

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002025.D
 Acq On : 26 May 2018 18:06
 Operator : JC/MD
 Sample : J3118-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0460-180521

Quant Time: May 29 04:35:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

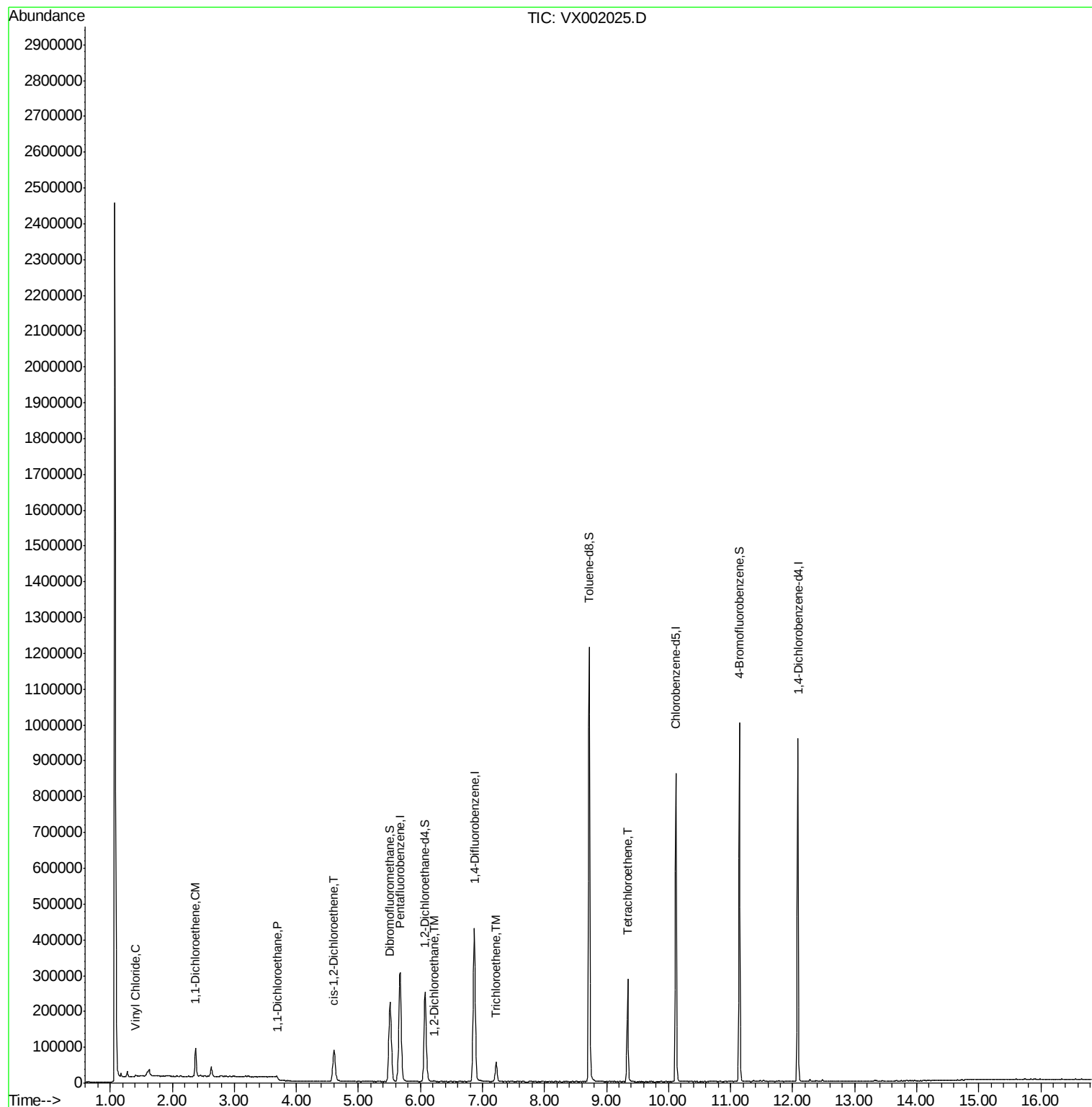
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	234438	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
35) Dibromofluoromethane	5.51	113	185896	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.88%	
50) Toluene-d8	8.72	98	704572	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
62) 4-Bromofluorobenzene	11.14	95	245017	39.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.92%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1551	0.34	ug/l #	87
12) 1,1-Dichloroethene	2.38	96	26175	7.24	ug/l	96
24) 1,1-Dichloroethane	3.70	63	3609	0.49	ug/l #	85
27) cis-1,2-Dichloroethene	4.61	96	52227	11.08	ug/l	99
42) 1,2-Dichloroethane	6.21	62	2118	0.30	ug/l #	76
44) Trichloroethene	7.21	130	20806	4.05	ug/l	96
64) Tetrachloroethene	9.34	164	56448	10.38	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

