trichloroethene	7.21	130	2271	1.153	ug/l	99
65) Chlorobenzene	10.13	112	2042	0.398	ug/l	100

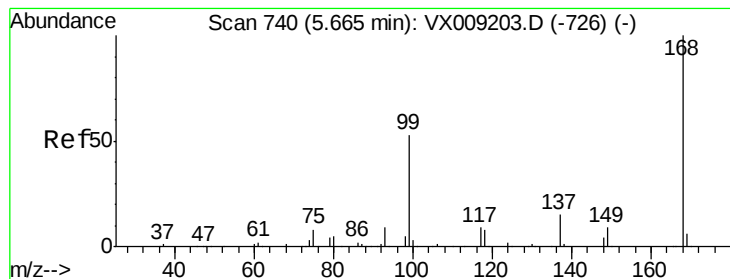
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

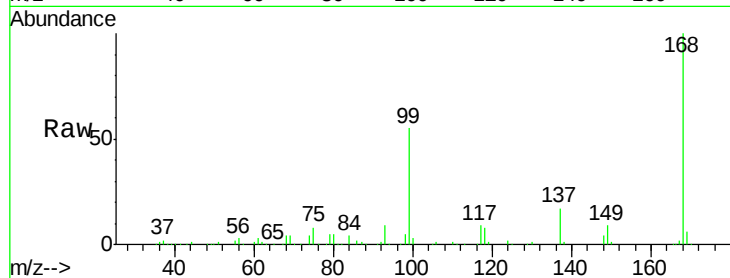
S32-0653

Tot Ion:168 Resp: 176297

Ion Ratio Lower Upper

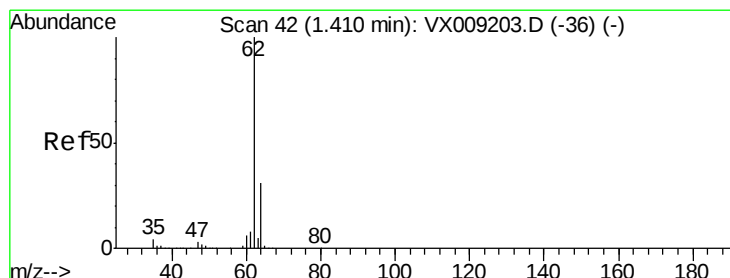
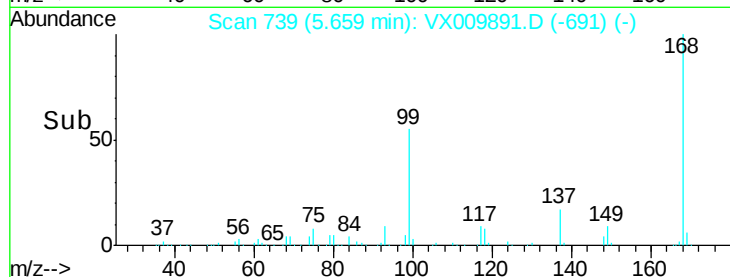
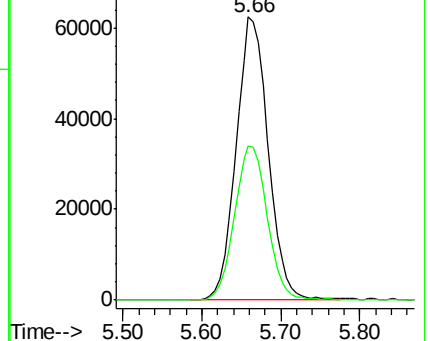
168 100

99 54.5 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: 1335.749 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009891.D

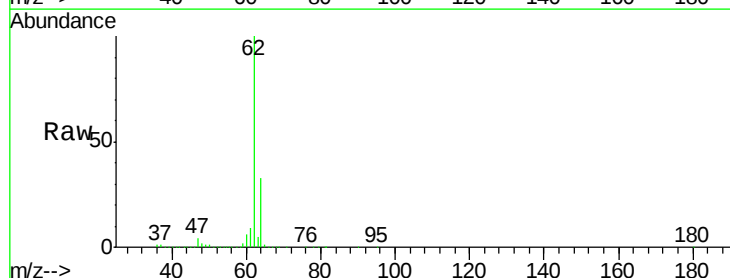
Acq: 24 May 2019 16:57

Tgt Ion: 62 Resp: 2889003

Ion Ratio Lower Upper

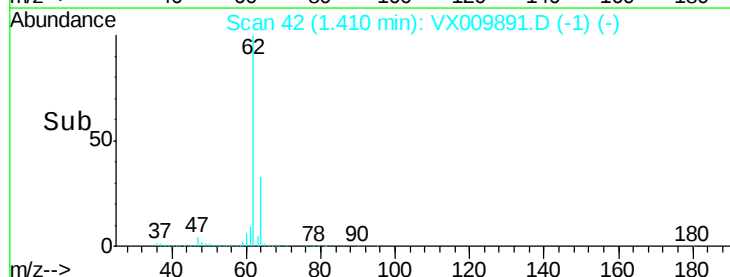
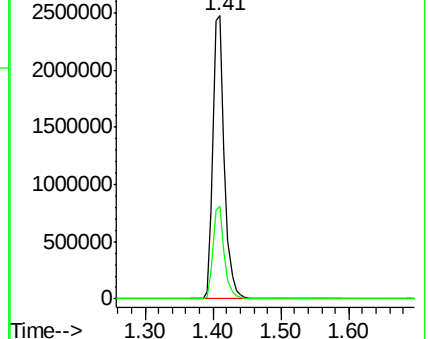
62 100

