

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015297.D
 Acq On : 16 Mar 2020 16:20
 Operator : JC/SP
 Sample : L1945-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20200313

Quant Time: Mar 17 14:34:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

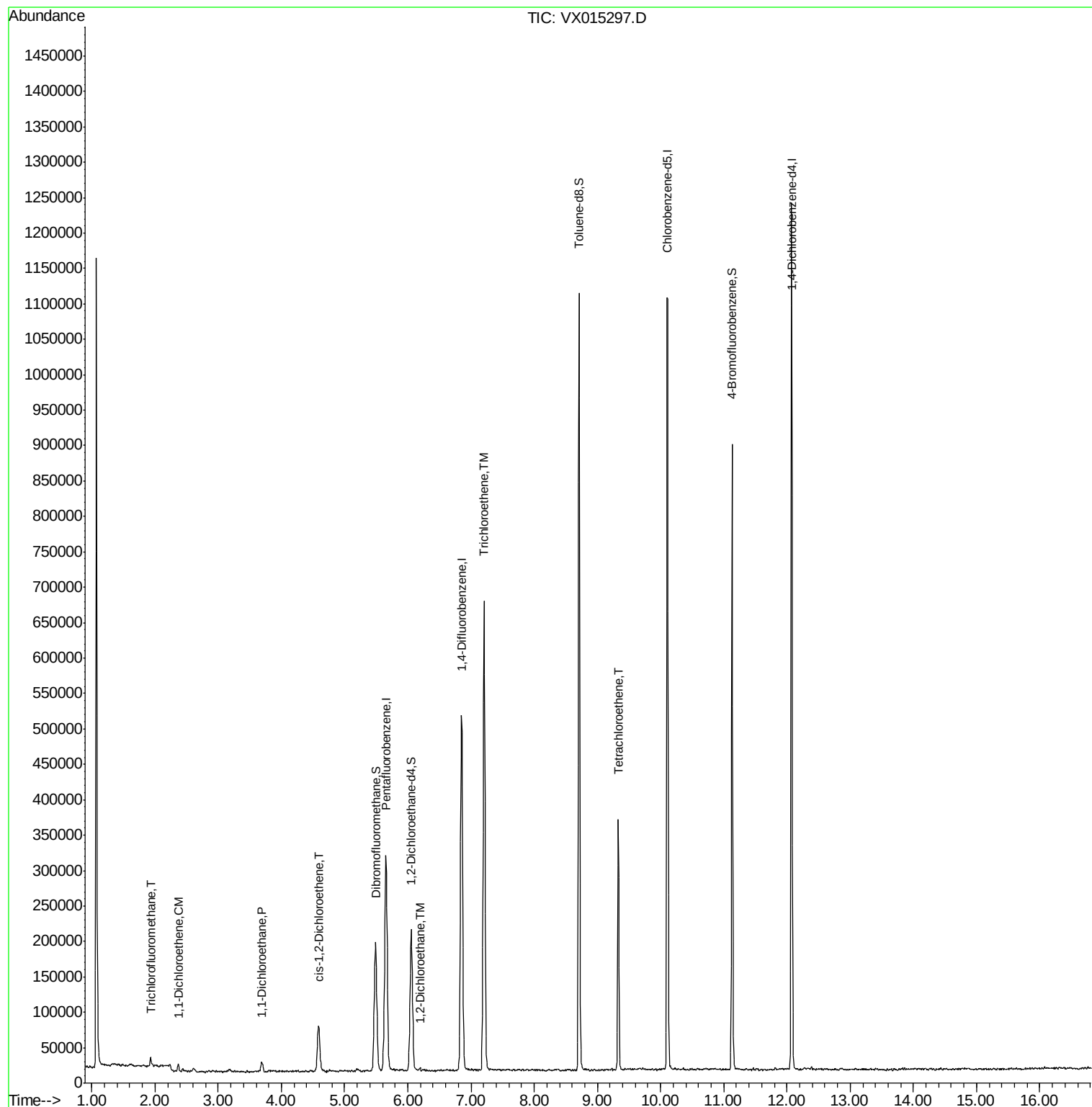
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	315607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	515095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	521076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	264209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	184234	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	154943	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	8.71	98	638496	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.13	95	236938	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
Target Compounds						
7) Trichlorofluoromethane	1.93	101	8631	1.827	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3593	1.172	ug/l #	82
24) 1,1-Dichloroethane	3.69	63	15545	2.629	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	42845	11.662	ug/l	90
42) 1,2-Dichloroethane	6.19	62	2339	0.482	ug/l #	69
44) Trichloroethene	7.21	130	262391	66.690	ug/l	99
64) Tetrachloroethene	9.33	164	70739	16.419	ug/l	96

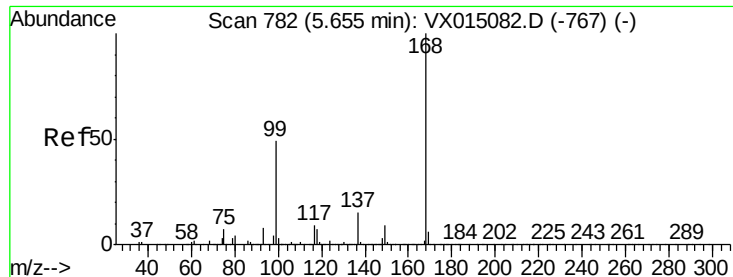
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 14:19:10 2020
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: VX015297.D

