

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
 Data File : VX015021.D
 Acq On : 26 Feb 2020 15:22
 Operator : JC/SP
 Sample : L1683-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20200225

Quant Time: Feb 27 03:15:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

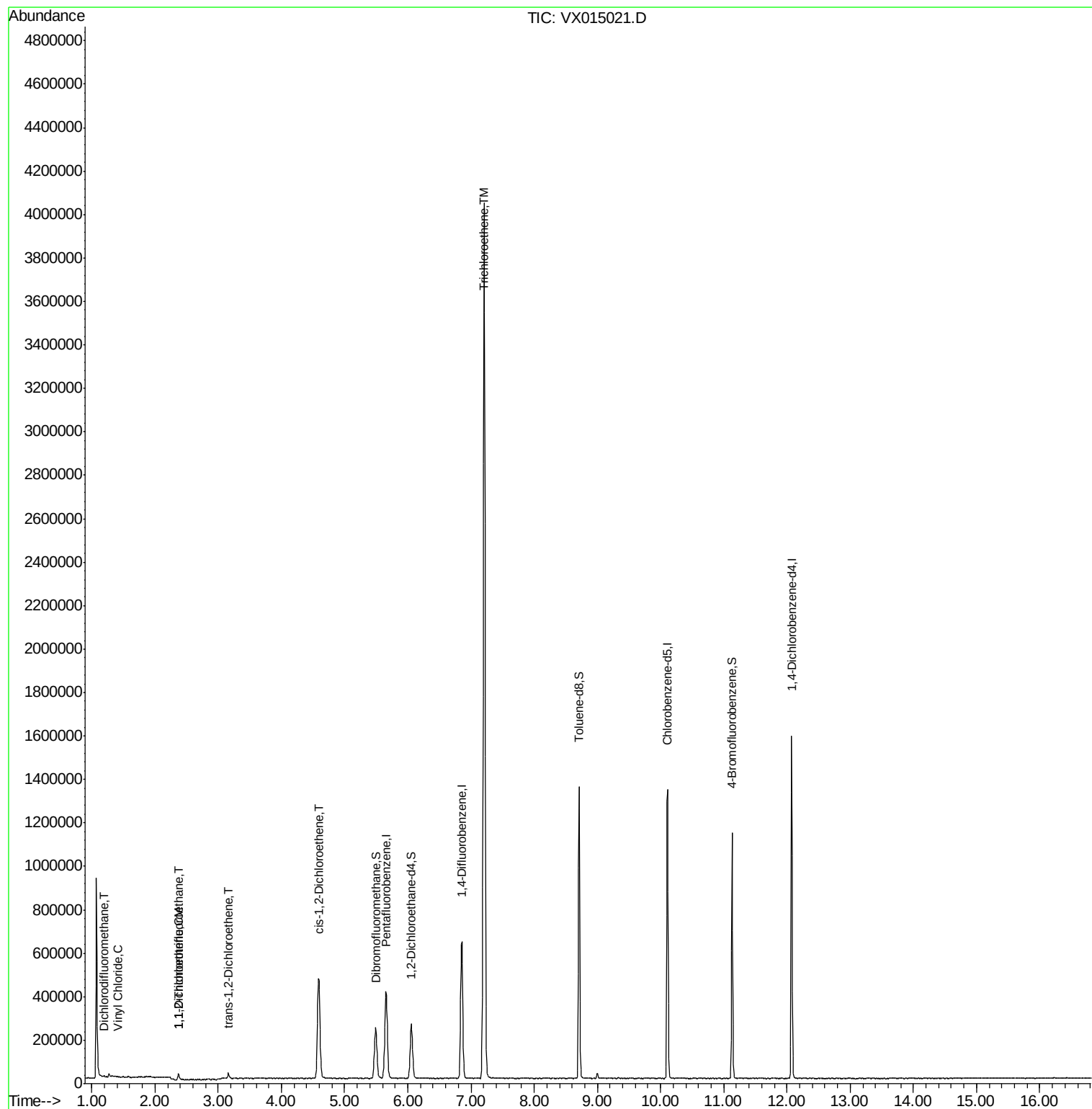
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	418064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	657182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	636509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	239881	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	5.49	113	200989	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	8.71	98	792821	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	298625	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
Target Compounds						
2) Dichlorodifluoromethane	1.19	85	3247	0.820	ug/l	93
4) Vinyl Chloride	1.41	62	3668	0.759	ug/l #	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2665	0.680	ug/l #	89
12) 1,1-Dichloroethene	2.37	96	8704	2.271	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	10245	2.423	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	306425	64.831	ug/l	90
44) Trichloroethene	7.21	130	1550160	304.016	ug/l	99

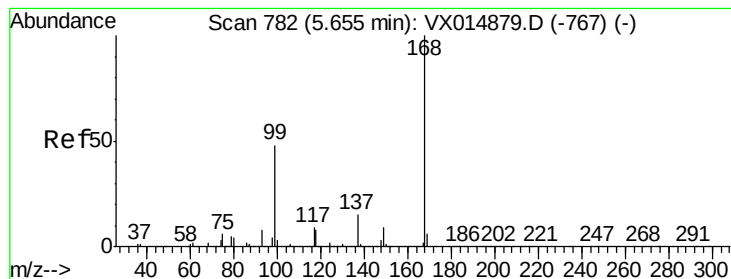
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

