

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015144.D
 Acq On : 09 Mar 2020 15:44
 Operator : JC/SP
 Sample : L1842-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20200304

Quant Time: Mar 09 16:17:35 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	342844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	561374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	541550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279888	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	209508	51.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.02%	
35) Dibromofluoromethane	5.49	113	175627	49.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.18%	
50) Toluene-d8	8.71	98	689272	51.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	251137	52.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.52%	

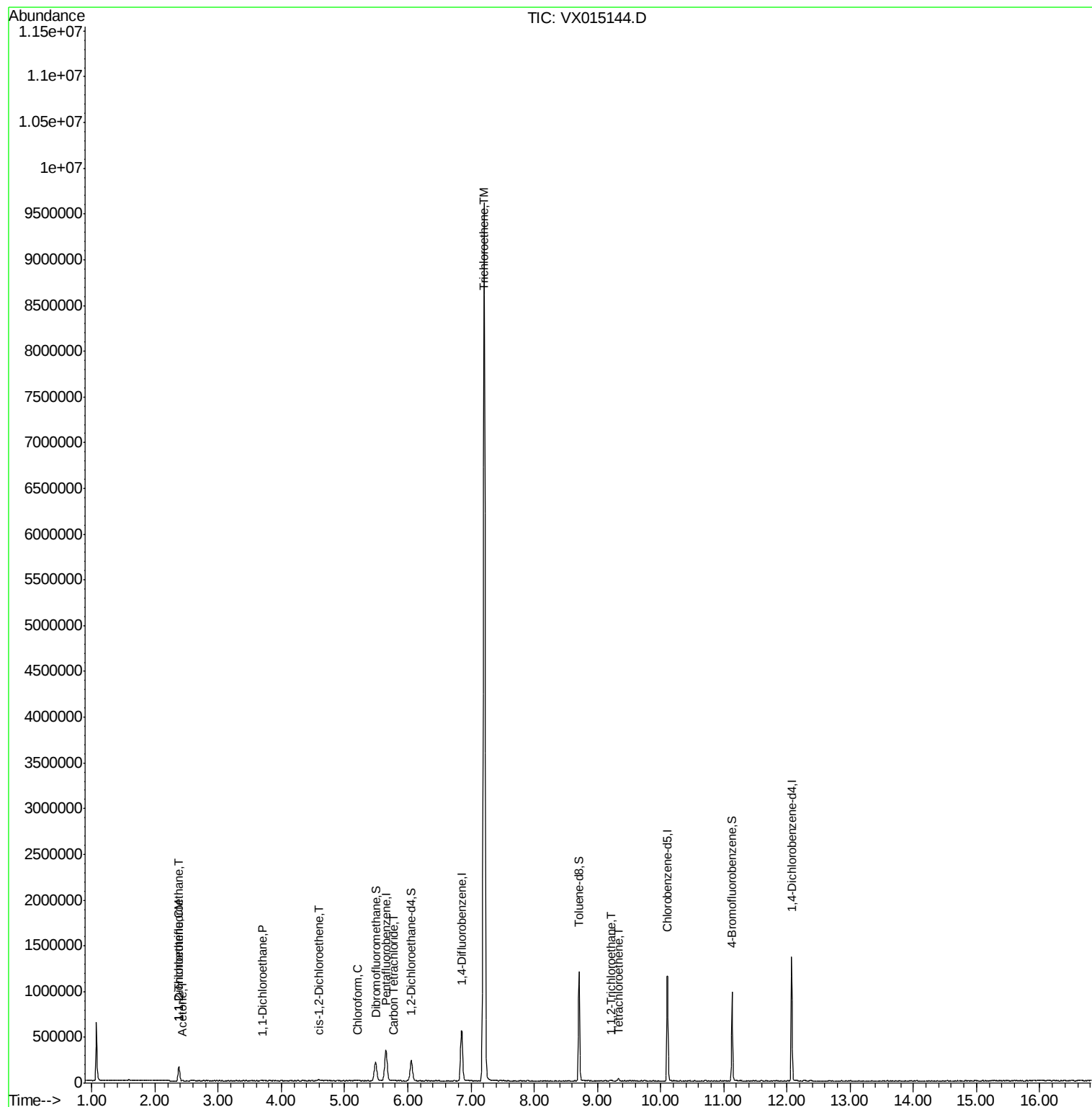
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59474	18.423	ug/l	99
12) 1,1-Dichloroethene	2.37	96	13828	4.150	ug/l	93
16) Acetone	2.44	43	6049	3.672	ug/l	99
24) 1,1-Dichloroethane	3.69	63	6746	1.050	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	9495	2.379	ug/l	82
30) Chloroform	5.20	83	10053	1.606	ug/l	94
38) Carbon Tetrachloride	5.77	117	6586	1.344	ug/l	90
44) Trichloroethene	7.21	130	3639139	848.684	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	2714	0.700	ug/l	90
64) Tetrachloroethene	9.33	164	6255	1.397	ug/l	98

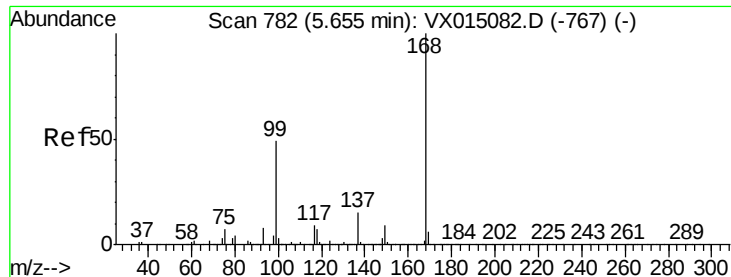
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015144.D

