

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015251.D
 Acq On : 13 Mar 2020 11:56
 Operator : JC/SP
 Sample : L1903-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20200310

Quant Time: Mar 16 09:02:06 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

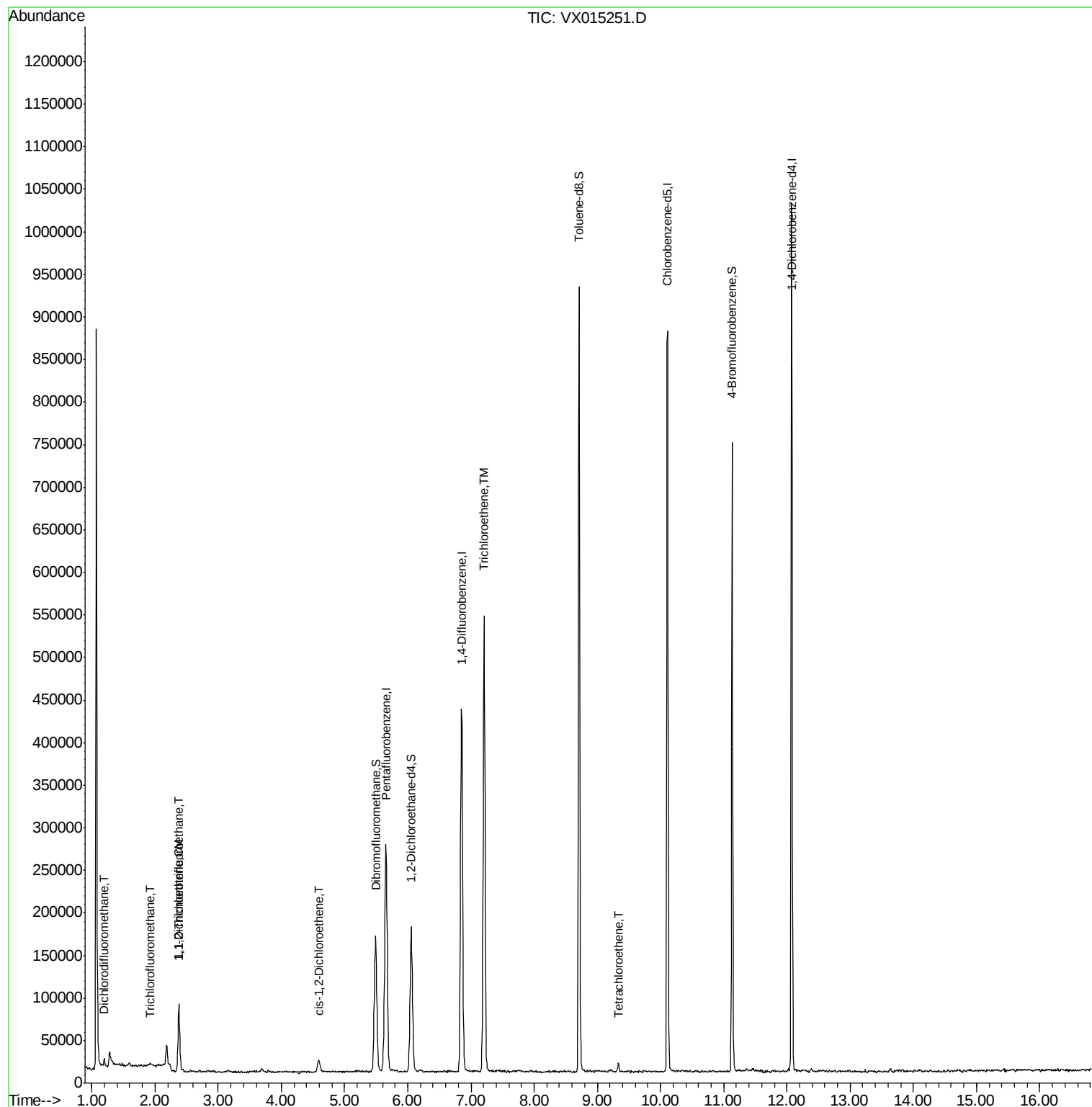
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	277310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	435687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	210563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	155590	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	5.49	113	131905	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	531585	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	196651	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
Target Compounds						
2) Dichlorodifluoromethane	1.19	85	4045	1.666	ug/l	73
7) Trichlorofluoromethane	1.93	101	1493	0.360	ug/l #	73
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27904	10.686	ug/l	95
12) 1,1-Dichloroethene	2.37	96	5956	2.210	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	9512	2.947	ug/l	86
44) Trichloroethene	7.21	130	214650	64.499	ug/l	99
64) Tetrachloroethene	9.33	164	1781	0.513	ug/l #	82

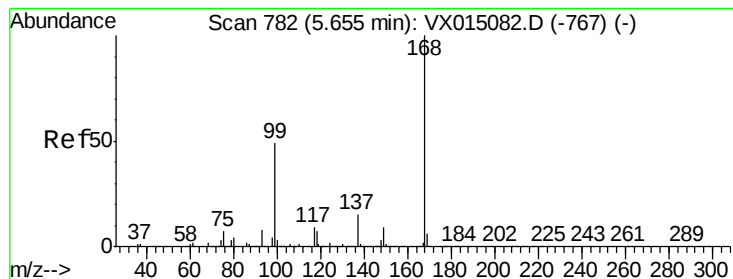
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031320\
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Quant Title : SW846 8260
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: VX015251.D