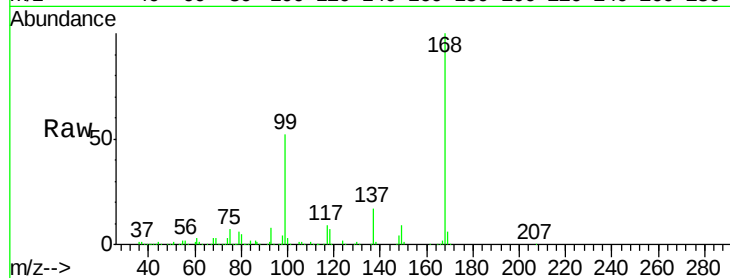
DUP-0460-180521

Tot Ion:168 Resp: 309987

Ion Ratio Lower Upper

168 100

99 51.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

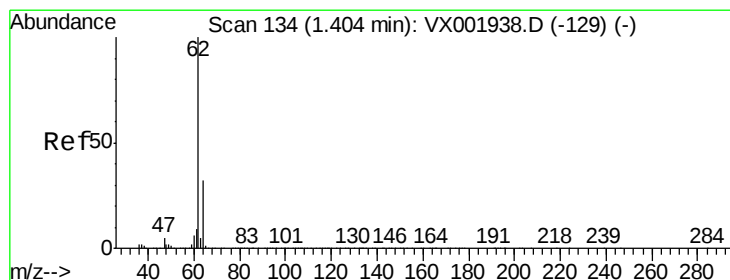
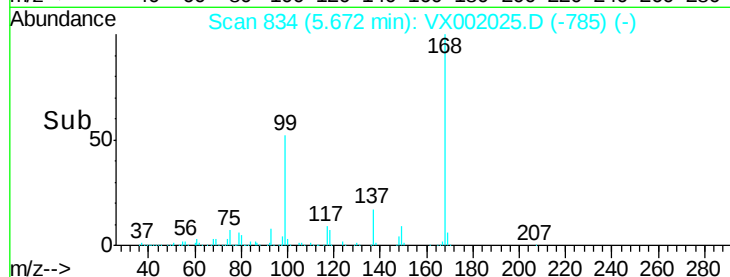
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002025.D

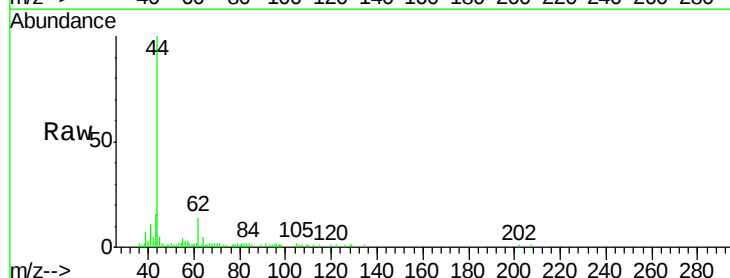
Acq: 26 May 2018 18:06

Tgt Ion: 62 Resp: 1551

Ion Ratio Lower Upper

62 100

64 38.9 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

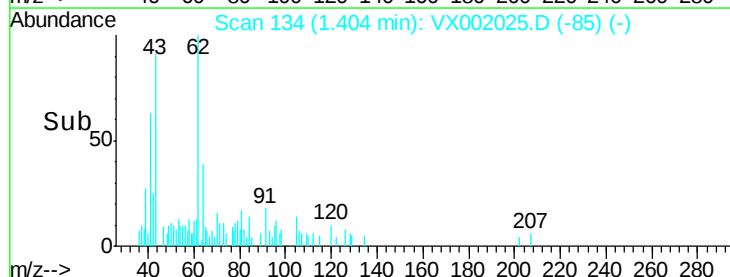
1.40

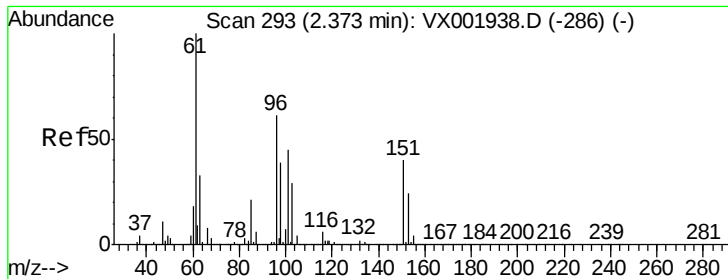
1000

500

0

Time-->

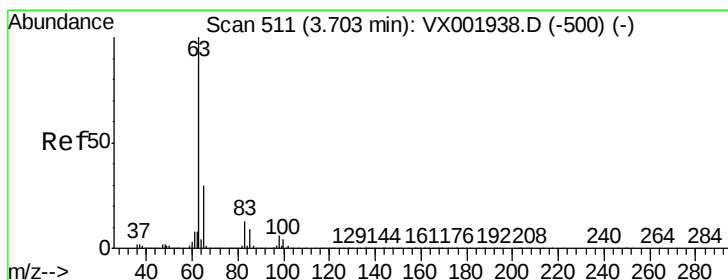
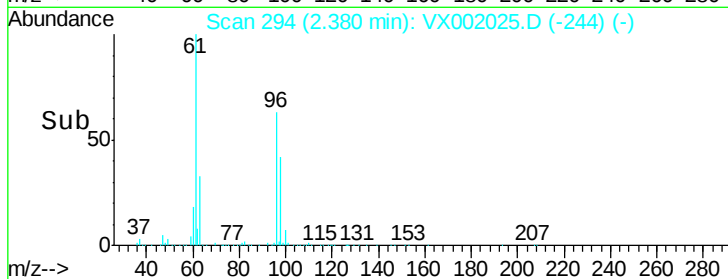
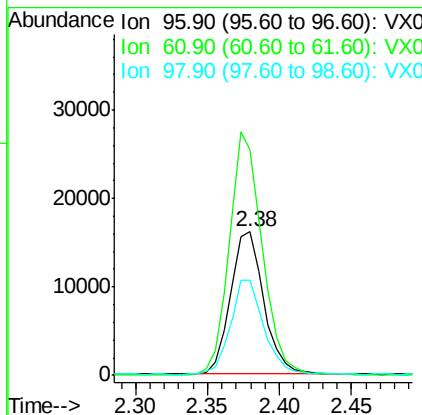
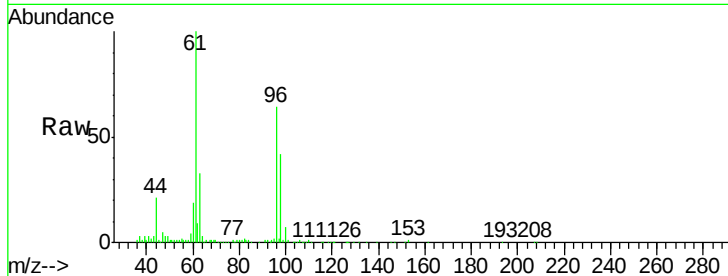