Acq: 09 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

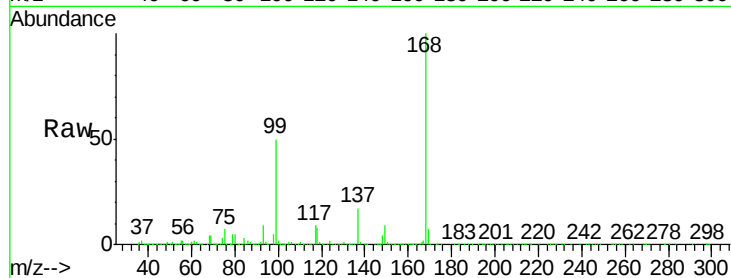
RE132D7-20200304

Tot Ion:168 Resp: 342844

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

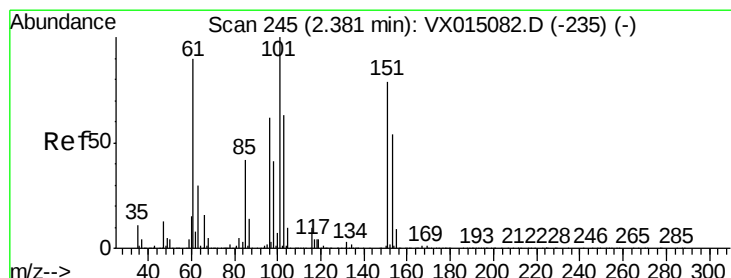
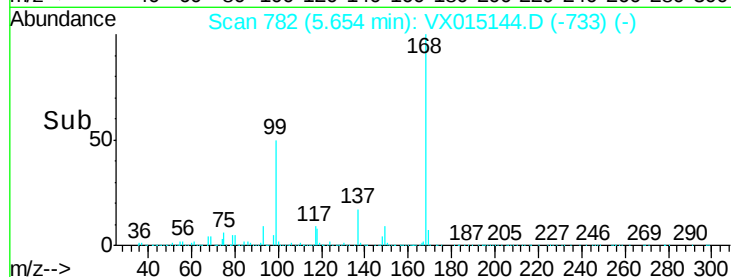
5.65

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.423 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

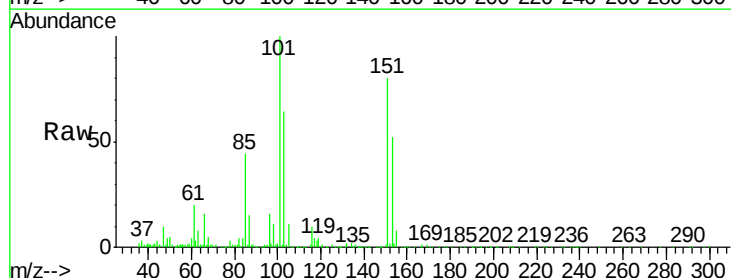
Tgt Ion:101 Resp: 59474

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

151 80.5 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

2.38

40000

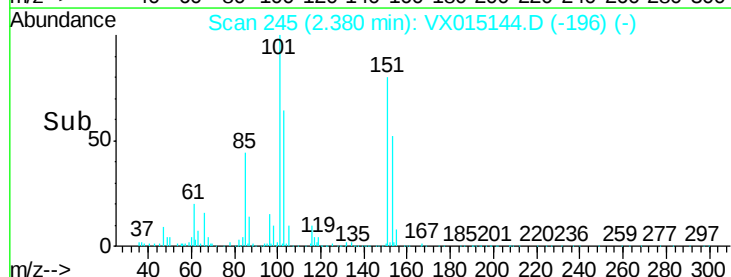
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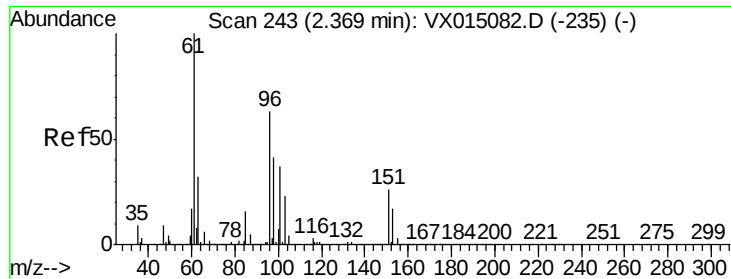
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 4.150 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20200304

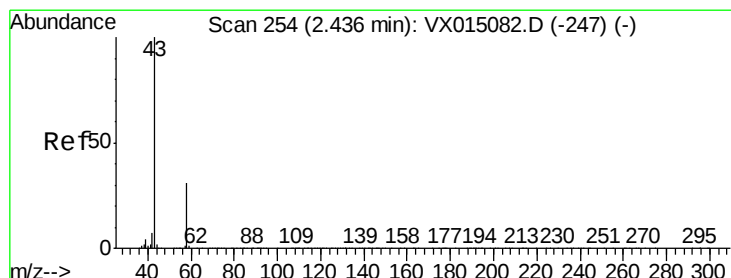
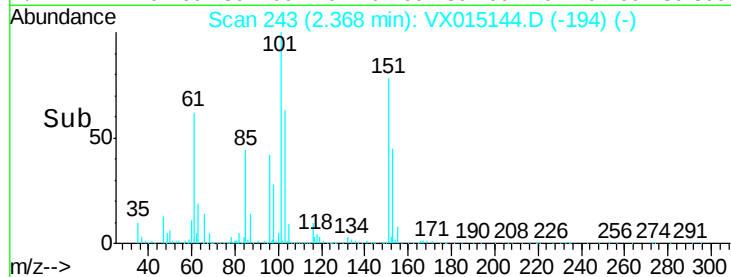
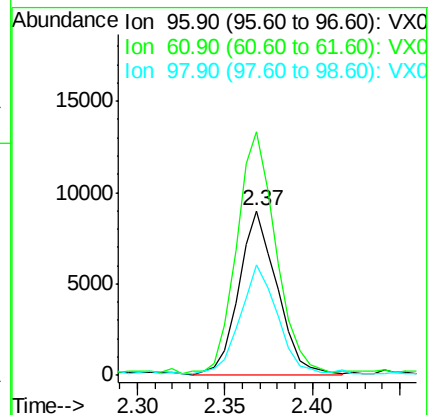
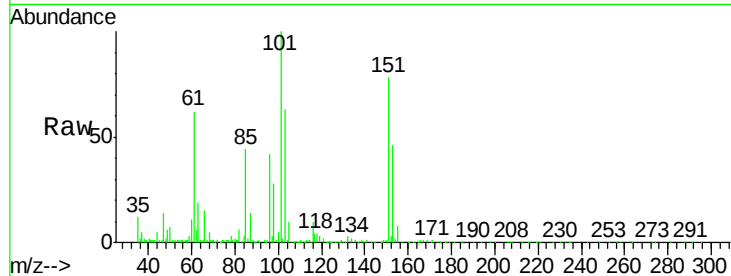
Tot Ion: 96 Resp: 13828

