

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015161.D
 Acq On : 10 Mar 2020 11:33
 Operator : JC/SP
 Sample : L1842-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20200304

Quant Time: Mar 11 07:53:36 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

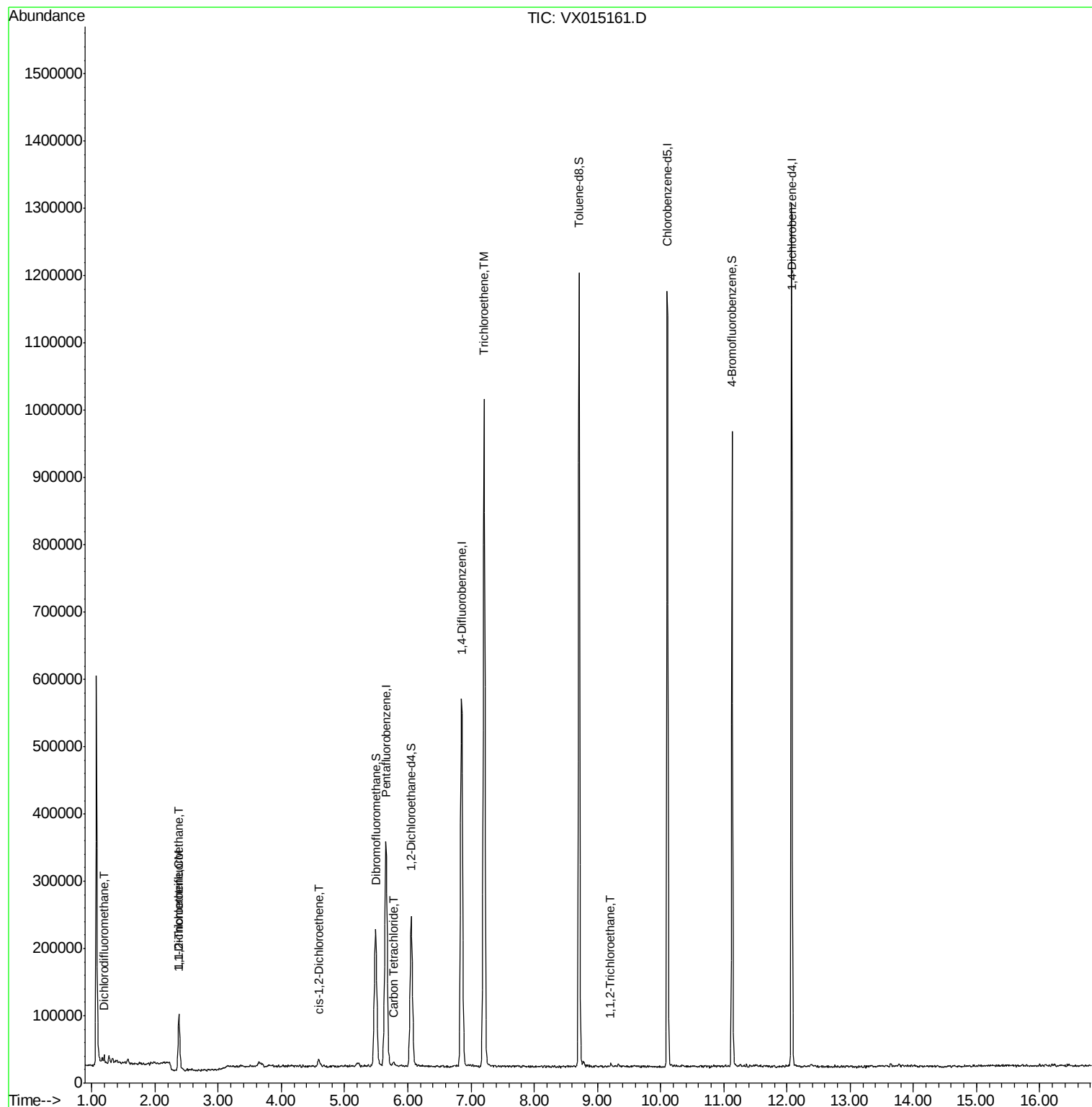
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	333743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	560409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	205625	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	5.49	113	172616	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	687627	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.14	95	248125	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
Target Compounds						
2) Dichlorodifluoromethane	1.19	85	4558	1.560	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29738	9.463	ug/l	96
12) 1,1-Dichloroethene	2.37	96	6972	2.150	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	6452	1.661	ug/l	75
38) Carbon Tetrachloride	5.78	117	3324	0.680	ug/l	90
44) Trichloroethene	7.21	130	384840	89.903	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	2108	0.545	ug/l #	92

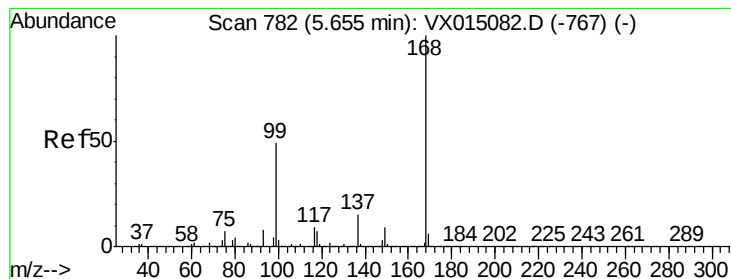
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031020\
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Acq On : 10 Mar 2020 11:33
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Quant Time: Mar 11 07:53:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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: VX015161.D

