

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004042.D
 Acq On : 14 Aug 2018 20:23
 Operator : JC/MD
 Sample : J4438-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-284-SRI3

Quant Time: Aug 15 15:47:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

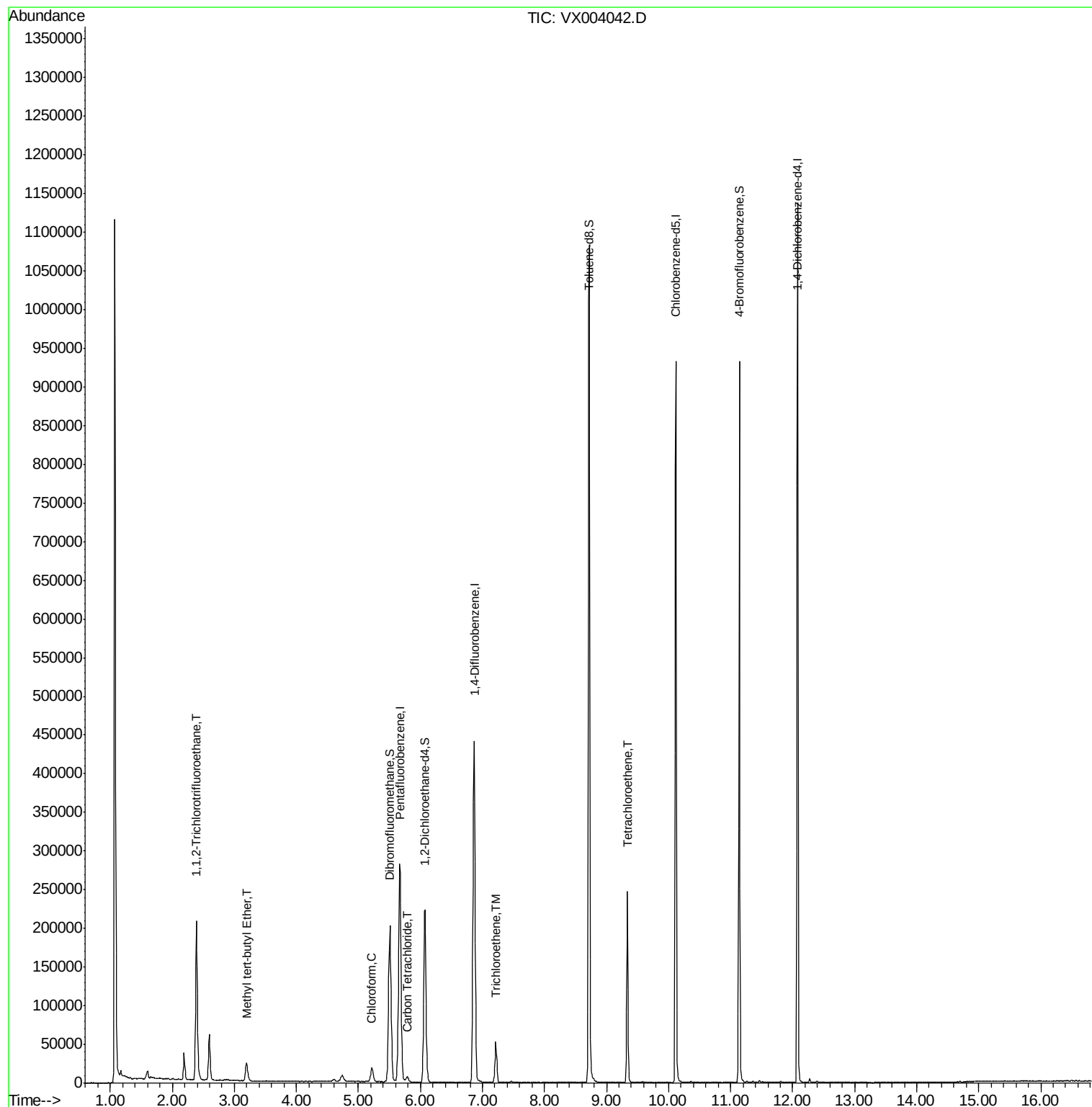
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	455423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207668	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
35) Dibromofluoromethane	5.51	113	173043	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	8.72	98	648813	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	225085	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82718	25.80	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	26050	2.48	ug/l	99
30) Chloroform	5.22	83	20285	3.30	ug/l	95
38) Carbon Tetrachloride	5.78	117	5443	1.08	ug/l	94
44) Trichloroethene	7.22	130	20941	4.96	ug/l	91
64) Tetrachloroethene	9.34	164	49188	11.94	ug/l	94

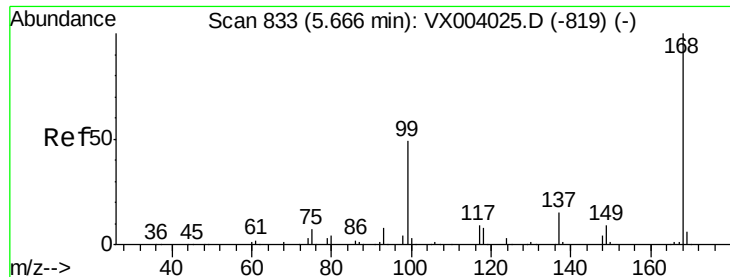
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081418\
Data File : VX004042.D
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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampled :
MW-284-SRI3