Ion Ratio Lower Upper

96 100

61 145.6 126.2 189.4

98 66.1 51.4 77.0



#16

Acetone

Concen: 3.672 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015144.D

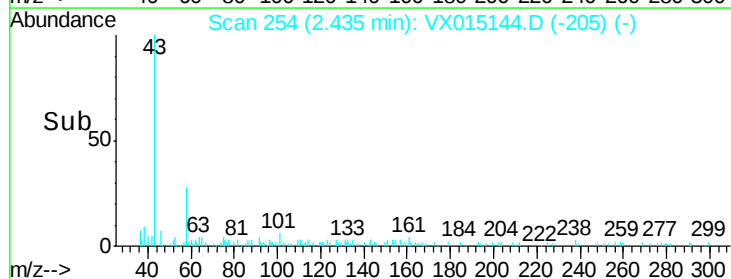
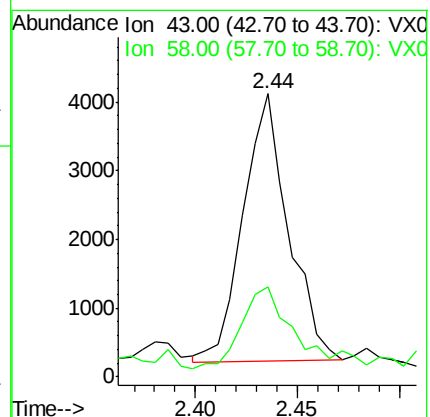
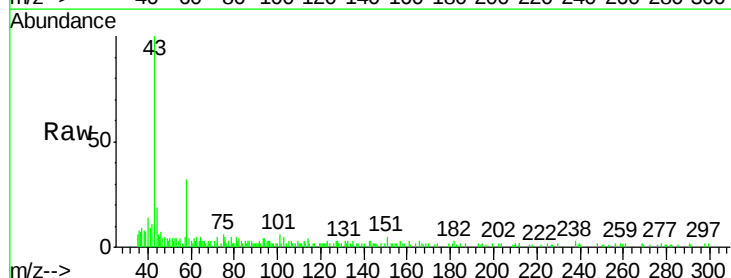
Acq: 09 Mar 2020 15:44

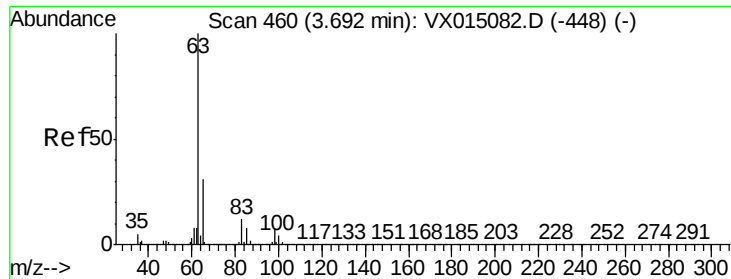
Tgt Ion: 43 Resp: 6049

Ion Ratio Lower Upper

43 100

58 30.4 24.8 37.2





#24

1,1-Dichloroethane

Concen: 1.050 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20200304

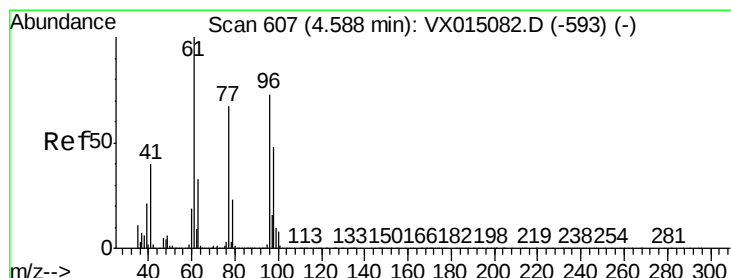
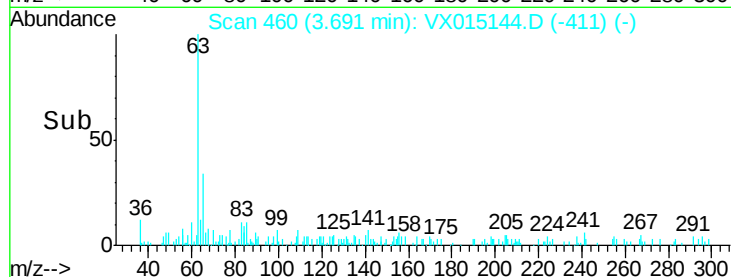
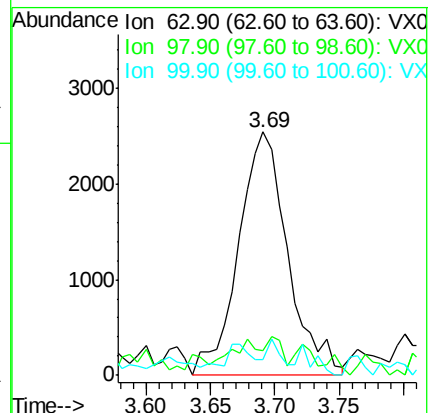
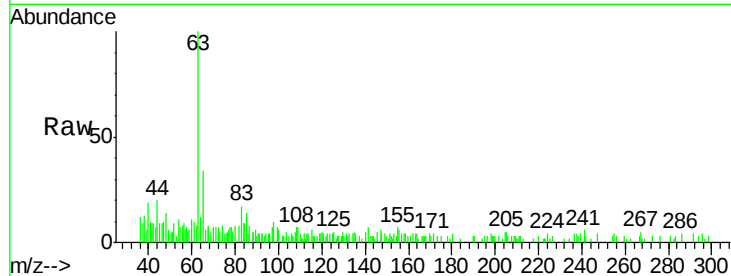
Tot Ion: 63 Resp: 6746

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 6.3 2.1 6.5



#27

cis-1,2-Dichloroethene

Concen: 2.379 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

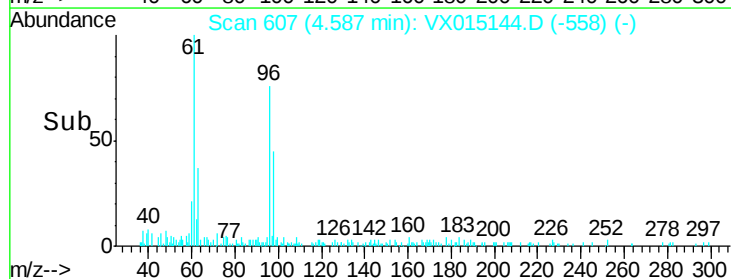
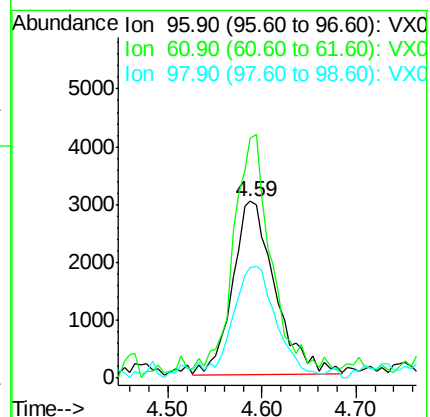
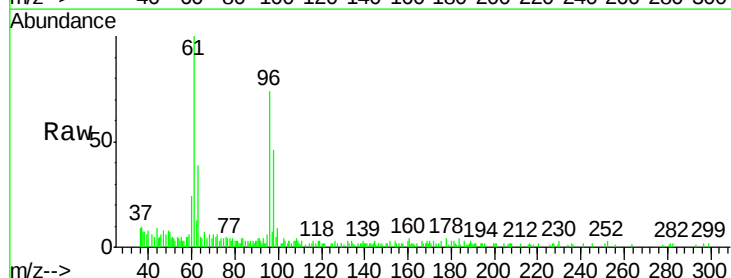
Tgt Ion: 96 Resp: 9495

