

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001881.D
 Acq On : 21 May 2018 16:52
 Operator : JC/MD
 Sample : J2986-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0459-180514

Quant Time: May 22 10:50:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	255992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113370	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169828	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
35) Dibromofluoromethane	5.51	113	152959	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	8.72	98	462565	43.24	ug/l	0.00
Spiked Amount			Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.15	95	137697	35.75	ug/l	0.00
Spiked Amount			Recovery	=	71.50%	

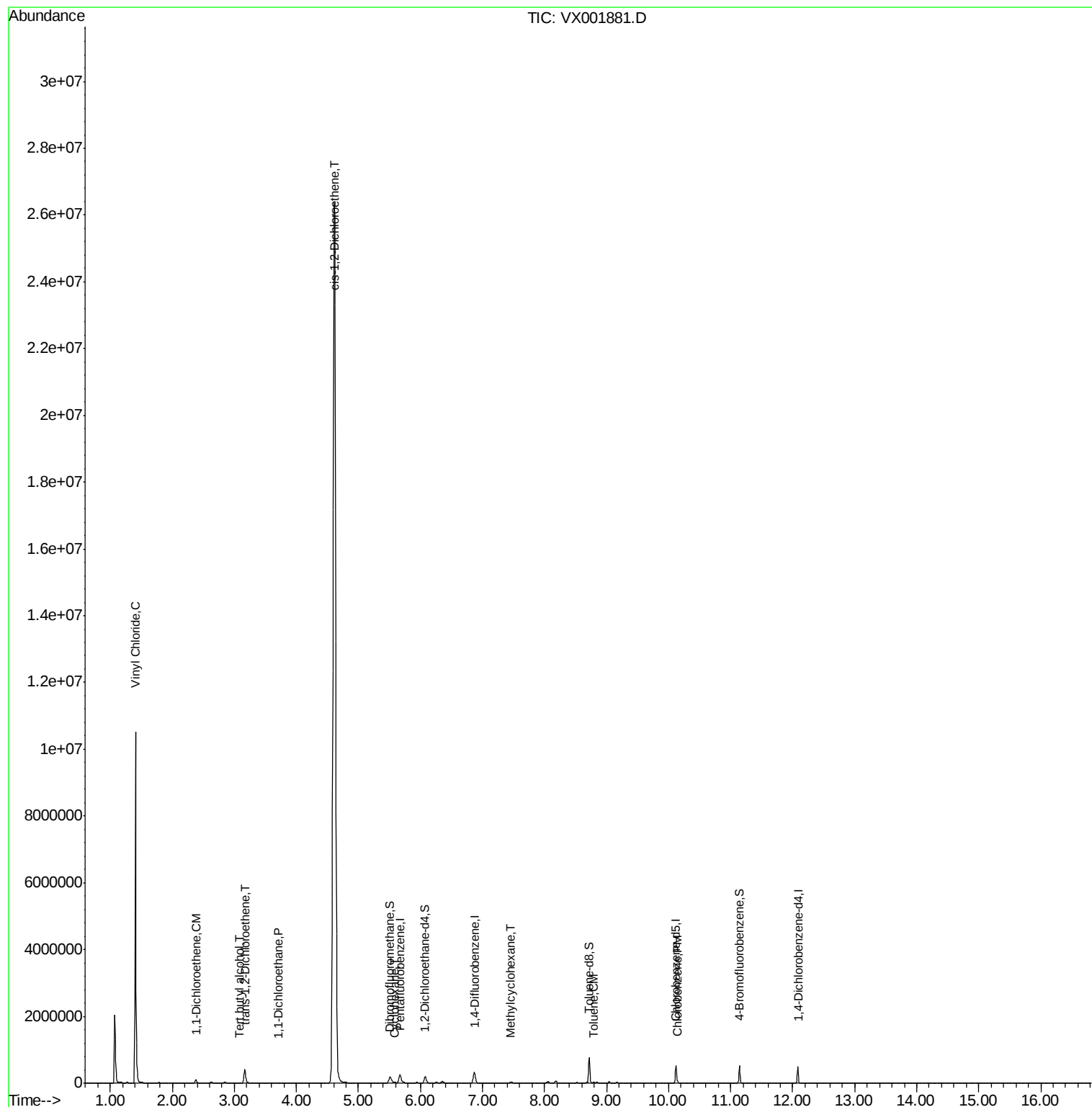
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	7247763	2312.155	ug/l	92
11) Tert butyl alcohol	3.08	59	4989	7.838	ug/l	97
12) 1,1-Dichloroethene	2.38	96	36217	13.700	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	188952	64.882	ug/l	97
24) 1,1-Dichloroethane	3.70	63	2496	0.486	ug/l	93
27) cis-1,2-Dichloroethene	4.61	96	19411051	5857.405	ug/l	84
31) Cyclohexane	5.57	56	14883	3.303	ug/l	99
39) Methylcyclohexane	7.46	83	12130	2.548	ug/l	91
52) Toluene	8.79	92	7540	0.978	ug/l	96
65) Chlorobenzene	10.15	112	24177	3.434	ug/l	99

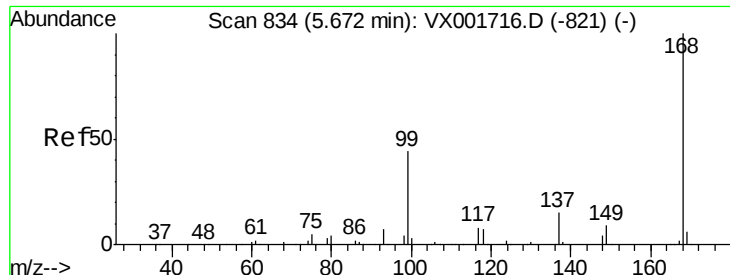
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
Data File : VX001881.D
Acq On : 21 May 2018 16:52
Operator : JC/MD
Sample : J2986-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514

Quant Time: May 22 10:50:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

Instrument :

MSVOA_X

ClientSampleId :