#12
 1,1-Dichloroethene
 Concen: 7.24 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002025.D
 Acq: 26 May 2018 18:06

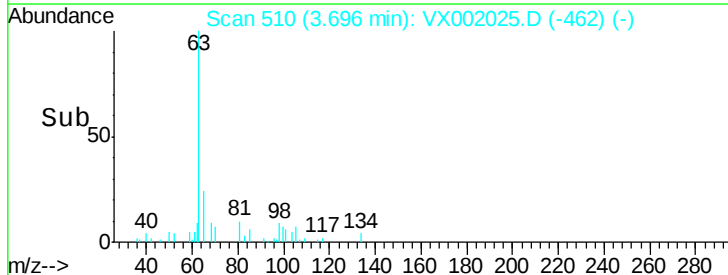
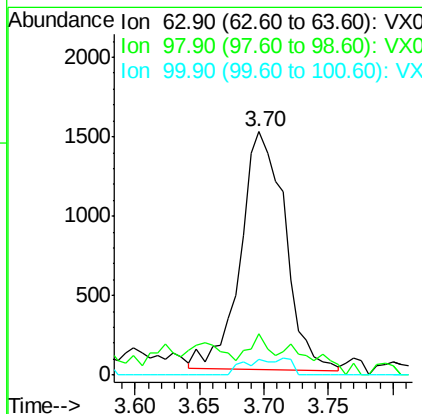
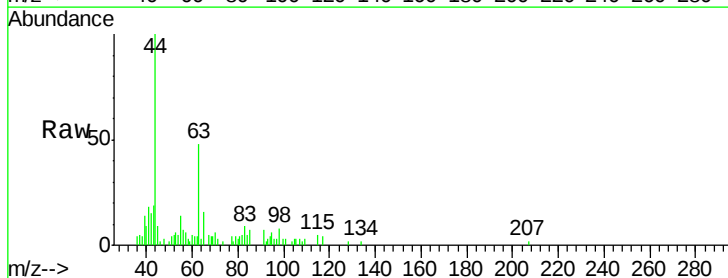
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0460-180521

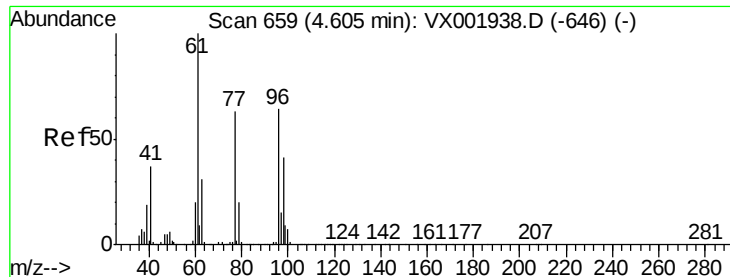
Tot Ion: 96 Resp: 26175
 Ion Ratio Lower Upper
 96 100
 61 158.2 131.7 197.5
 98 65.7 51.6 77.4



#24
 1,1-Dichloroethane
 Concen: 0.49 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX002025.D
 Acq: 26 May 2018 18:06

Tgt Ion: 63 Resp: 3609
 Ion Ratio Lower Upper
 63 100
 98 13.1 3.3 9.8#
 100 6.9 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 11.08 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