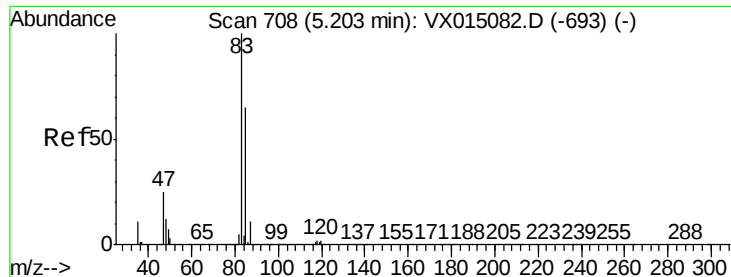
Ion Ratio Lower Upper

96 100

61 112.7 0.0 286.8

98 61.1 0.0 128.4

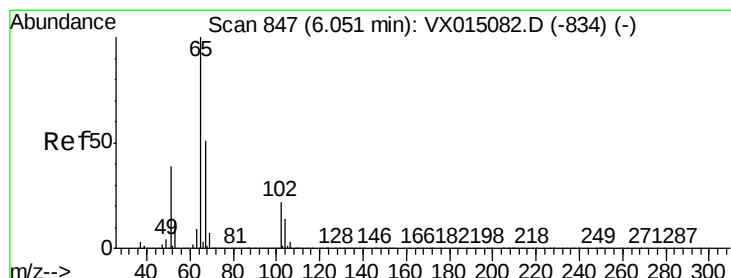
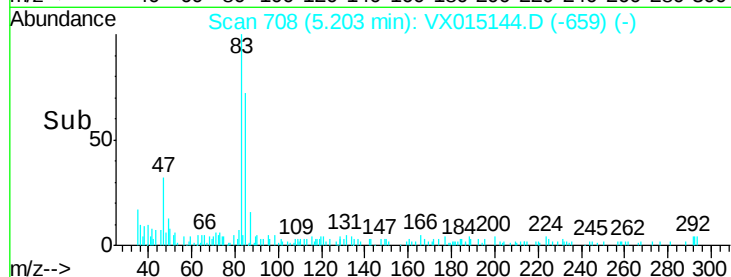
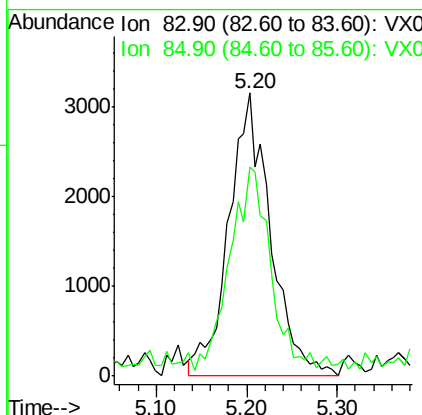
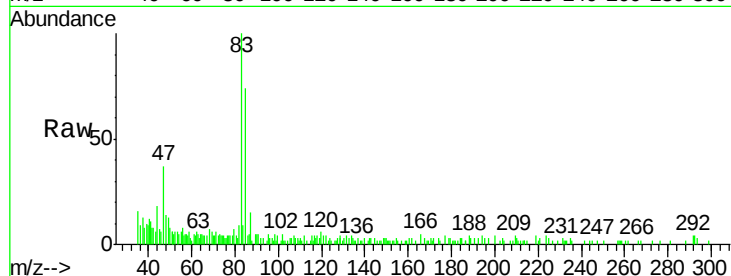




#30
Chloroform
Concen: 1.606 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015144.D
Acq: 09 Mar 2020 15:44

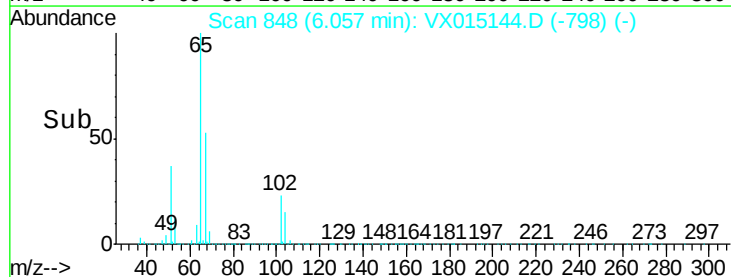
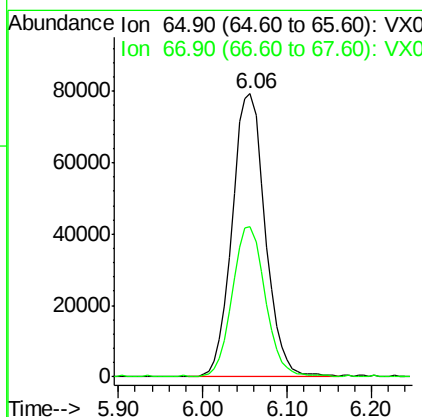
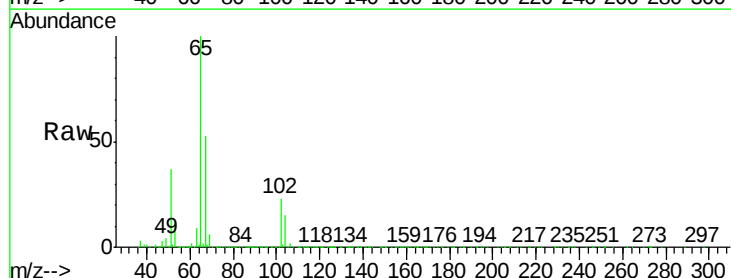
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20200304