Acq: 16 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

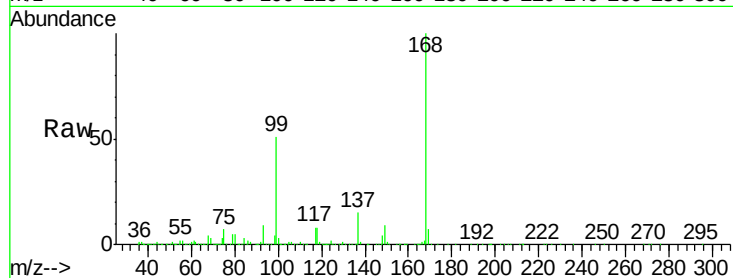
MW202D-20200313

Tot Ion:168 Resp: 315607

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

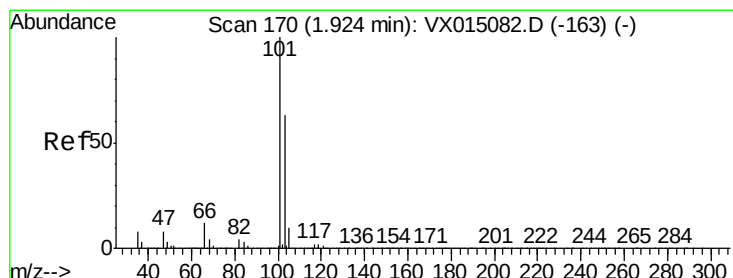
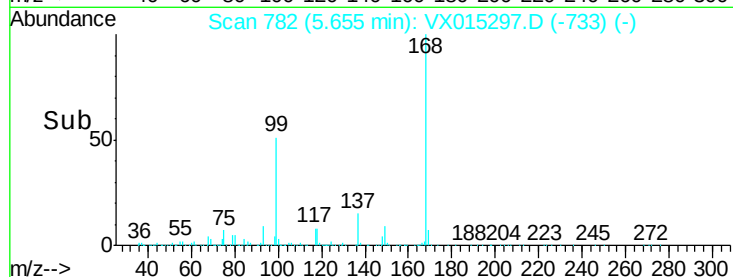
60000

40000

20000

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.827 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX015297.D