Quant Time: Aug 15 15:47:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004042.D

Acq: 14 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

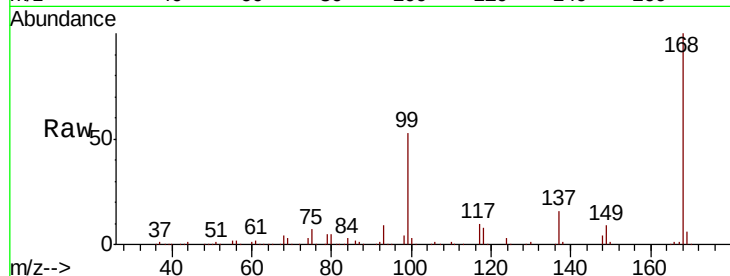
MW-284-SRI3

Tot Ion:168 Resp: 283444

Ion Ratio Lower Upper

168 100

99 52.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

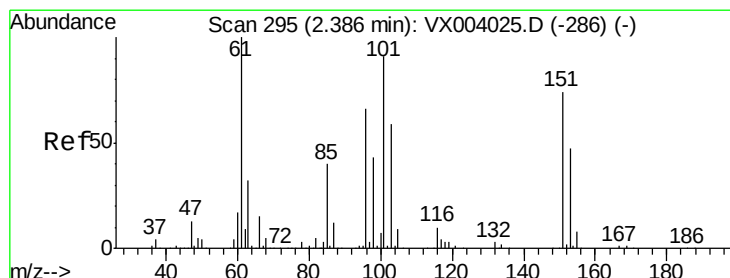
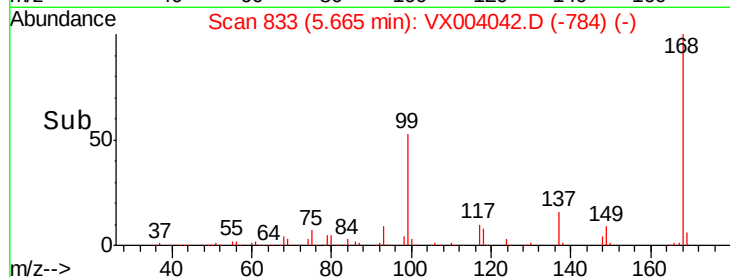
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.80 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX004042.D

Acq: 14 Aug 2018 20:23

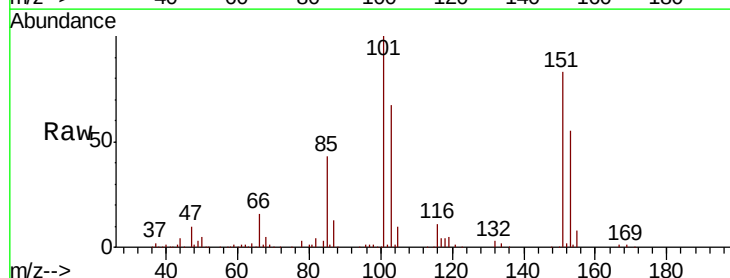
Tgt Ion:101 Resp: 82718

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

151 82.5 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

50000

40000

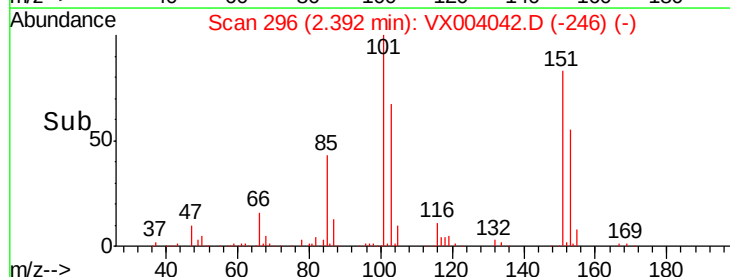
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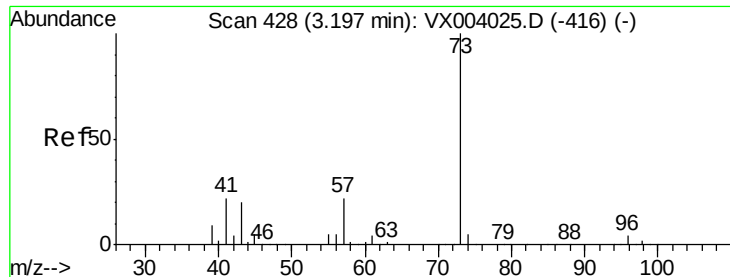
20000