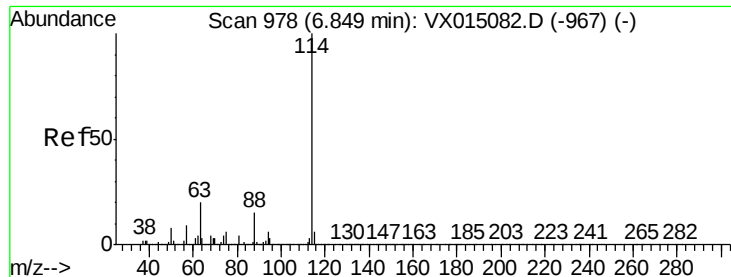
Tot Ion: 83 Resp: 10053
Ion Ratio Lower Upper
83 100
85 69.4 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 51.509 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015144.D
Acq: 09 Mar 2020 15:44

Tgt Ion: 65 Resp: 209508
Ion Ratio Lower Upper
65 100
67 52.6 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: VX015144.D

Acq: 09 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20200304

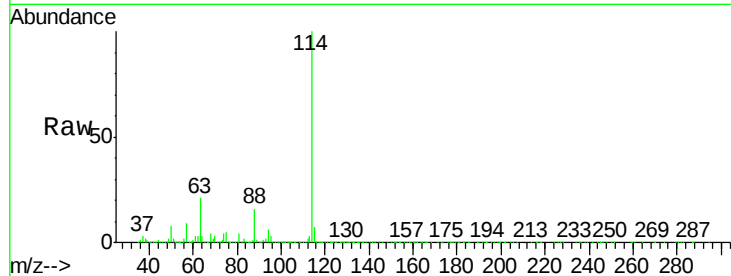
Tot Ion:114 Resp: 561374

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 16.0 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

300000

250000

200000

150000

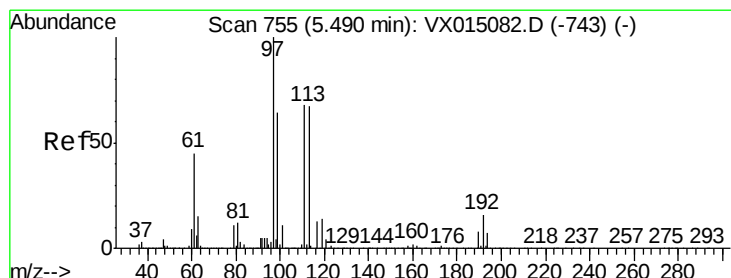
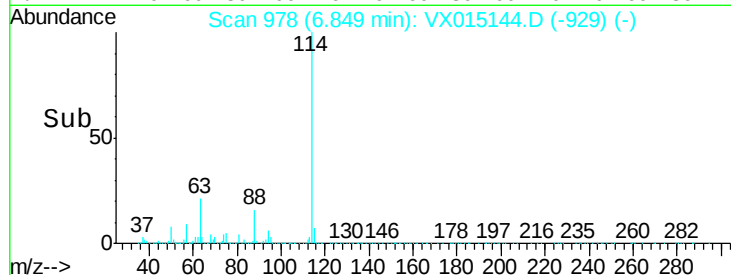
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.591 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

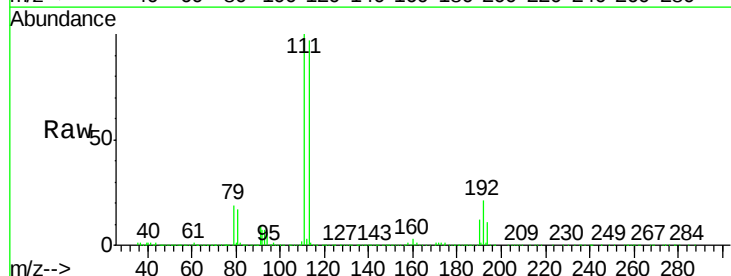
Tgt Ion:113 Resp: 175627

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 23.0 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