DUP-0460-180521

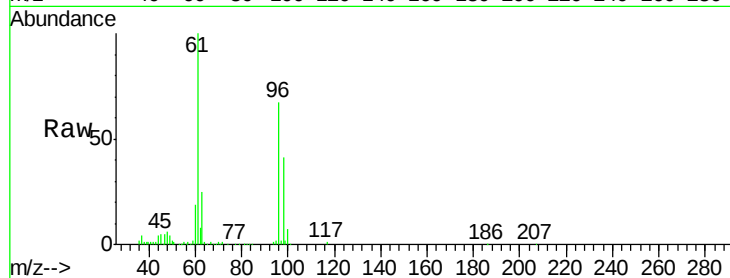
Tot Ion: 96 Resp: 52227

Ion Ratio Lower Upper

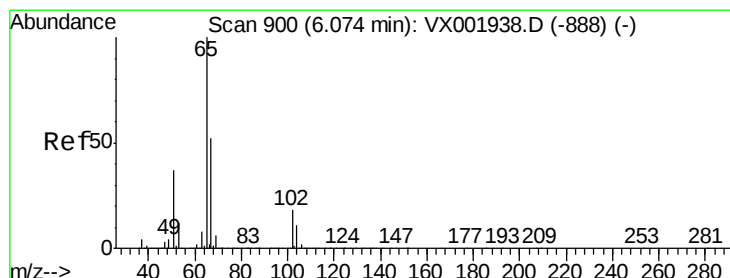
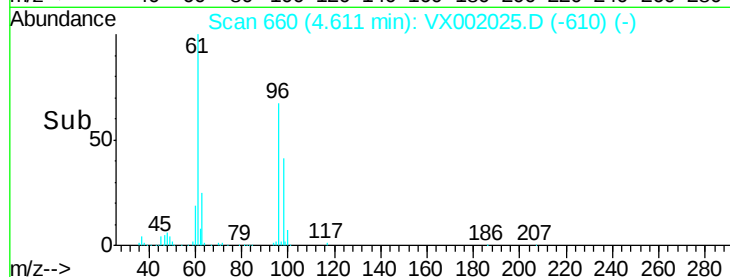
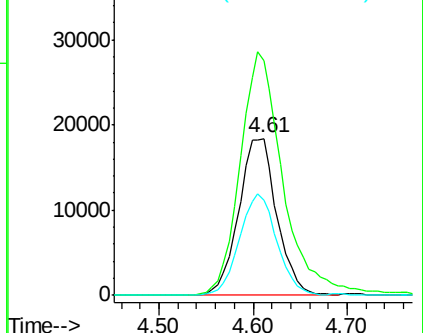
96 100

61 175.2 0.0 348.4

98 63.7 0.0 128.6



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



#33

1,2-Dichloroethane-d4

Concen: 42.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002025.D

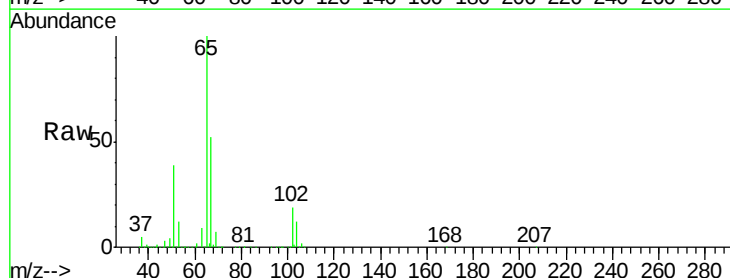
Acq: 26 May 2018 18:06

Tgt Ion: 65 Resp: 234438

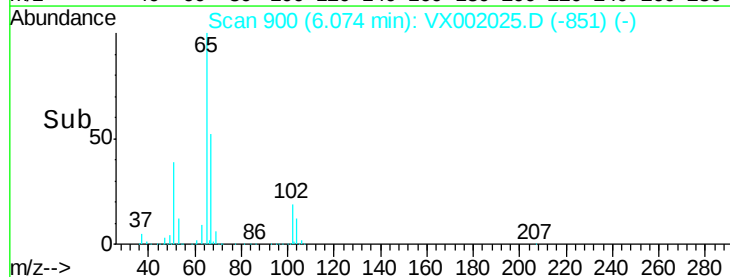
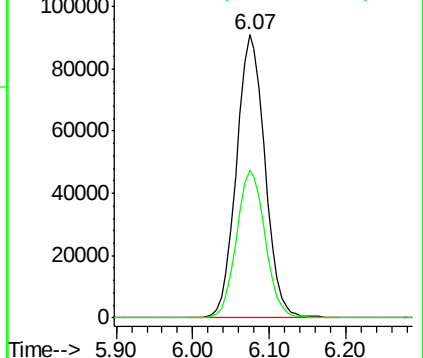
Ion Ratio Lower Upper