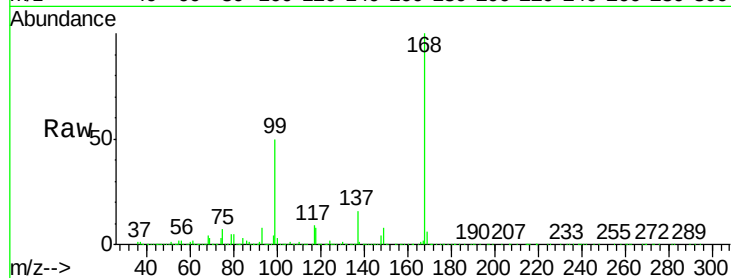
MH-140N-20200225

Tot Ion:168 Resp: 418064

Ion Ratio Lower Upper

168 100

99 49.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

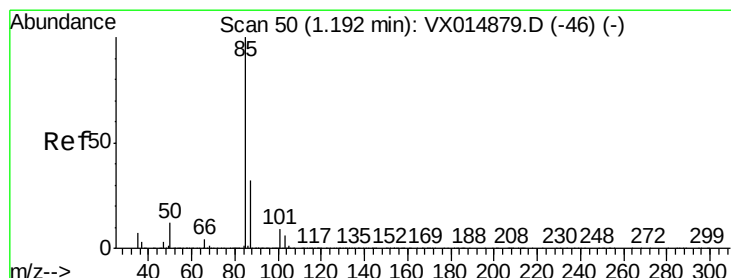
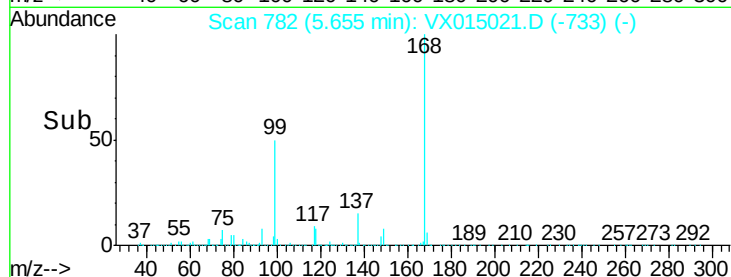
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.820 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015021.D

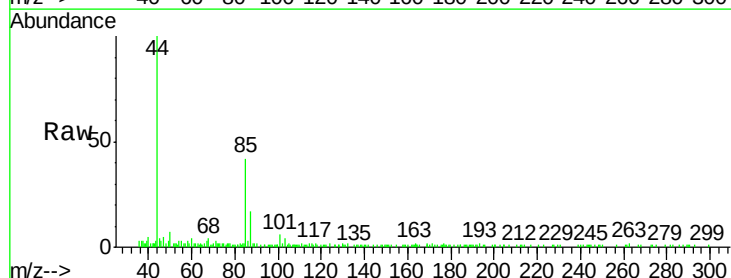
Acq: 26 Feb 2020 15:22

Tgt Ion: 85 Resp: 3247

Ion Ratio Lower Upper

85 100

87 36.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

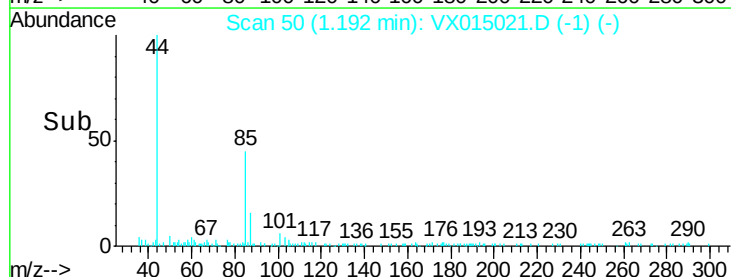
3000

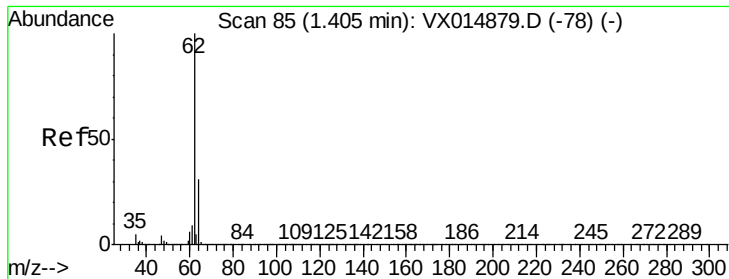
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 0.759 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