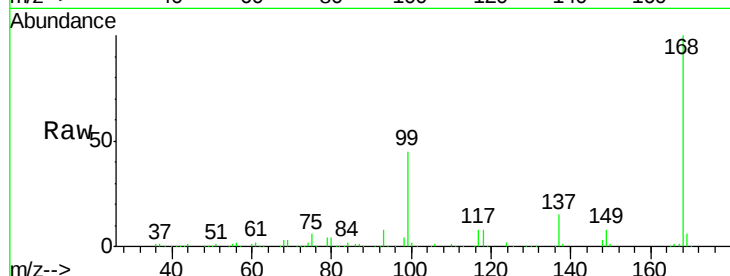
DUP-0459-180514

Tot Ion:168 Resp: 267468

Ion Ratio Lower Upper

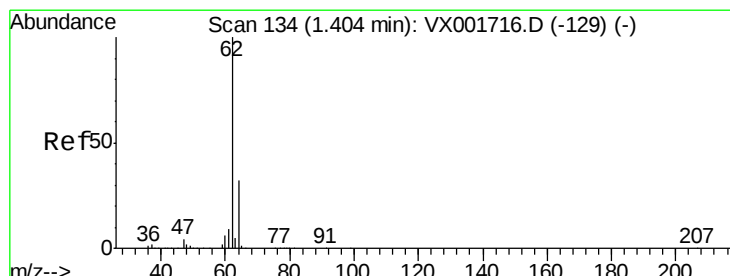
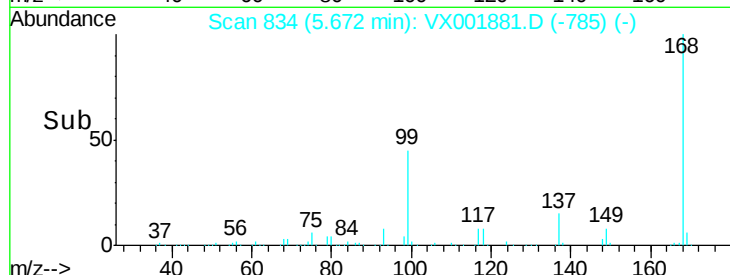
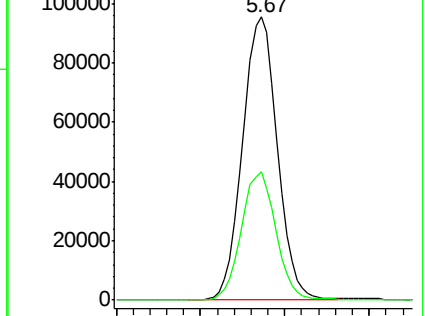
168 100

99 45.2 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2312.155 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001881.D

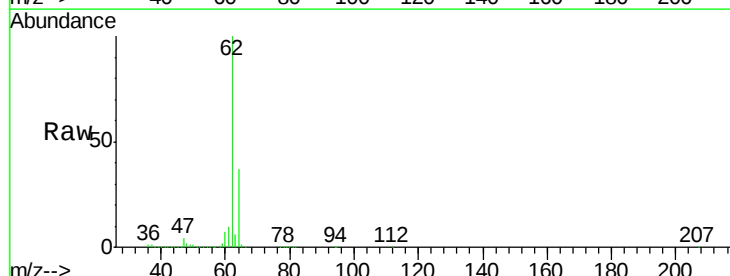
Acq: 21 May 2018 16:52

Tgt Ion: 62 Resp: 7247763

Ion Ratio Lower Upper

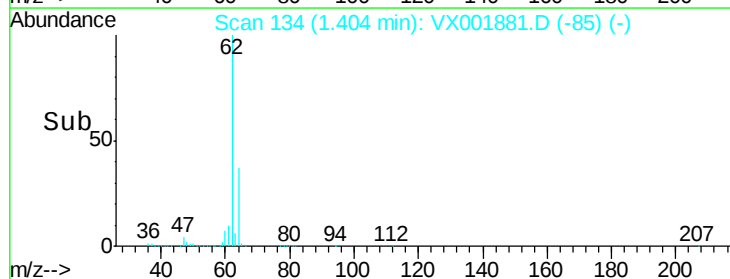
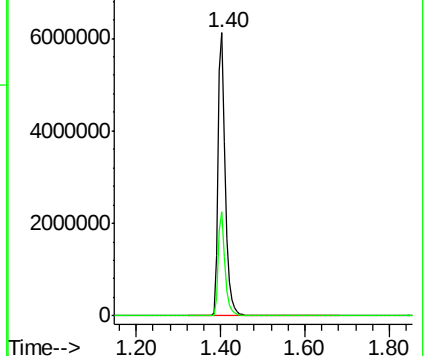
62 100

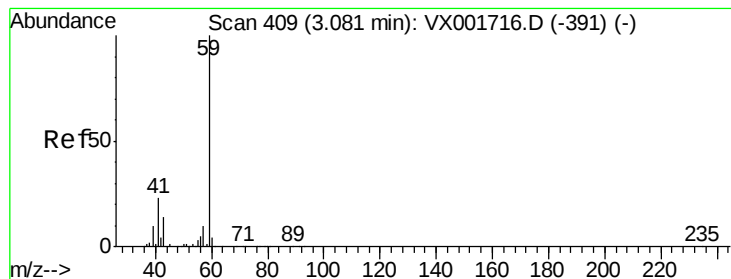
64 36.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



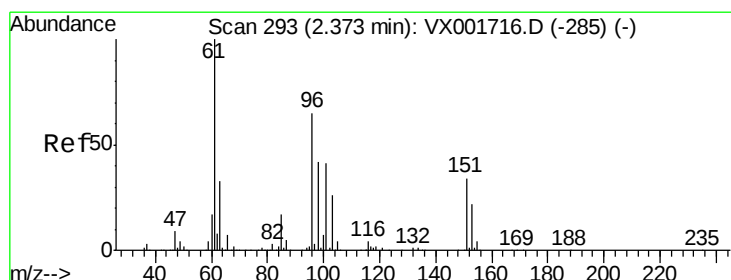
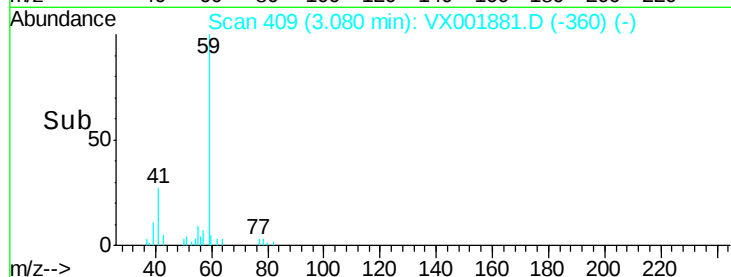
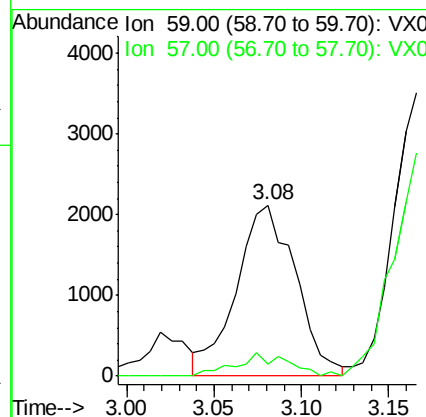
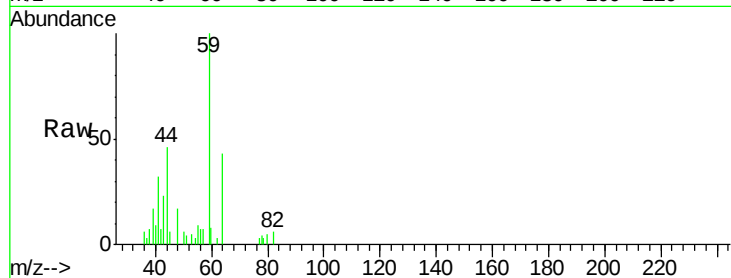


