

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015259.D
 Acq On : 13 Mar 2020 14:57
 Operator : JC/SP
 Sample : L1903-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20200310

Quant Time: Mar 16 15:29:07 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

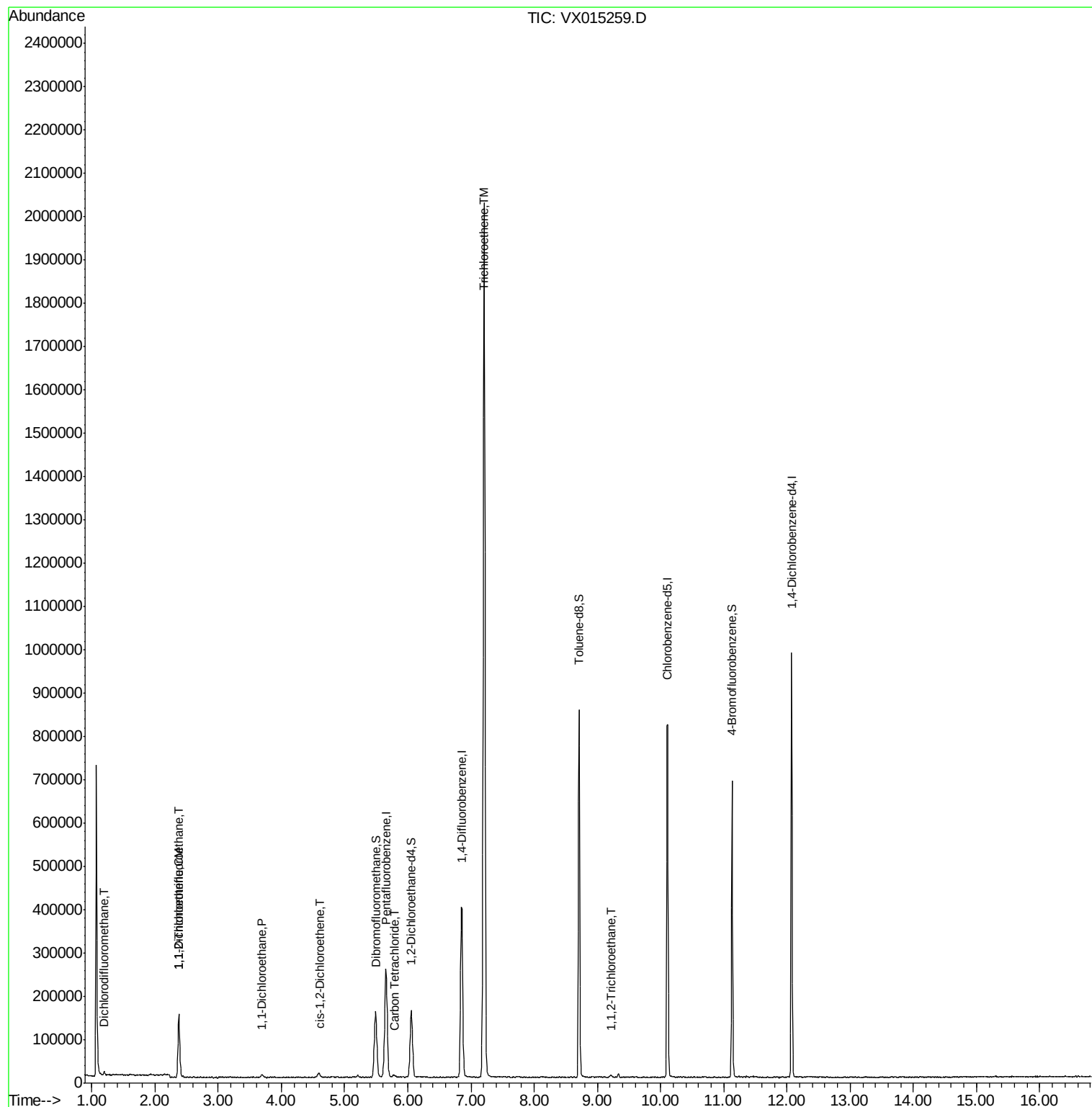
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	256146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	410613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	204065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147450	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.49	113	127436	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	500927	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	185290	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	2782	1.240	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44818	18.582	ug/l	97
12) 1,1-Dichloroethene	2.37	96	17734	7.124	ug/l	97
24) 1,1-Dichloroethane	3.69	63	5990	1.248	ug/l #	86
27) cis-1,2-Dichloroethene	4.59	96	7120	2.388	ug/l	89
38) Carbon Tetrachloride	5.78	117	4931	1.376	ug/l #	91
44) Trichloroethene	7.21	130	803647	256.231	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	2200	0.776	ug/l	88

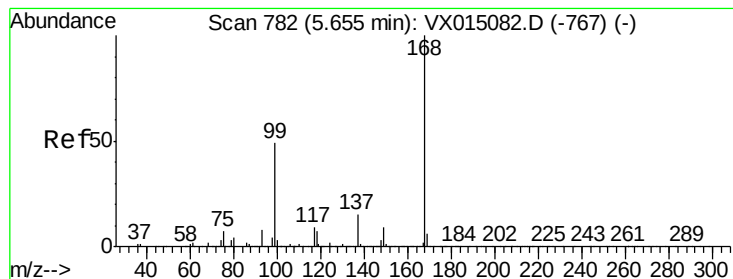
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VX015259.D