Acq: 13 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

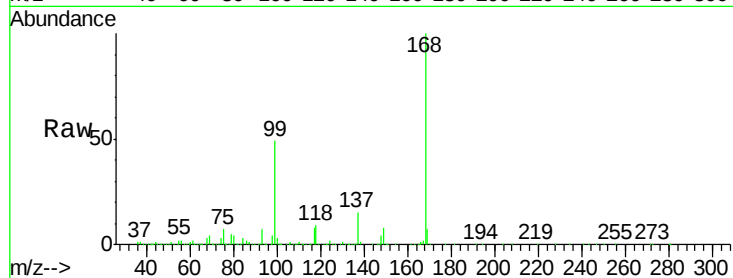
TT101D-20200310

Tot Ion:168 Resp: 277310

Ion Ratio Lower Upper

168 100

99 49.4 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

100000

80000

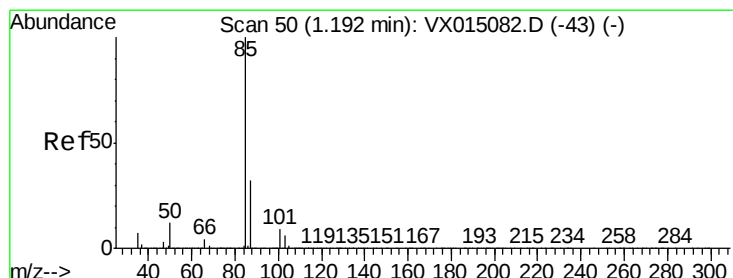
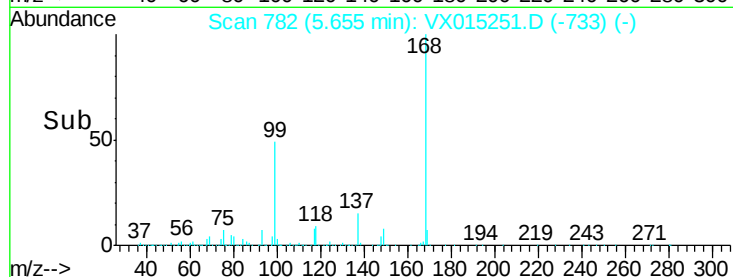
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.666 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015251.D