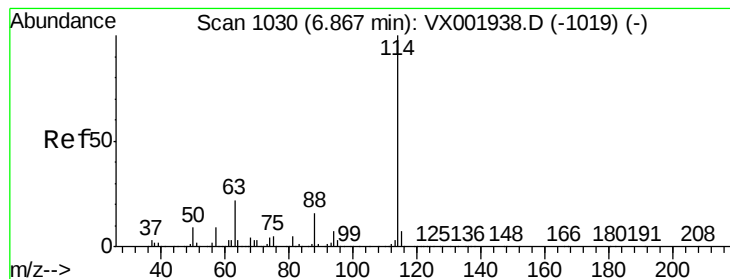
65 100

67 52.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

DUP-0460-180521

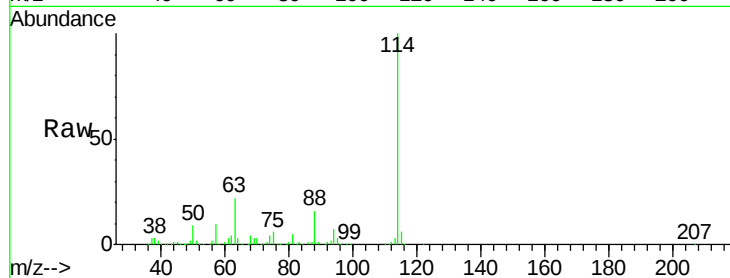
Tot Ion:114 Resp: 432913

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

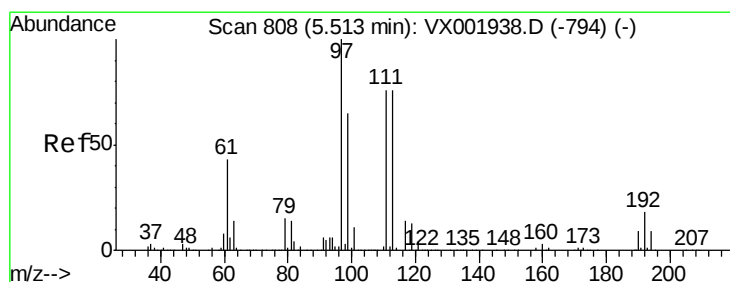
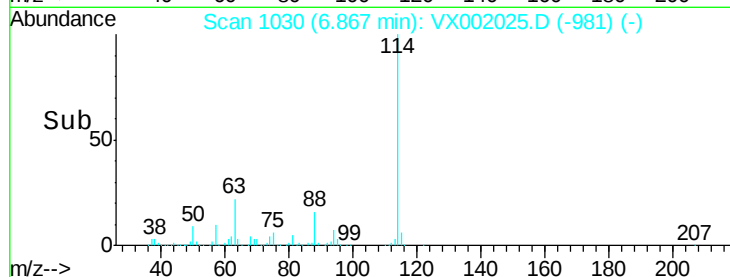
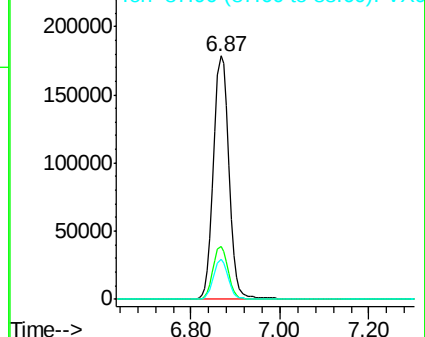
88 16.2 0.0 31.6



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: 42.94 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

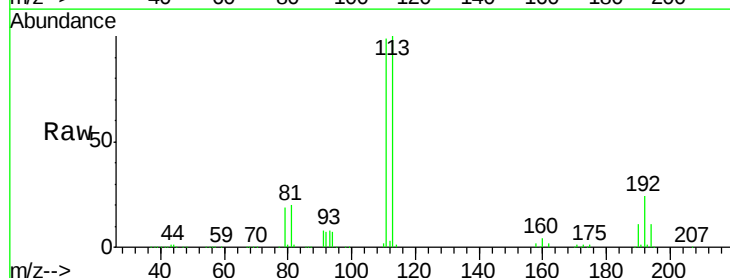
Tgt Ion:113 Resp: 185896

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

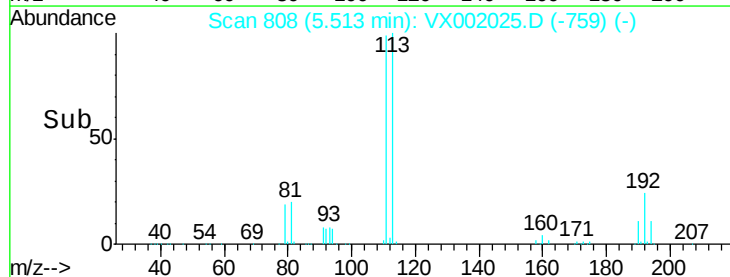
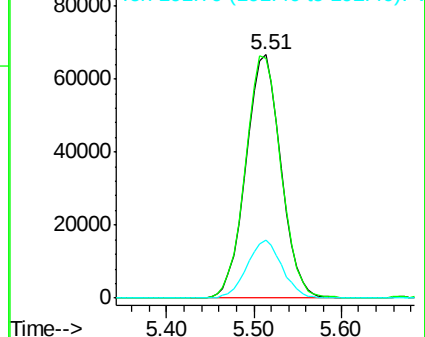
192 23.7 18.9 28.3

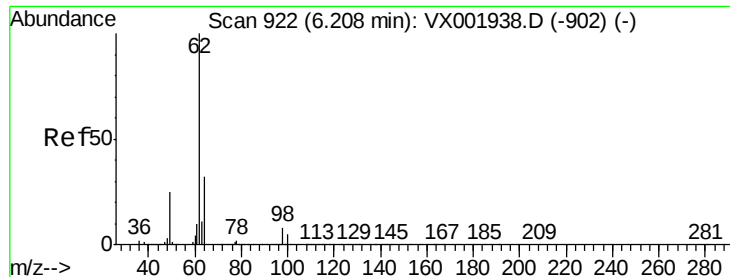


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 0.30 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