Acq: 10 Mar 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

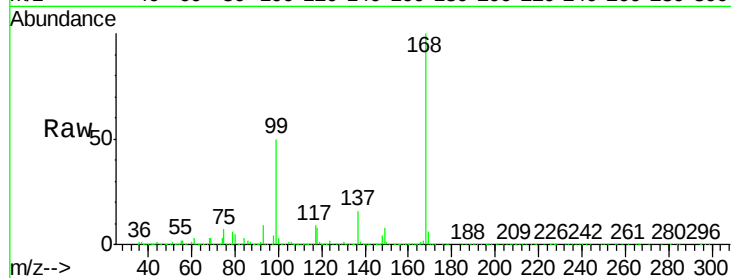
RE132D5-20200304

Tot Ion:168 Resp: 333743

Ion Ratio Lower Upper

168 100

99 50.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

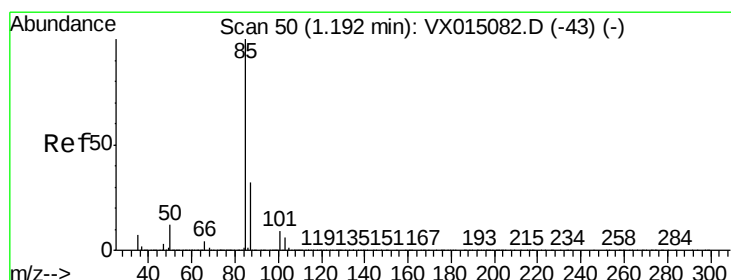
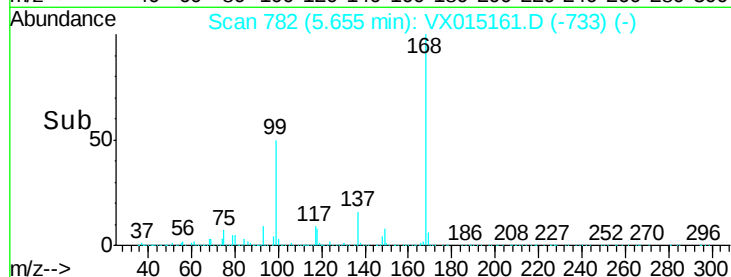
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.560 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015161.D

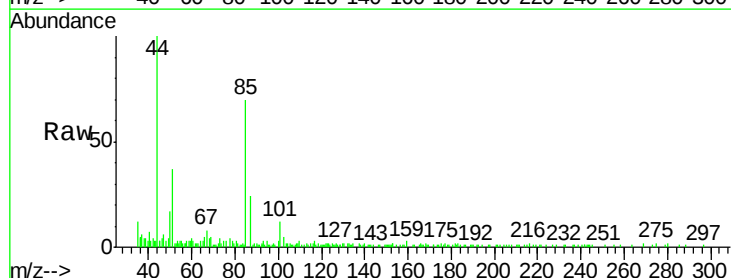
Acq: 10 Mar 2020 11:33

Tgt Ion: 85 Resp: 4558

Ion Ratio Lower Upper

85 100

87 31.5 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

5000

4000

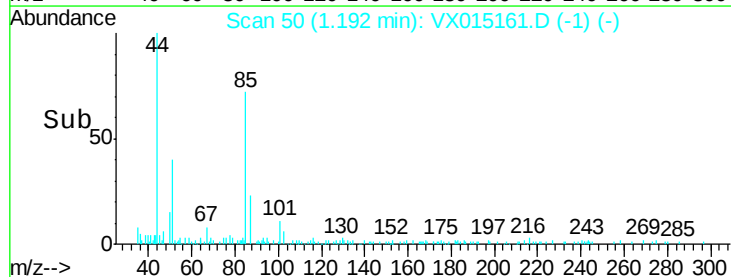
3000

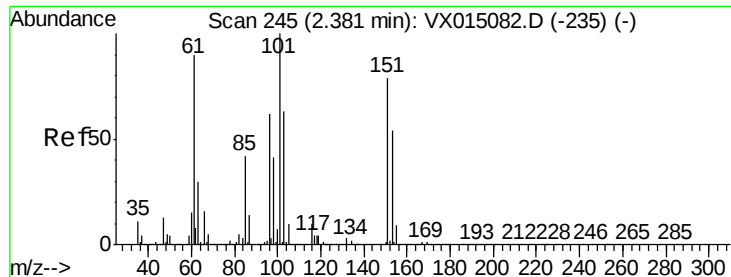
2000

1000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.463 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20200304