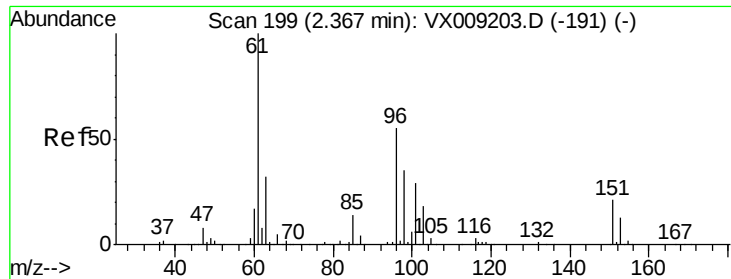
64 32.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.988 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

S32-0653

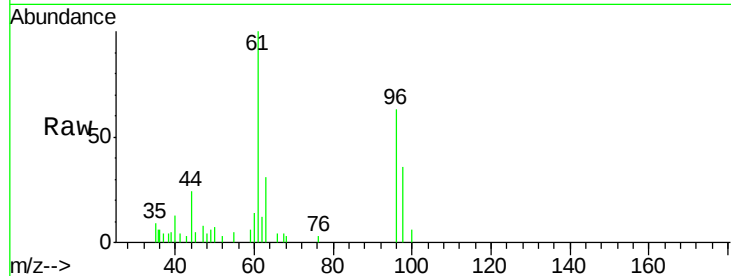
Tot Ion: 96 Resp: 1634

Ion Ratio Lower Upper

96 100

61 157.8 144.3 216.5

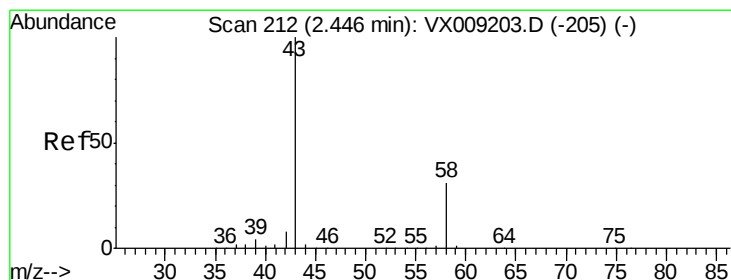
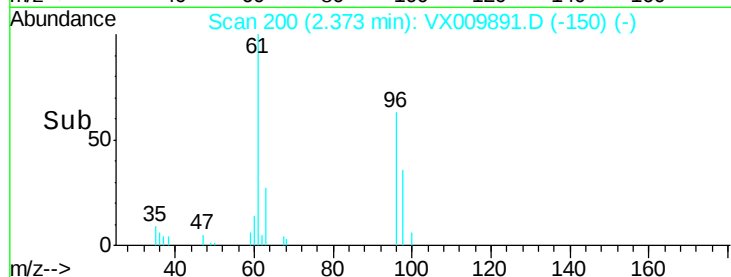
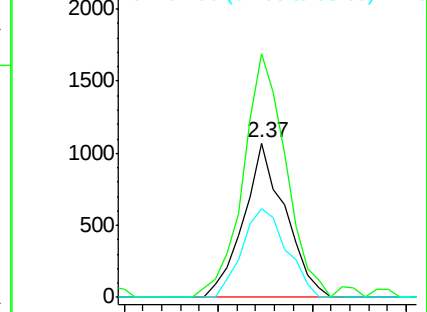
98 57.4 50.3 75.5