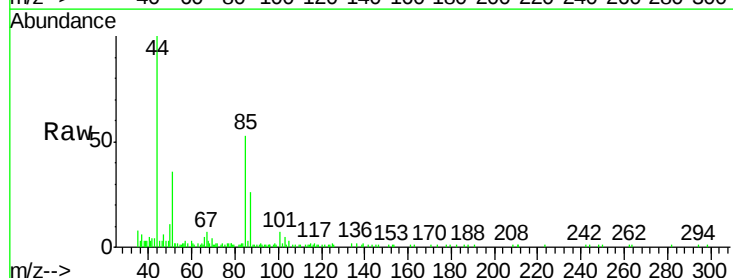
Acq: 13 Mar 2020 11:56

Tgt Ion: 85 Resp: 4045

Ion Ratio Lower Upper

85 100

87 47.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

4000

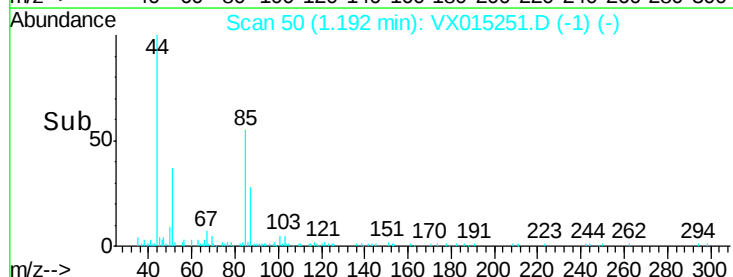
3000

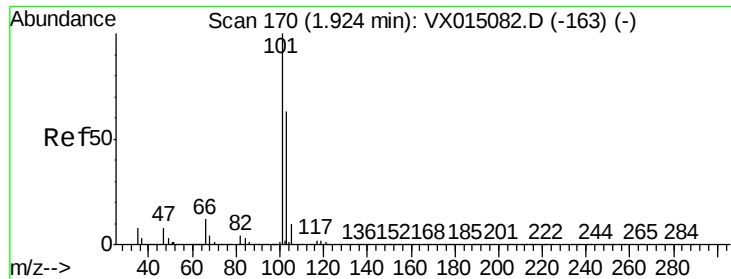
2000

1000

0

Time-->



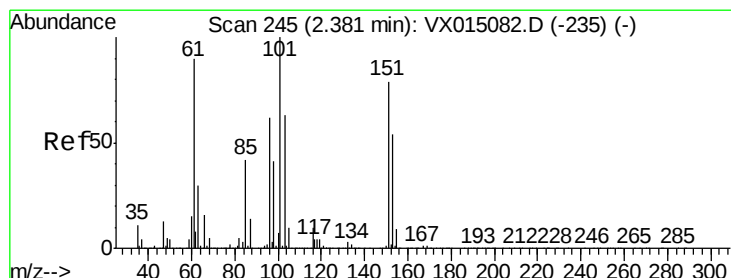
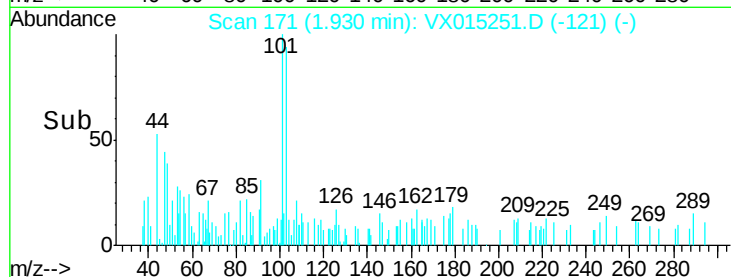
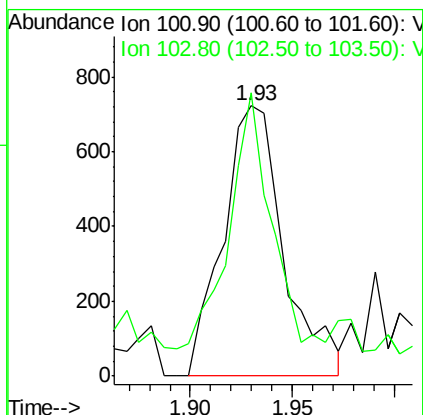
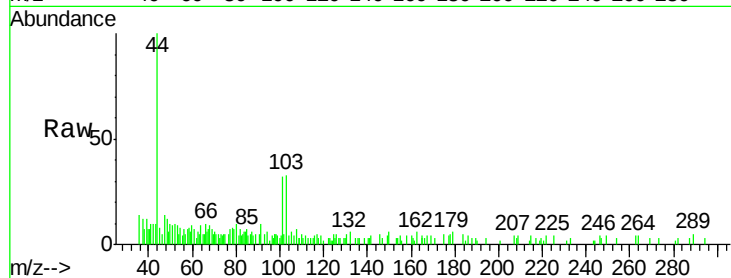


#7

Trichlorofluoromethane
 Concen: 0.360 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX015251.D
 Acq: 13 Mar 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20200310

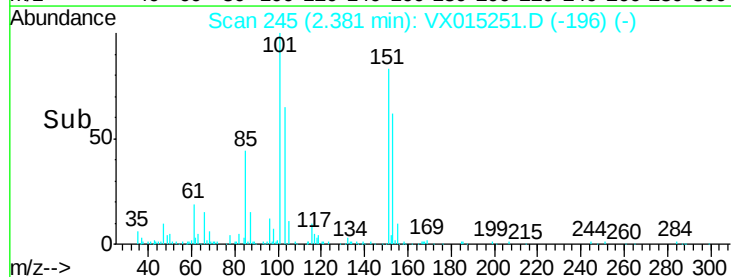
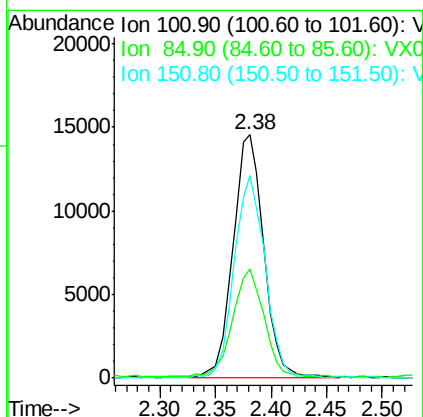
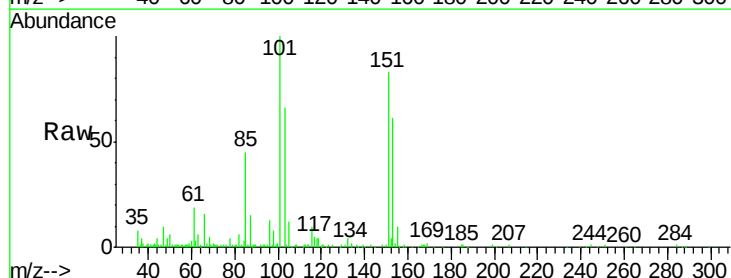
Tot Ion:101 Resp: 1493
 Ion Ratio Lower Upper
 101 100
 103 84.2 50.4 75.6#

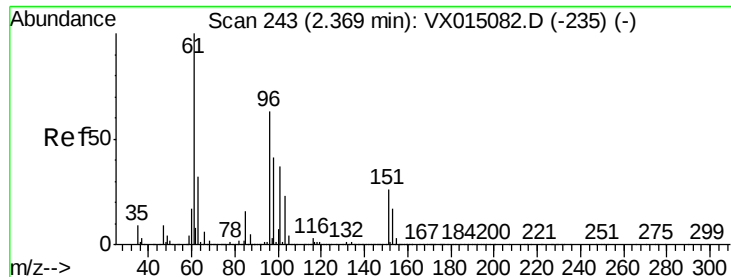


#9

1,1,2-Trichlorotrifluoroethane
 Concen: 10.686 ug/l
 RT: 2.38 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VX015251.D
 Acq: 13 Mar 2020 11:56

Tgt Ion:101 Resp: 27904
 Ion Ratio Lower Upper
 101 100
 85 45.6 33.7 50.5
 151 83.9 64.0 96.0