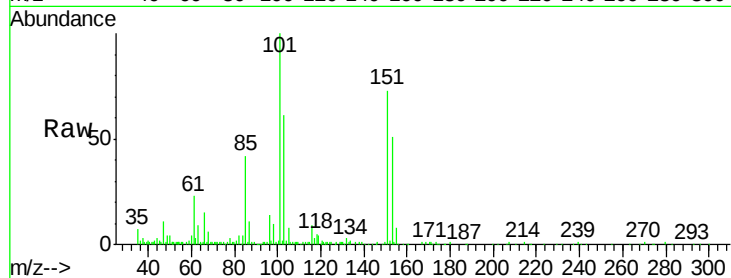
Tot Ion:101 Resp: 29738

Ion Ratio Lower Upper

101 100

85 44.3 33.7 50.5

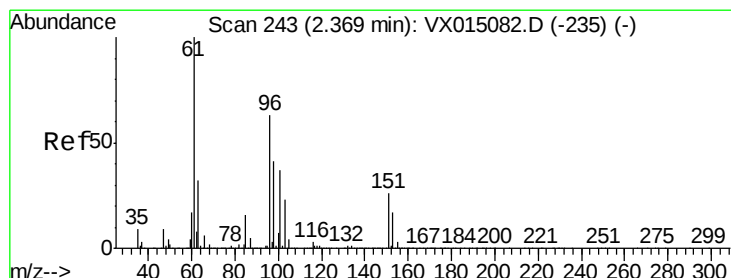
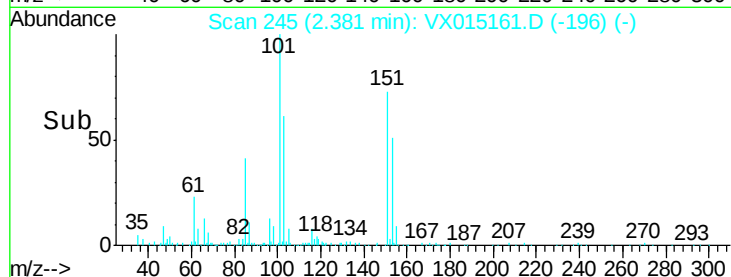
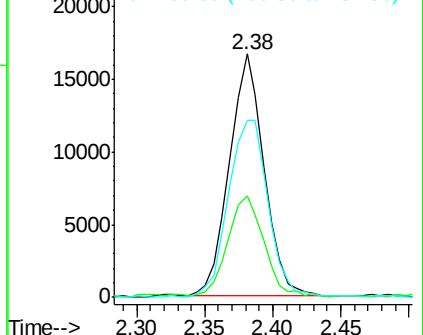
151 84.2 64.0 96.0



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



#12

1,1-Dichloroethene

Concen: 2.150 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

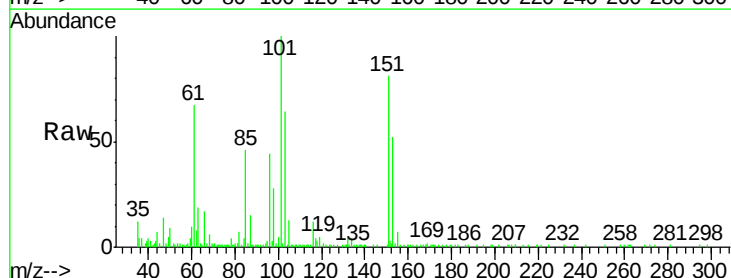
Tgt Ion: 96 Resp: 6972

Ion Ratio Lower Upper

96 100

61 147.4 126.2 189.4

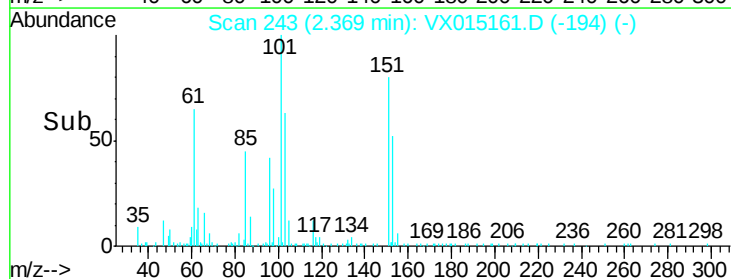
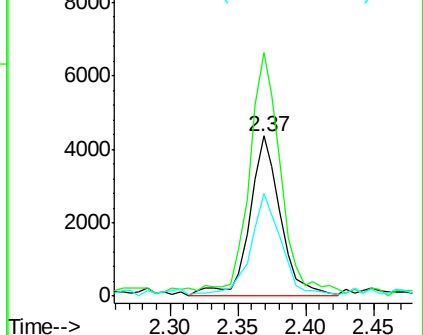
98 63.1 51.4 77.0