Acq: 13 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

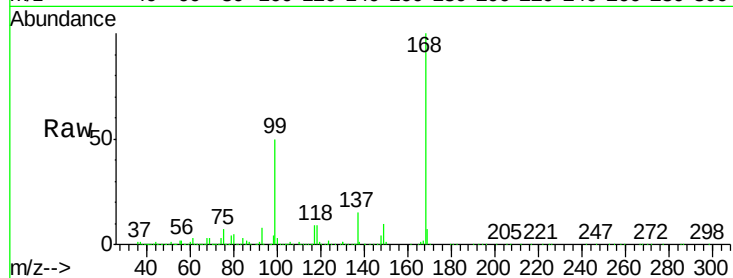
TT101D1-20200310

Tot Ion:168 Resp: 256146

Ion Ratio Lower Upper

168 100

99 49.9 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

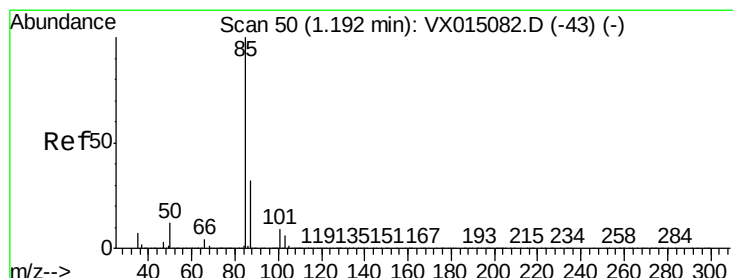
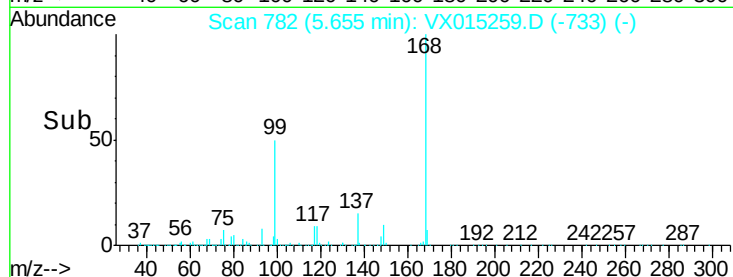
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.240 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015259.D

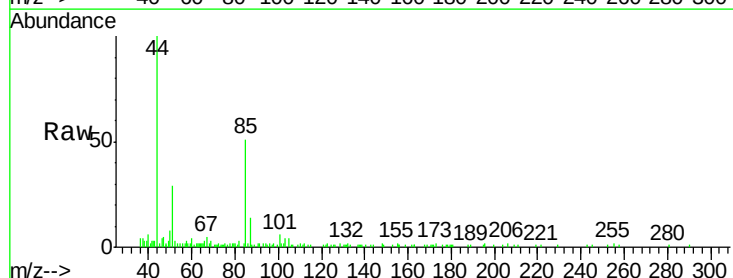
Acq: 13 Mar 2020 14:57

Tgt Ion: 85 Resp: 2782

Ion Ratio Lower Upper

85 100

87 27.2 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

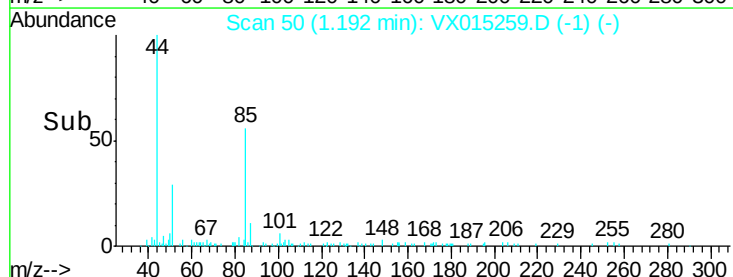
3000

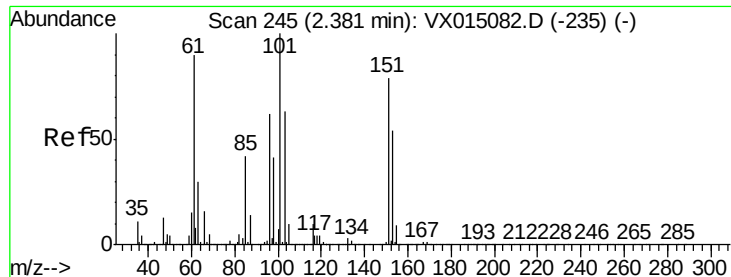
2000

1000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.582 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310