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



#16

Acetone

Concen: 2.981 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009891.D

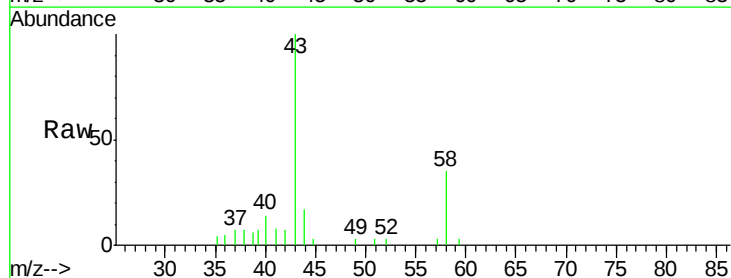
Acq: 24 May 2019 16:57

Tgt Ion: 43 Resp: 3852

Ion Ratio Lower Upper

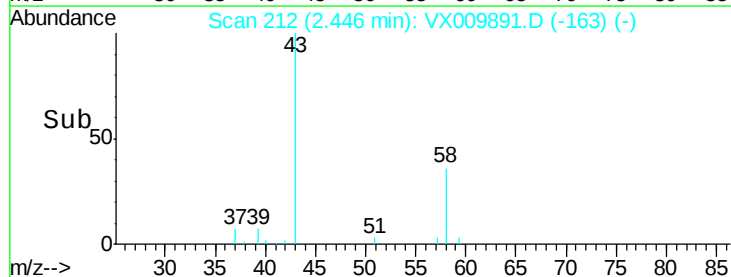
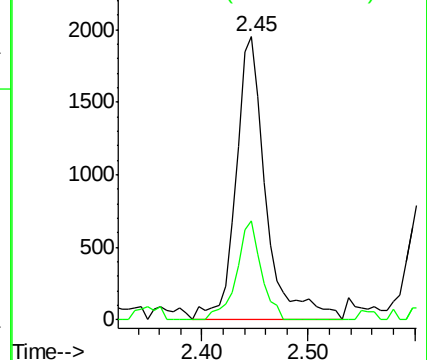
43 100

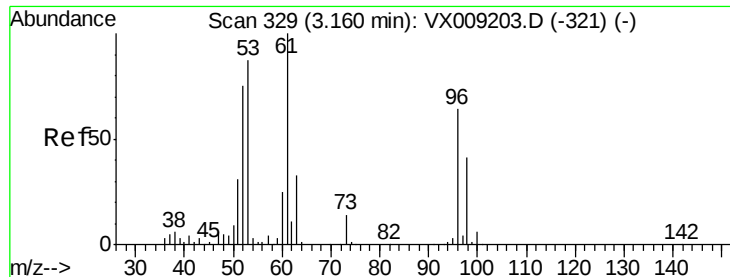
58 34.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 9.310 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

S32-0653

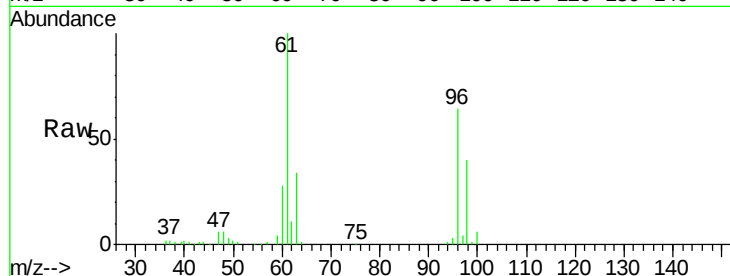
Tot Ion: 96 Resp: 16702

Ion Ratio Lower Upper

96 100

61 156.7 124.5 186.7

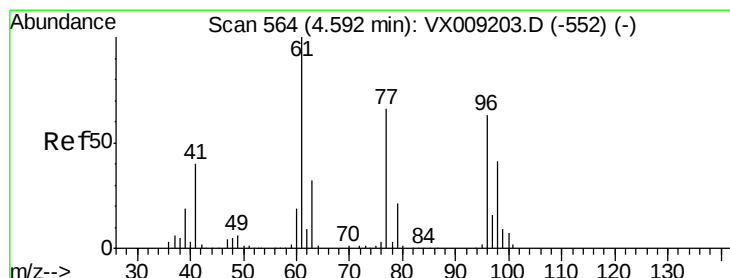
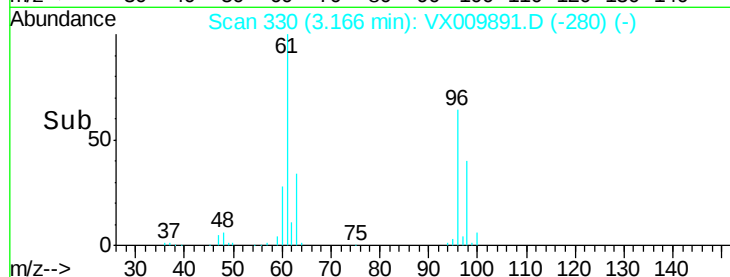
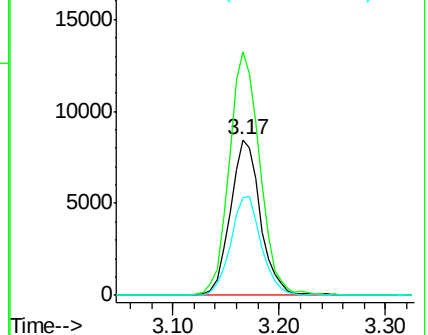
98 62.7 50.4 75.6



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: 158.427 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