80000

60000

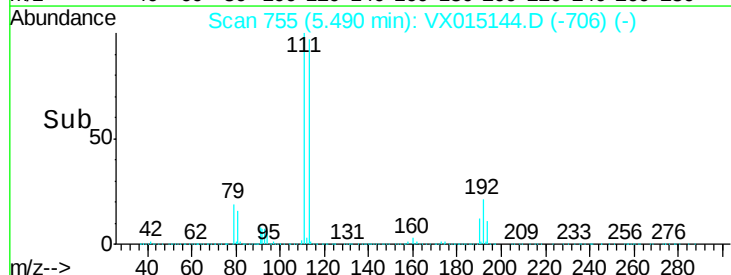
40000

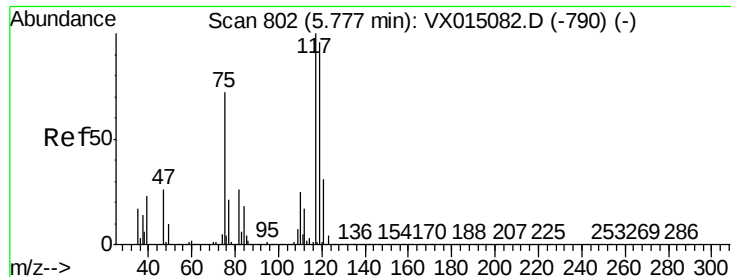
20000

0

5.40 5.50 5.60

Time-->

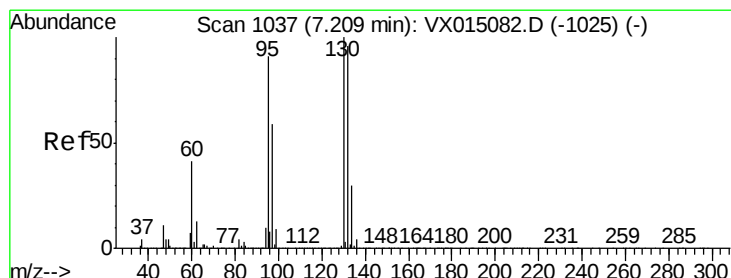
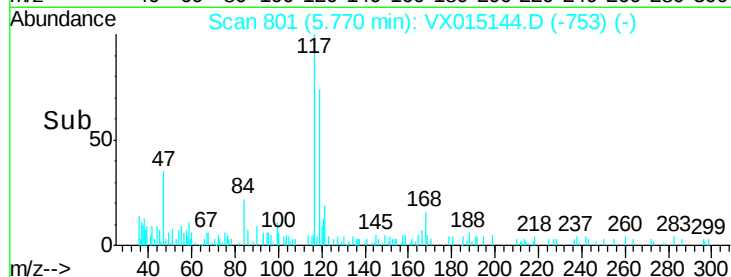
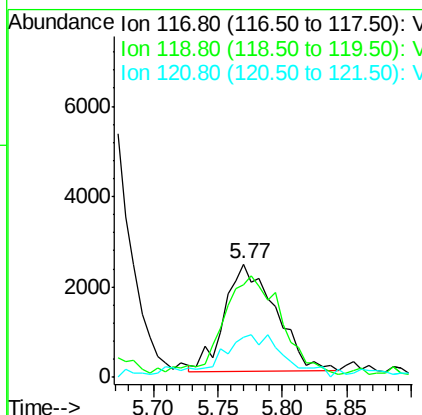
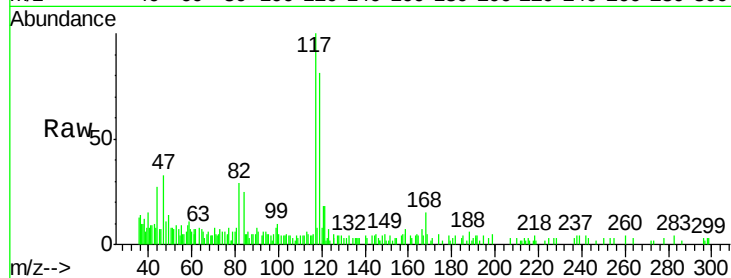




#38
Carbon Tetrachloride
Concen: 1.344 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015144.D
Acq: 09 Mar 2020 15:44

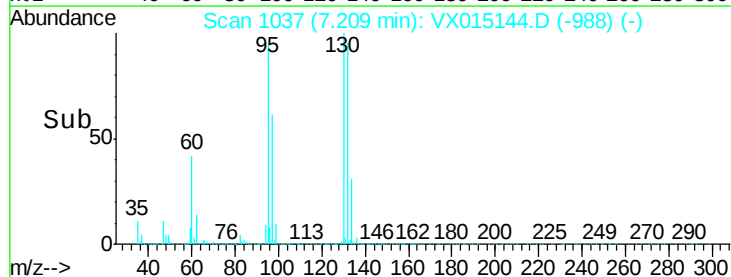
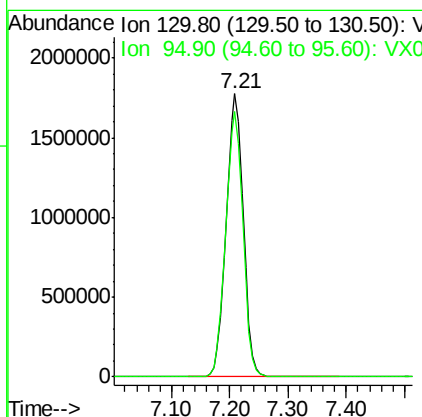
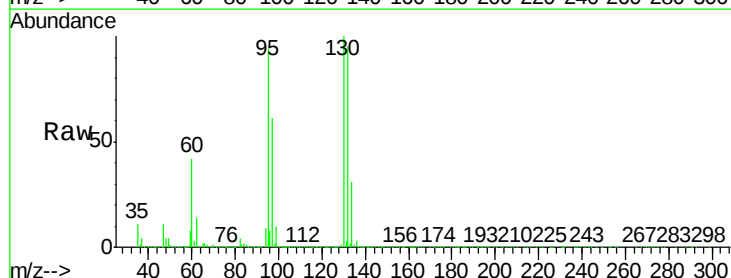
Instrument :
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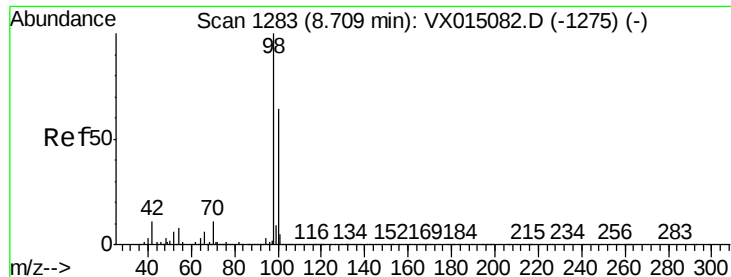
Tot Ion:117 Resp: 6586
Ion Ratio Lower Upper
117 100
119 83.5 76.9 115.3
121 30.6 24.6 37.0



#44
Trichloroethene
Concen: 848.684 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015144.D
Acq: 09 Mar 2020 15:44

Tgt Ion:130 Resp: 3639139
Ion Ratio Lower Upper
130 100
95 93.7 0.0 181.2





#50

Toluene-d8

Concen: 51.165 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

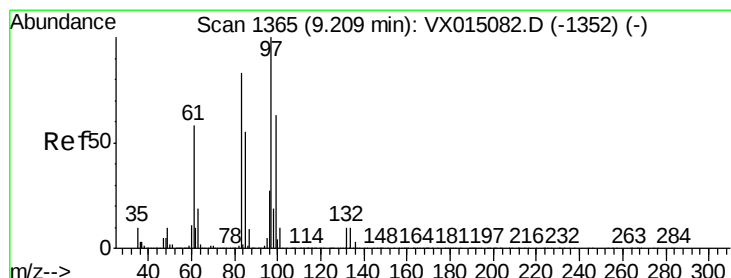
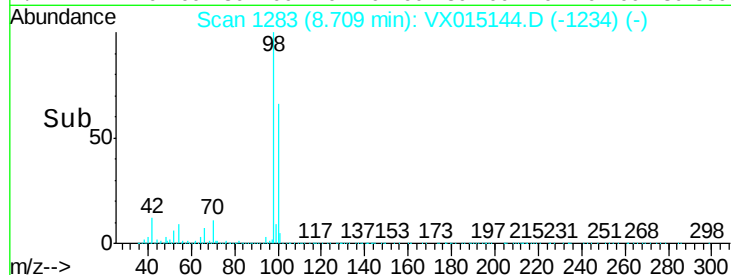
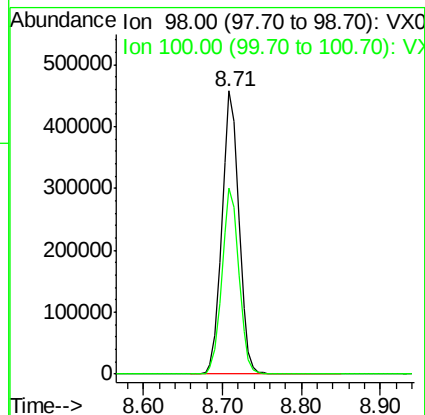
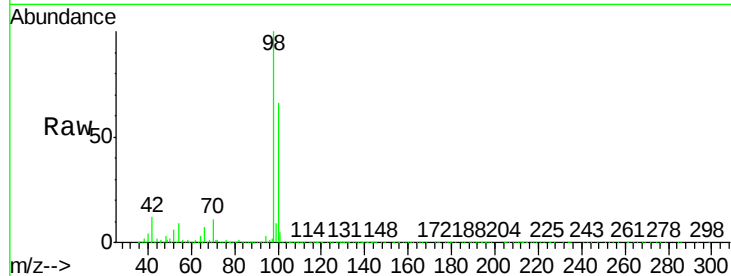
RE132D7-20200304