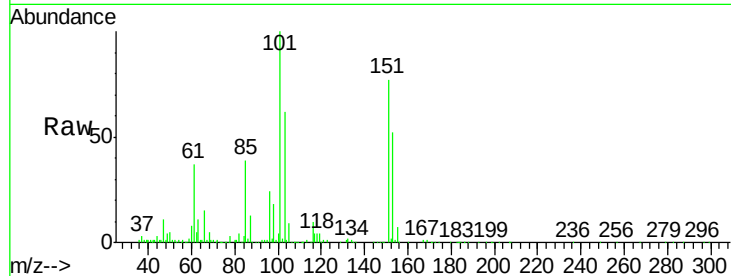
Tot Ion:101 Resp: 44818

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

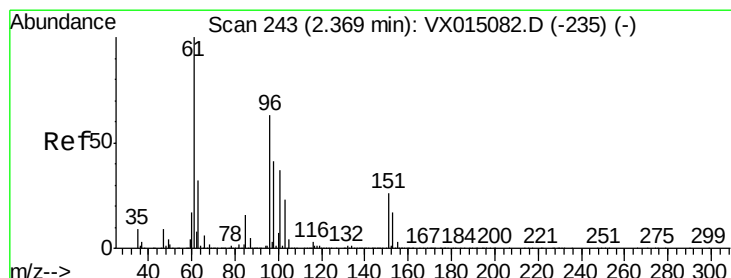
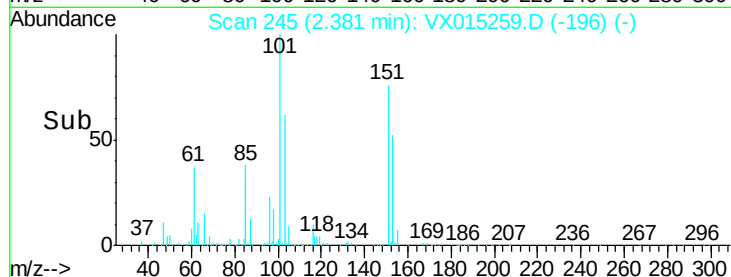
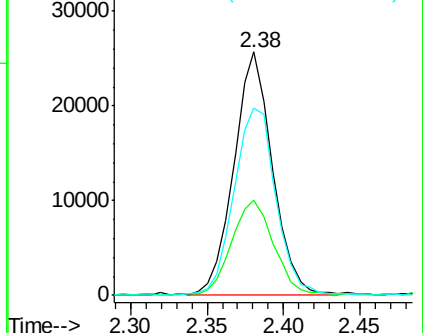
151 84.2 64.0 96.0



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: 7.124 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

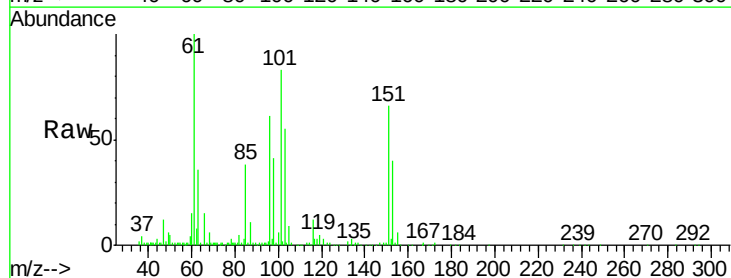
Tgt Ion: 96 Resp: 17734

Ion Ratio Lower Upper

96 100

61 161.7 126.2 189.4

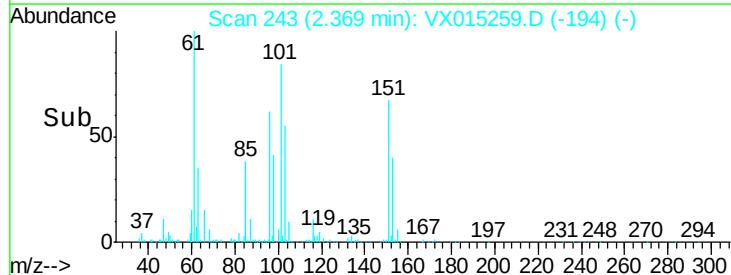
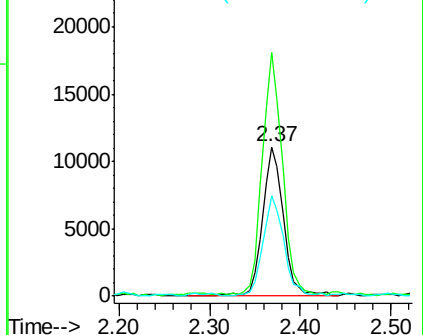
98 66.0 51.4 77.0

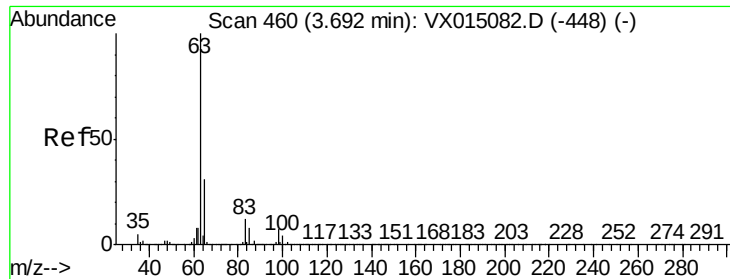


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 1.248 ug/l

RT: 3.69 min Scan# 459

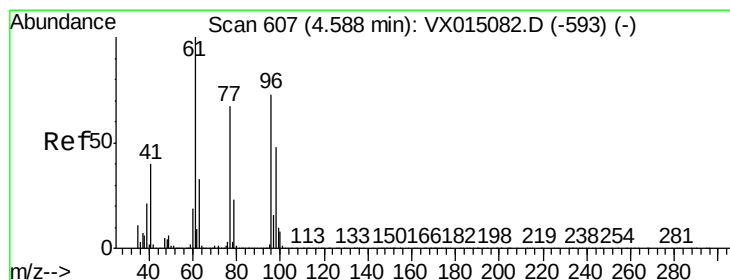
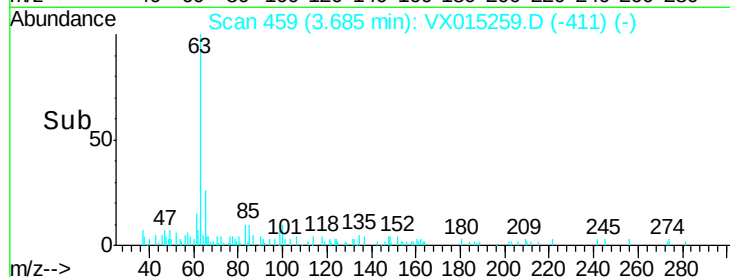
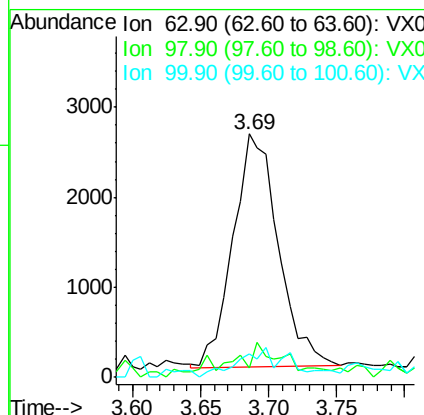
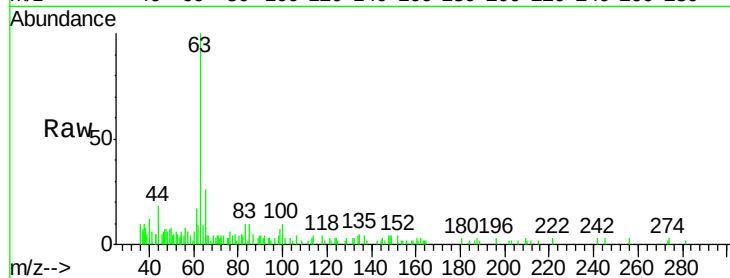
Delta R.T. -0.01 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20200310