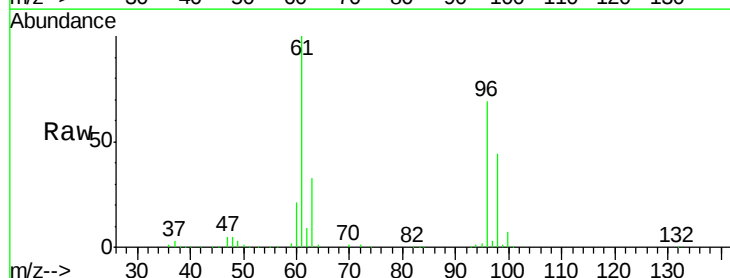
Tgt Ion: 96 Resp: 339238

Ion Ratio Lower Upper

96 100

61 147.2 0.0 324.0

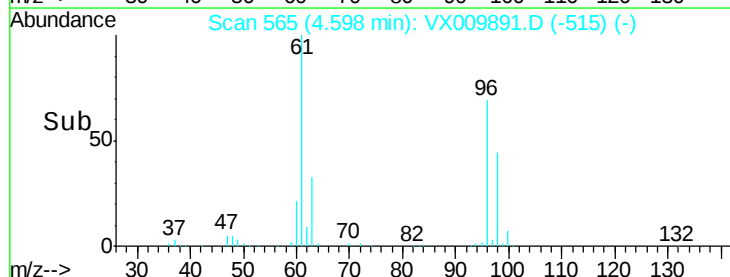
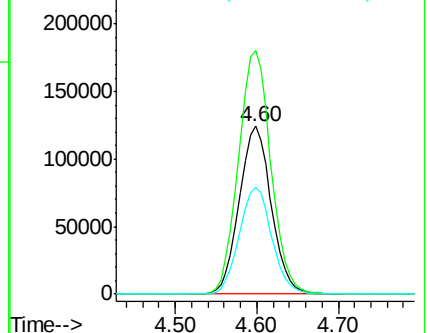
98 64.6 0.0 130.4

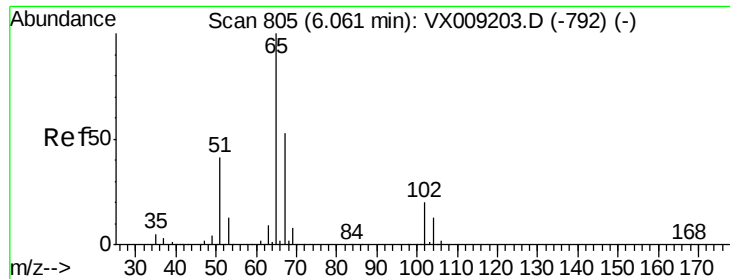


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.982 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

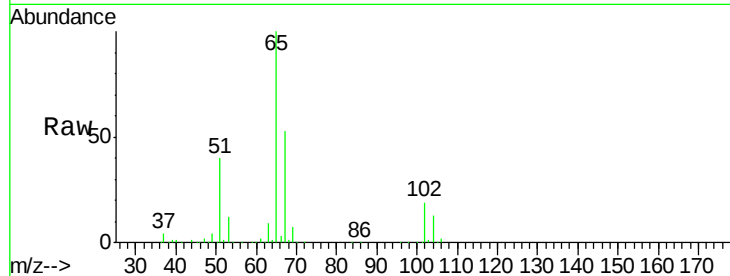
S32-0653

Tot Ion: 65 Resp: 122696

Ion Ratio Lower Upper

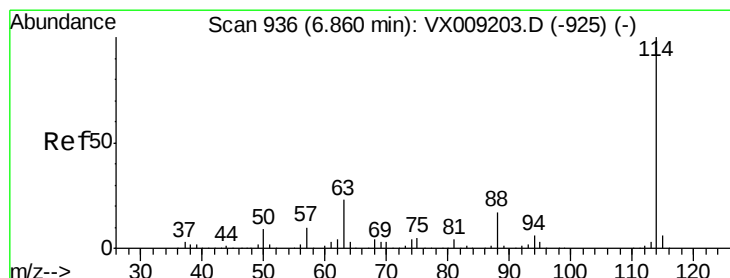
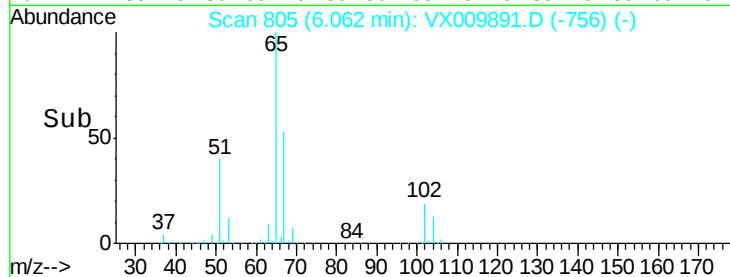
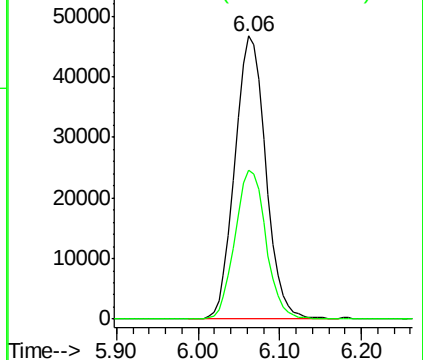
65 100