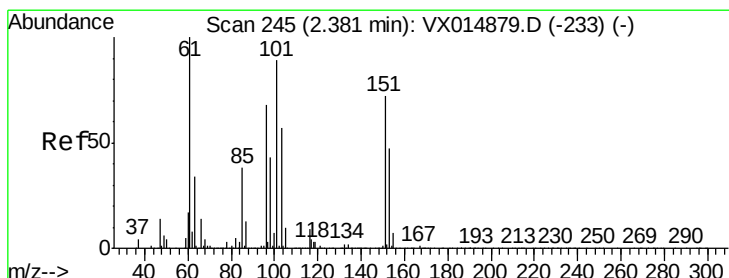
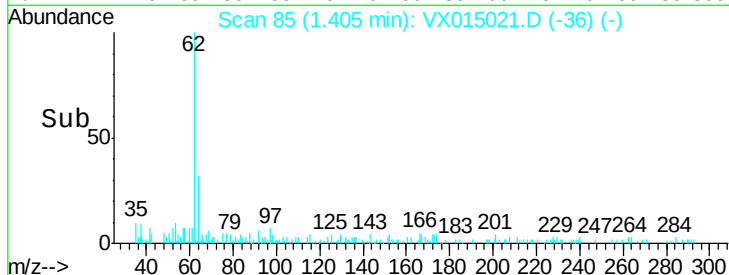
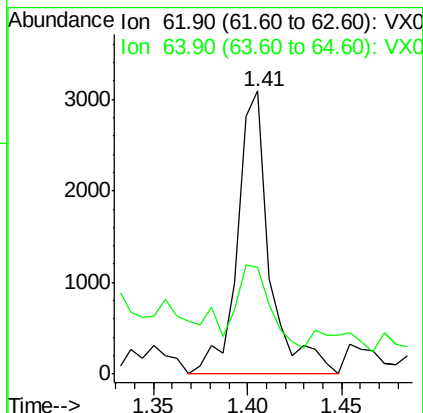
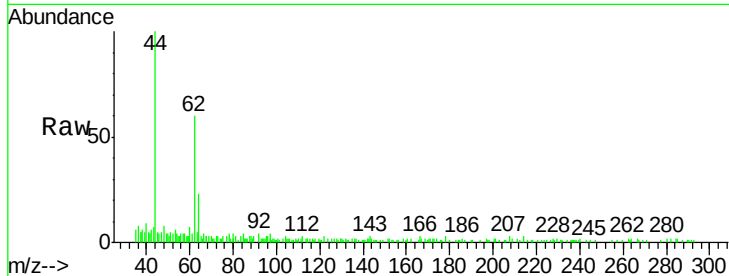
MH-140N-20200225

Tot Ion: 62 Resp: 3668

Ion Ratio Lower Upper

62 100

64 24.2 24.8 37.2#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.680 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

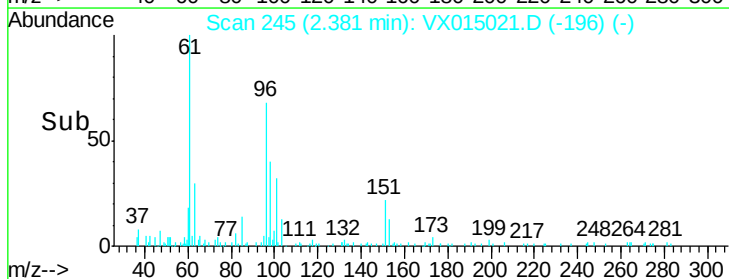
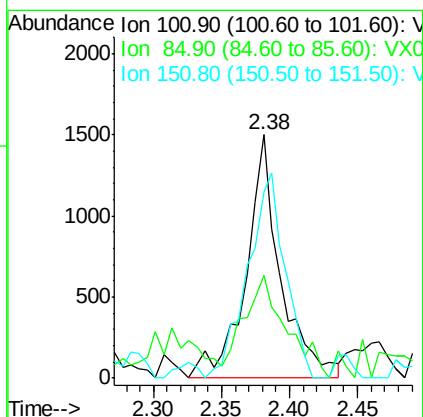
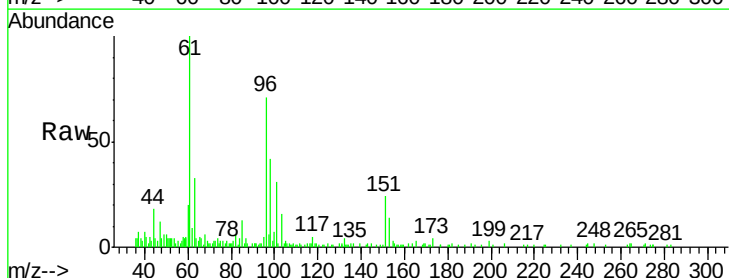
Tgt Ion: 101 Resp: 2665