#11

Tert butyl alcohol
 Concen: 7.838 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001881.D
 Acq: 21 May 2018 16:52

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0459-180514

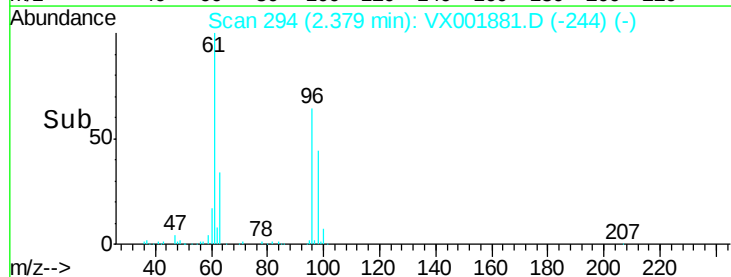
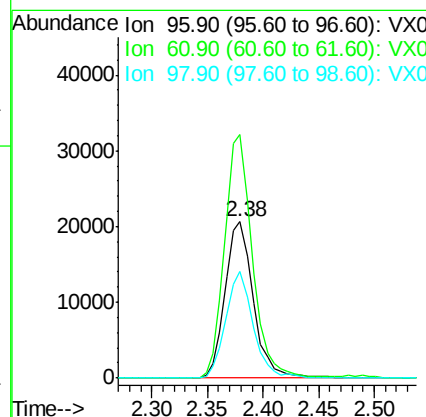
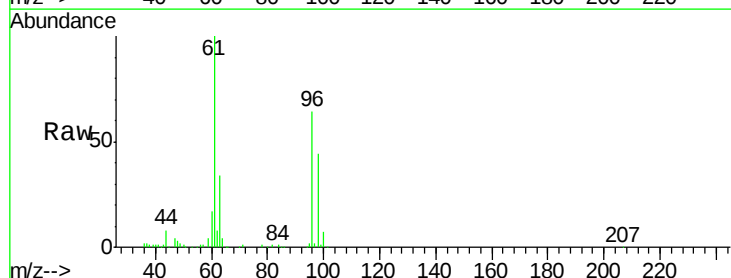
Tot Ion: 59 Resp: 4989
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.5 12.7

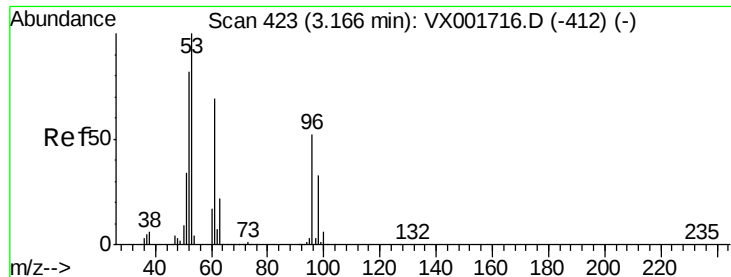


#12

1,1-Dichloroethene
 Concen: 13.700 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001881.D
 Acq: 21 May 2018 16:52

Tgt Ion: 96 Resp: 36217
 Ion Ratio Lower Upper
 96 100
 61 155.7 122.2 183.2
 98 68.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 64.882 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

Instrument :

MSVOA_X

ClientSampleId :

DUP-0459-180514

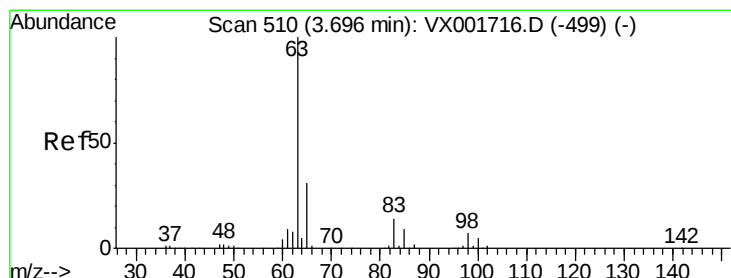
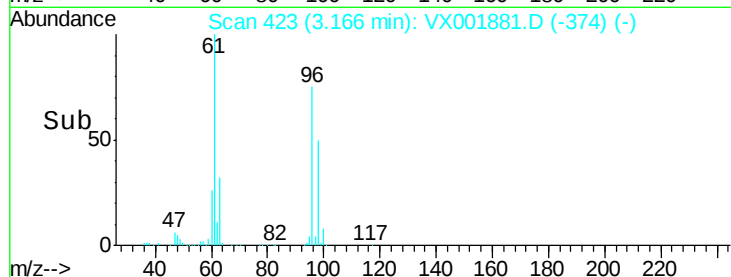
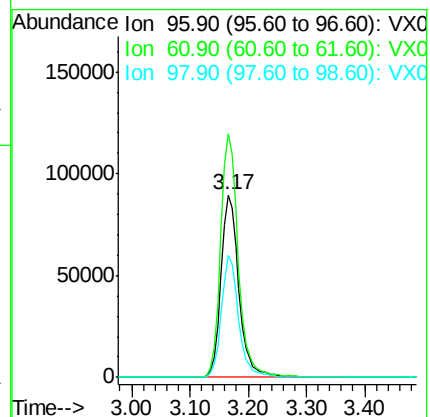
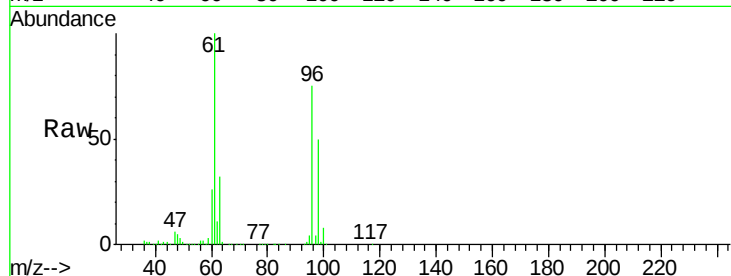
Tot Ion: 96 Resp: 188952