67 52.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

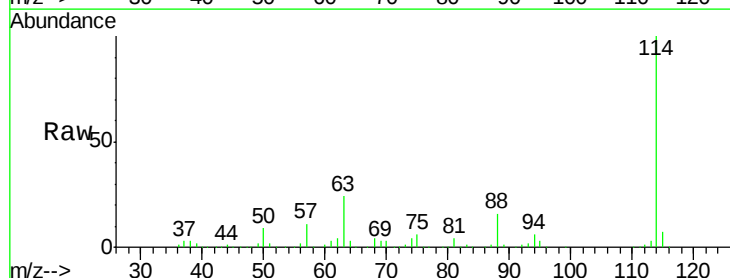
Tgt Ion: 114 Resp: 283326

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.6

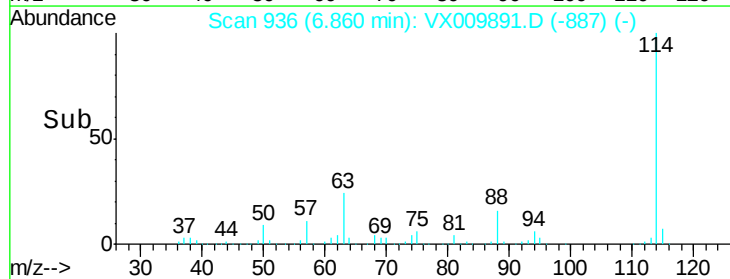
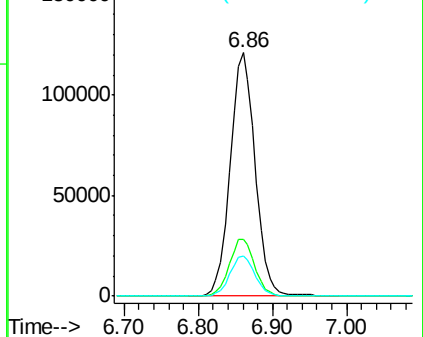
88 16.4 0.0 33.2

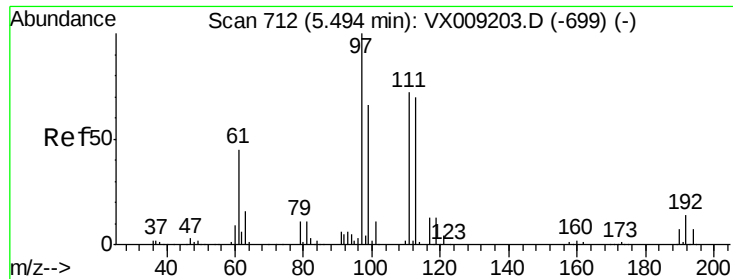


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

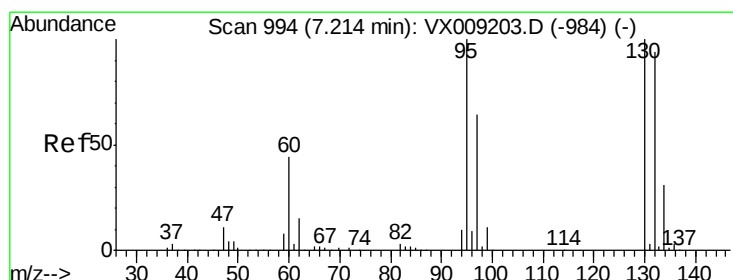
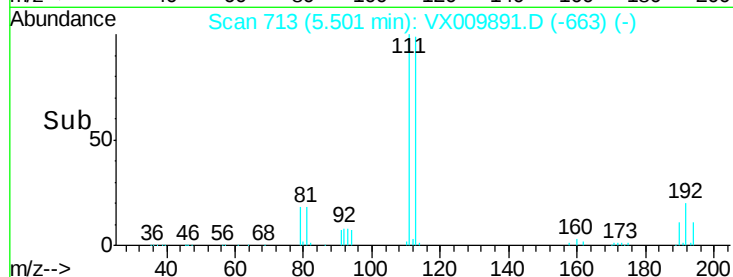
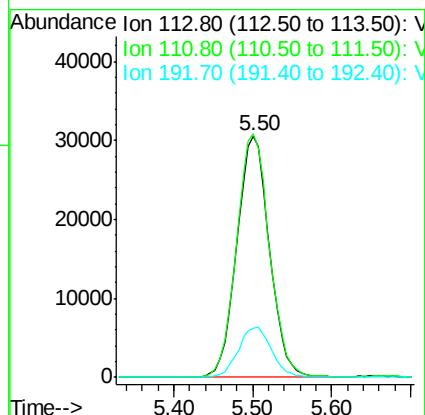
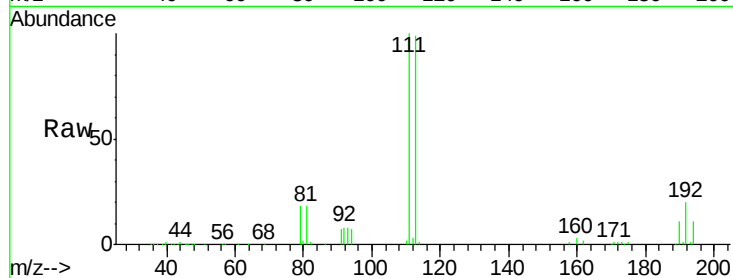