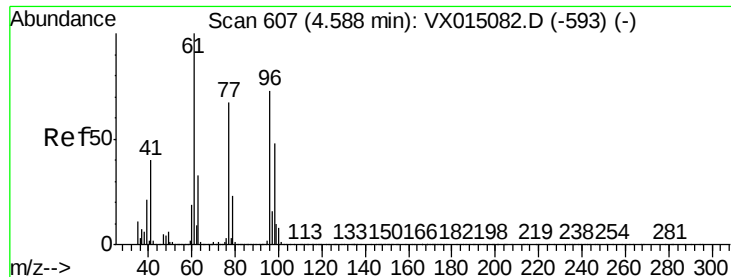


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



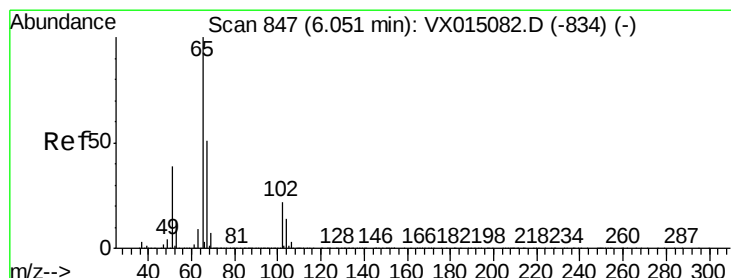
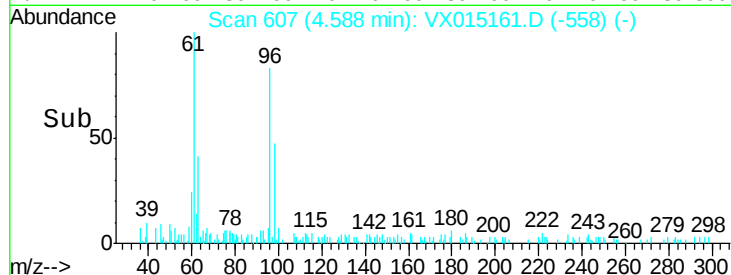
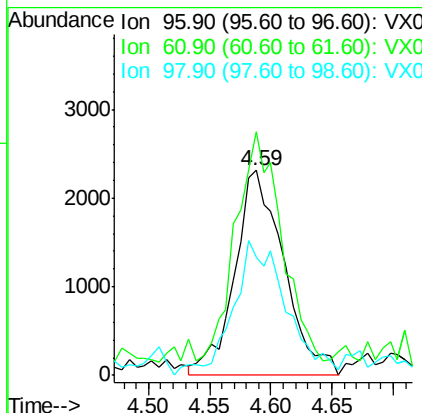
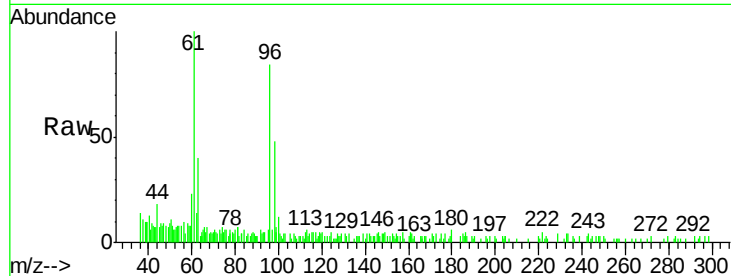


#27

cis-1,2-Dichloroethene
Concen: 1.661 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

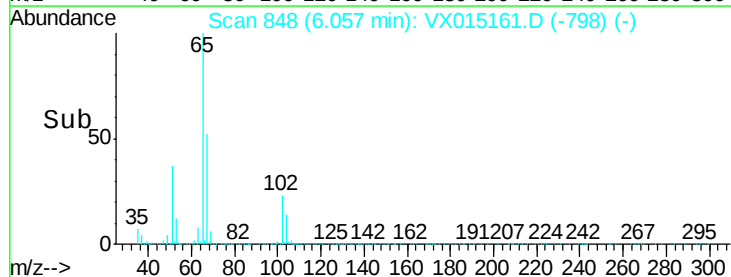
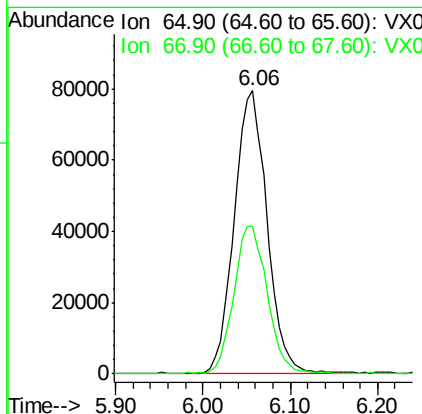
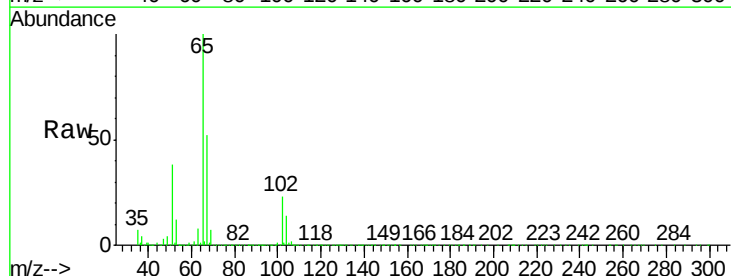
Tot Ion: 96 Resp: 6452
Ion Ratio Lower Upper
96 100
61 104.0 0.0 286.8
98 70.9 0.0 128.4

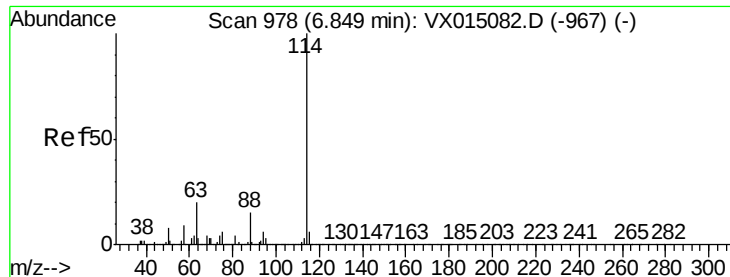


#33

1,2-Dichloroethane-d4
Concen: 51.933 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 65 Resp: 205625
Ion Ratio Lower Upper
65 100
67 54.0 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: VX015161.D