Tot Ion:	63	Resp:	5990
Ion	Ratio	Lower	Upper
63	100		
98	1.8	3.7	11.1#
100	7.9	2.1	6.5#



#27

cis-1,2-Dichloroethene

Concen: 2.388 ug/l

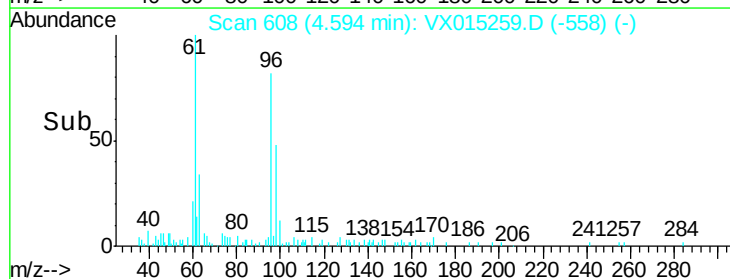
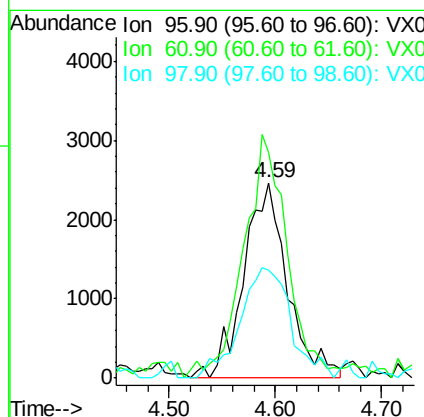
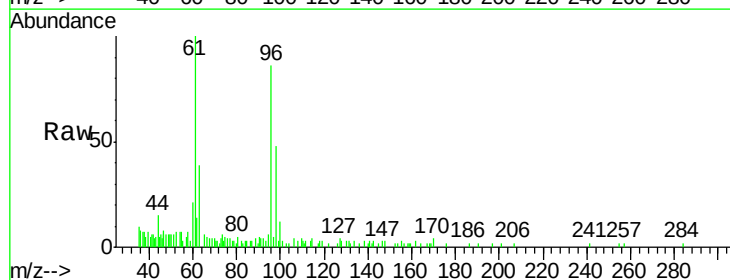
RT: 4.59 min Scan# 608

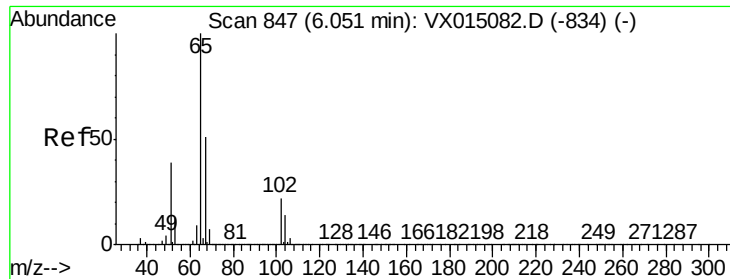
Delta R.T. 0.01 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

Tgt Ion:	96	Resp:	7120
Ion	Ratio	Lower	Upper
96	100		
61	123.9	0.0	286.8
98	65.5	0.0	128.4