#35
 Dibromofluoromethane
 Concen: 49.307 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009891.D
 Acq: 24 May 2019 16:57

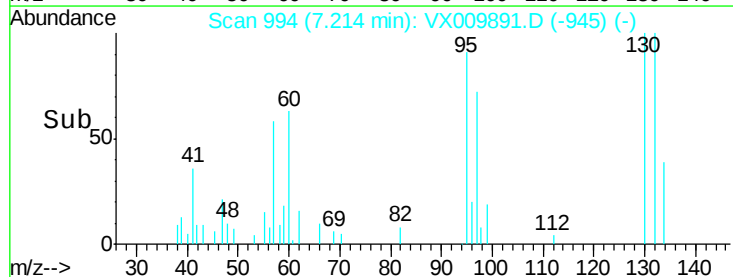
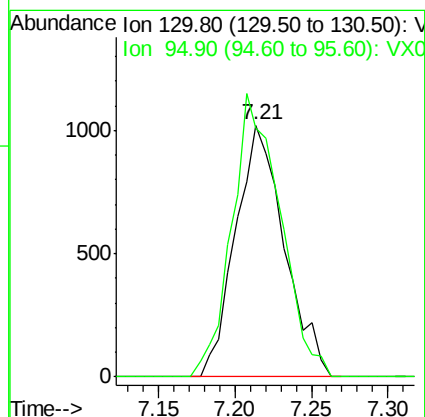
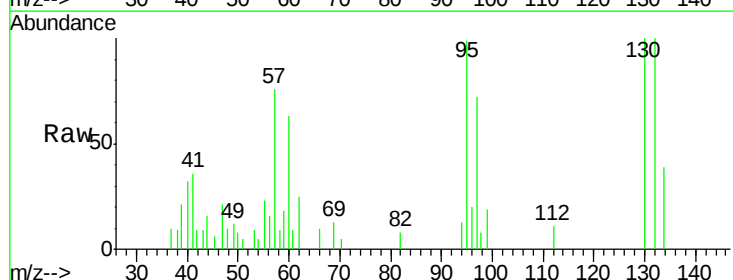
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0653

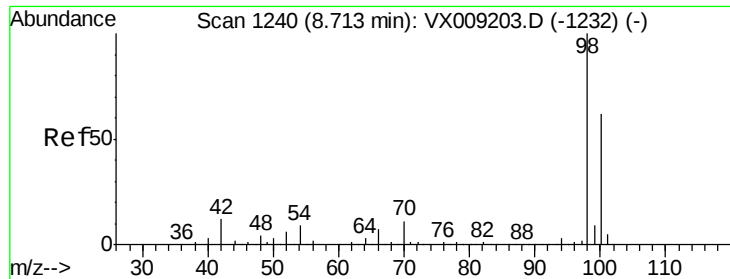
Tot Ion:113 Resp: 87820
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.8 124.2
 192 21.1 17.0 25.6



#44
 Trichloroethene
 Concen: 1.153 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009891.D
 Acq: 24 May 2019 16:57