10000

0

Time--> 2.30 2.40 2.50

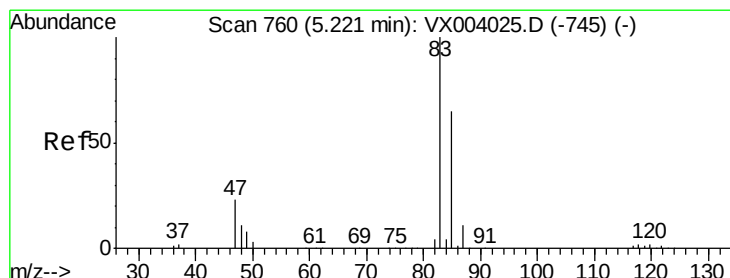
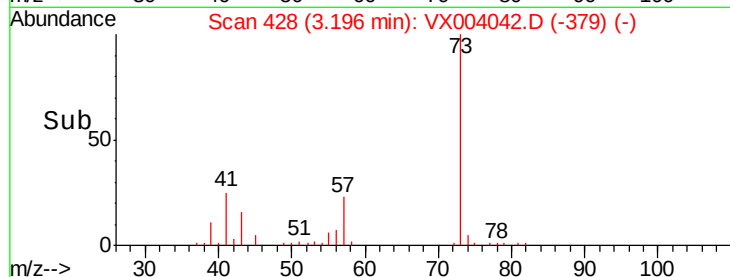
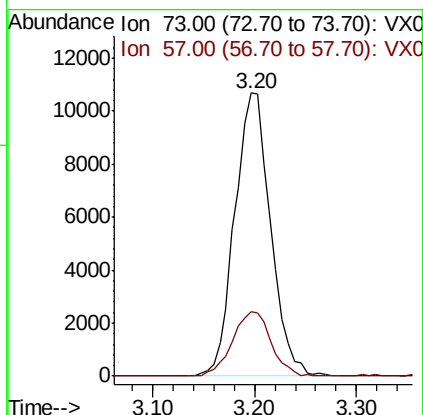
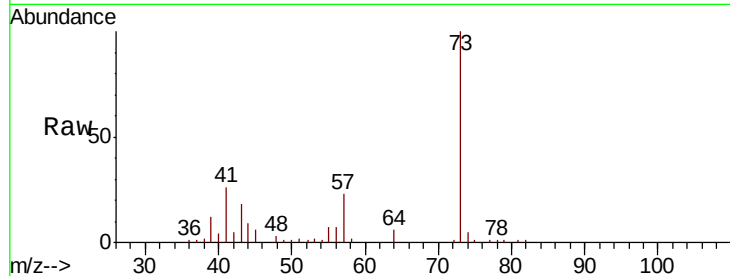




#19
Methyl tert-butyl Ether
Concen: 2.48 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004042.D
Acq: 14 Aug 2018 20:23

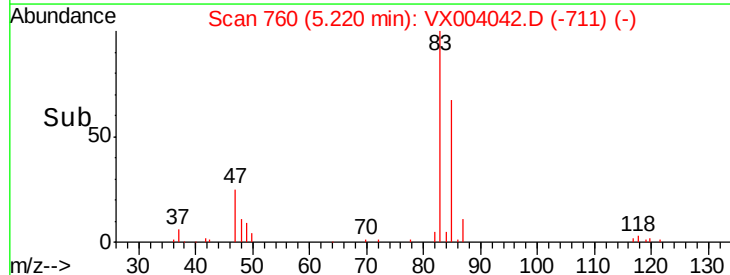
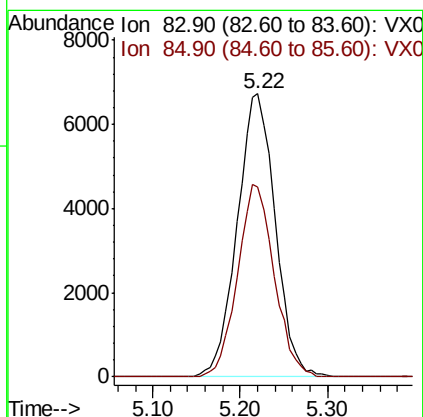
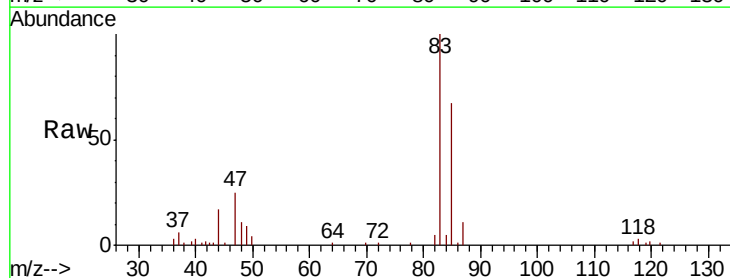
Instrument :
MSVOA_X
ClientSampleId :
MW-284-SRI3

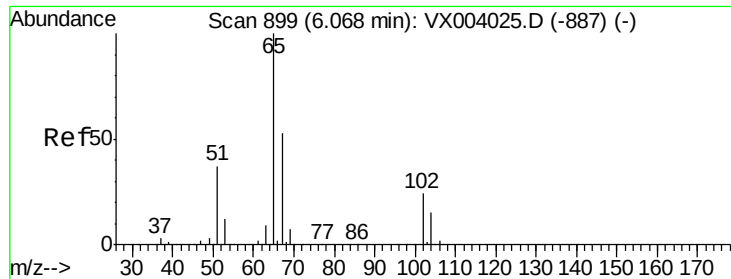
Tot Ion: 73 Resp: 26050
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0



#30
Chloroform
Concen: 3.30 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004042.D
Acq: 14 Aug 2018 20:23