Ion Ratio Lower Upper

96 100

61 133.6 105.8 158.8

98 67.1 50.2 75.4



#24

1,1-Dichloroethane

Concen: 0.486 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

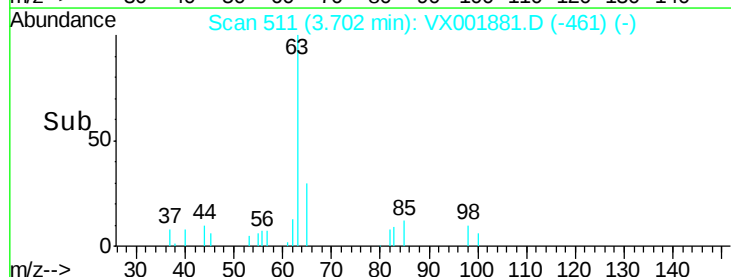
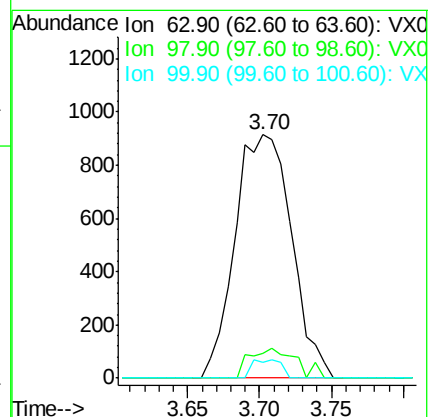
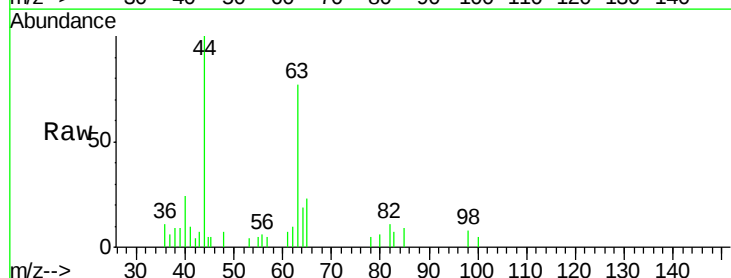
Tgt Ion: 63 Resp: 2496

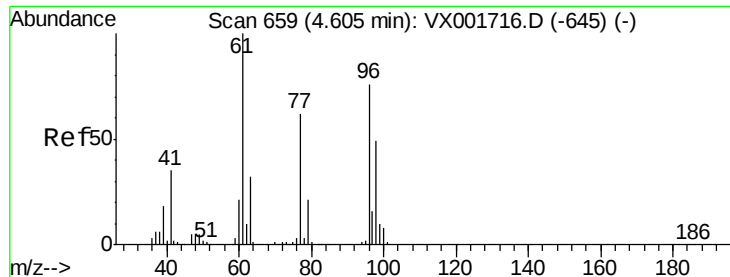
Ion Ratio Lower Upper

63 100

98 10.3 3.7 11.1

100 6.4 2.4 7.2



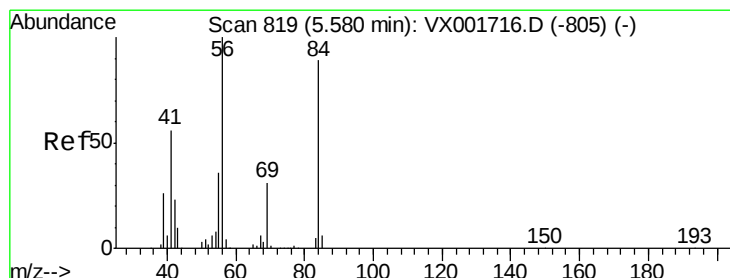
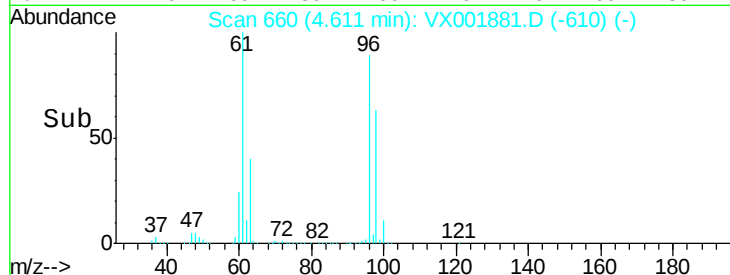
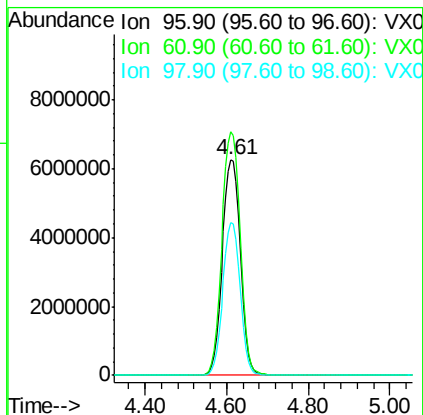
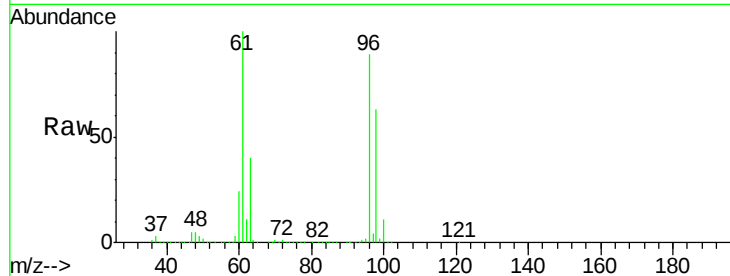


#27

cis-1,2-Dichloroethene
 Concen: 5857.405 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX001881.D
 Acq: 21 May 2018 16:52

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0459-180514

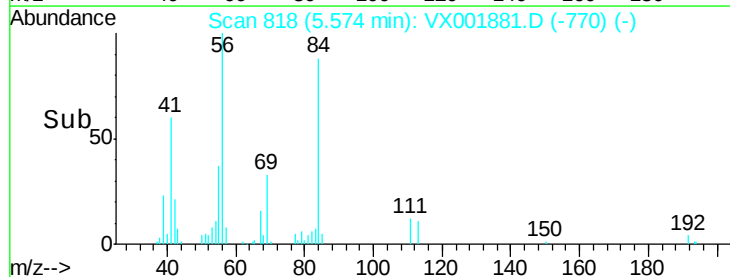
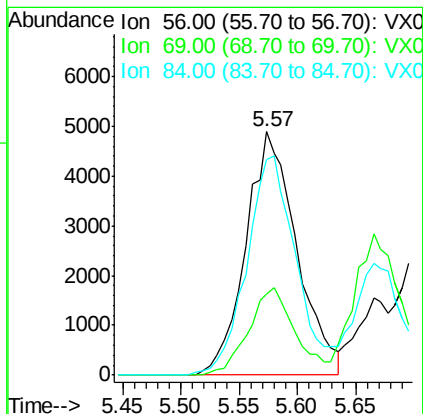
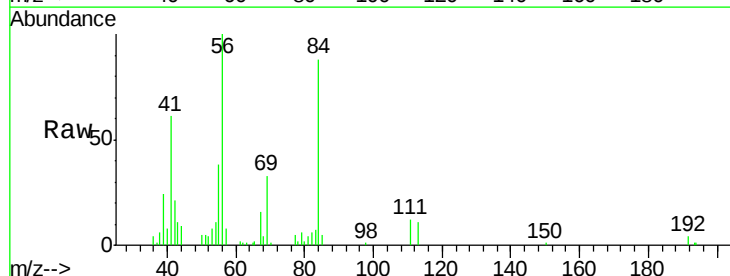
Tot Ion: 96 Resp:19411051
 Ion Ratio Lower Upper
 96 100
 61 114.8 0.0 280.4
 98 68.4 0.0 128.4