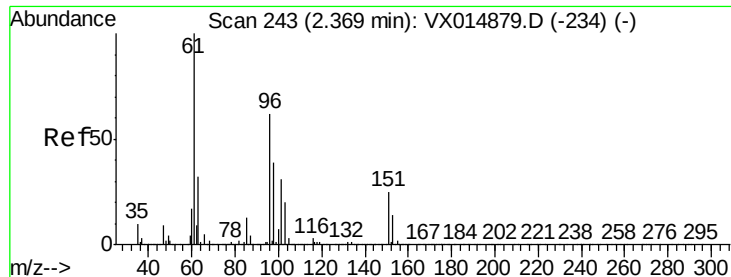
Ion Ratio Lower Upper

101 100

85 52.6 34.1 51.1#

151 91.3 67.3 100.9

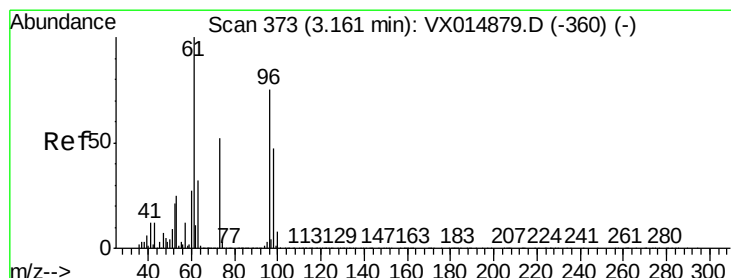
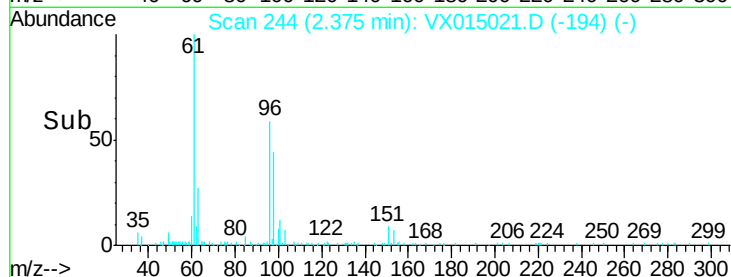
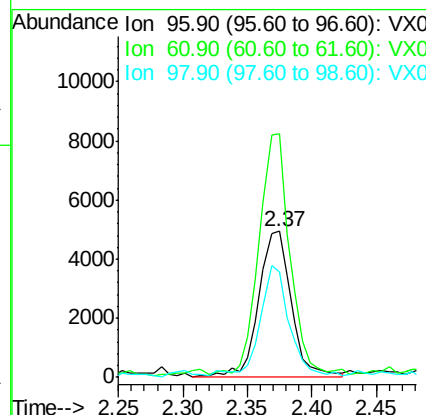
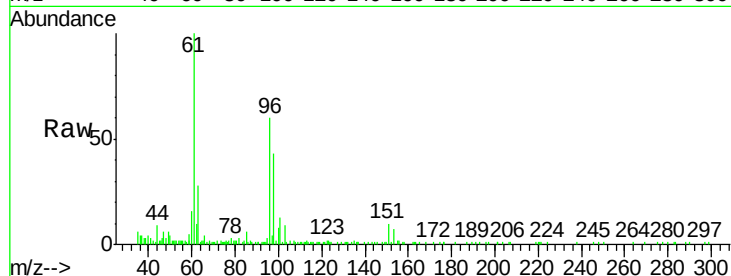




#12
 1,1-Dichloroethene
 Concen: 2.271 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VX015021.D
 Acq: 26 Feb 2020 15:22

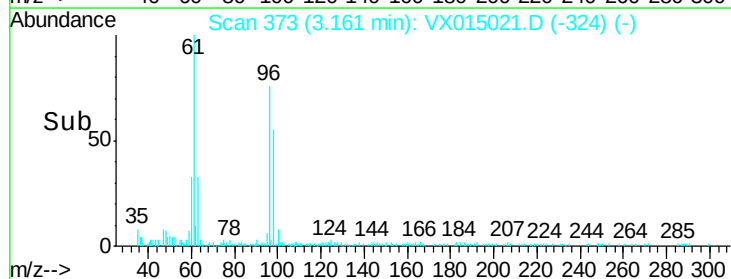
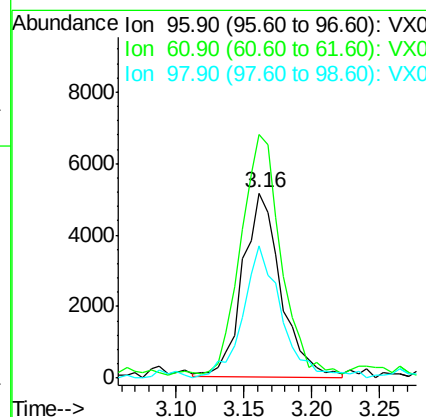
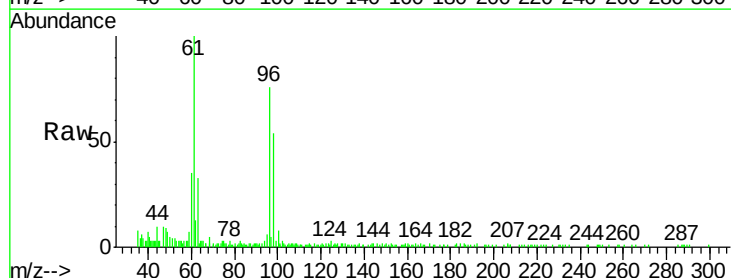
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20200225

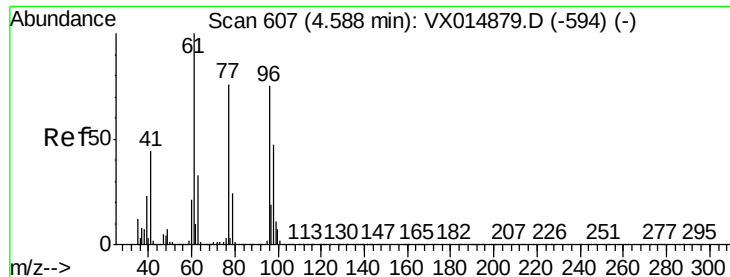
Tot Ion: 96 Resp: 8704
 Ion Ratio Lower Upper
 96 100
 61 161.6 129.5 194.3
 98 70.4 50.6 76.0



#21
 trans-1,2-Dichloroethene
 Concen: 2.423 ug/l
 RT: 3.16 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX015021.D
 Acq: 26 Feb 2020 15:22

Tgt Ion: 96 Resp: 10245
 Ion Ratio Lower Upper
 96 100
 61 132.1 106.9 160.3
 98 73.2 50.7 76.1