Tgt Ion: 83 Resp: 20285
Ion Ratio Lower Upper
83 100
85 66.9 50.7 76.1

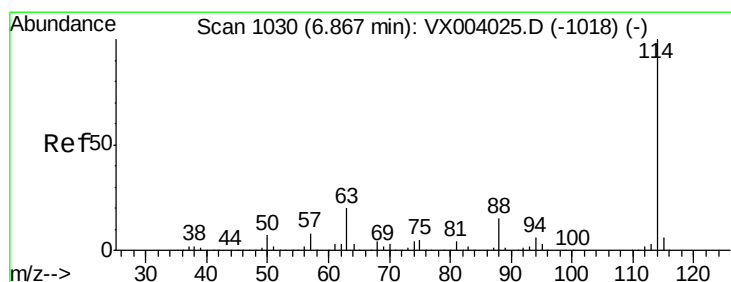
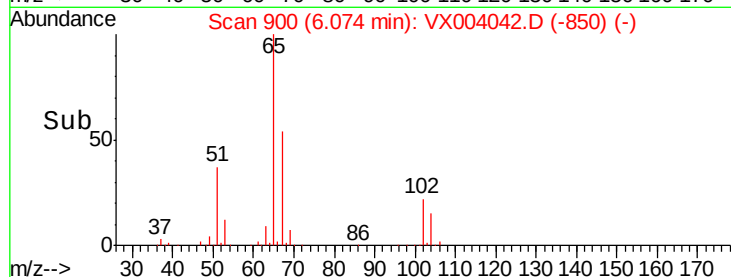
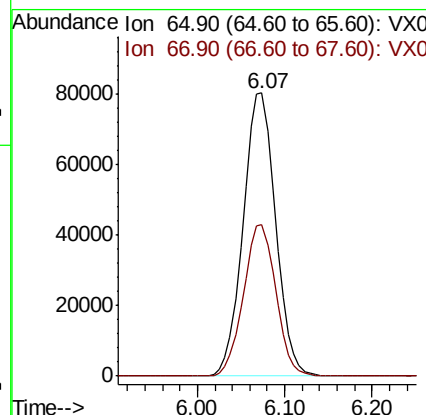
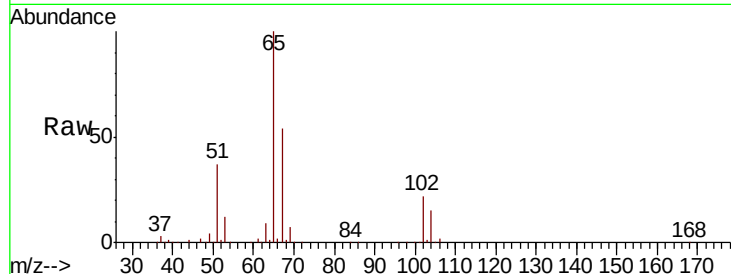




#33
 1,2-Dichloroethane-d4
 Concen: 52.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX004042.D
 Acq: 14 Aug 2018 20:23

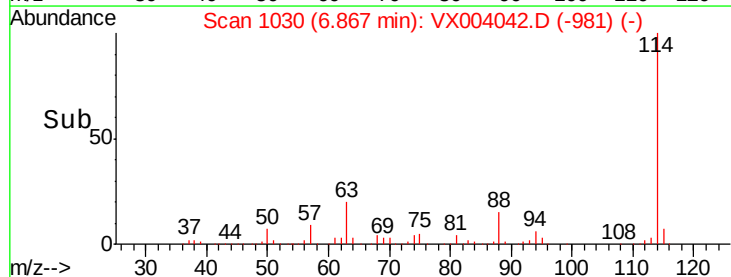
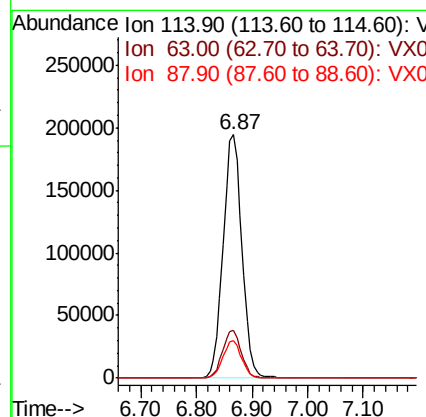
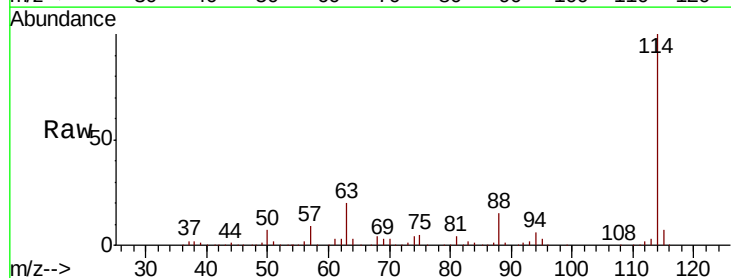
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-284-SRI3

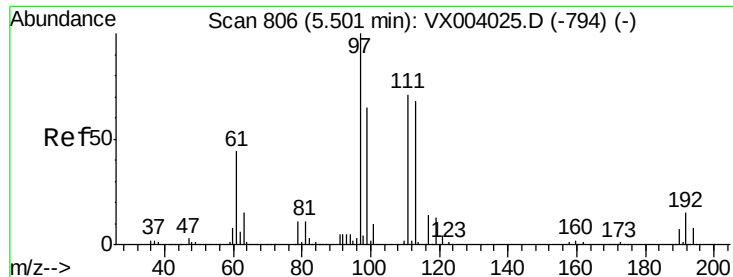
Tot Ion: 65 Resp: 207668
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004042.D
 Acq: 14 Aug 2018 20:23