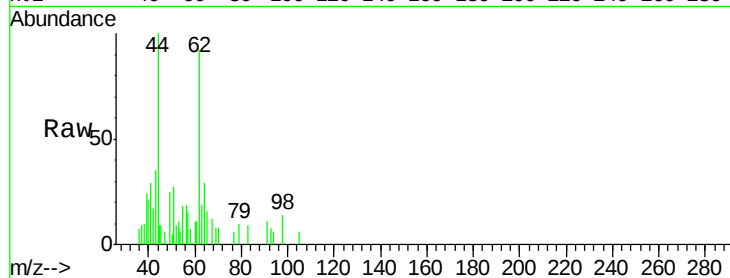
DUP-0460-180521

Tot Ion: 62 Resp: 2118

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.21

800

600

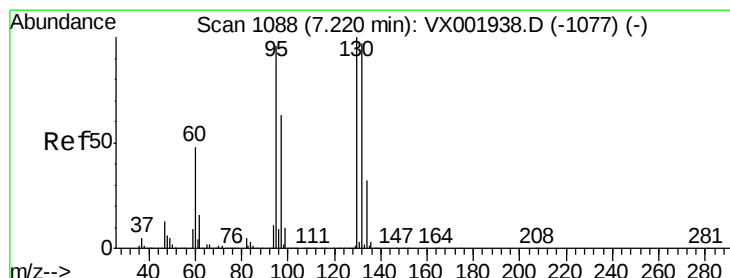
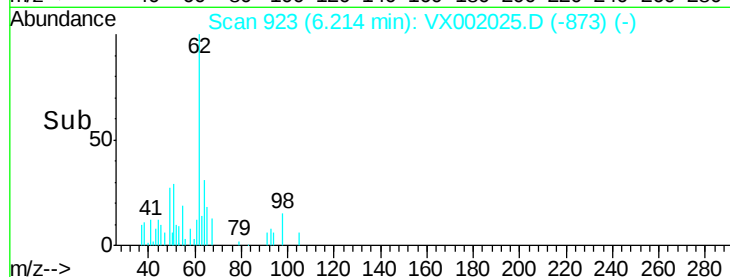
400

200

0

6.15 6.20 6.25 6.30

Time-->



#44

Trichloroethene

Concen: 4.05 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002025.D

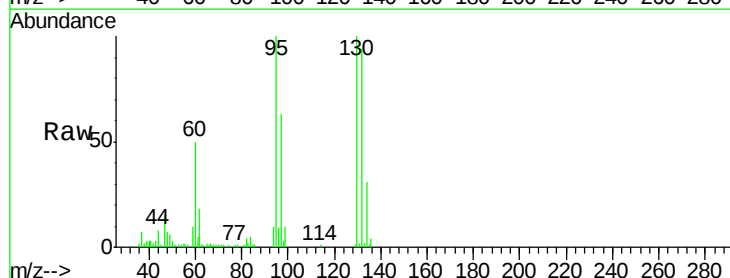
Acq: 26 May 2018 18:06

Tgt Ion: 130 Resp: 20806

Ion Ratio Lower Upper

130 100

95 99.6 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

10000

8000

6000

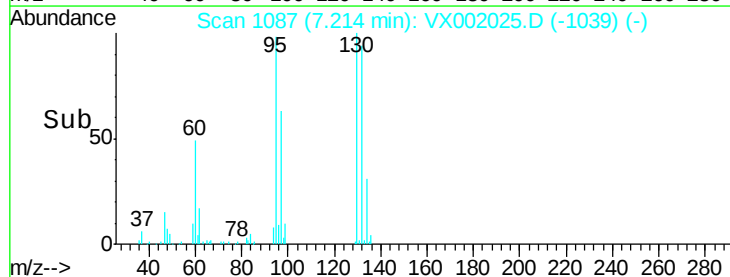
4000

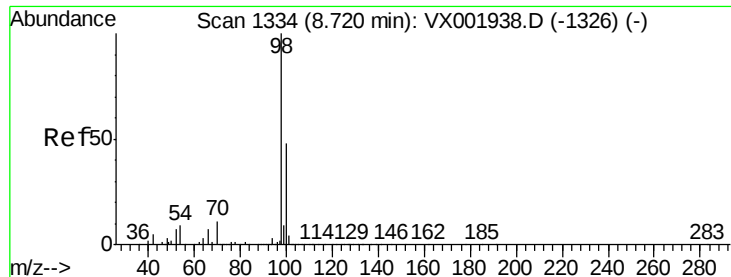
2000

0

7.10 7.15 7.20 7.25 7.30

Time-->





#50

Toluene-d8

Concen: 44.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

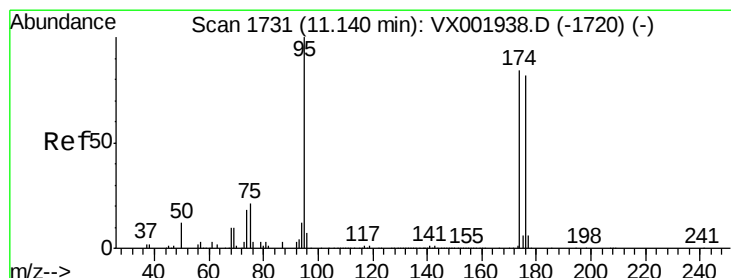
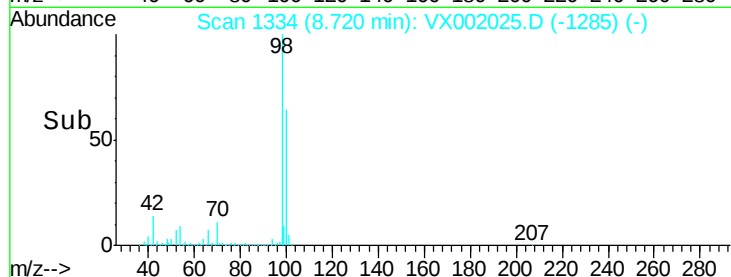
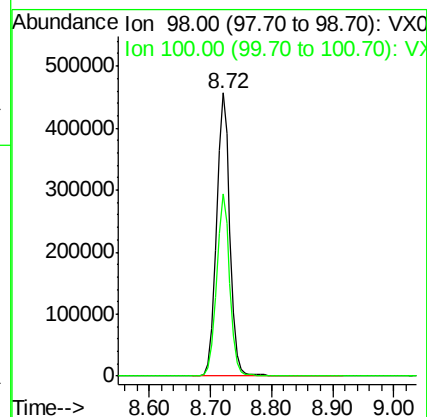
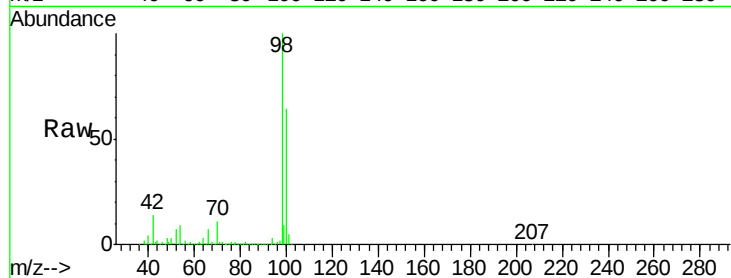
DUP-0460-180521