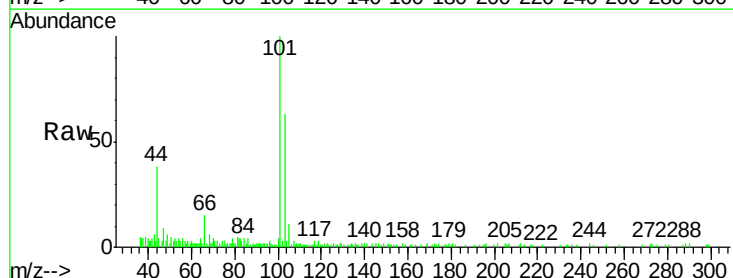
Acq: 16 Mar 2020 16:20

Tgt Ion:101 Resp: 8631

Ion Ratio Lower Upper

101 100

103 62.2 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

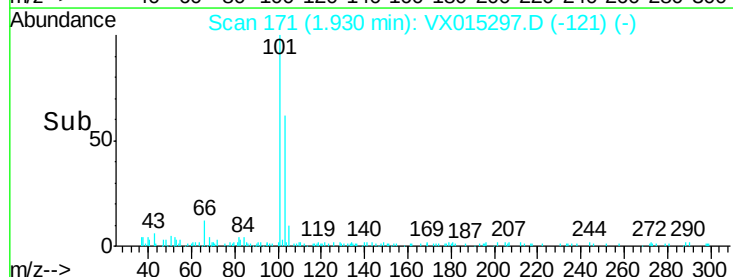
6000

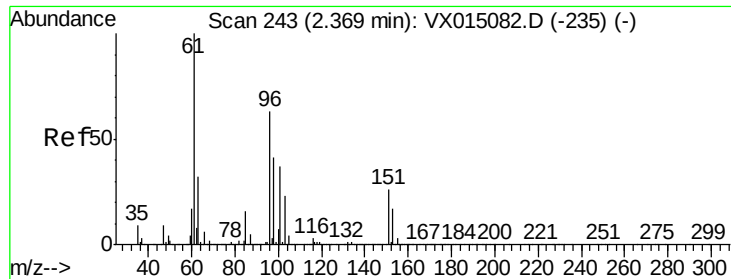
4000

2000

0

Time-->

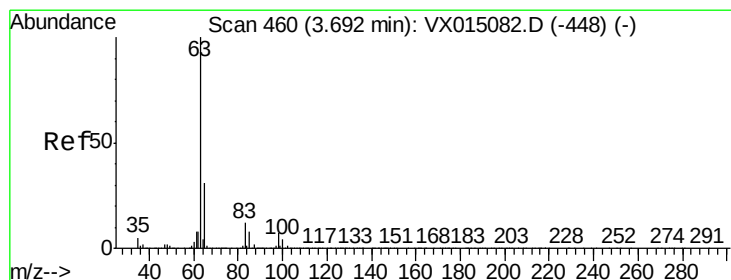
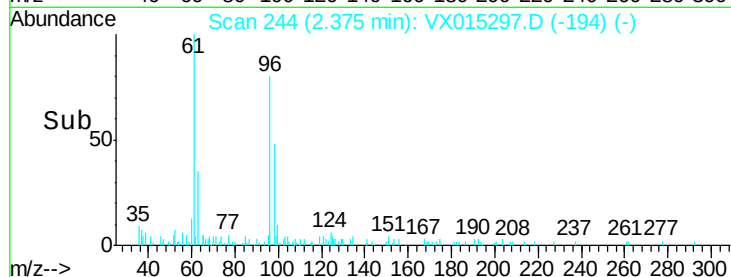
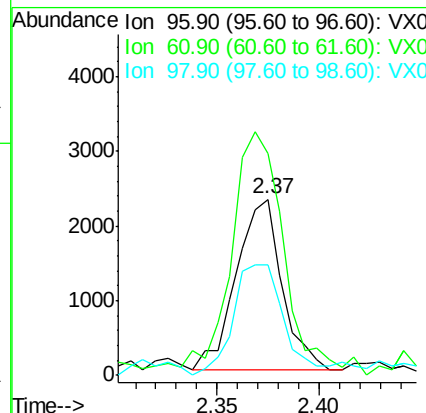
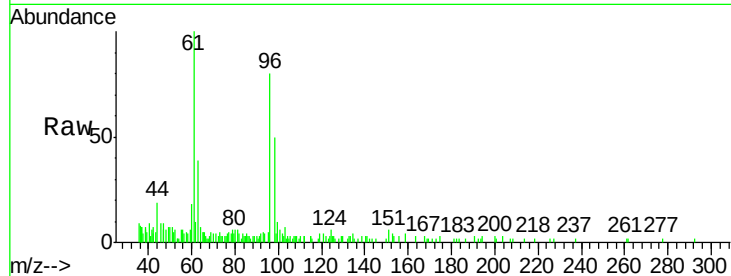




#12
 1,1-Dichloroethene
 Concen: 1.172 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VX015297.D
 Acq: 16 Mar 2020 16:20

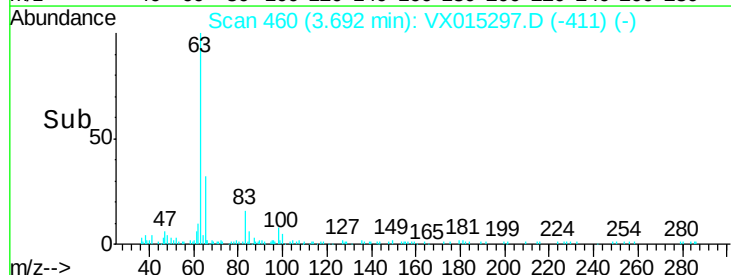
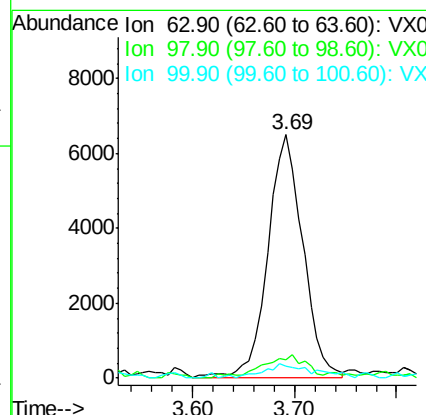
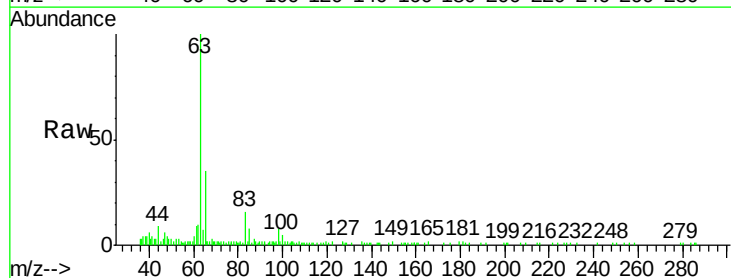
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20200313

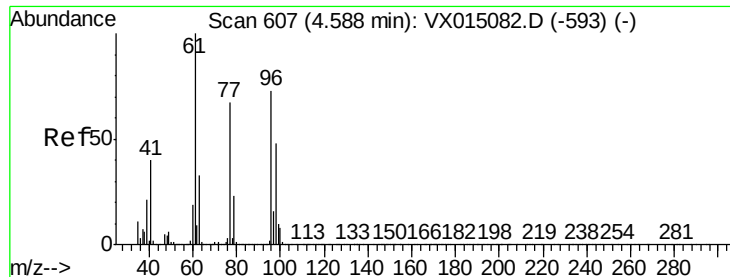
Tot Ion: 96 Resp: 3593
 Ion Ratio Lower Upper
 96 100
 61 124.8 126.2 189.4#
 98 64.4 51.4 77.0



#24
 1,1-Dichloroethane
 Concen: 2.629 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: VX015297.D
 Acq: 16 Mar 2020 16:20

Tgt Ion: 63 Resp: 15545
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 3.7 2.1 6.5