#12

1,1-Dichloroethene

Concen: 2.210 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015251.D

Acq: 13 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20200310

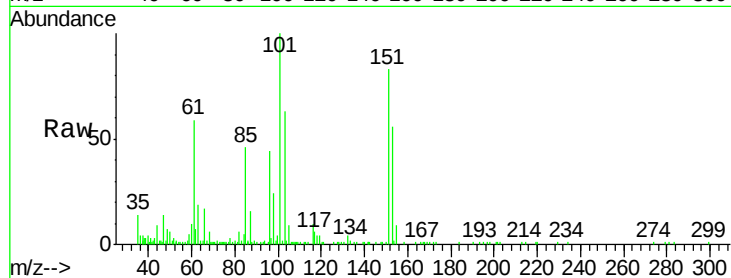
Tot Ion: 96 Resp: 5956

Ion Ratio Lower Upper

96 100

61 135.1 126.2 189.4

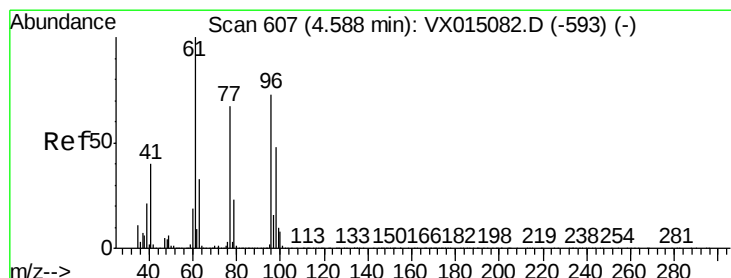
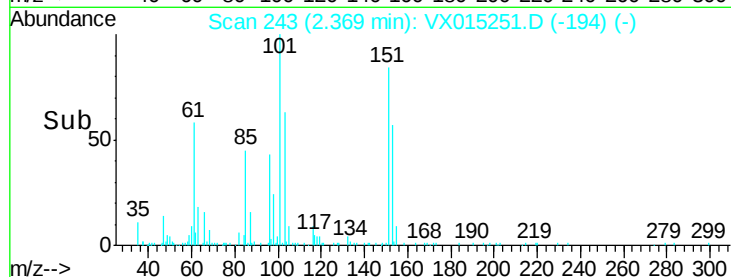
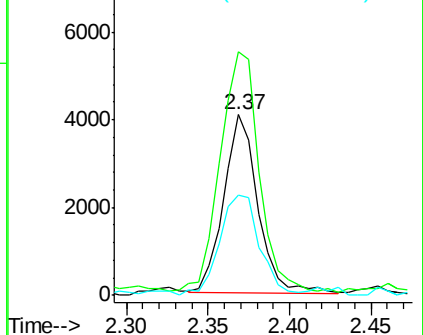
98 53.3 51.4 77.0



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



#27

cis-1,2-Dichloroethene

Concen: 2.947 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015251.D

Acq: 13 Mar 2020 11:56

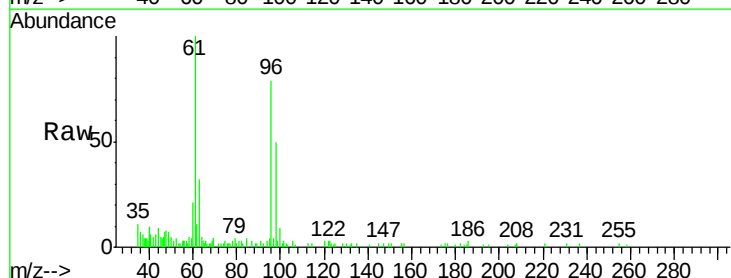
Tgt Ion: 96 Resp: 9512

Ion Ratio Lower Upper

96 100

61 122.0 0.0 286.8

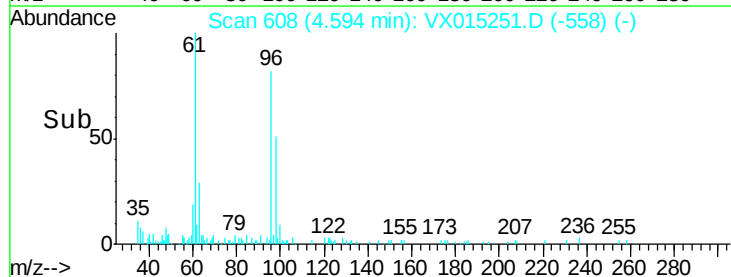
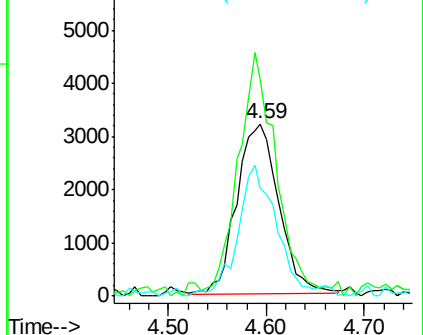
98 70.4 0.0 128.4

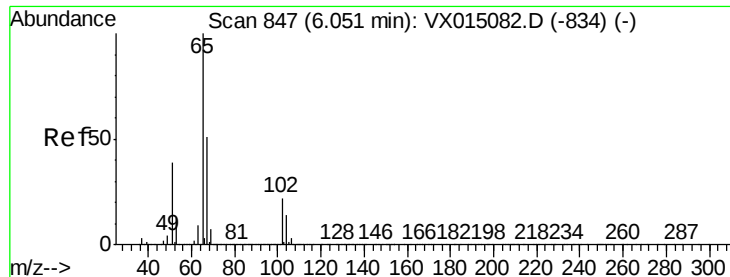


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.293 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015251.D