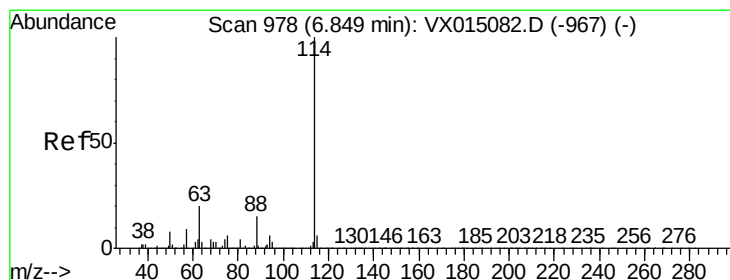
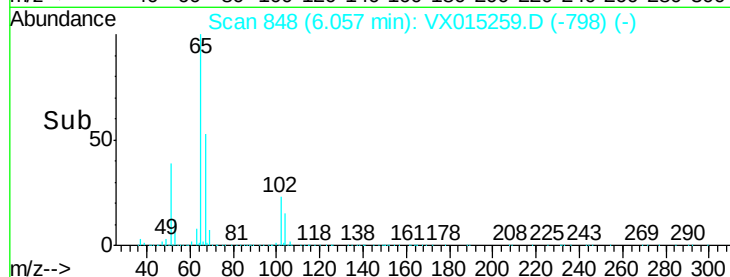
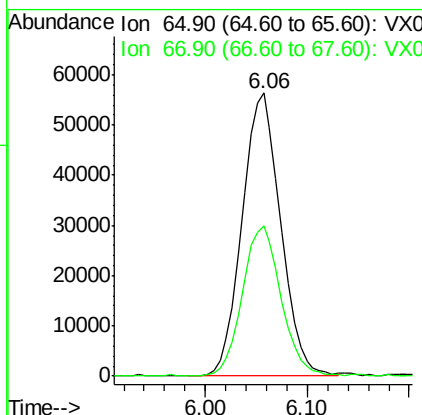
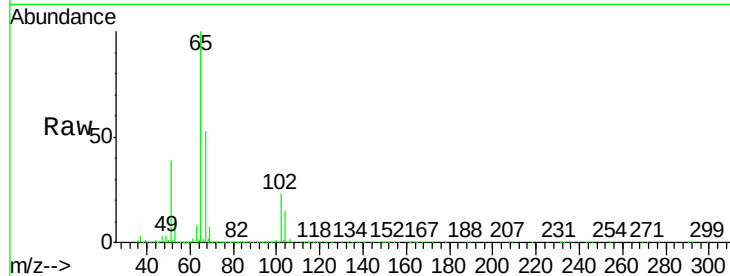




#33
 1,2-Dichloroethane-d4
 Concen: 48.522 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015259.D
 Acq: 13 Mar 2020 14:57

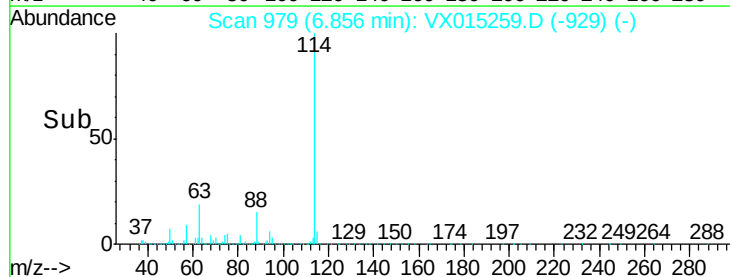
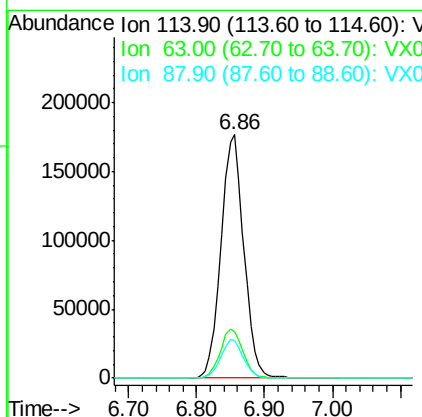
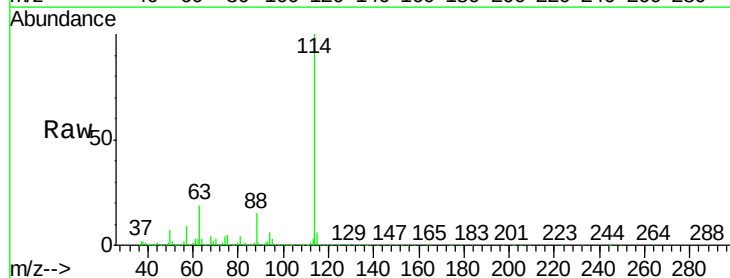
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20200310

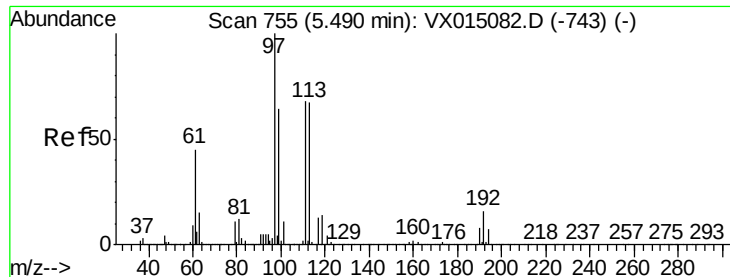
Tot Ion: 65 Resp: 147450
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015259.D
 Acq: 13 Mar 2020 14:57

Tgt Ion: 114 Resp: 410613
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.195 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310