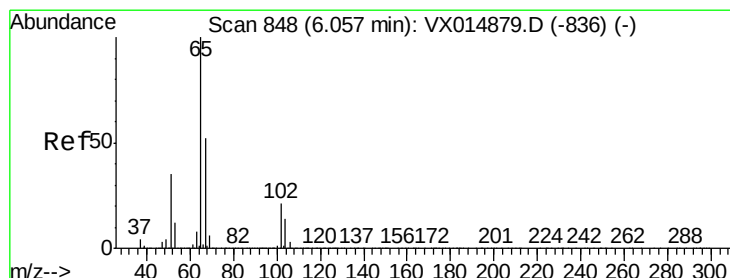
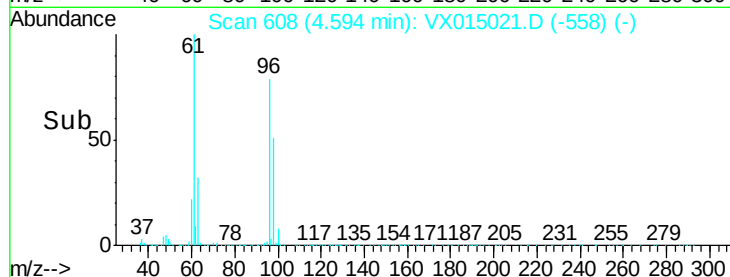
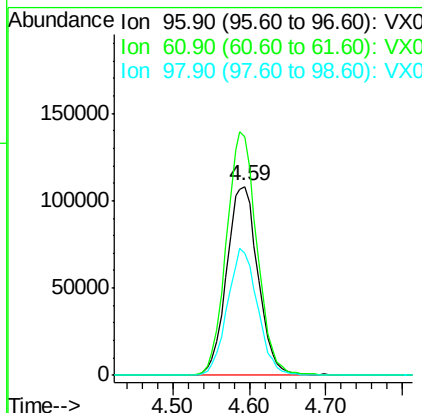
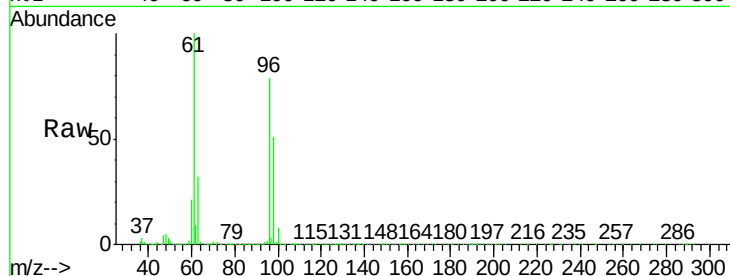


#27

cis-1,2-Dichloroethene
Concen: 64.831 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

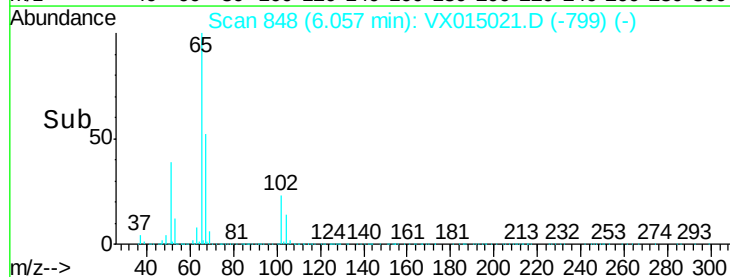
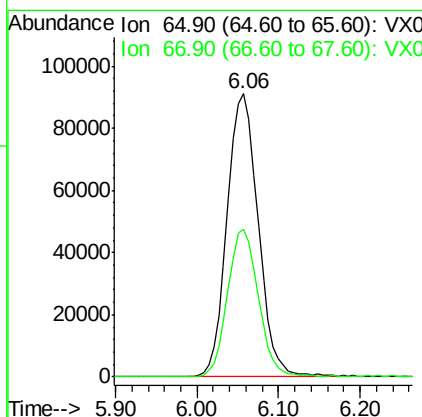
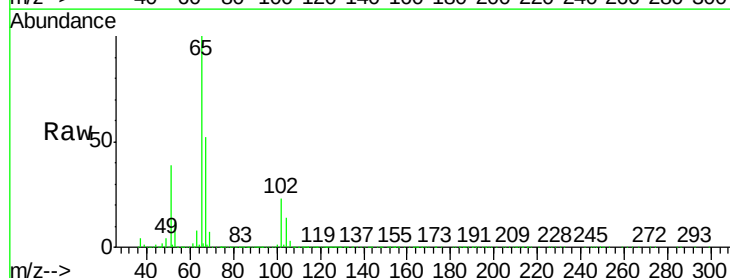
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	286.2
98	64.4	0.0	131.0

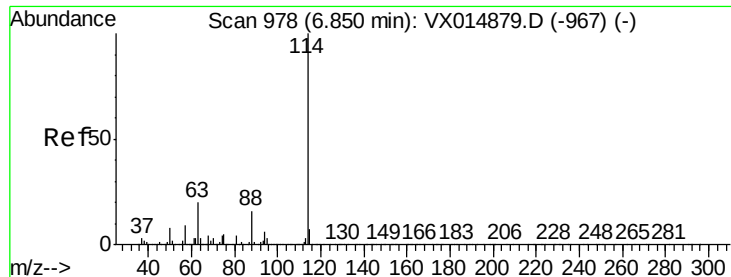


#33

1,2-Dichloroethane-d4
Concen: 50.842 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