Acq: 10 Mar 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20200304

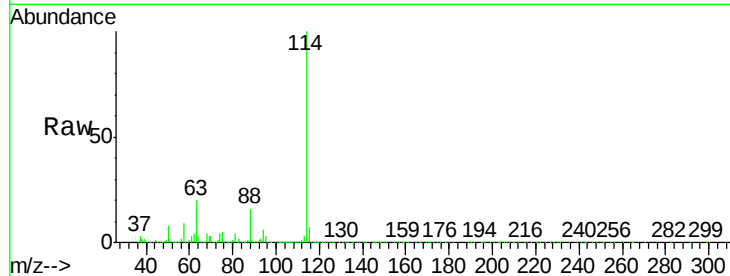
Tot Ion:114 Resp: 560409

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

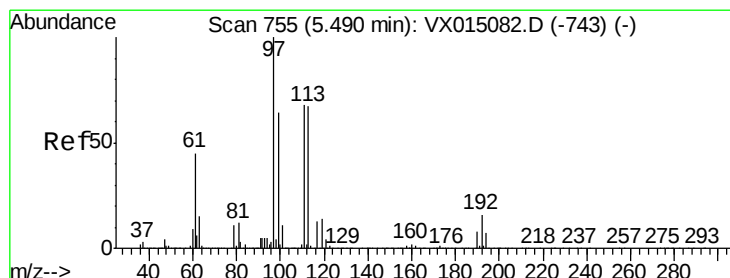
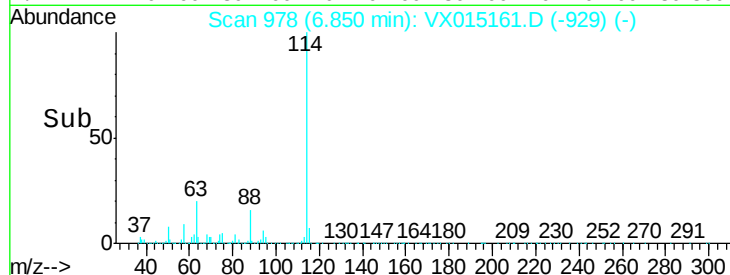
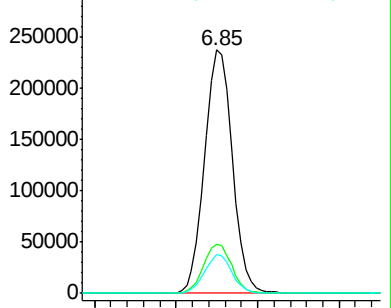
88 15.8 0.0 30.6



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: 48.824 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

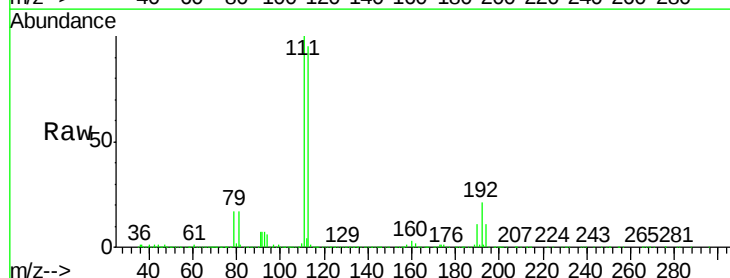
Tgt Ion:113 Resp: 172616

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

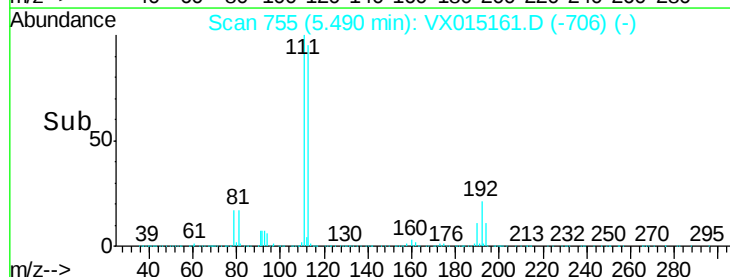
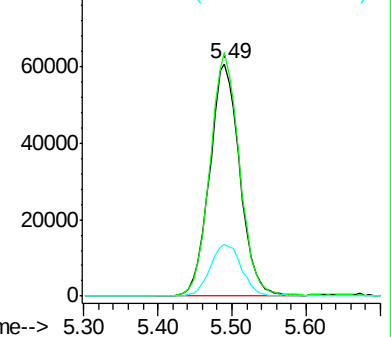
192 23.3 18.6 28.0

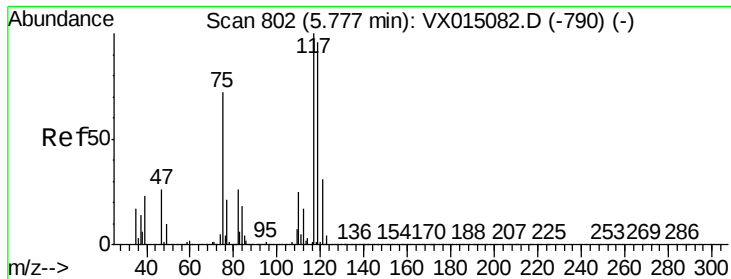


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 0.680 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20200304