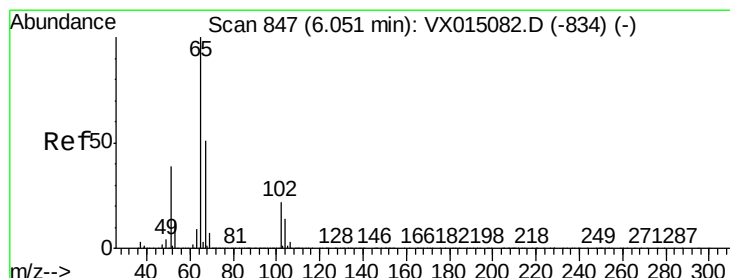
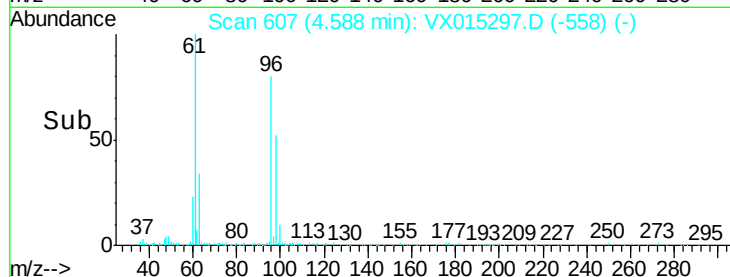
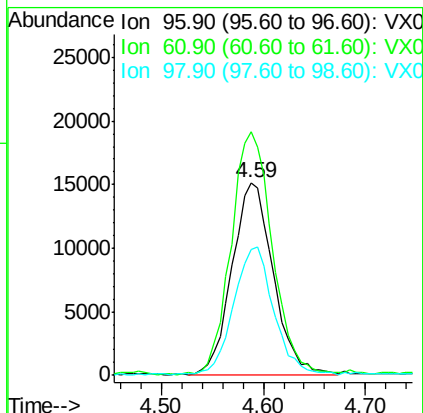
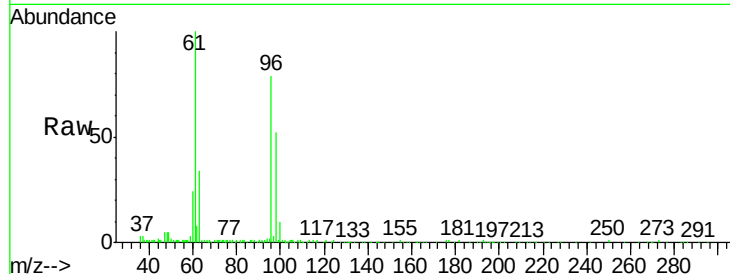


#27

cis-1,2-Dichloroethene
Concen: 11.662 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015297.D
Acq: 16 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20200313

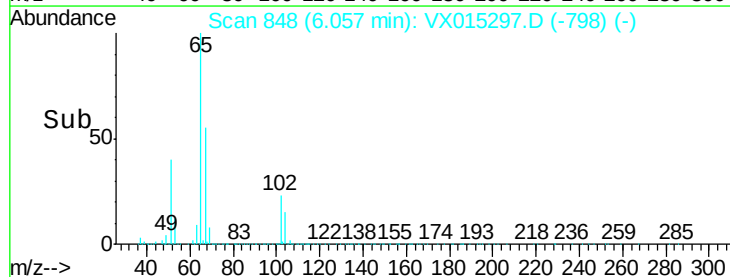
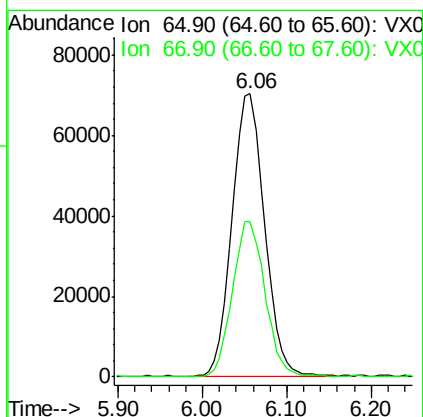
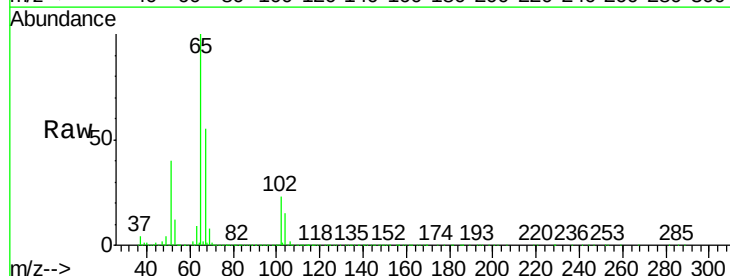
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	286.8
98	63.7	0.0	128.4

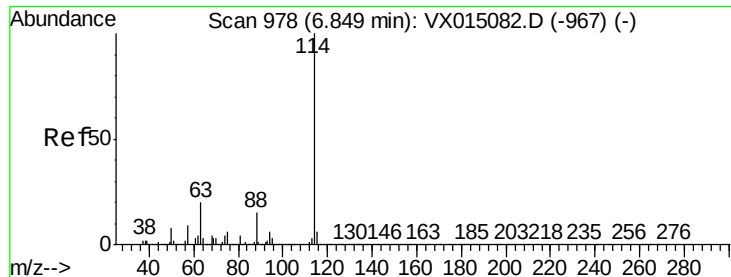


#33

1,2-Dichloroethane-d4
Concen: 49.204 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015297.D
Acq: 16 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015297.D