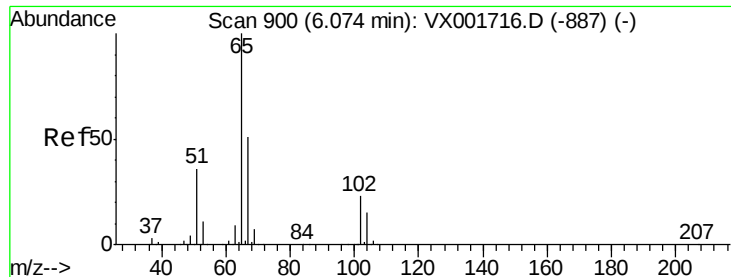


#31

Cyclohexane
 Concen: 3.303 ug/l
 RT: 5.57 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: VX001881.D
 Acq: 21 May 2018 16:52

Tgt Ion: 56 Resp: 14883
 Ion Ratio Lower Upper
 56 100
 69 33.0 25.0 37.6
 84 88.4 71.0 106.4





#33

1,2-Dichloroethane-d4

Concen: 47.370 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

Instrument :

MSVOA_X

ClientSampleId :

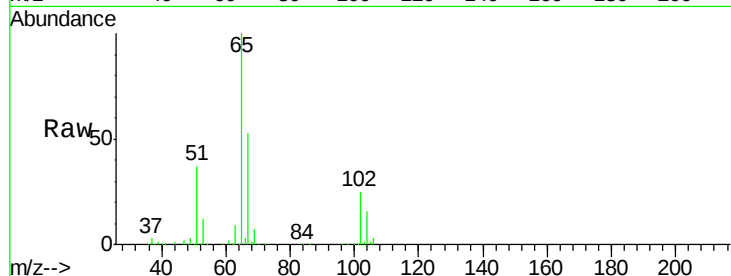
DUP-0459-180514

Tot Ion: 65 Resp: 169828

Ion Ratio Lower Upper

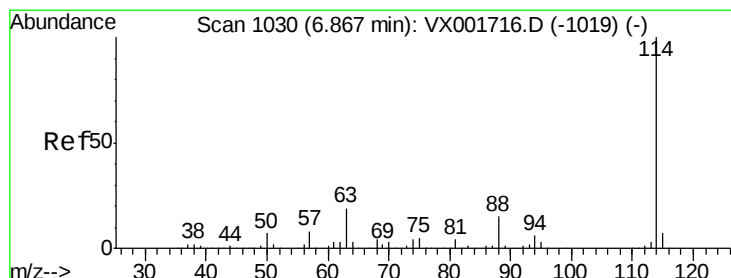
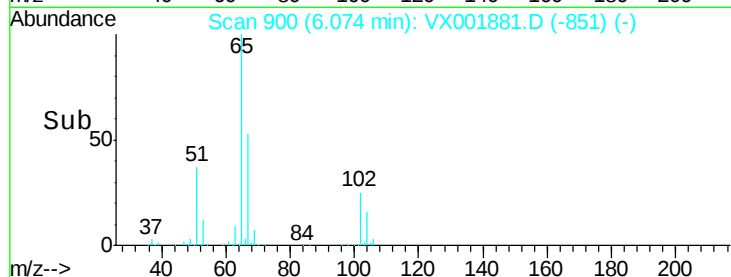
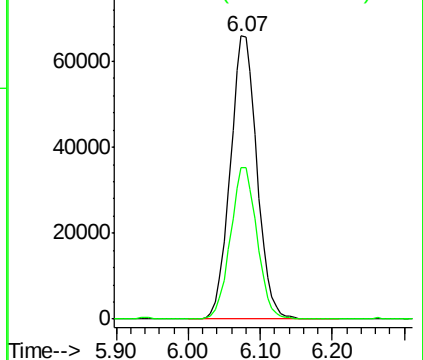
65 100

67 53.2 0.0 102.8



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: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

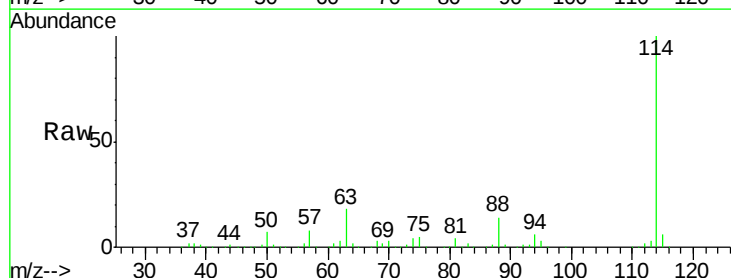
Tgt Ion: 114 Resp: 353900

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.0

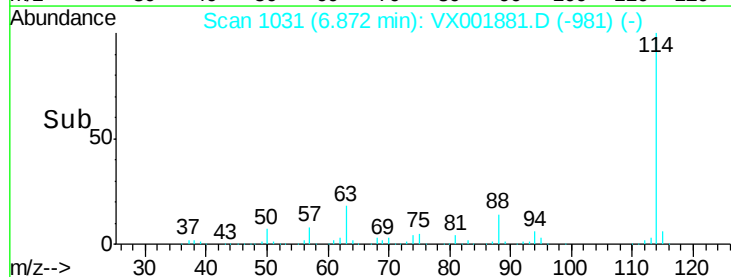
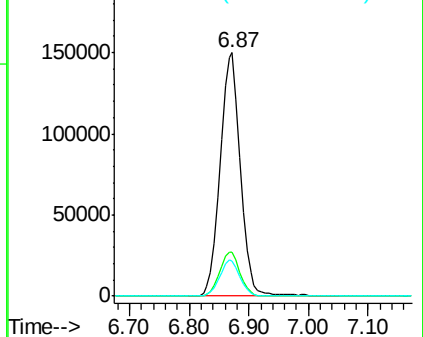
88 14.1 0.0 29.8