Acq: 13 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

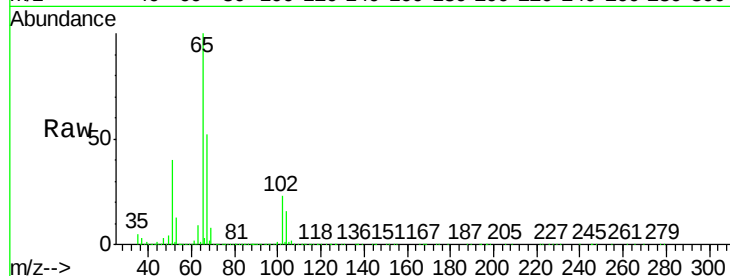
TT101D-20200310

Tot Ion: 65 Resp: 155590

Ion Ratio Lower Upper

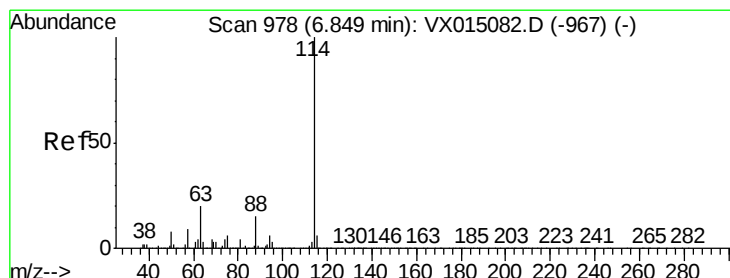
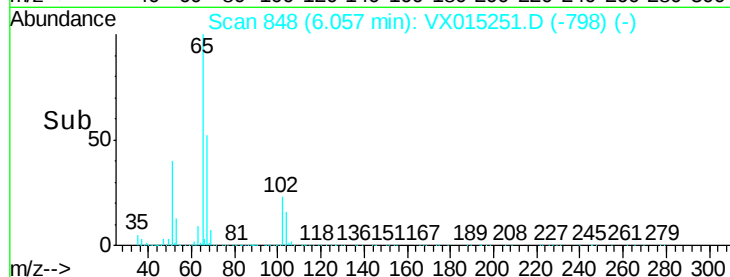
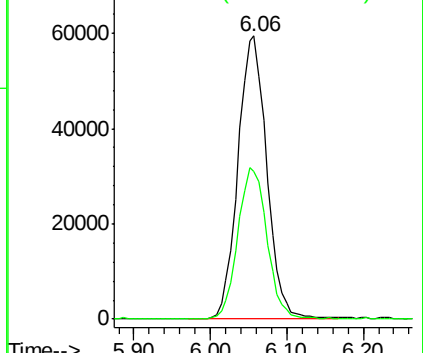
65 100

67 54.2 0.0 105.6



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015251.D

Acq: 13 Mar 2020 11:56

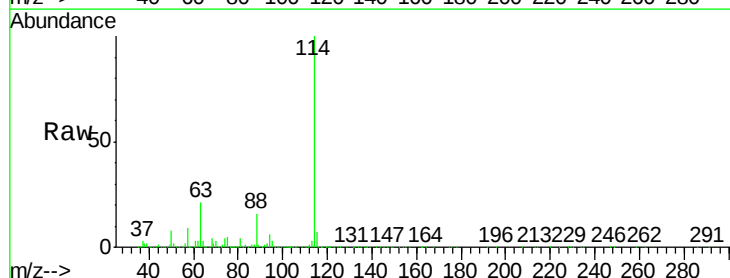
Tgt Ion: 114 Resp: 435687

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

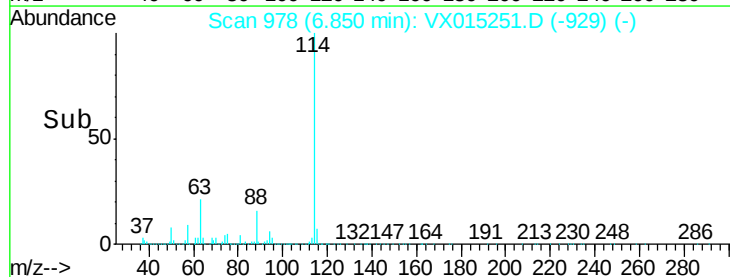
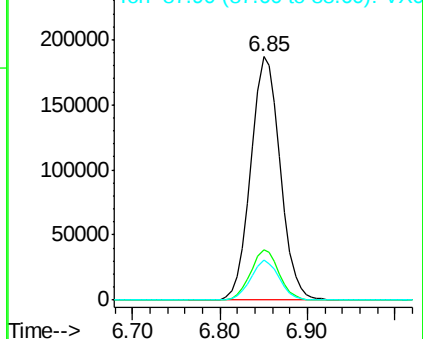
88 16.5 0.0 30.6

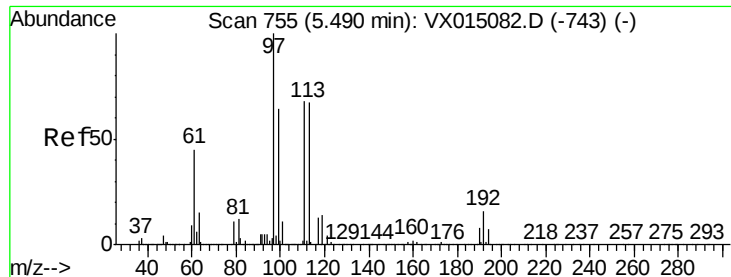


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.990 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015251.D