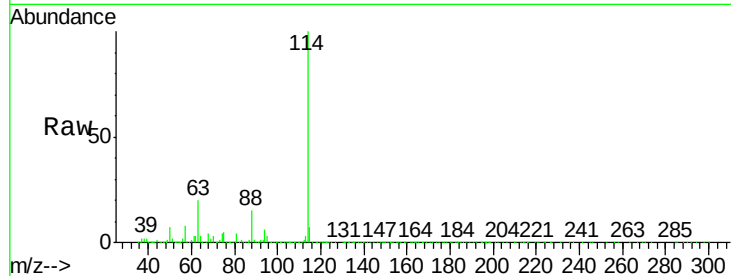
Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tot Ion:114 Resp: 657182

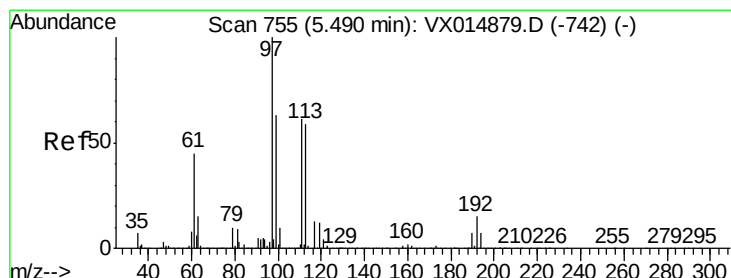
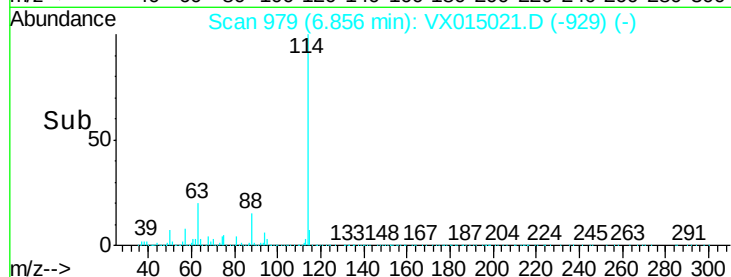
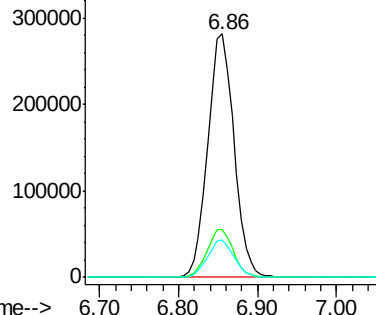
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.2
88	15.3	0.0	32.0



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: 49.747 ug/l

RT: 5.49 min Scan# 755

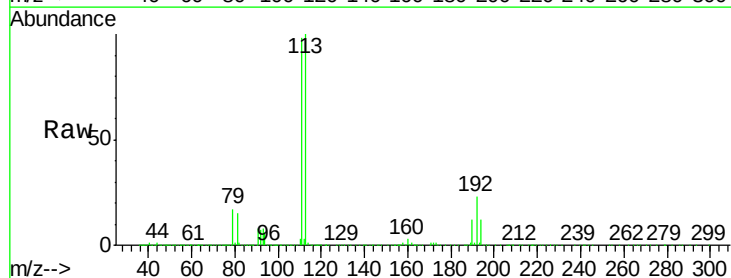
Delta R.T. -0.00 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

Tgt Ion:113 Resp: 200989

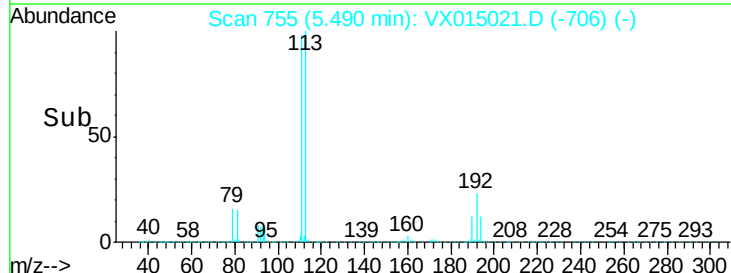
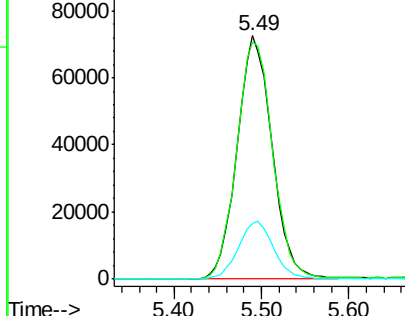
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	24.2	19.1	28.7

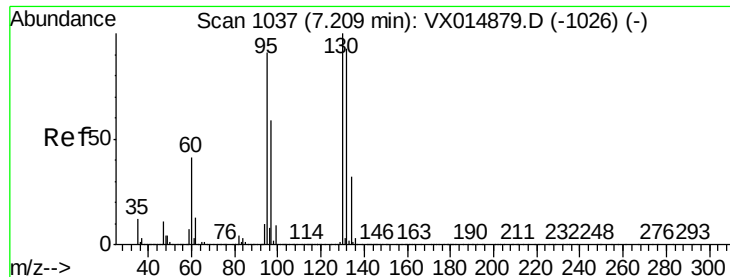


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 304.016 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