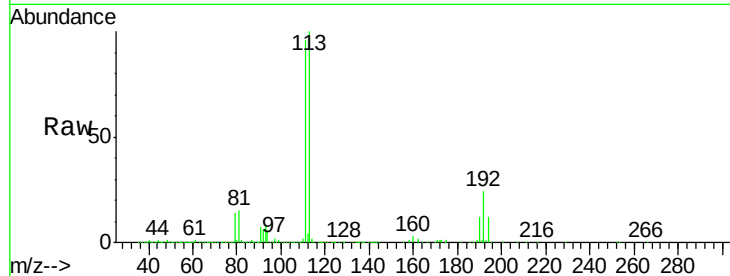
Tot Ion:113 Resp: 127436

Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

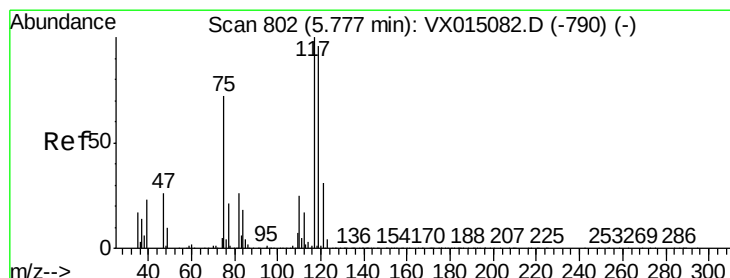
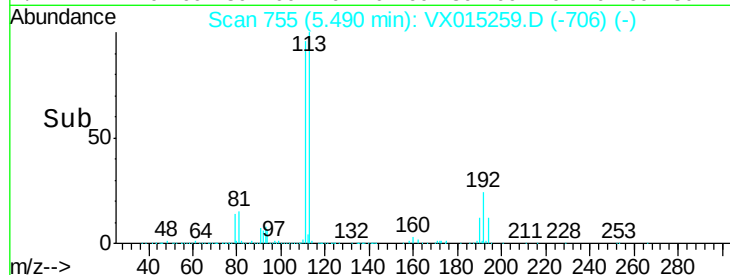
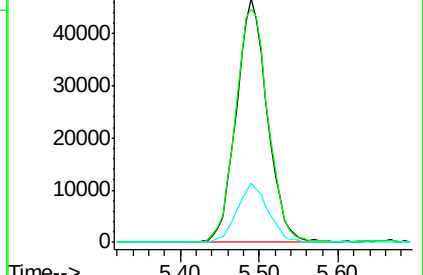
192 24.4 18.6 28.0



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: 1.376 ug/l

RT: 5.78 min Scan# 803

Delta R.T. 0.01 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

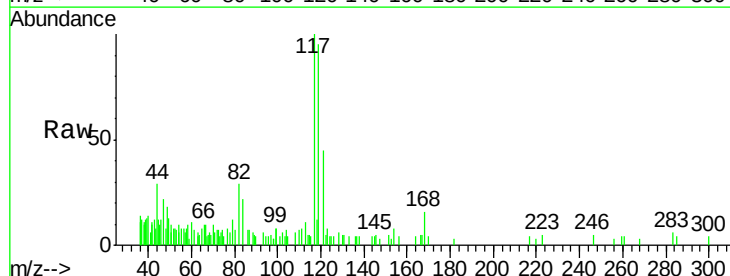
Tgt Ion:117 Resp: 4931

Ion Ratio Lower Upper

117 100

119 98.6 76.9 115.3

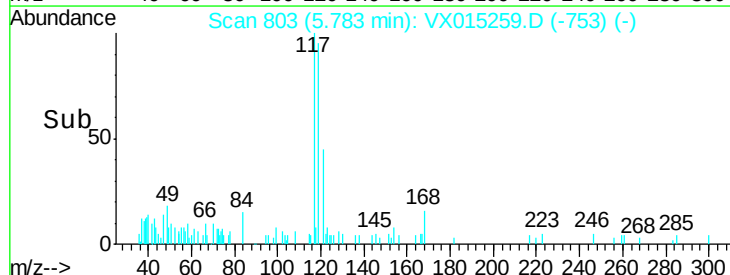
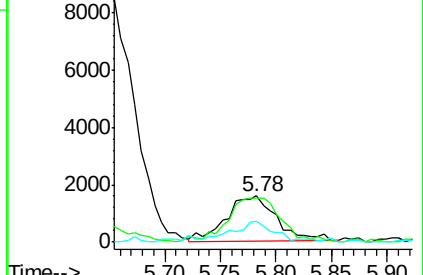
121 46.9 24.6 37.0#

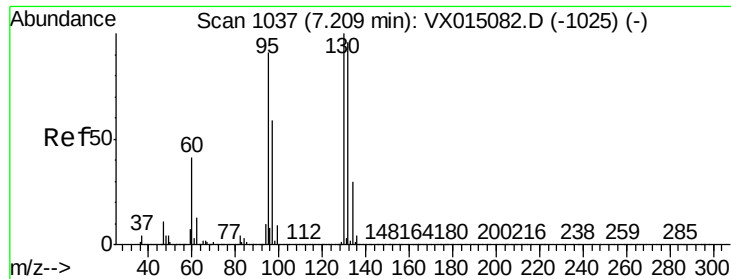


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 256.231 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

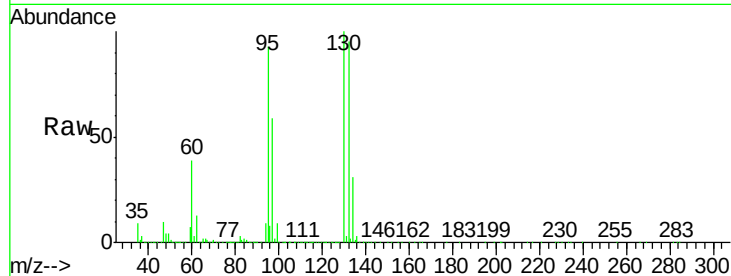
TT101D1-20200310

Tot Ion:130 Resp: 803647

Ion Ratio Lower Upper

130 100

95 93.1 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400000

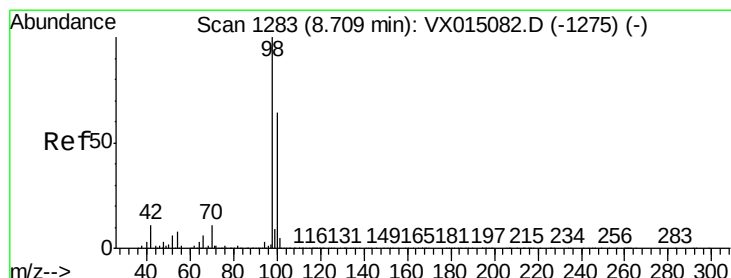
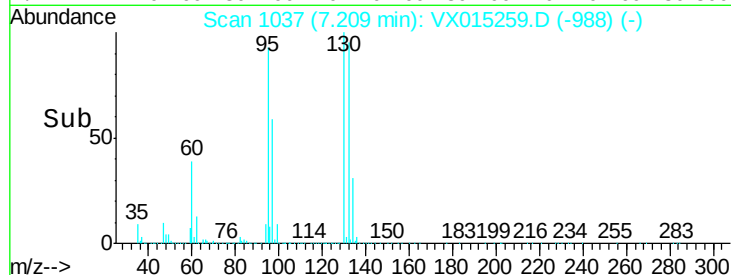
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 50.837 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015259.D