Acq: 13 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20200310

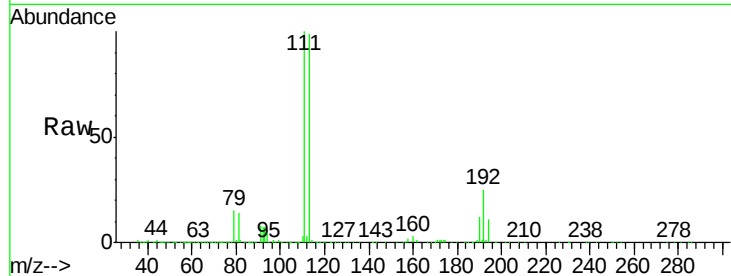
Tot Ion:113 Resp: 131905

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

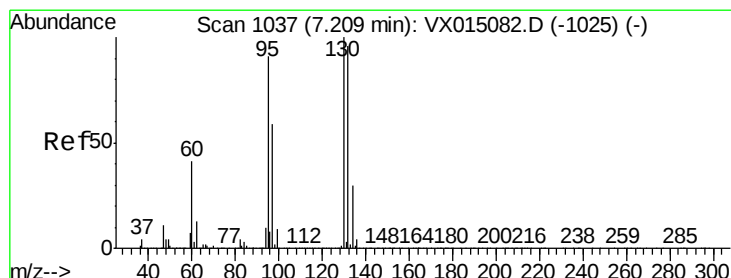
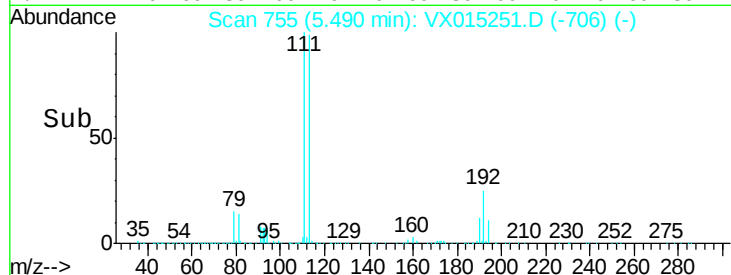
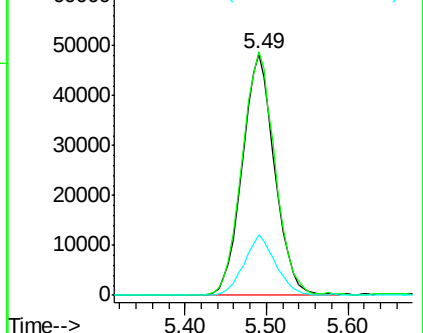
192 24.5 18.6 28.0



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



#44

Trichloroethene

Concen: 64.499 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015251.D

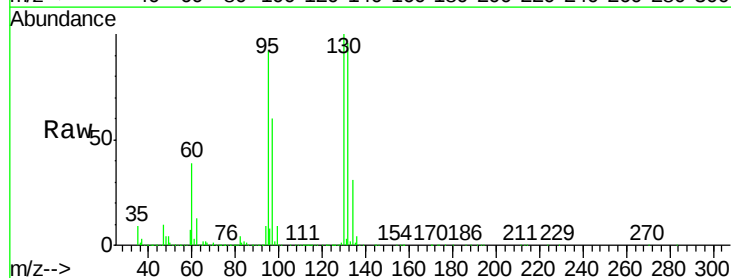
Acq: 13 Mar 2020 11:56

Tgt Ion:130 Resp: 214650

Ion Ratio Lower Upper

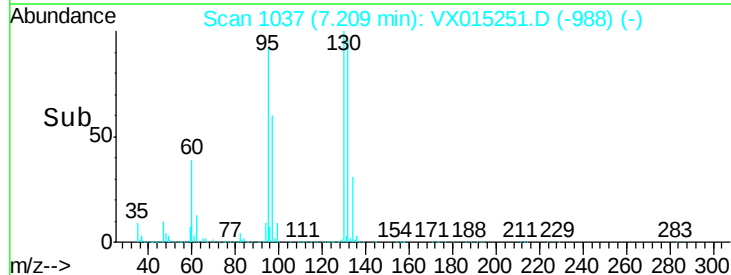
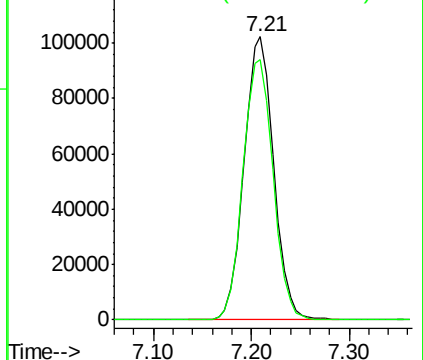
130 100

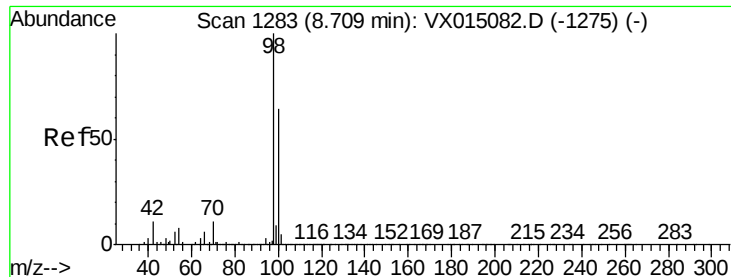
95 91.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.843 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015251.D