Tgt Ion:130 Resp: 2271
 Ion Ratio Lower Upper
 130 100
 95 99.0 0.0 199.2





#50

Toluene-d8

Concen: 50.465 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

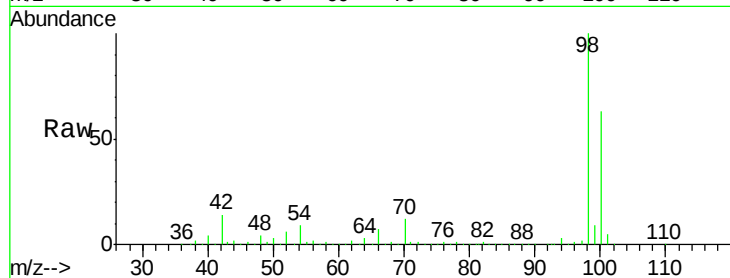
S32-0653

Tot Ion: 98 Resp: 362878

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

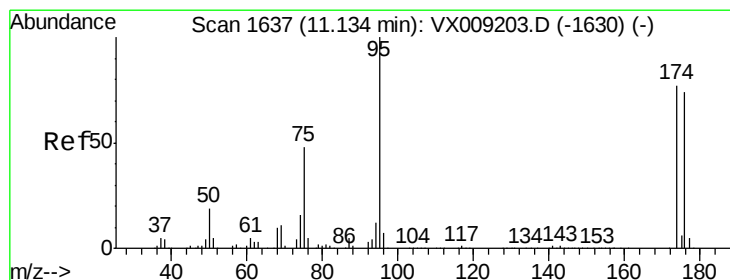
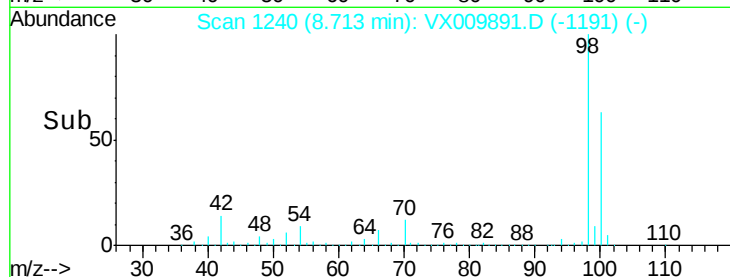
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

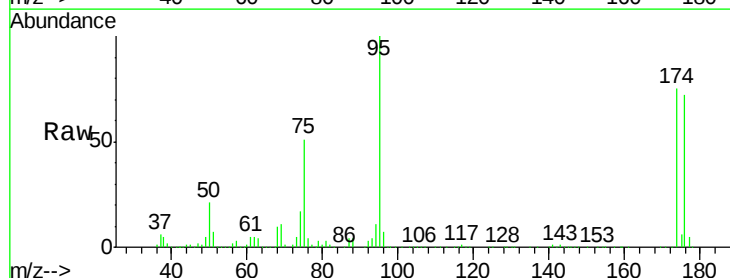
Tgt Ion: 95 Resp: 124121

Ion Ratio Lower Upper

95 100

174 81.0 0.0 161.6

176 77.7 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

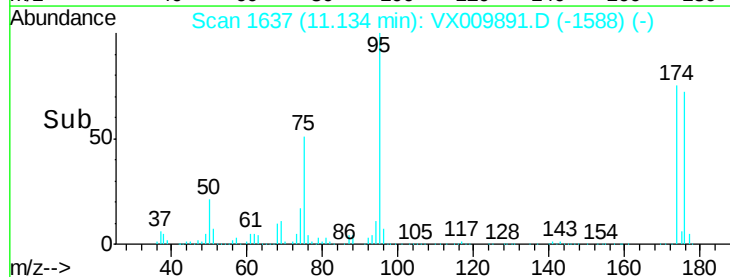
100000

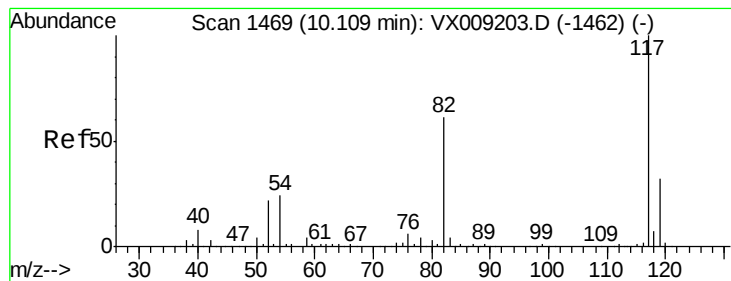
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009891.D