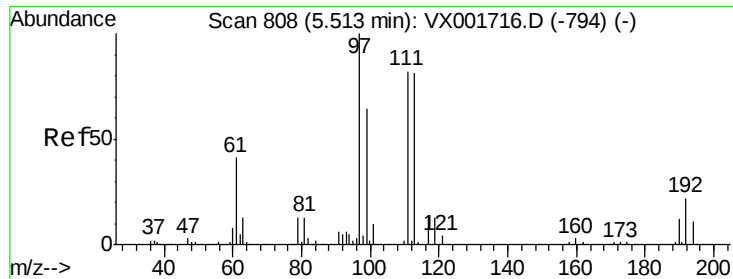


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

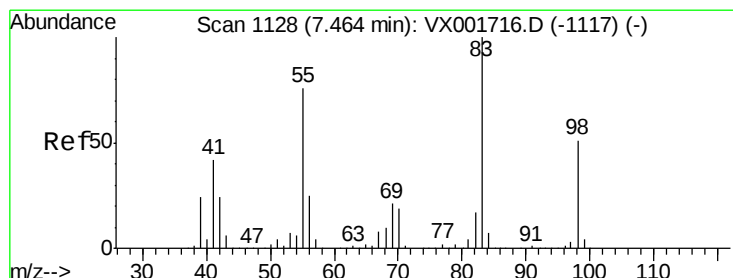
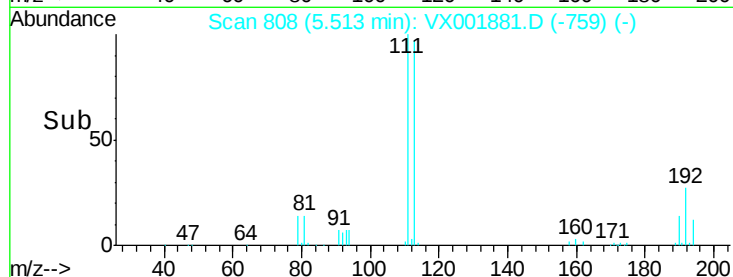
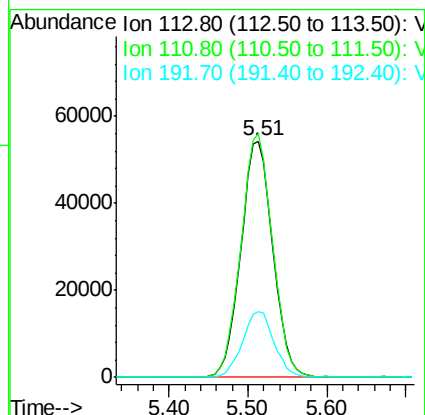
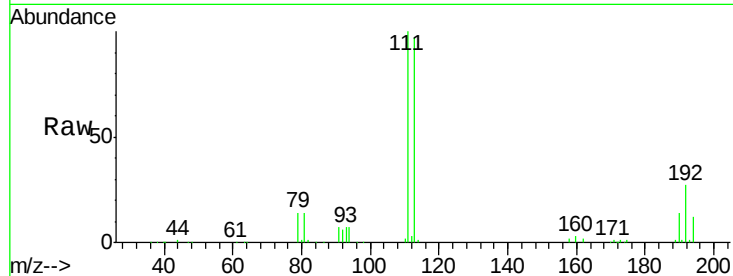




#35
Dibromofluoromethane
Concen: 51.215 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001881.D
Acq: 21 May 2018 16:52

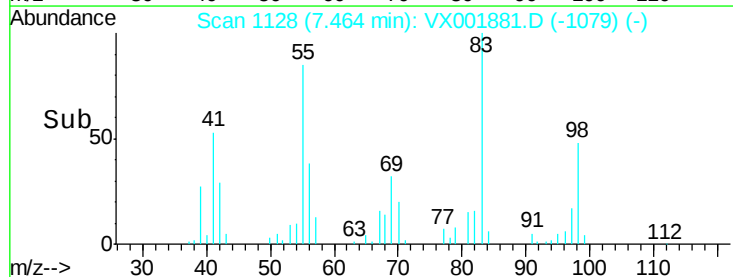
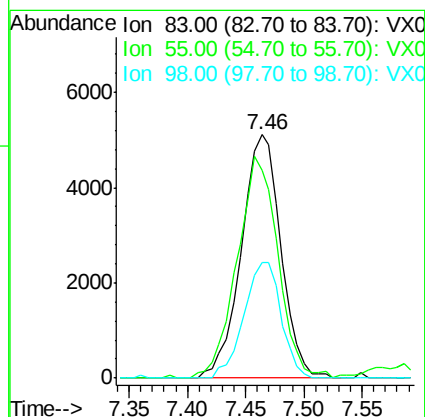
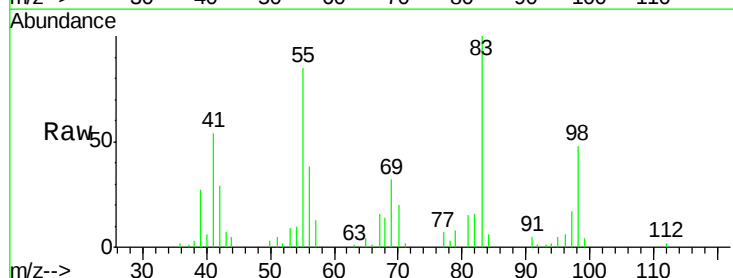
Instrument :
MSVOA_X
ClientSampleId :
DUP-0459-180514

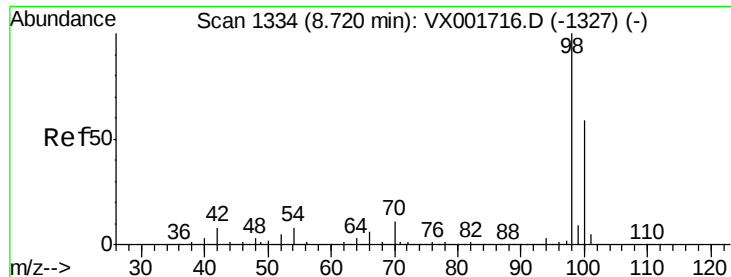
Tot Ion:113 Resp: 152959
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 27.6 21.6 32.4



#39
Methylcyclohexane
Concen: 2.548 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001881.D
Acq: 21 May 2018 16:52

Tgt Ion: 83 Resp: 12130
Ion Ratio Lower Upper
83 100
55 85.5 60.6 90.8
98 47.5 40.4 60.6





#50

Toluene-d8

Concen: 43.245 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

Instrument :

MSVOA_X

ClientSampleId :

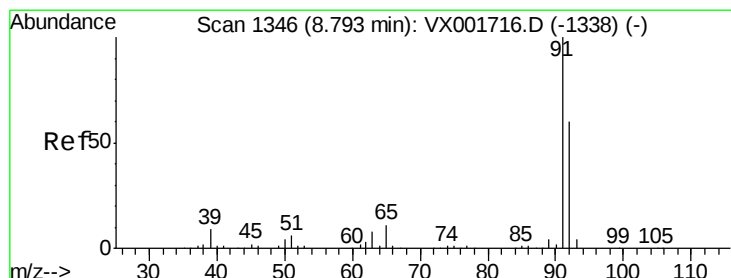
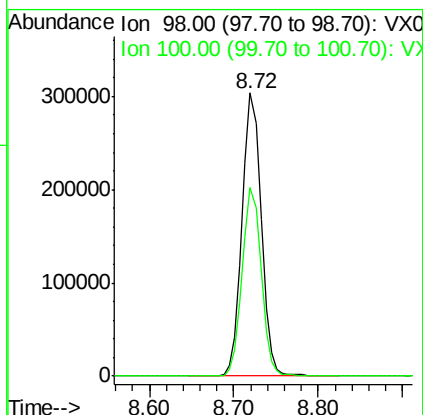
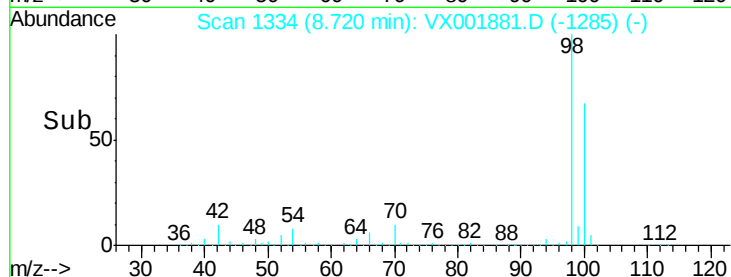
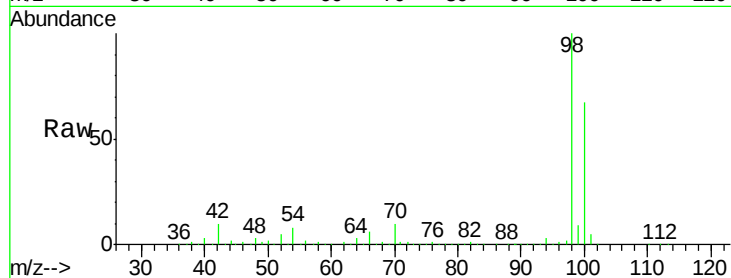
DUP-0459-180514