Tot Ion: 98 Resp: 689272

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#55

1,1,2-Trichloroethane

Concen: 0.700 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

Tgt Ion: 97 Resp: 2714

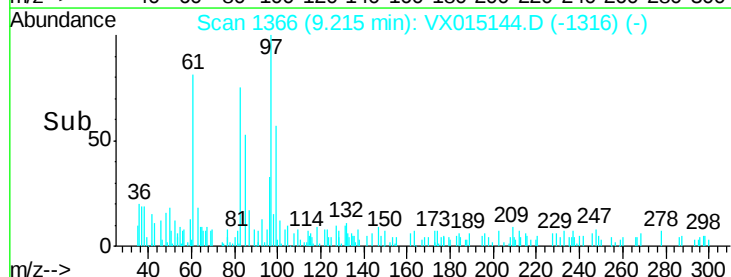
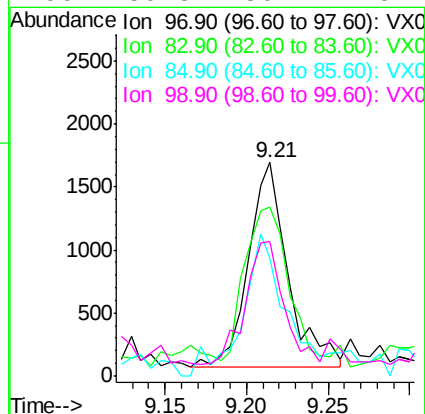
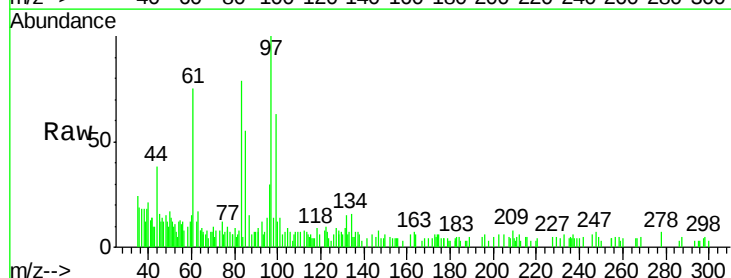
Ion Ratio Lower Upper

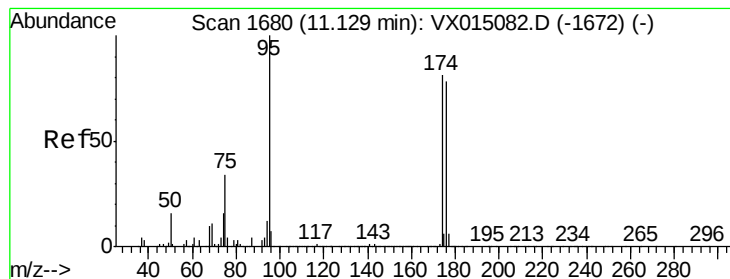
97 100

83 68.0 66.4 99.6

85 57.4 43.5 65.3

99 59.3 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 52.264 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

Instrument :

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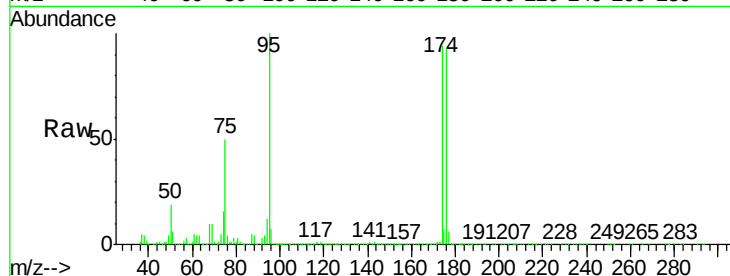
Tot Ion: 95 Resp: 251137

Ion Ratio Lower Upper

95 100

174 89.0 0.0 177.6

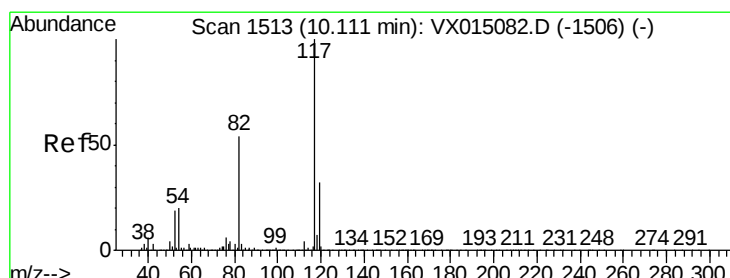
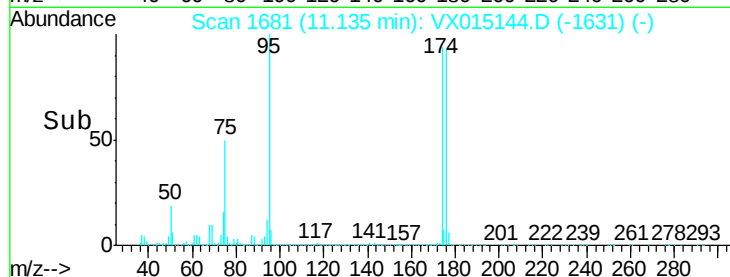
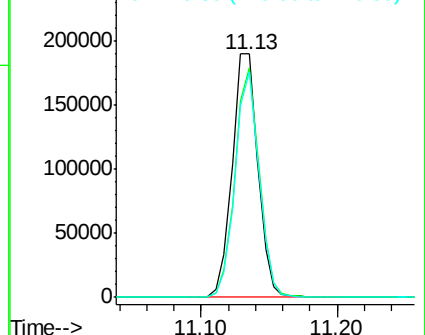
176 86.2 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