Acq: 16 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20200313

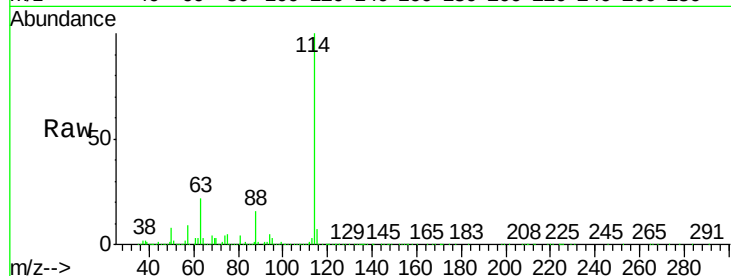
Tot Ion:114 Resp: 515095

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

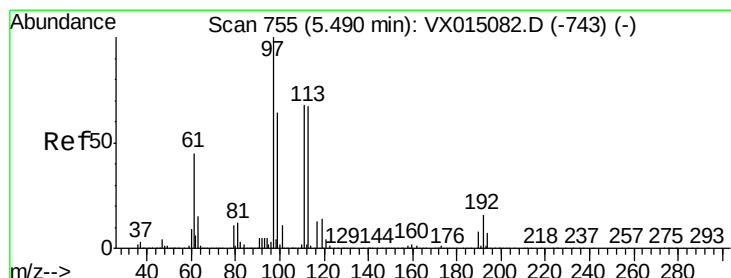
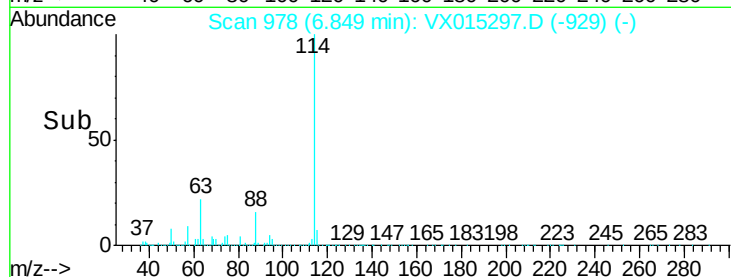
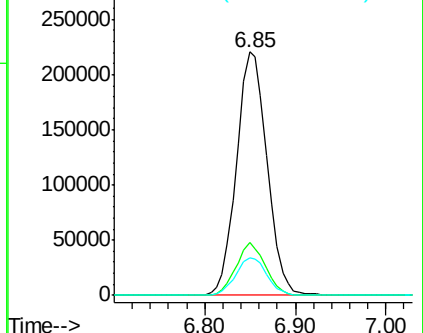
88 15.5 0.0 30.6



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: 47.681 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015297.D

Acq: 16 Mar 2020 16:20

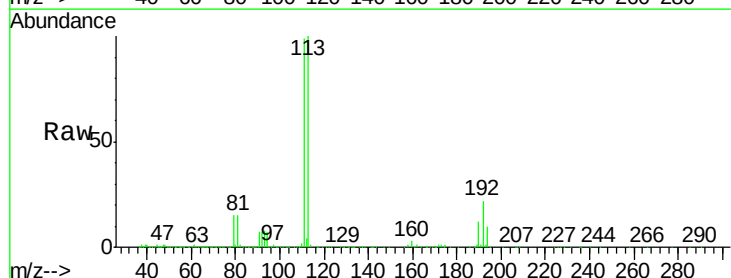
Tgt Ion:113 Resp: 154943

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

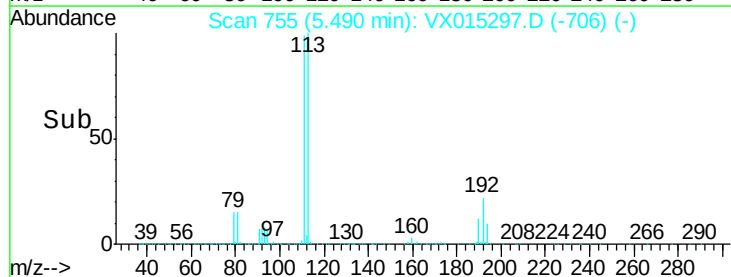
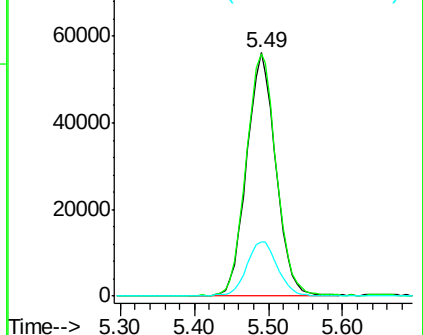
192 23.8 18.6 28.0

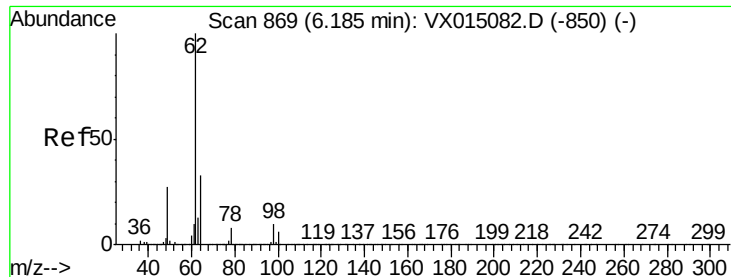


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 0.482 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX015297.D