Tgt Ion: 114 Resp: 455423
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.5 0.0 32.0

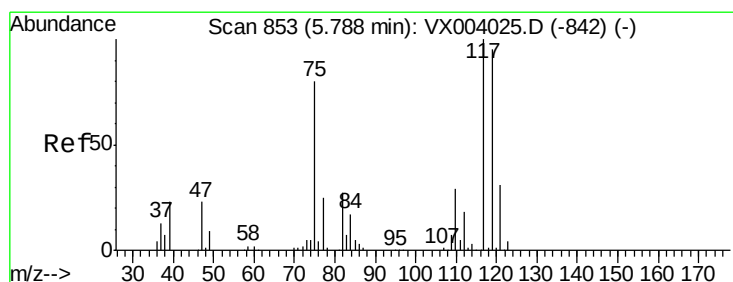
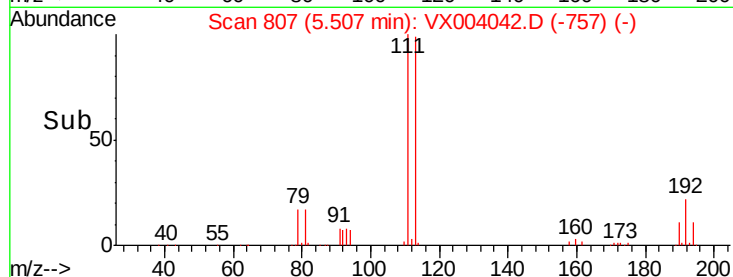
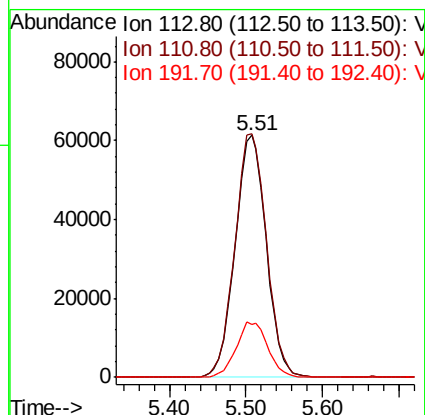
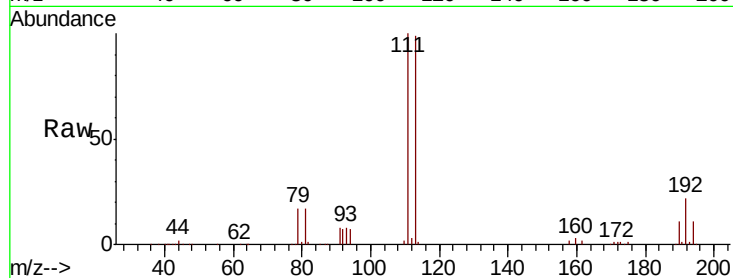




#35
 Dibromofluoromethane
 Concen: 50.77 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004042.D
 Acq: 14 Aug 2018 20:23

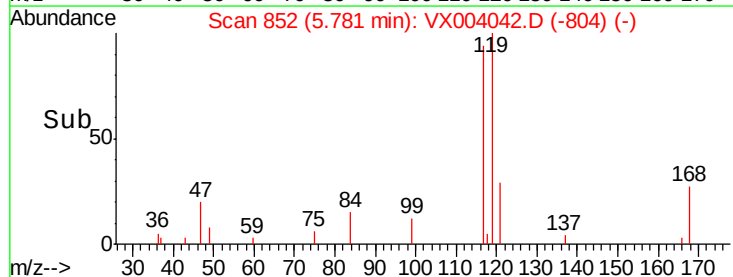
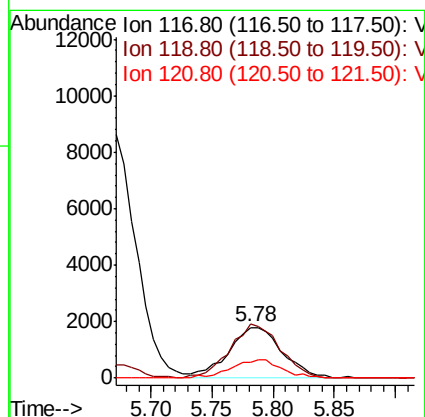
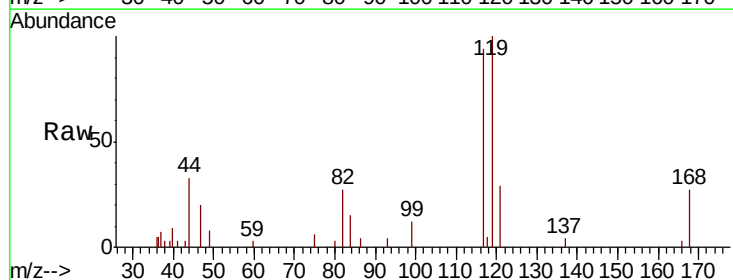
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-284-SRI3