Tot Ion: 98 Resp: 462565

Ion Ratio Lower Upper

98 100

100 66.2 54.0 81.0



#52

Toluene

Concen: 0.978 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001881.D

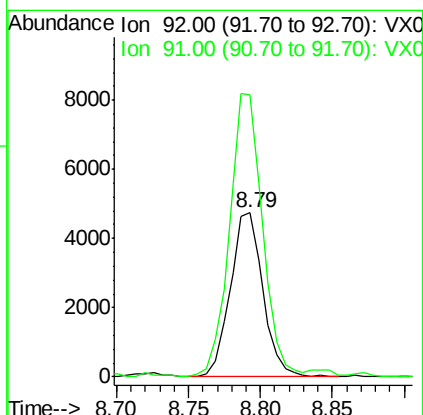
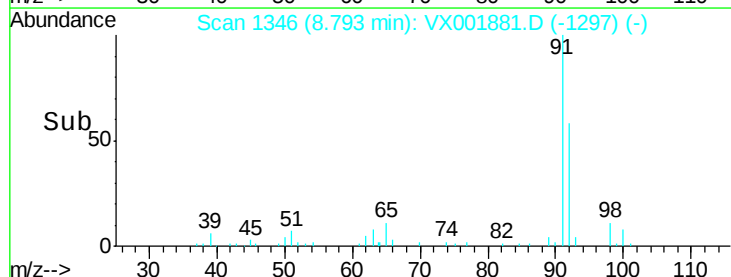
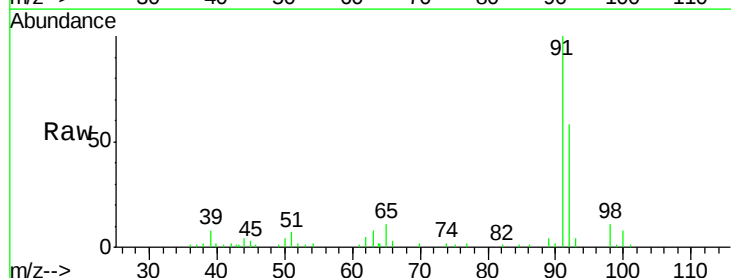
Acq: 21 May 2018 16:52

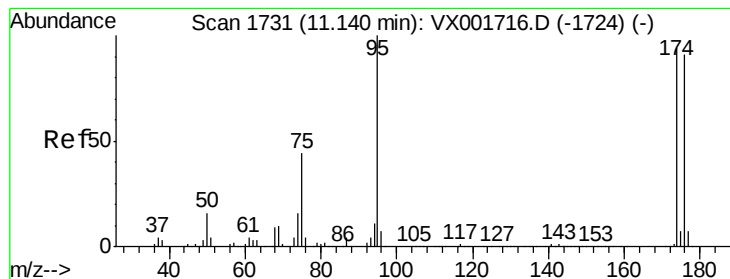
Tgt Ion: 92 Resp: 7540

Ion Ratio Lower Upper

92 100

91 174.3 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 35.753 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

Instrument :

MSVOA_X

ClientSampleId :

DUP-0459-180514

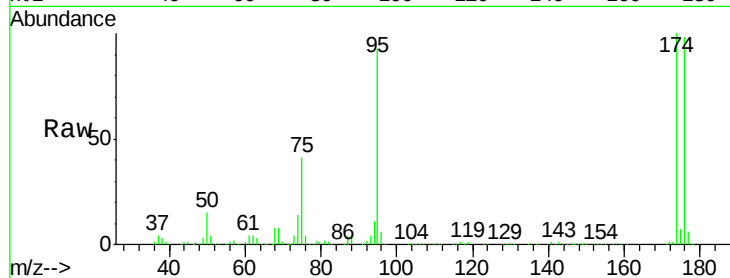
Tot Ion: 95 Resp: 137697

Ion Ratio Lower Upper

95 100

174 101.3 0.0 201.8

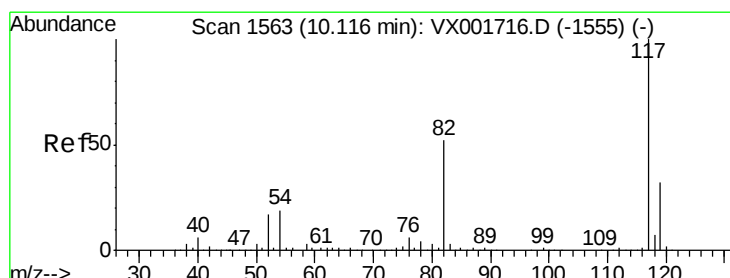
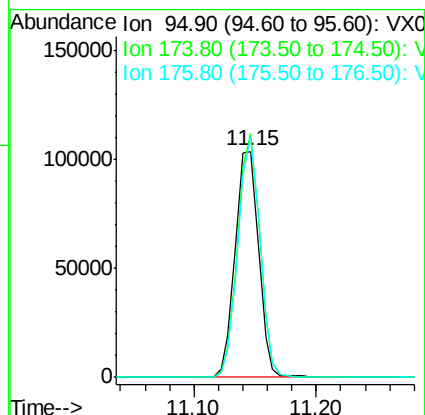
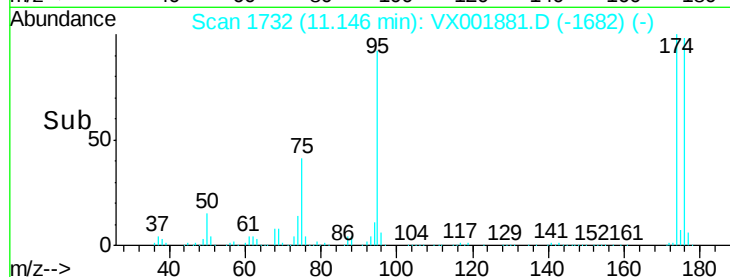
176 99.5 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001881.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001881.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001881.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