Acq: 16 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

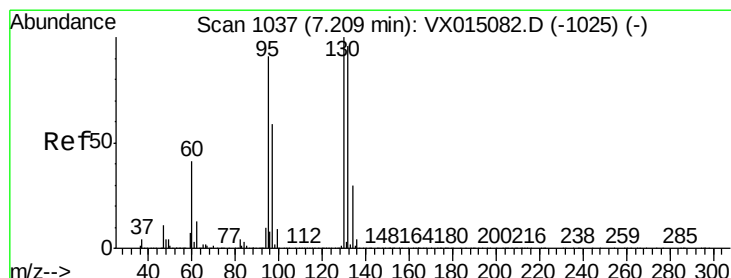
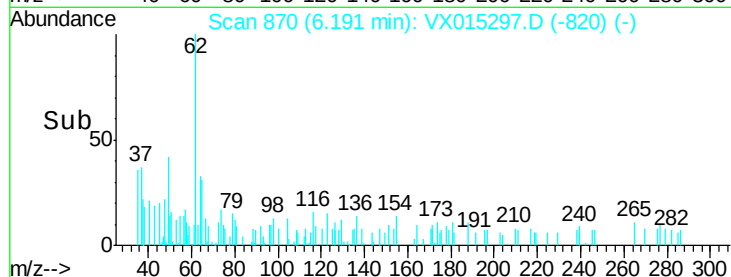
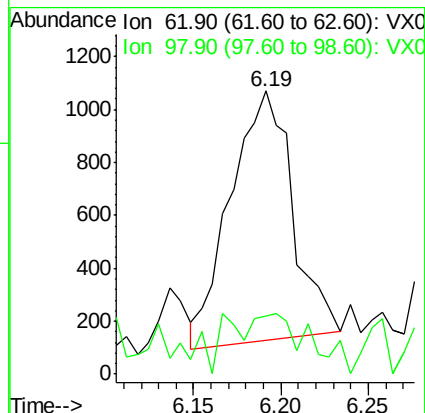
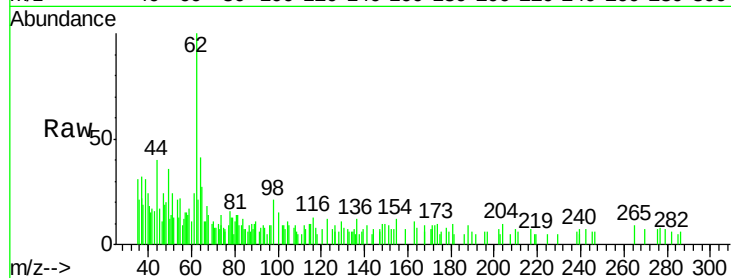
MW202D-20200313

Tot Ion: 62 Resp: 2339

Ion Ratio Lower Upper

62 100

98 22.0 0.0 20.6#



#44

Trichloroethene

Concen: 66.690 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015297.D

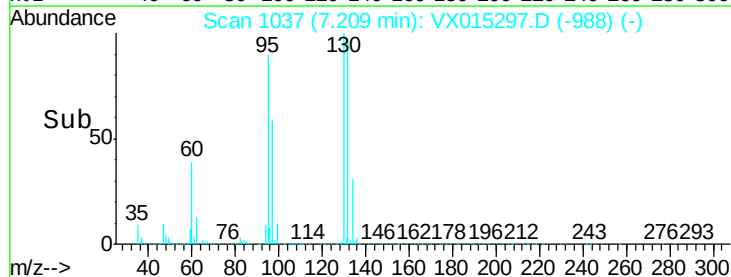
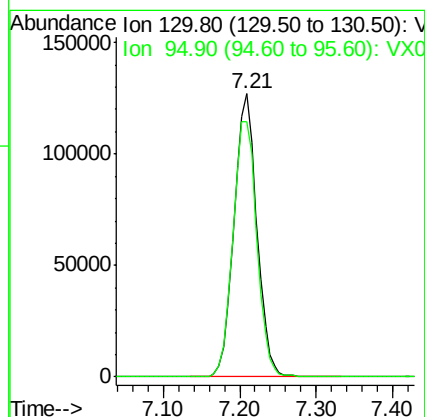
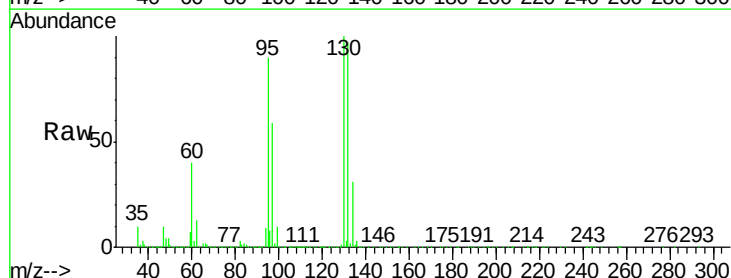
Acq: 16 Mar 2020 16:20