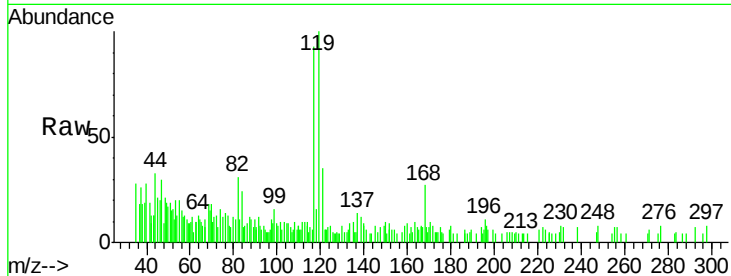
Tot Ion:117 Resp: 3324

Ion Ratio Lower Upper

117 100

119 107.5 76.9 115.3

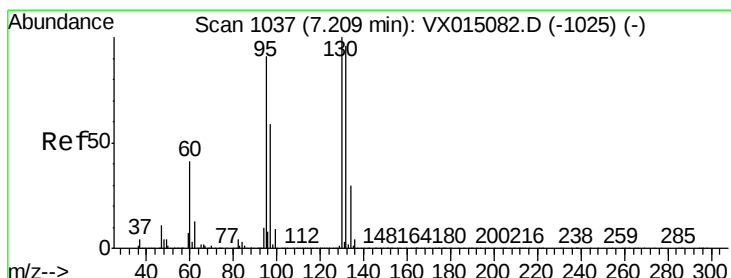
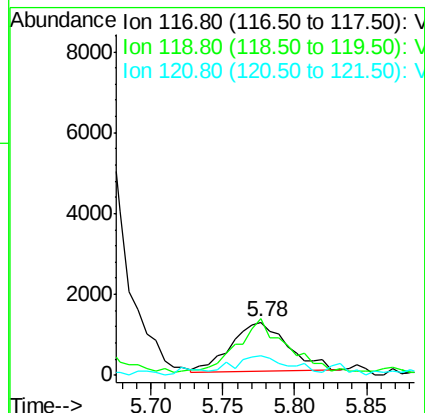
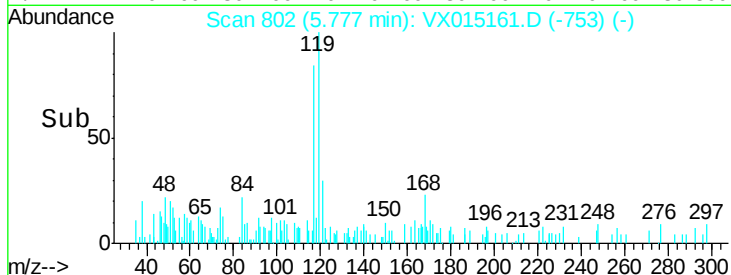
121 29.2 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 89.903 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015161.D

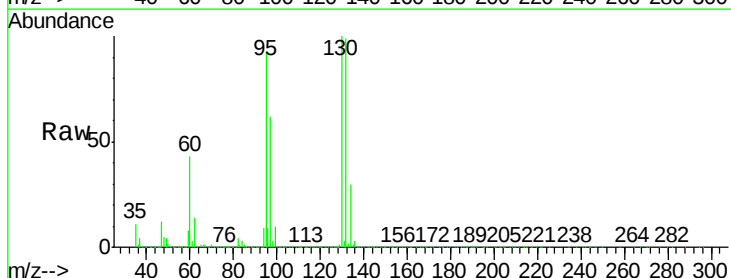
Acq: 10 Mar 2020 11:33

Tgt Ion:130 Resp: 384840

Ion Ratio Lower Upper

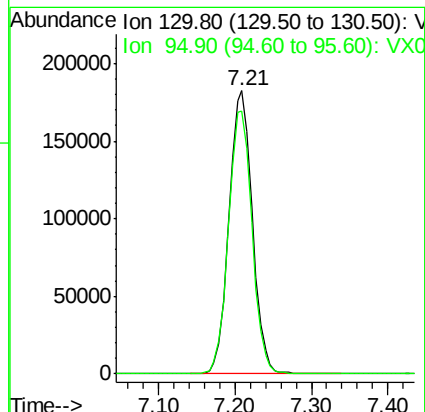
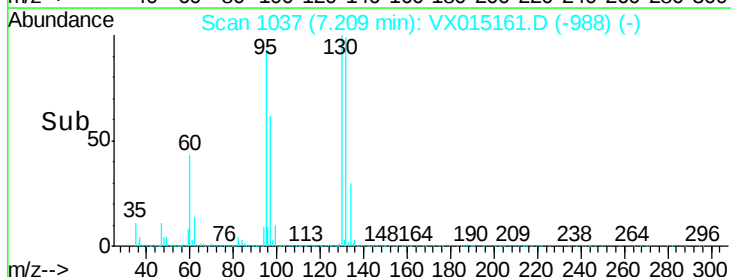
130 100

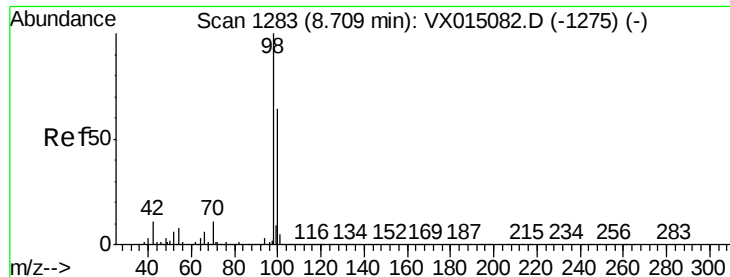
95 92.8 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.131 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