Tot Ion: 98 Resp: 704572

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 39.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

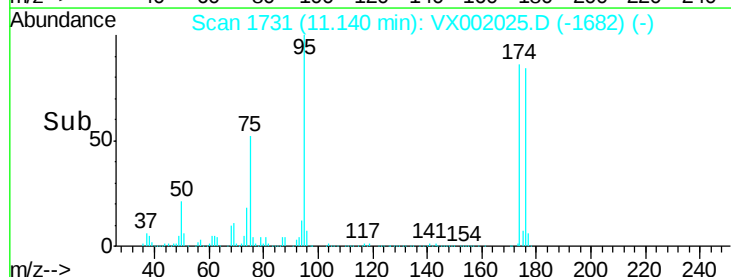
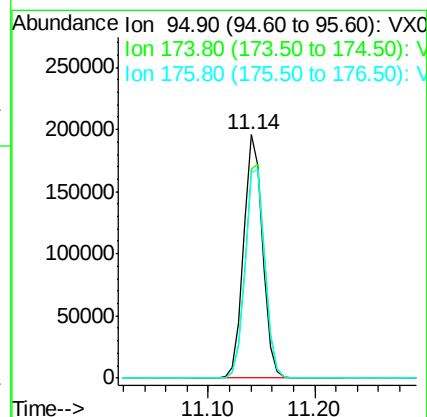
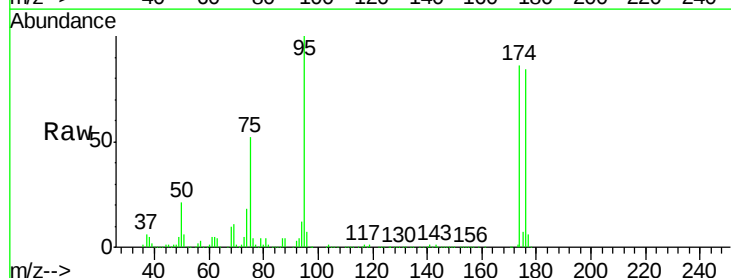
Tgt Ion: 95 Resp: 245017

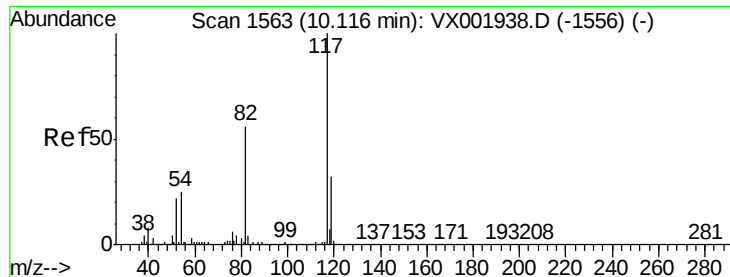
Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.8