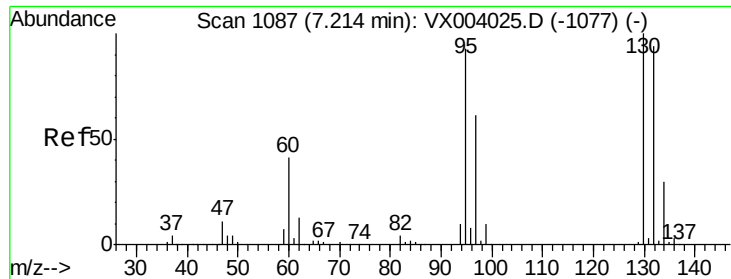
Tot Ion:113 Resp: 173043
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 23.0 19.0 28.4



#38
 Carbon Tetrachloride
 Concen: 1.08 ug/l
 RT: 5.78 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: VX004042.D
 Acq: 14 Aug 2018 20:23

Tgt Ion:117 Resp: 5443
 Ion Ratio Lower Upper
 117 100
 119 106.5 79.5 119.3
 121 30.7 25.0 37.4





#44

Trichloroethene

Concen: 4.96 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX004042.D

Acq: 14 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

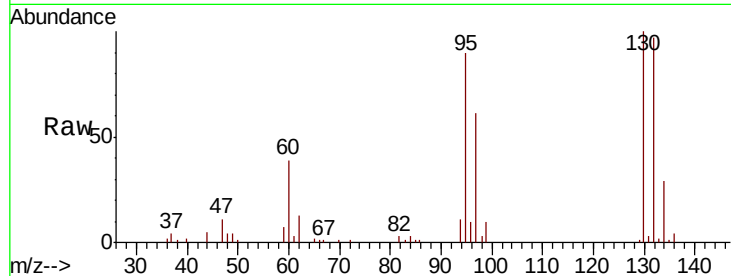
MW-284-SRI3

Tot Ion:130 Resp: 20941

Ion Ratio Lower Upper

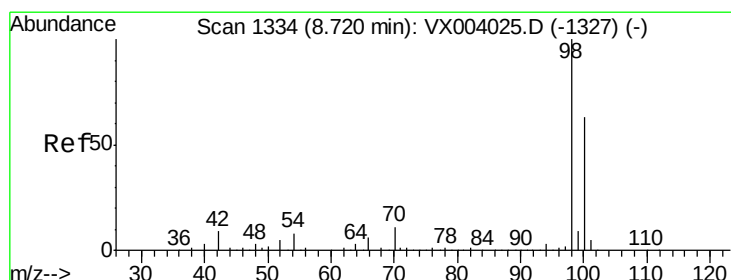
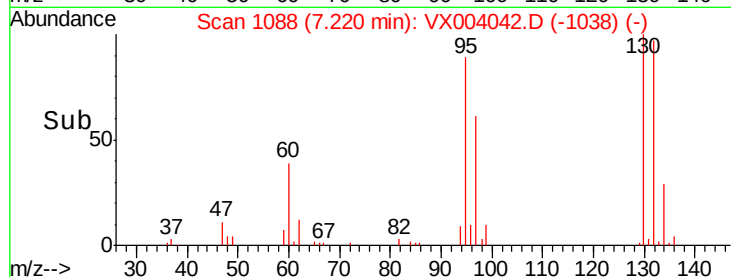
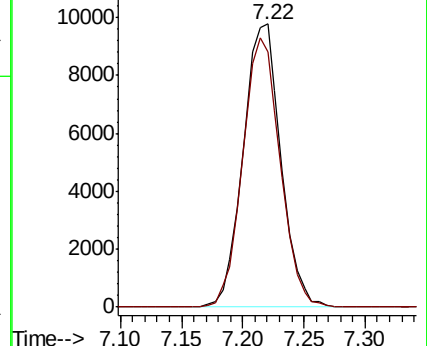
130 100

95 90.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004042.D

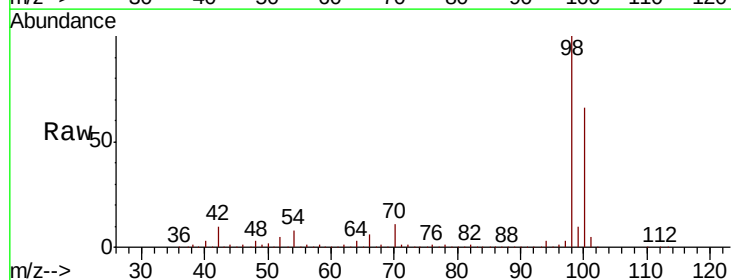
Acq: 14 Aug 2018 20:23

Tgt Ion: 98 Resp: 648813

Ion Ratio Lower Upper

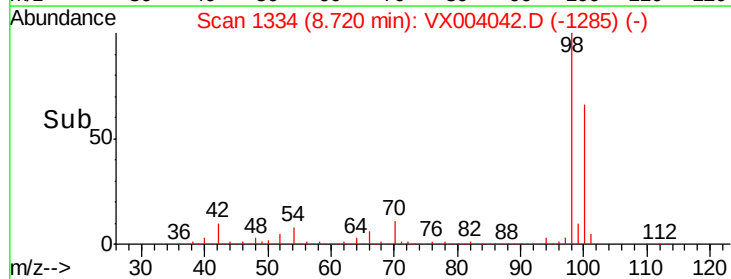
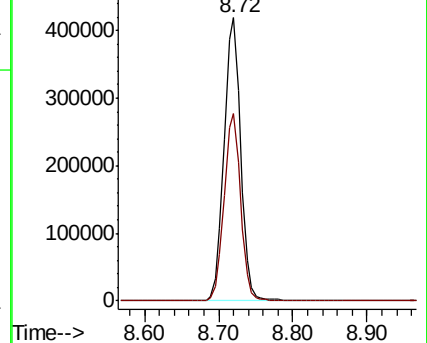
98 100