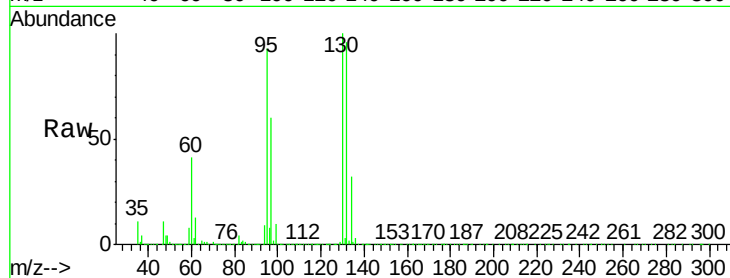
MH-140N-20200225

Tot Ion:130 Resp: 1550160

Ion Ratio Lower Upper

130 100

95 92.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800000

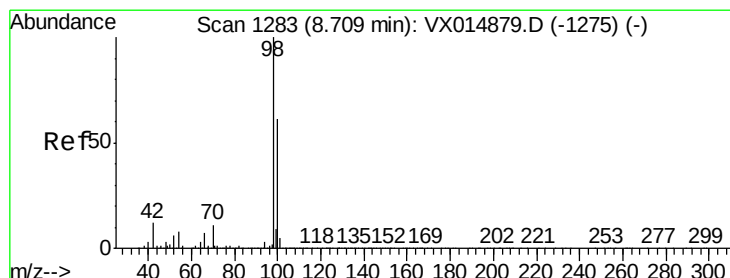
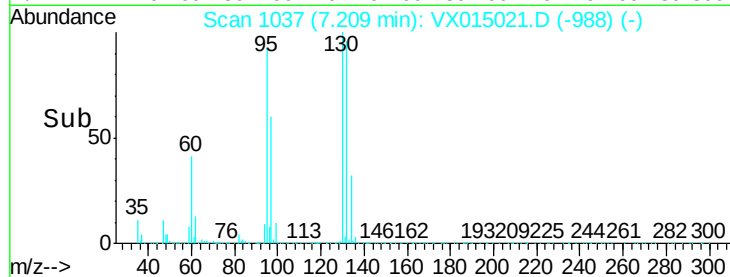
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 51.409 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015021.D

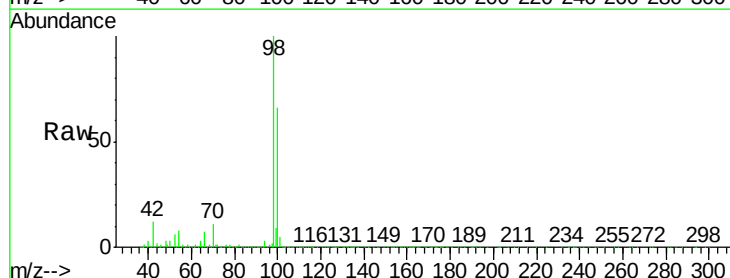
Acq: 26 Feb 2020 15:22

Tgt Ion: 98 Resp: 792821

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

600000

500000

400000

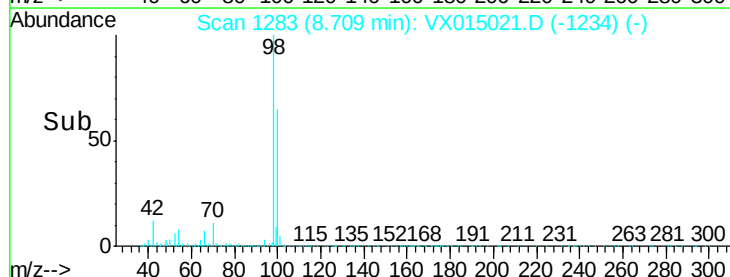
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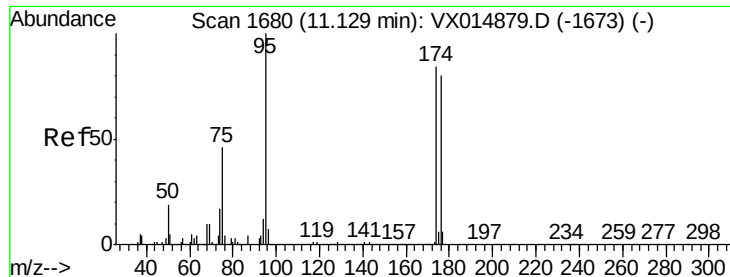
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 53.754 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