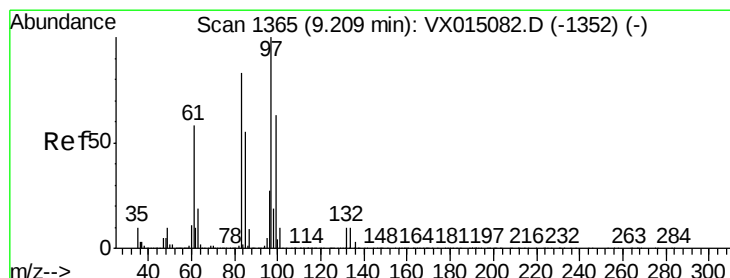
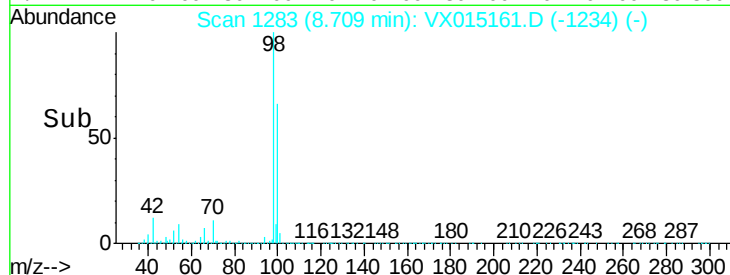
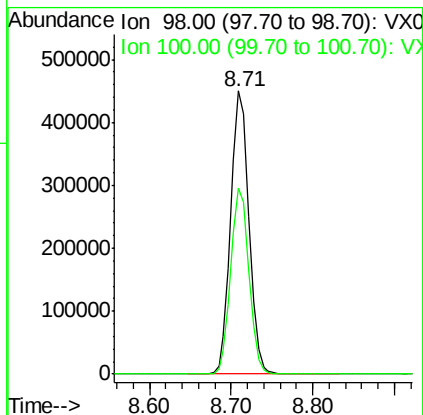
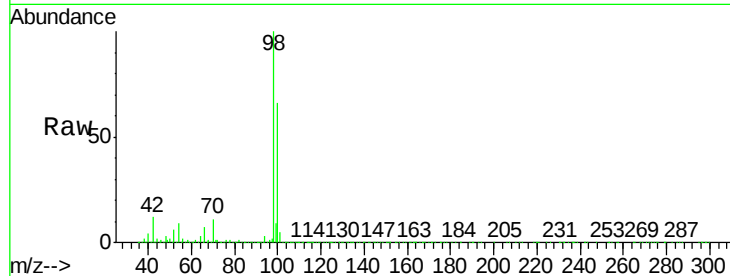
RE132D5-20200304

Tot Ion: 98 Resp: 687627

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#55

1,1,2-Trichloroethane

Concen: 0.545 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

Tgt Ion: 97 Resp: 2108

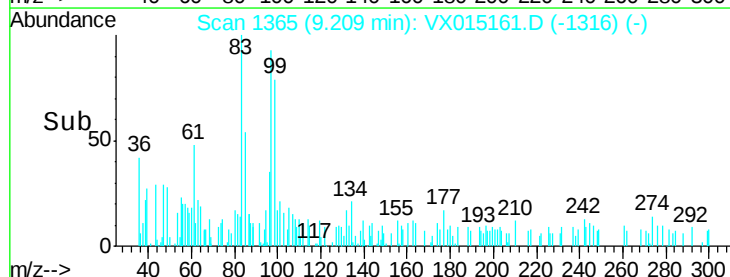
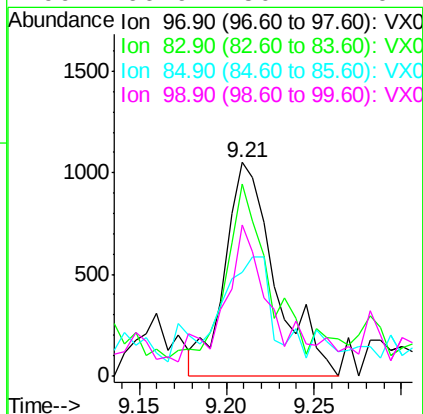
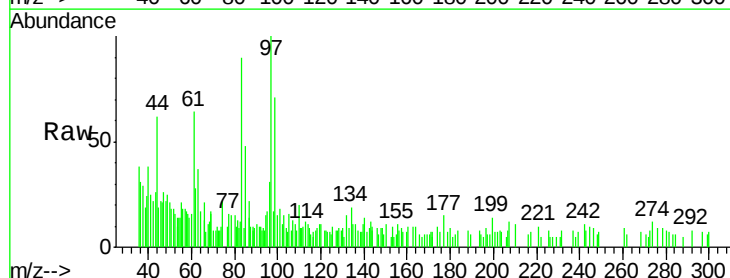
Ion Ratio Lower Upper

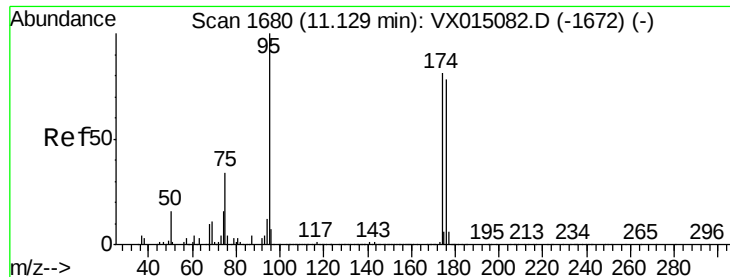
97 100

83 87.2 66.4 99.6

85 41.5 43.5 65.3#

99 66.9 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 51.726 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

Instrument :

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ClientSampleId :