Acq: 13 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

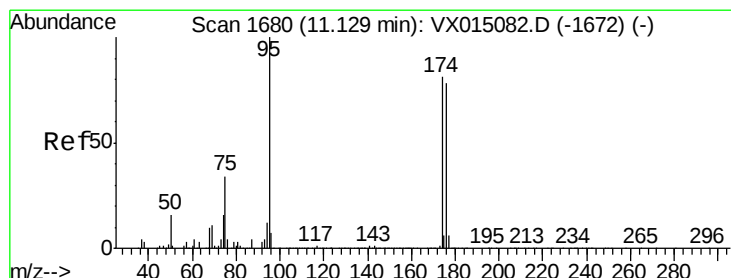
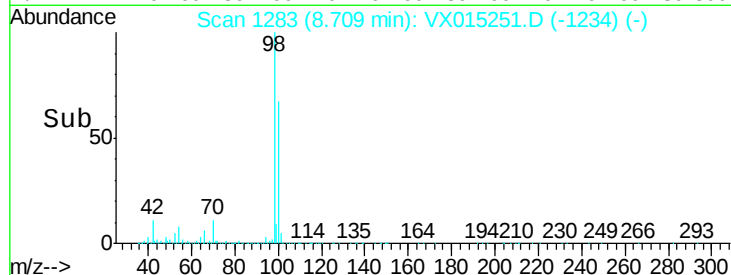
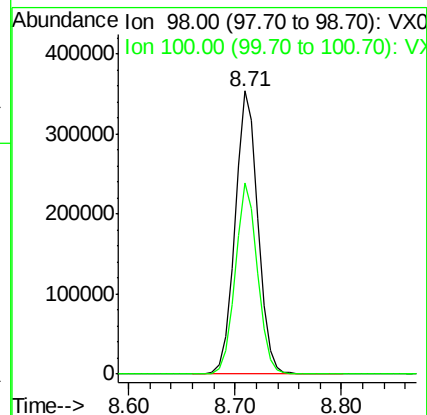
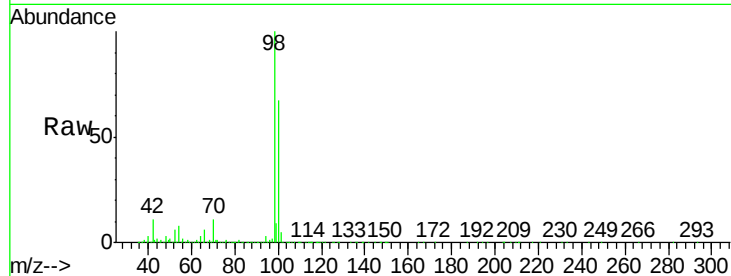
TT101D-20200310

Tot Ion: 98 Resp: 531585

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.731 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015251.D

Acq: 13 Mar 2020 11:56

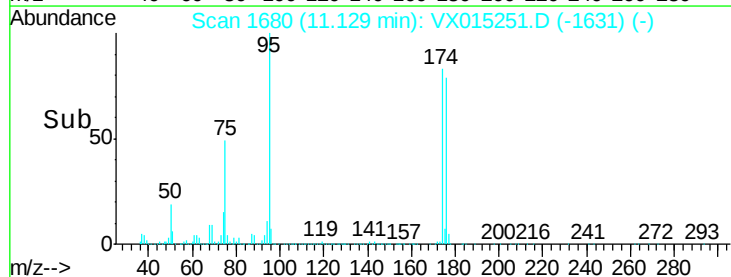
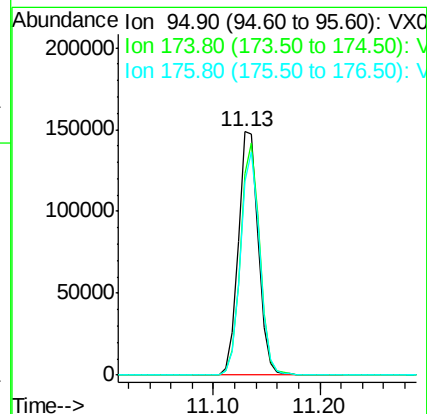
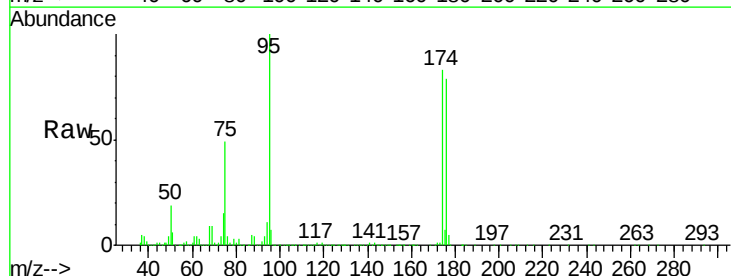
Tgt Ion: 95 Resp: 196651