MH-140N-20200225

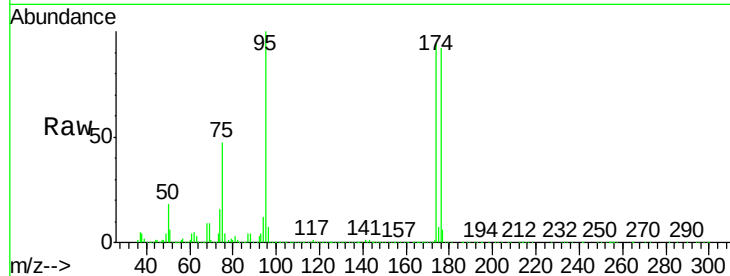
Tot Ion: 95 Resp: 298625

Ion Ratio Lower Upper

95 100

174 89.3 0.0 183.0

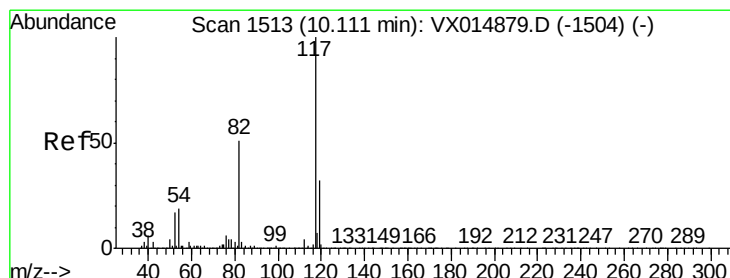
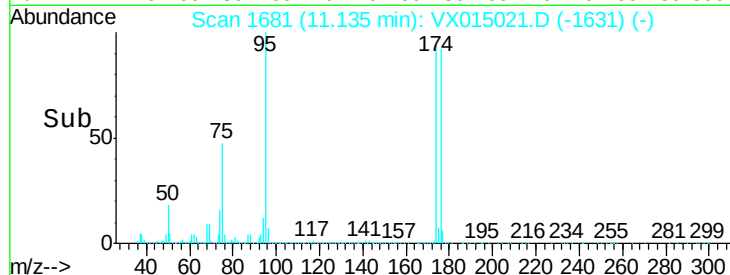
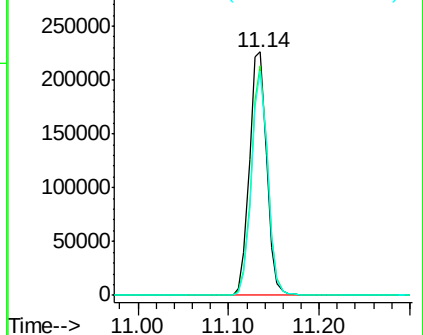
176 86.8 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

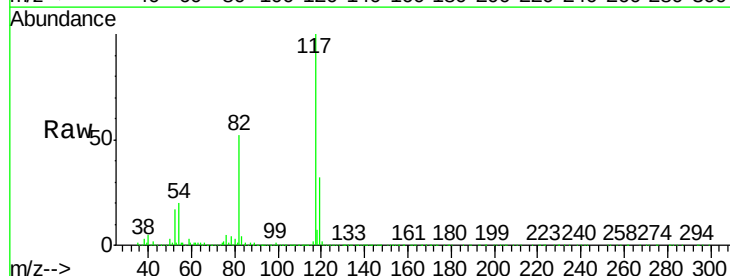
Tgt Ion: 117 Resp: 636509

Ion Ratio Lower Upper

117 100

82 52.0 40.5 60.7

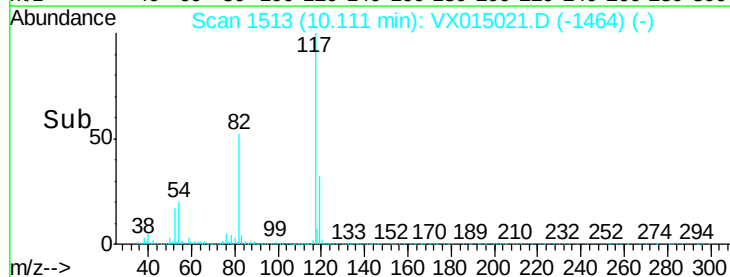
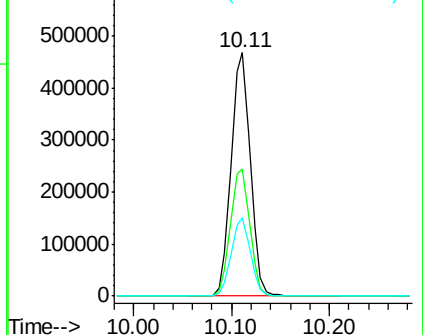
119 32.2 25.8 38.6

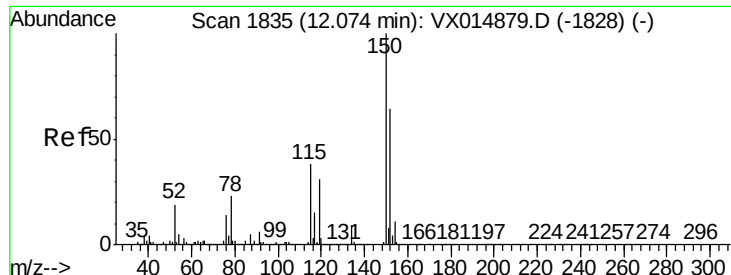


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015021.D

Acq: 26 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

MH-140N-20200225

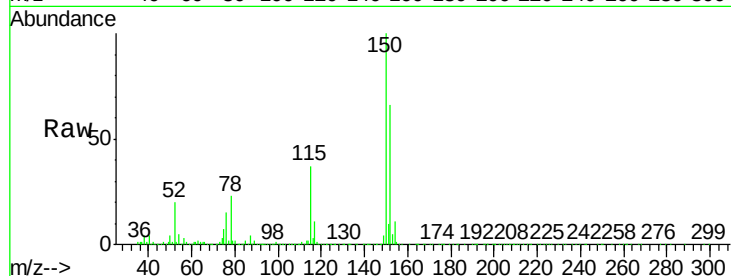
Tot Ion:152 Resp: 326836

Ion Ratio Lower Upper

152 100

115 56.4 38.6 116.0

150 157.0 0.0 349.0



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