RE132D5-20200304

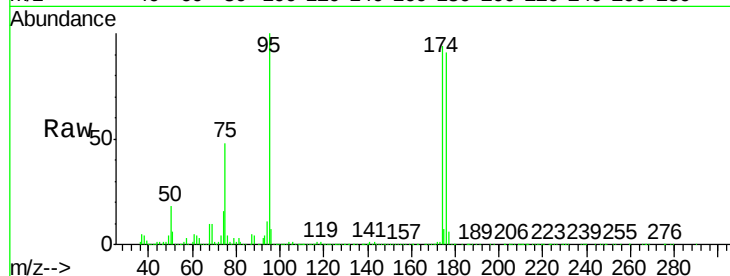
Tot Ion: 95 Resp: 248125

Ion Ratio Lower Upper

95 100

174 87.9 0.0 177.6

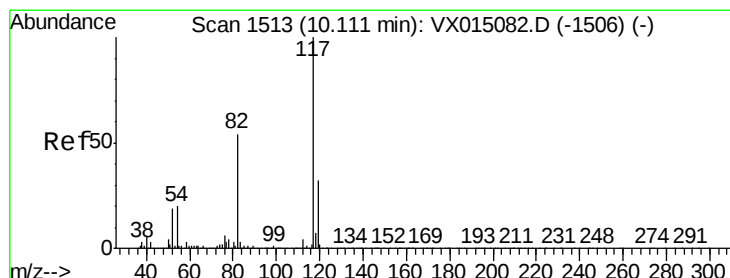
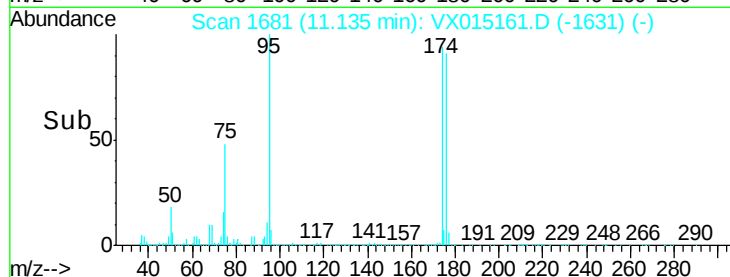
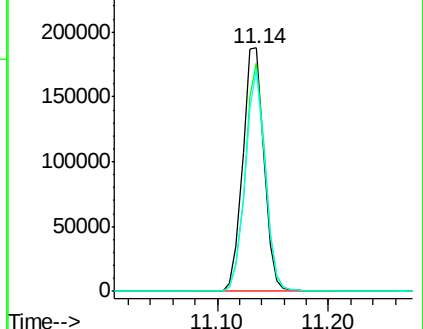
176 84.9 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

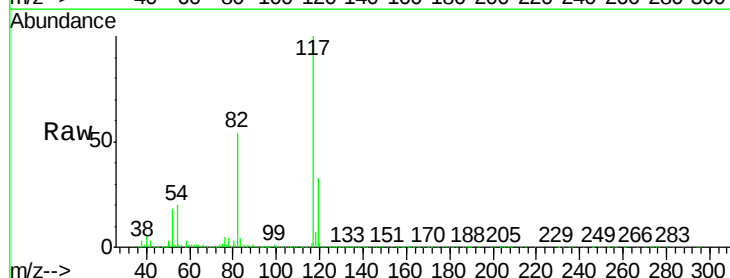
Tgt Ion: 117 Resp: 537278

Ion Ratio Lower Upper

117 100

82 53.9 43.3 64.9

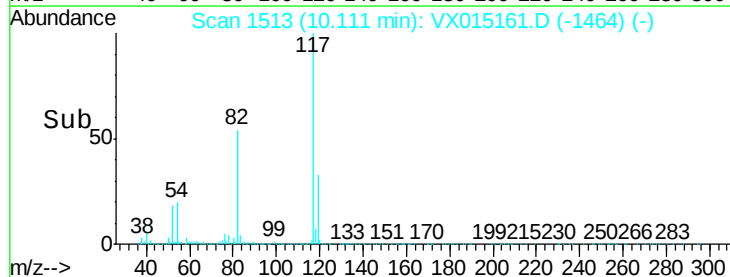
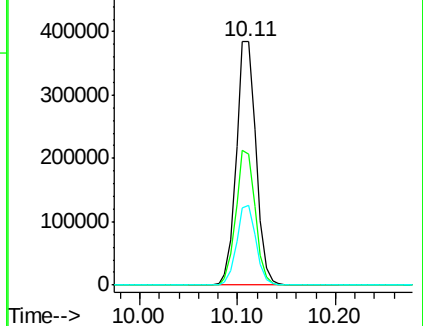
119 32.6 25.8 38.8

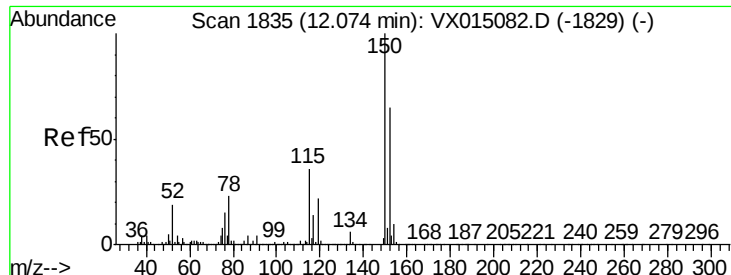


Abundance Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015161.D

Acq: 10 Mar 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20200304

Tot Ion:152 Resp: 266555

Ion Ratio Lower Upper

152 100

115 55.7 38.2 114.6

150 156.9 0.0 343.8