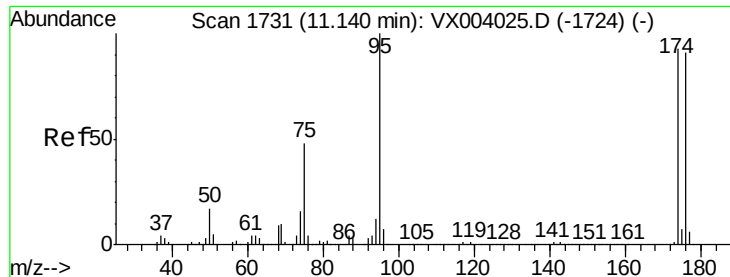
100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004042.D

Acq: 14 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-284-SRI3

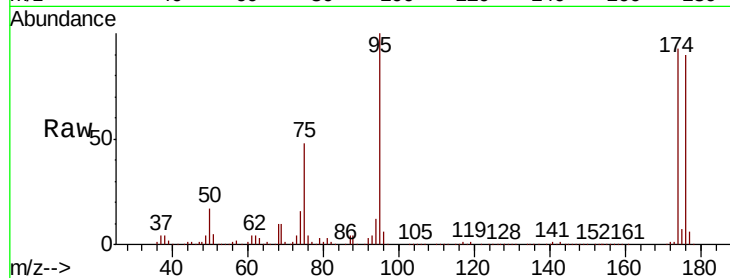
Tot Ion: 95 Resp: 225085

Ion Ratio Lower Upper

95 100

174 90.6 0.0 182.8

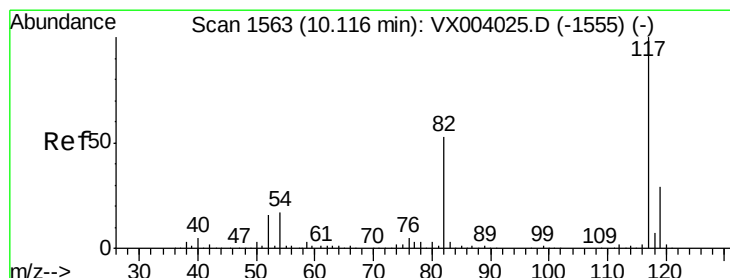
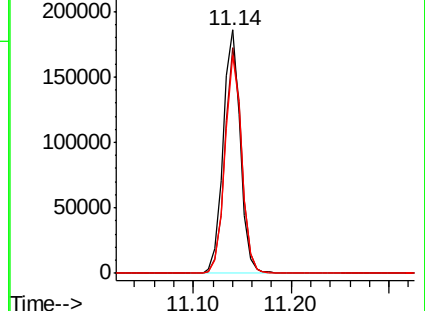
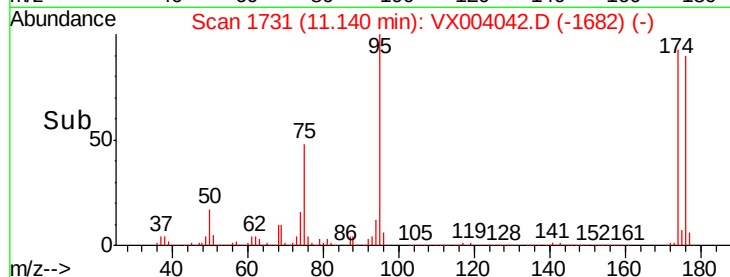
176 88.1 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX004042.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004042.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004042.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004042.D