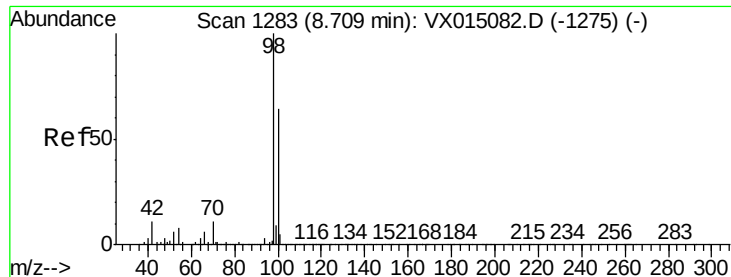
Tgt Ion:130 Resp: 262391

Ion Ratio Lower Upper

130 100

95 90.0 0.0 181.2





#50

Toluene-d8

Concen: 51.654 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015297.D

Acq: 16 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

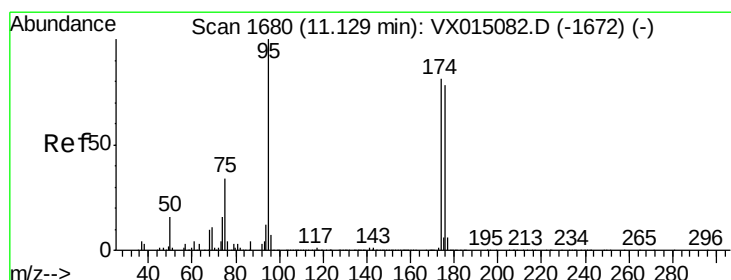
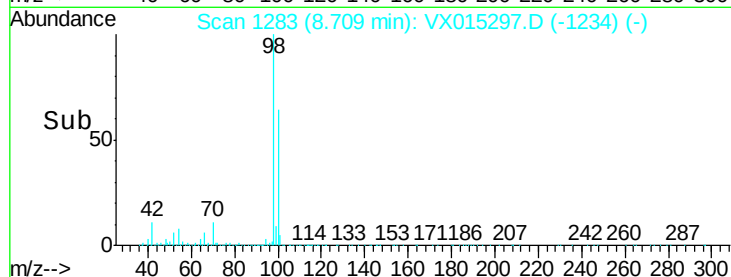
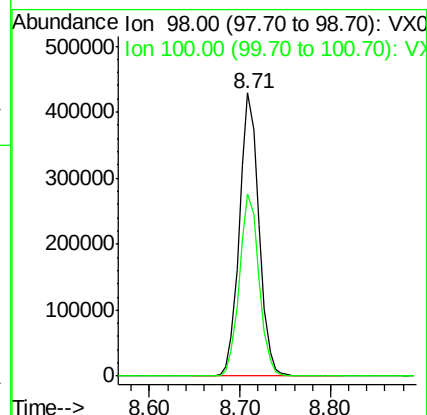
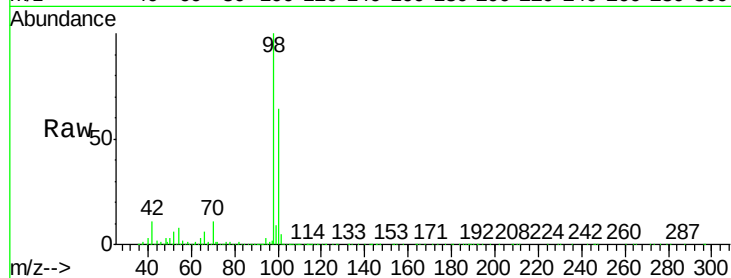
MW202D-20200313

Tot Ion: 98 Resp: 638496

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.739 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015297.D

Acq: 16 Mar 2020 16:20

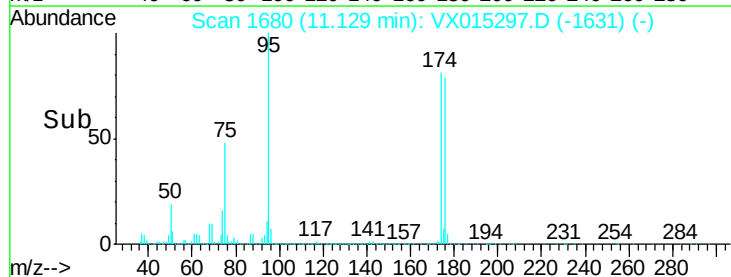
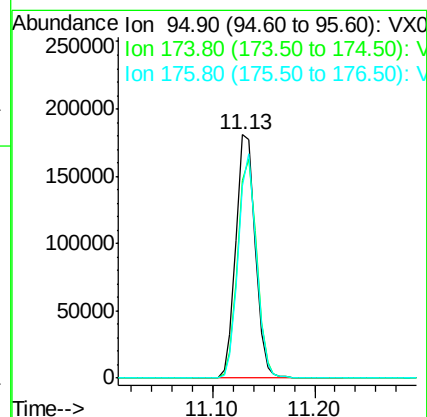
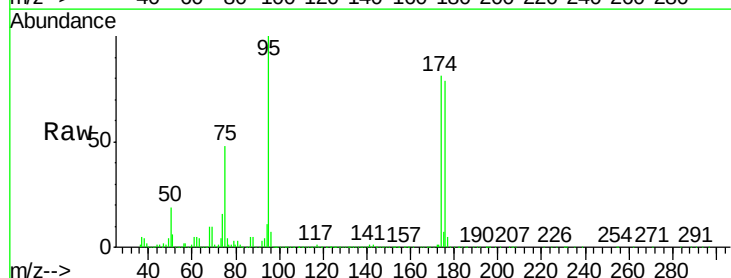
Tgt Ion: 95 Resp: 236938