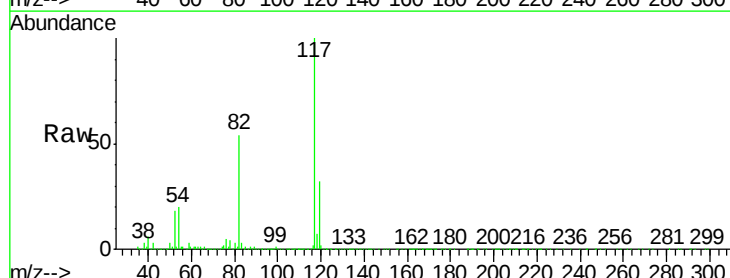
Tgt Ion: 117 Resp: 541550

Ion Ratio Lower Upper

117 100

82 54.4 43.3 64.9

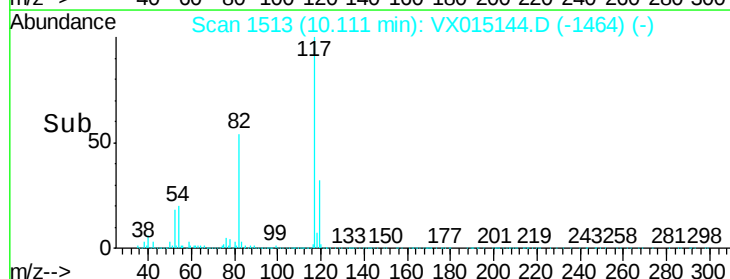
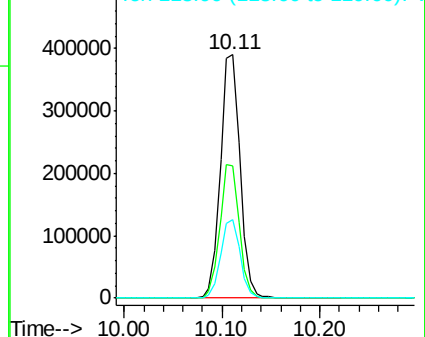
119 32.3 25.8 38.8

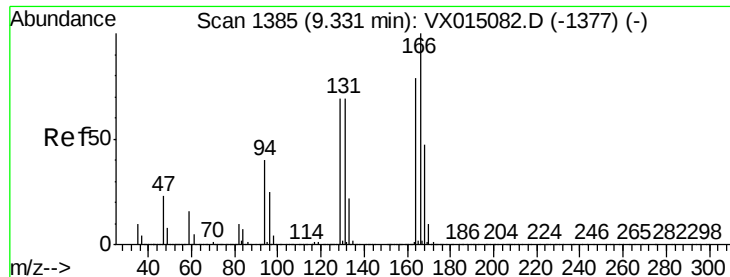


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.397 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20200304

Tot Ion:164 Resp: 6255

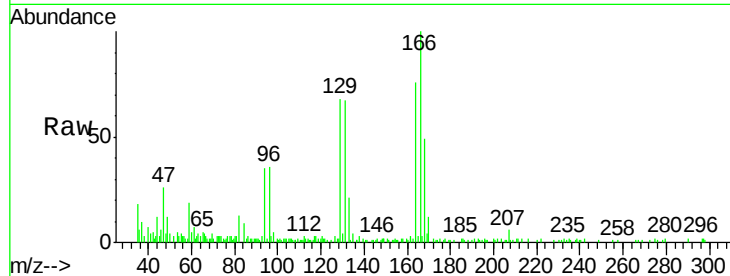
Ion Ratio Lower Upper

164 100

166 130.8 101.1 151.7

129 87.9 69.4 104.0

131 86.5 69.8 104.8

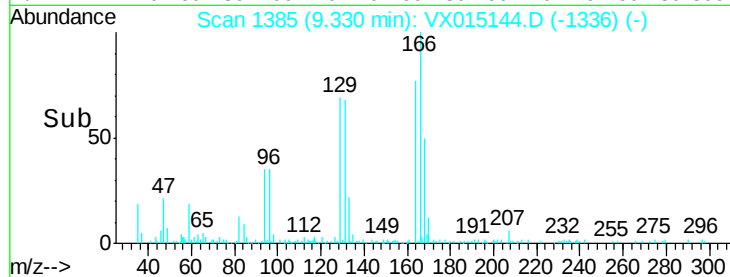


Abundance Ion 163.80 (163.50 to 164.50): V

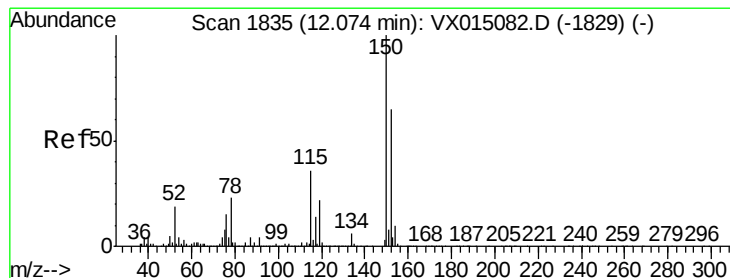
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015144.D

Acq: 09 Mar 2020 15:44

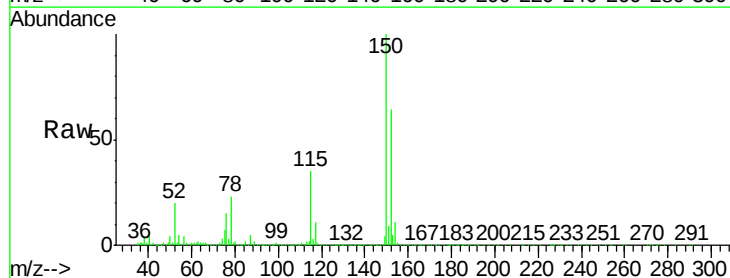
Tgt Ion:152 Resp: 279888

Ion Ratio Lower Upper

152 100

115 54.8 38.2 114.6

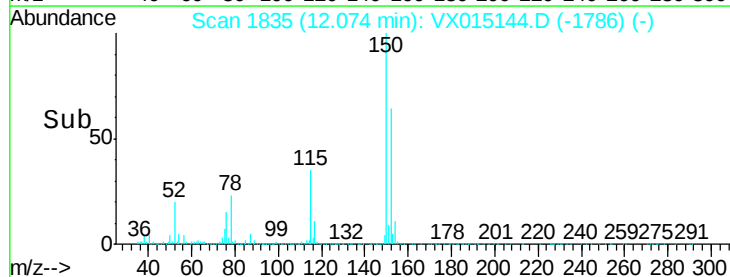
150 156.3 0.0 343.8



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



Time-->