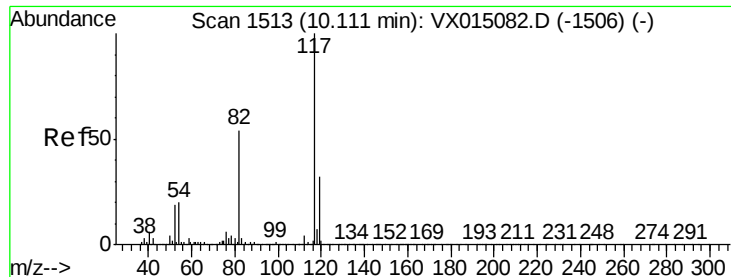
Ion Ratio Lower Upper

95 100

174 91.6 0.0 177.6

176 88.2 0.0 170.2

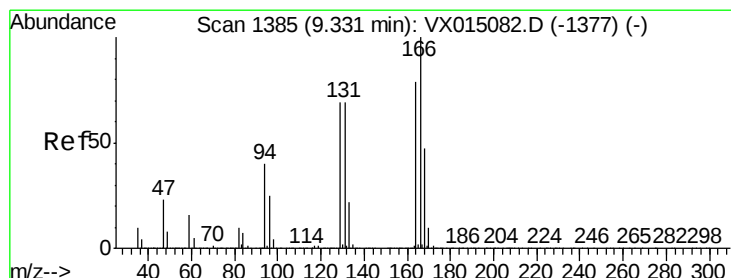
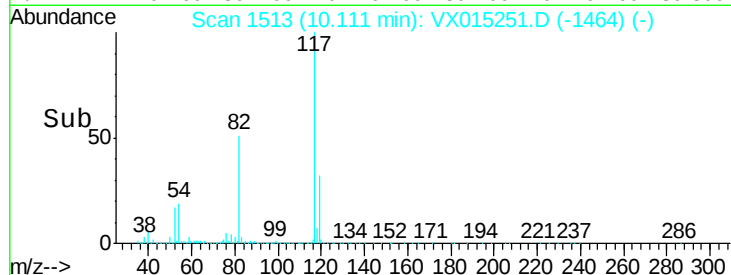
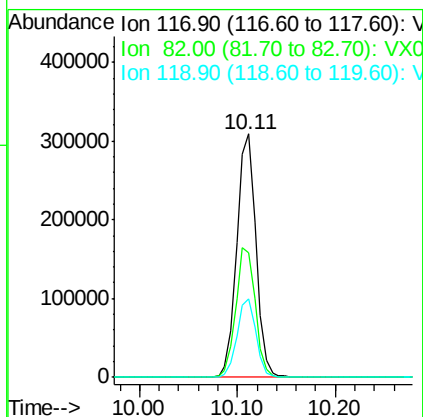
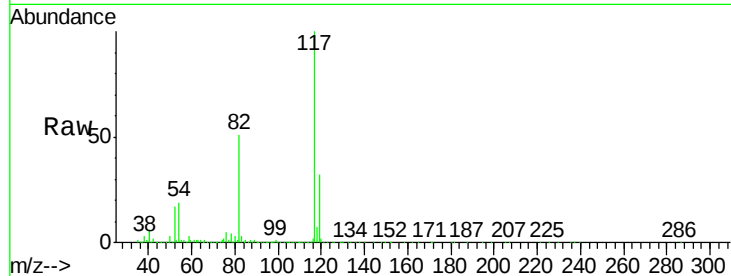




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015251.D
Acq: 13 Mar 2020 11:56

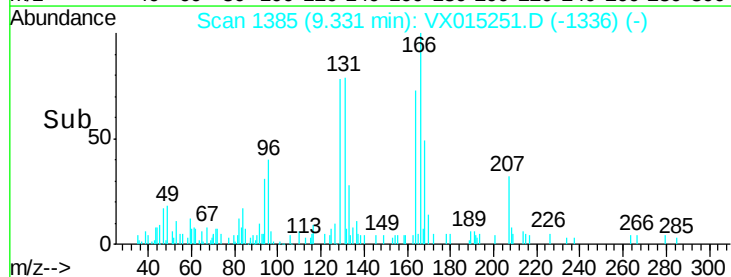
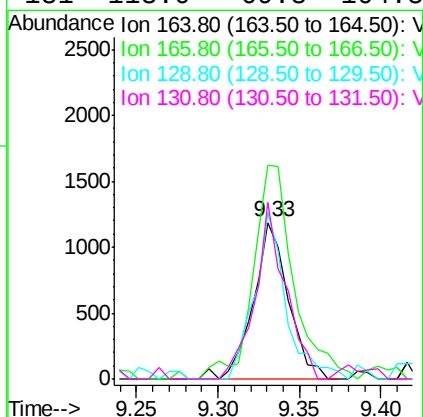
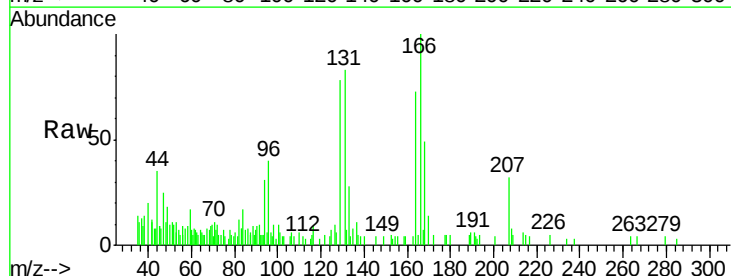
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20200310

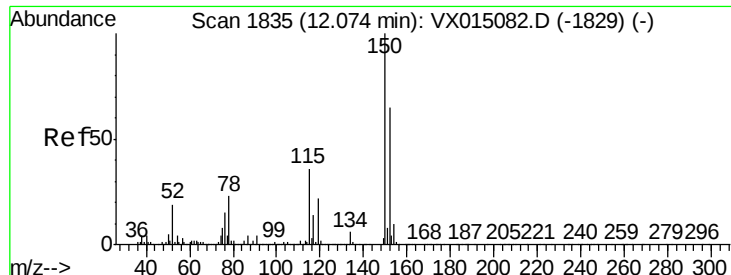
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.3	64.9
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 0.513 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015251.D
Acq: 13 Mar 2020 11:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.2	101.1	151.7
129	106.5	69.4	104.0#
131	113.0	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: VX015251.D

Acq: 13 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20200310

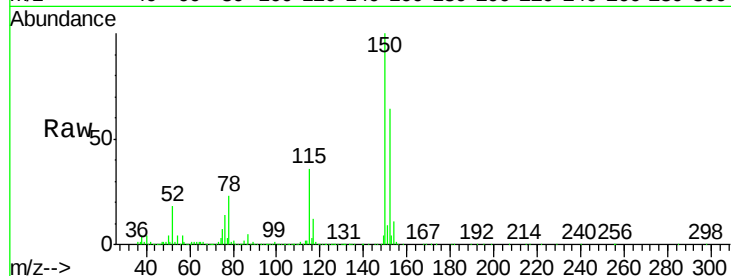
Tot Ion:152 Resp: 210563

Ion Ratio Lower Upper

152 100

115 56.8 38.2 114.6

150 159.7 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