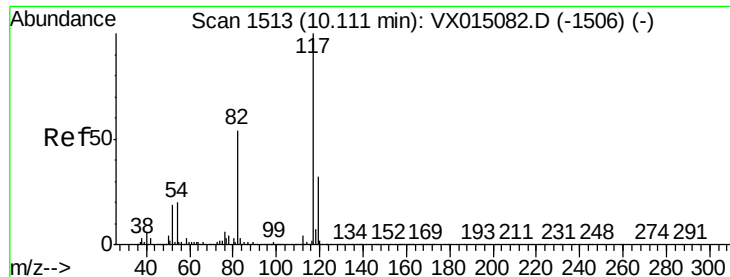
Ion Ratio Lower Upper

95 100

174 88.4 0.0 177.6

176 86.4 0.0 170.2

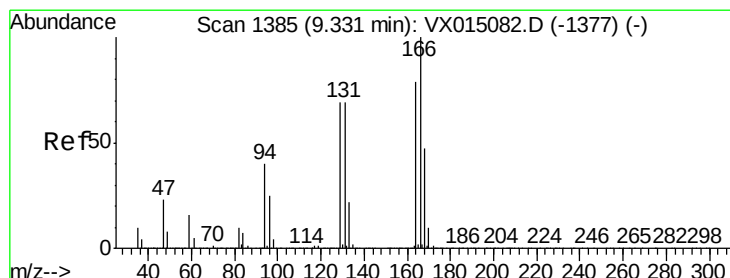
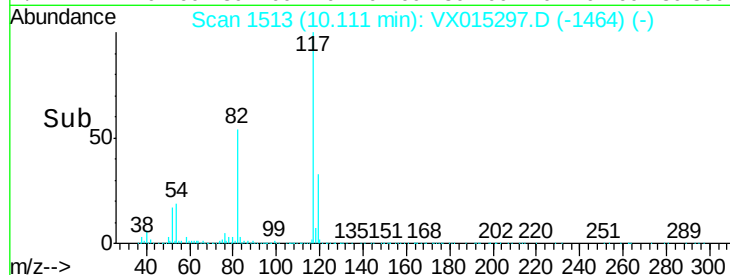
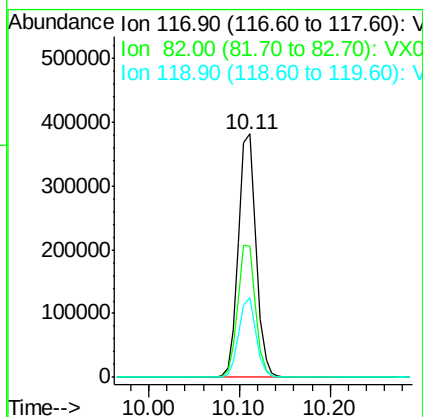
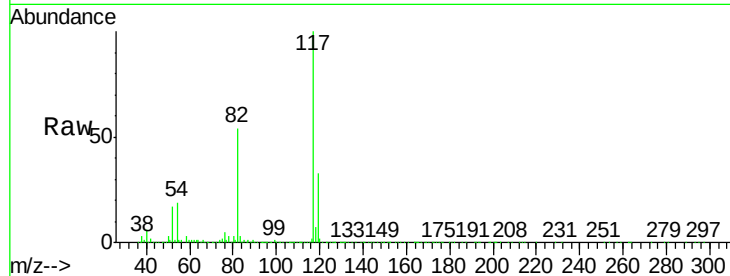




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015297.D
Acq: 16 Mar 2020 16:20

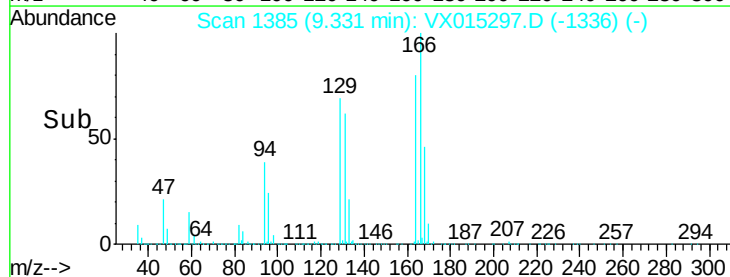
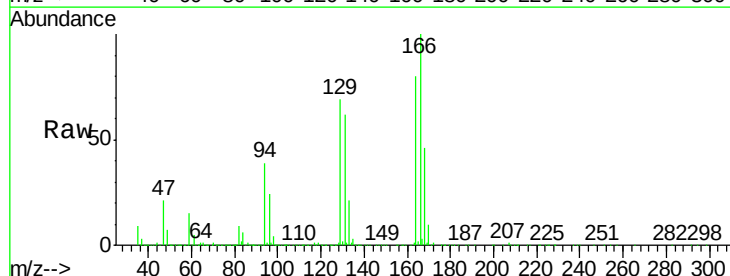
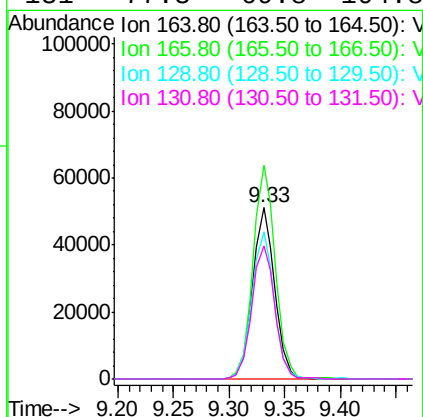
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20200313

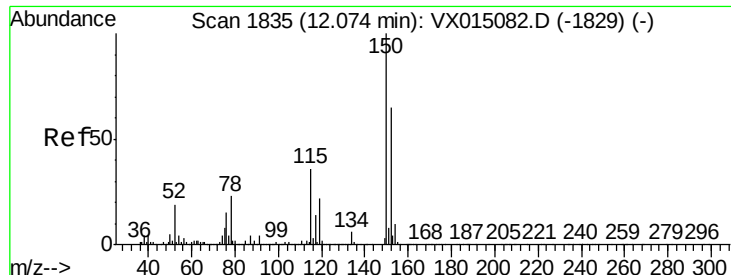
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	32.6	25.8	38.8



#64
Tetrachloroethene
Concen: 16.419 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015297.D
Acq: 16 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.1	151.7
129	85.7	69.4	104.0
131	77.3	69.8	104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015297.D

Acq: 16 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20200313

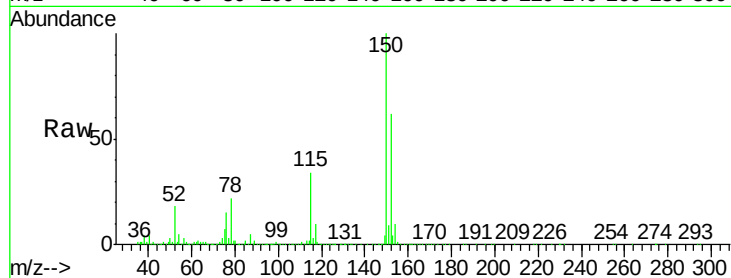
Tot Ion:152 Resp: 264209

Ion Ratio Lower Upper

152 100

115 55.1 38.2 114.6

150 157.4 0.0 343.8



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