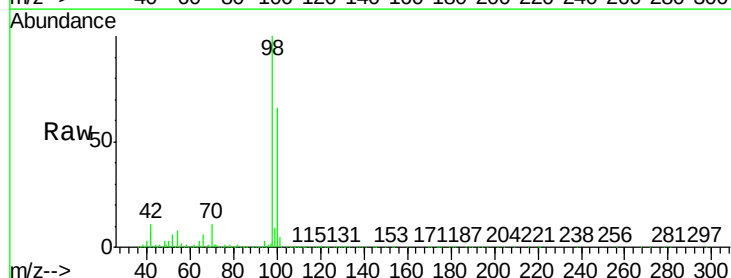
Acq: 13 Mar 2020 14:57

Tgt Ion: 98 Resp: 500927

Ion Ratio Lower Upper

98 100

100 66.0 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

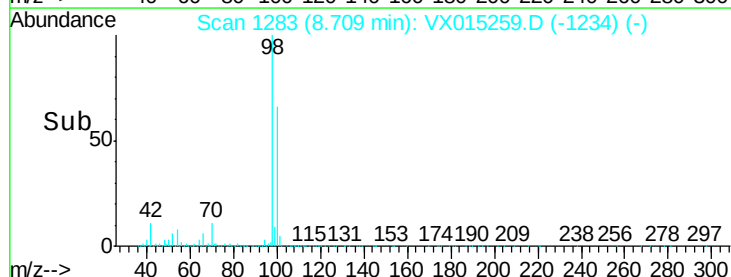
300000

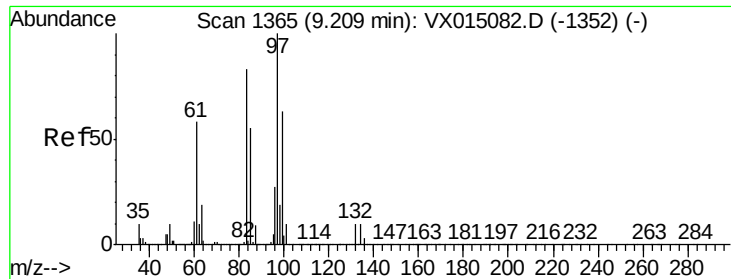
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.776 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310

Tot Ion: 97 Resp: 2200

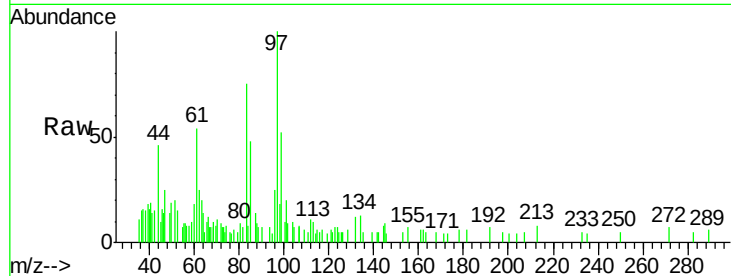
Ion	Ratio	Lower	Upper
97	100		
83	71.6	66.4	99.6
85	44.0	43.5	65.3
99	56.3	50.7	76.1

97 100

83 71.6 66.4 99.6

85 44.0 43.5 65.3

99 56.3 50.7 76.1



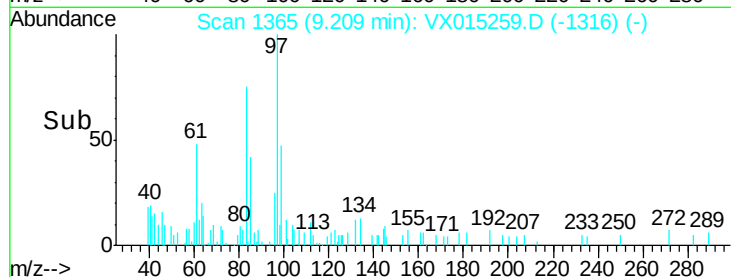
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