Acq: 24 May 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

S32-0653

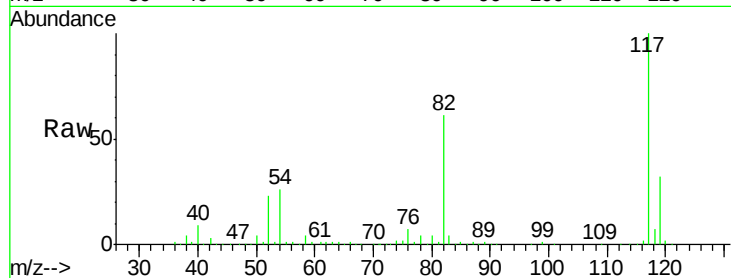
Tot Ion:117 Resp: 256539

Ion Ratio Lower Upper

117 100

82 61.2 48.8 73.2

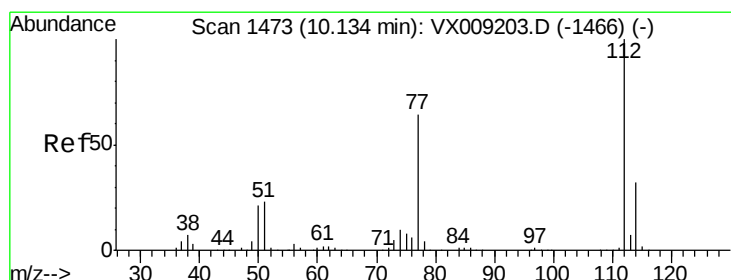
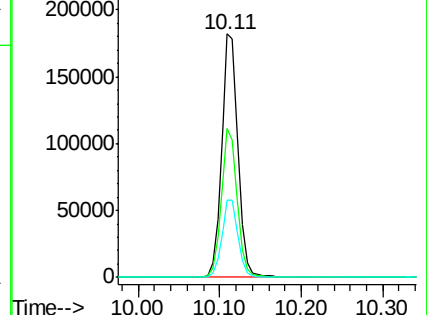
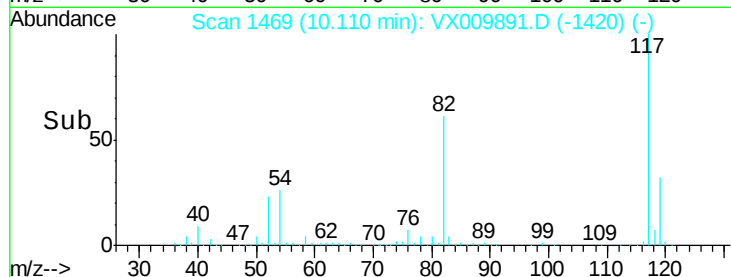
119 31.5 25.8 38.6



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: 0.398 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009891.D

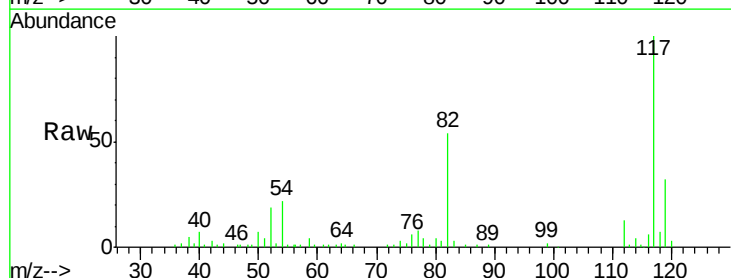
Acq: 24 May 2019 16:57

Tgt Ion:112 Resp: 2042

Ion Ratio Lower Upper

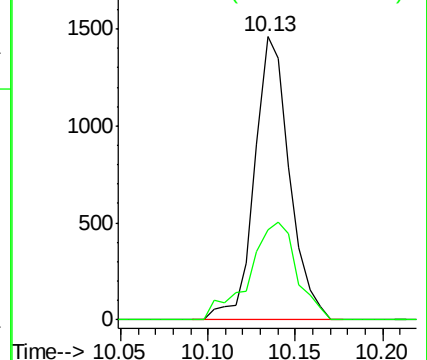
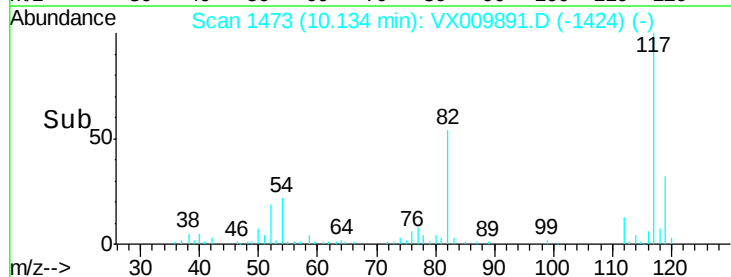
112 100

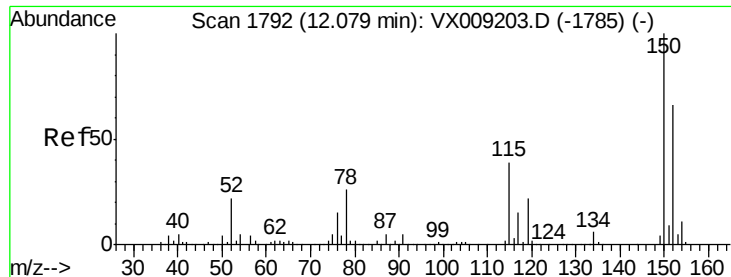
114 32.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

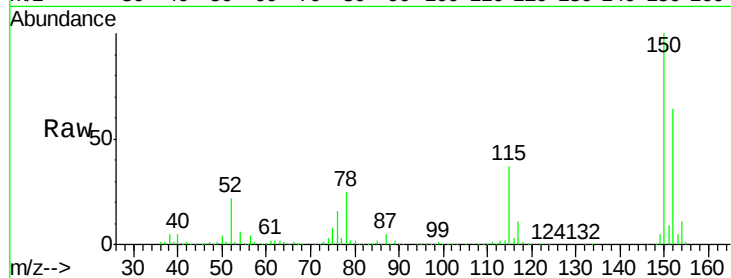




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009891.D
 Acq: 24 May 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0653

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.2	123.6
150	156.1	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