176 88.8 0.0 175.6

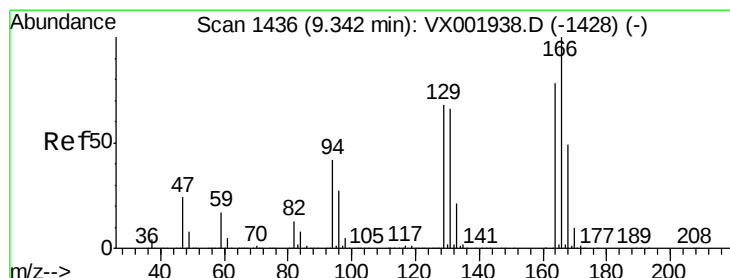
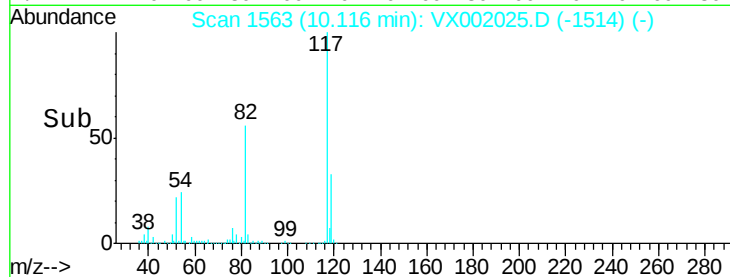
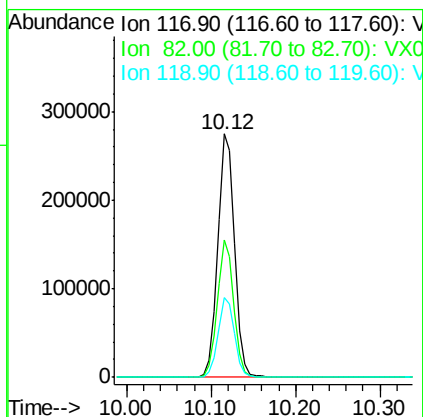
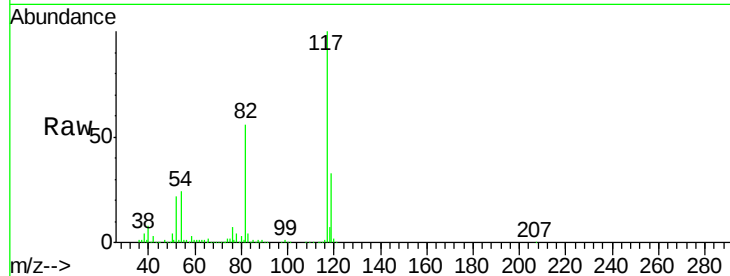




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

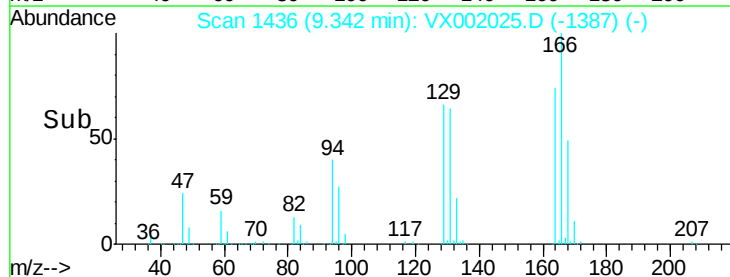
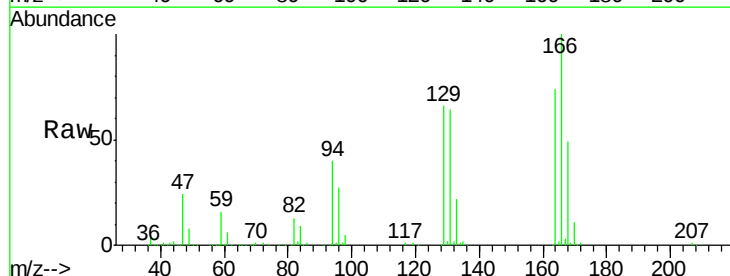
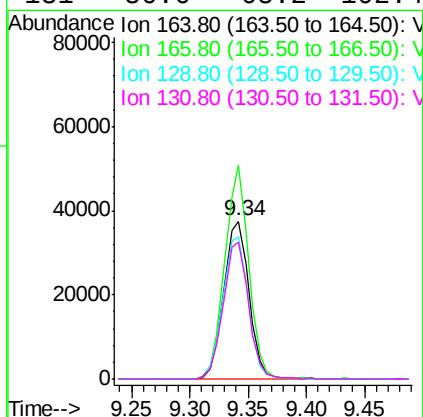
Instrument :
MSVOA_X
ClientSampleId :
DUP-0460-180521

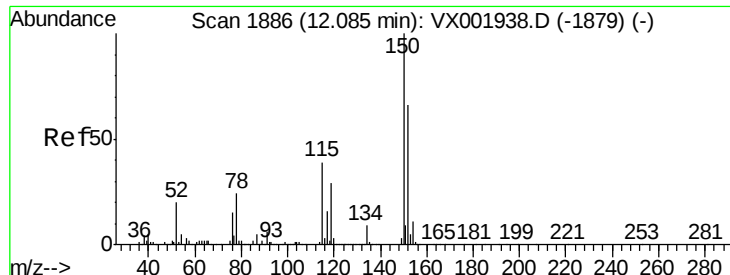
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.6	25.5	38.3



#64
Tetrachloroethene
Concen: 10.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002025.D
Acq: 26 May 2018 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.1	102.7	154.1
129	89.8	70.3	105.5
131	86.6	68.2	102.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002025.D

Acq: 26 May 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

DUP-0460-180521

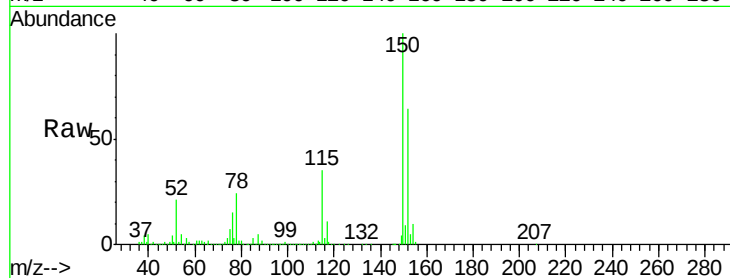
Tot Ion:152 Resp: 199962

Ion Ratio Lower Upper

152 100

115 54.6 42.3 126.8

150 155.3 0.0 351.0



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