Acq: 14 Aug 2018 20:23

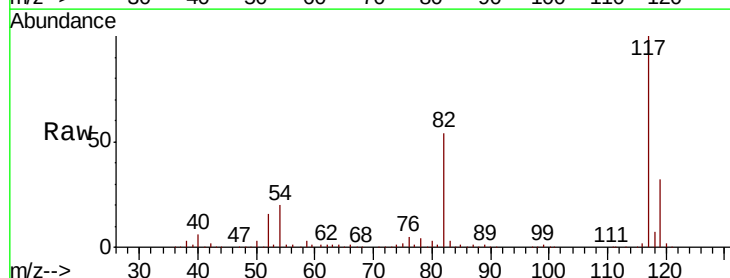
Tgt Ion: 117 Resp: 434648

Ion Ratio Lower Upper

117 100

82 53.6 45.4 68.0

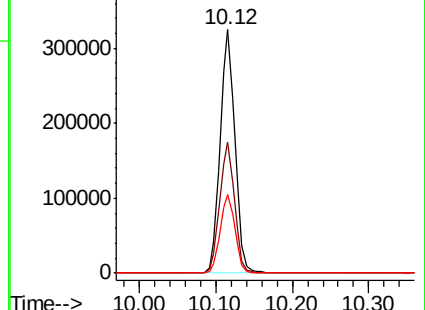
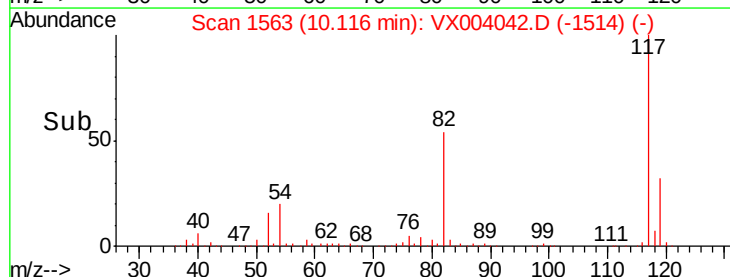
119 32.3 26.6 40.0

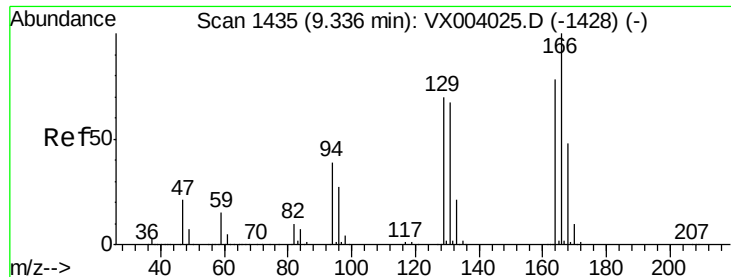


Abundance Ion 116.90 (116.60 to 117.60): VX004042.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004042.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004042.D (-1514) (-)

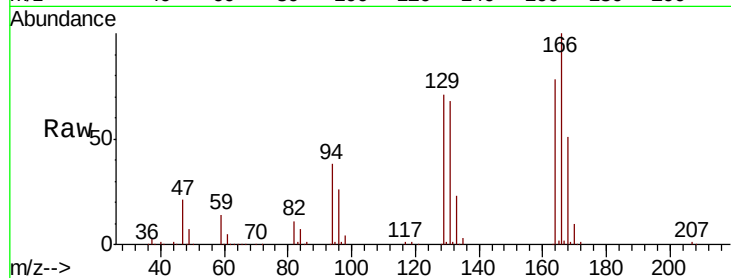




#64
Tetrachloroethene
Concen: 11.94 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004042.D
Acq: 14 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-284-SRI3

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.4	98.0	147.0
129	89.9	64.3	96.5
131	86.0	66.8	100.2



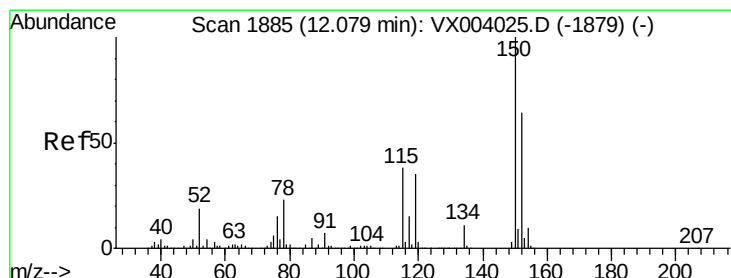
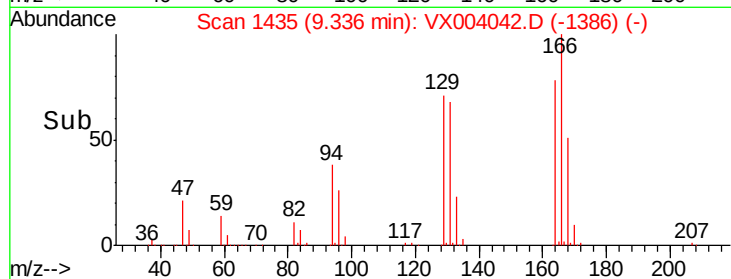
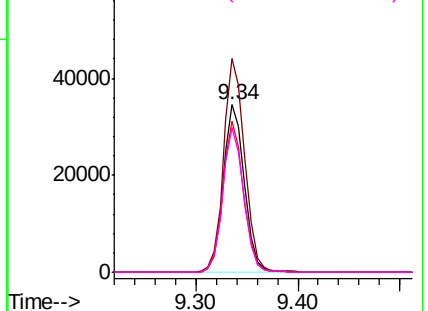
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

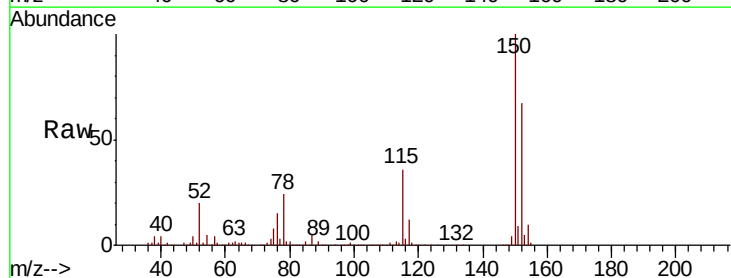
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004042.D
Acq: 14 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.1	117.3
150	151.5	0.0	349.2



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