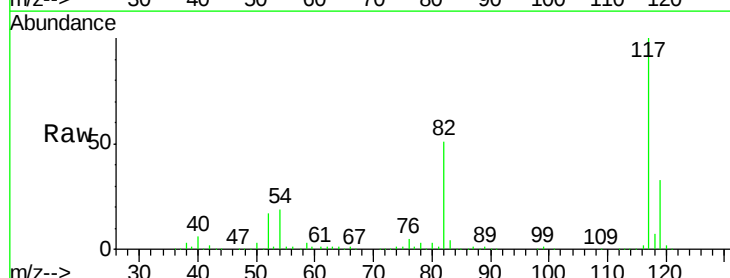
Tgt Ion: 117 Resp: 255992

Ion Ratio Lower Upper

117 100

82 51.4 41.4 62.2

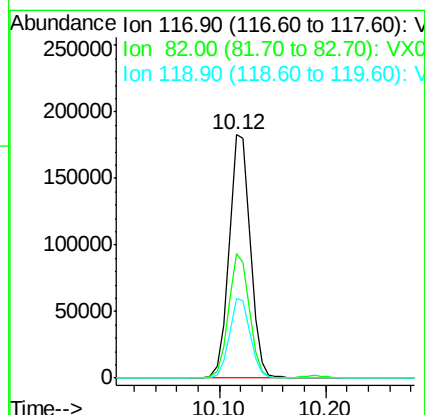
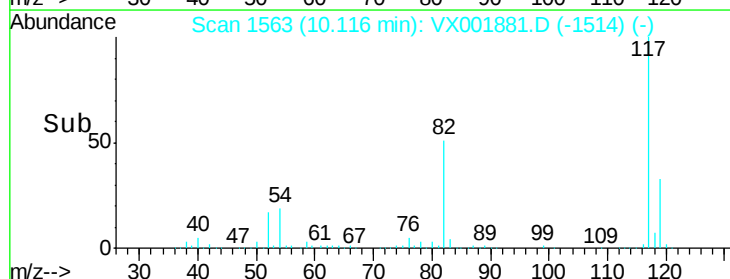
119 32.7 25.6 38.4

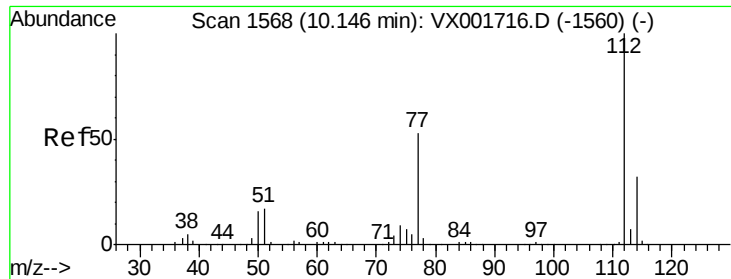


Abundance Ion 116.90 (116.60 to 117.60): VX001881.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001881.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001881.D (-1514) (-)





#65

Chlorobenzene

Concen: 3.434 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

Instrument :

MSVOA_X

ClientSampleId :

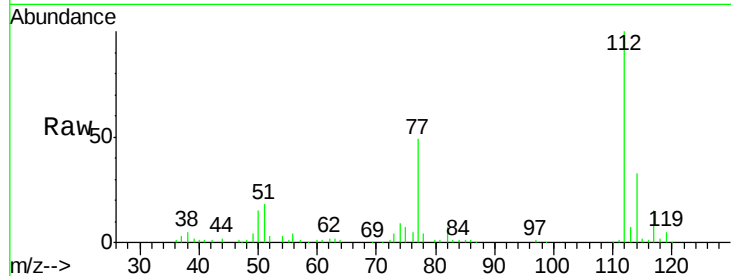
DUP-0459-180514

Tot Ion:112 Resp: 24177

Ion Ratio Lower Upper

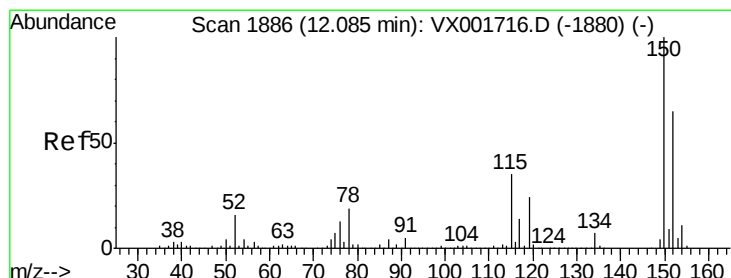
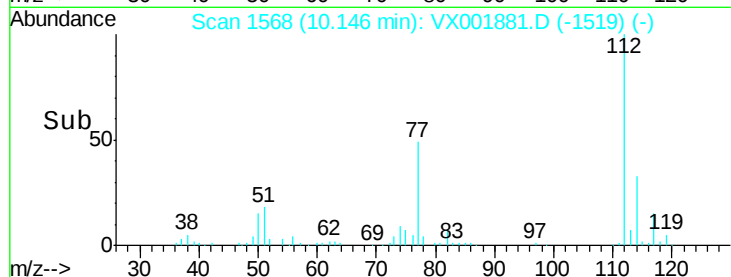
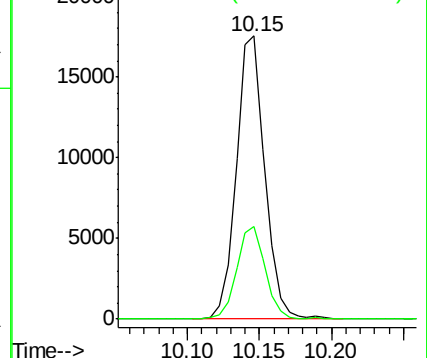
112 100

114 32.6 25.6 38.4



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# 1886

Delta R.T. -0.00 min

Lab File: VX001881.D

Acq: 21 May 2018 16:52

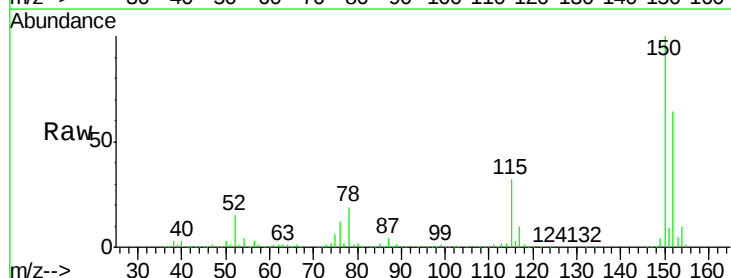
Tgt Ion:152 Resp: 113370

Ion Ratio Lower Upper

152 100

115 51.4 37.4 112.2

150 156.8 0.0 344.8



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