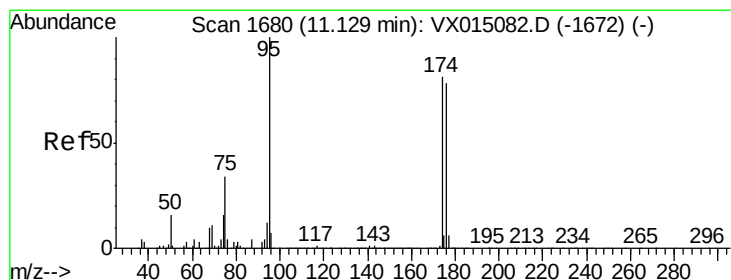
Ion 98.90 (98.60 to 99.60): VX0

Time-->



9.21

Time-->



#62

4-Bromofluorobenzene

Concen: 52.719 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

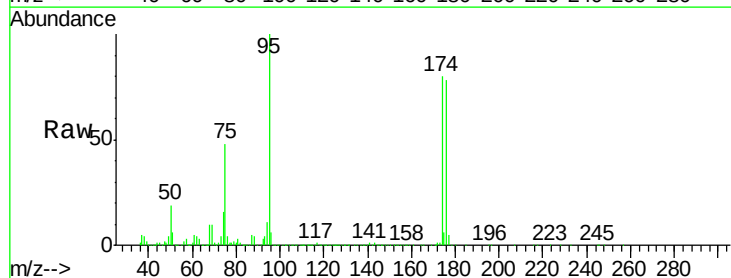
Tgt Ion: 95 Resp: 185290

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	177.6
176	86.1	0.0	170.2

95 100

174 90.1 0.0 177.6

176 86.1 0.0 170.2

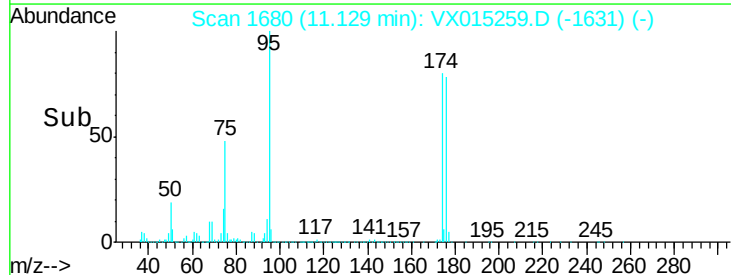


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

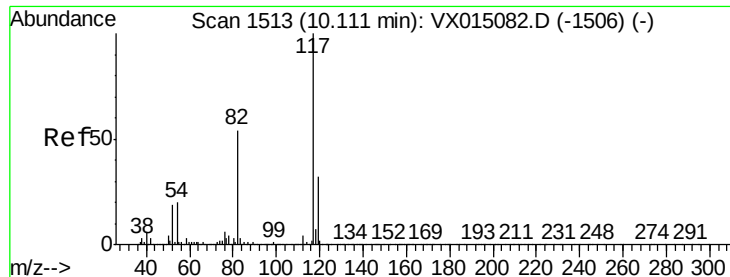
Ion 175.80 (175.50 to 176.50): V

Time-->



11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310

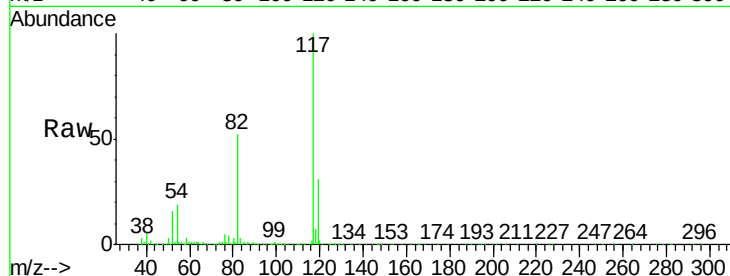
Tot Ion:117 Resp: 396657

Ion Ratio Lower Upper

117 100

82 52.4 43.3 64.9

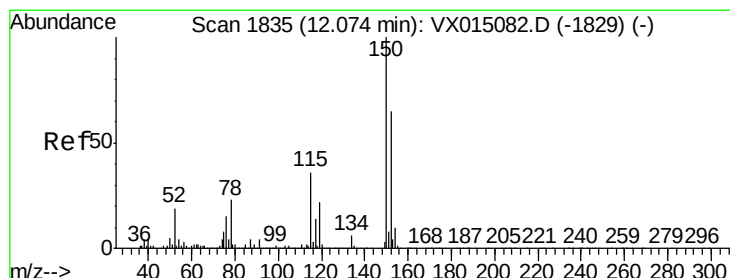
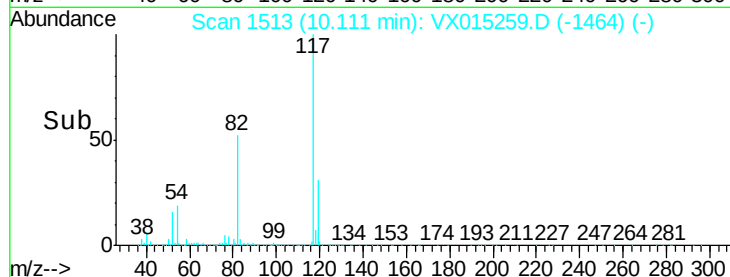
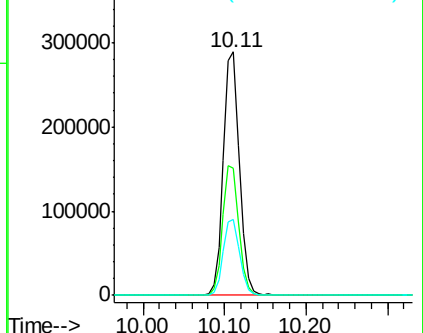
119 31.3 25.8 38.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015259.D

Acq: 13 Mar 2020 14:57

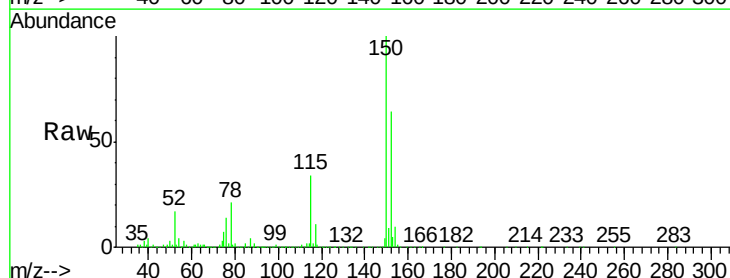
Tgt Ion:152 Resp: 204065

Ion Ratio Lower Upper

152 100

115 54.7 38.2 114.6

150 156.2 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

