

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013900.D
 Acq On : 10 Dec 2019 16:00
 Operator : JC/SP
 Sample : K6185-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20191204

Quant Time: Dec 11 06:25:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

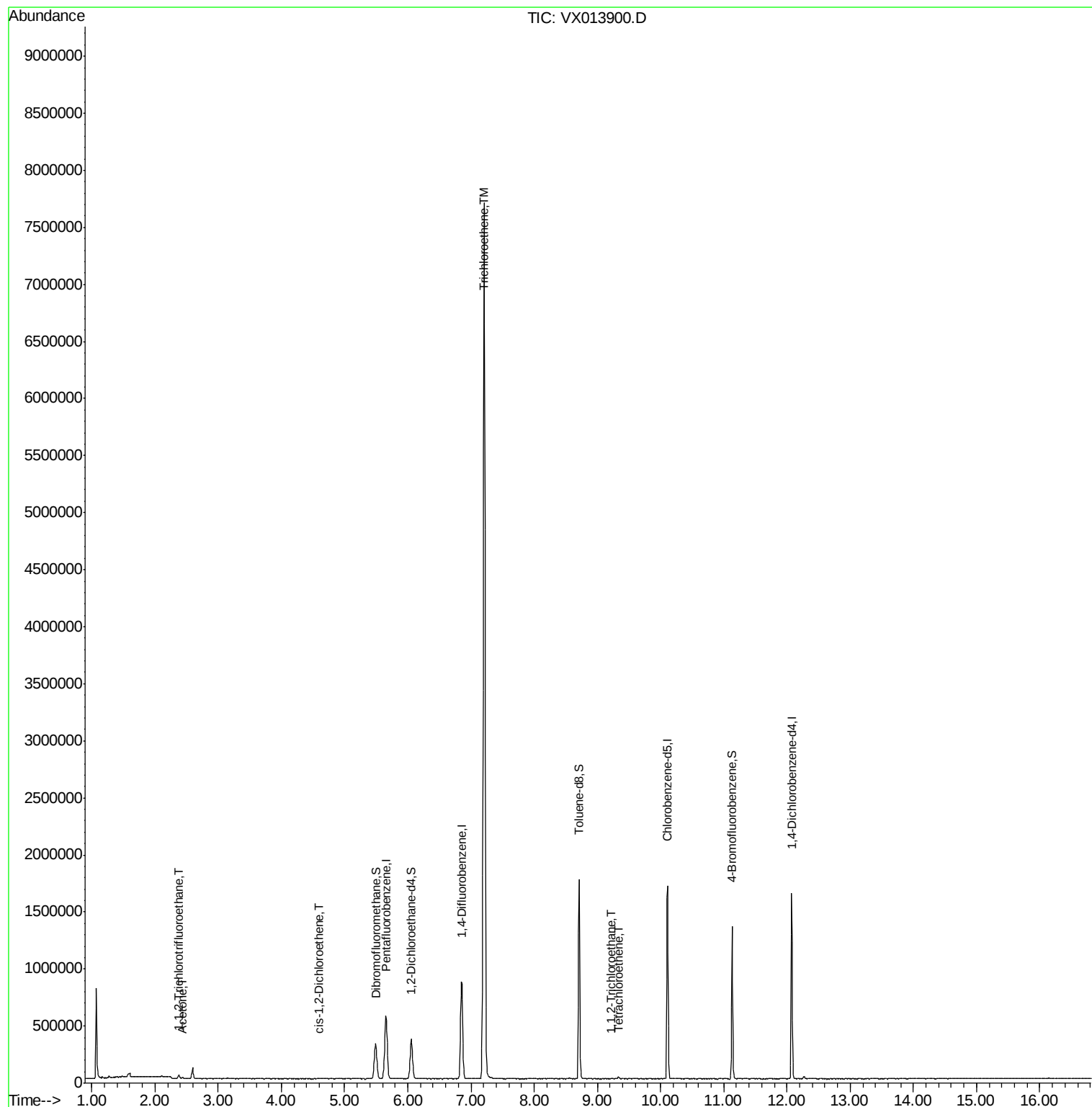
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	579155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	892410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	790150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	324564	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	5.49	113	269028	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	1044080	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.13	95	349395	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	13476	2.441	ug/l	97
16) Acetone	2.43	43	9626	2.900	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	4744	0.688	ug/l	81
44) Trichloroethene	7.21	130	2972355	438.964	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	1756	0.284	ug/l #	88
64) Tetrachloroethene	9.33	164	4224	0.717	ug/l	87

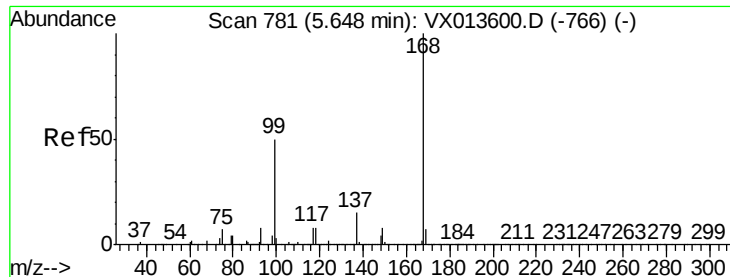
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121019\
Data File : VX013900.D
Acq On : 10 Dec 2019 16:00
Operator : JC/SP
Sample : K6185-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Quant Time: Dec 11 06:25:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

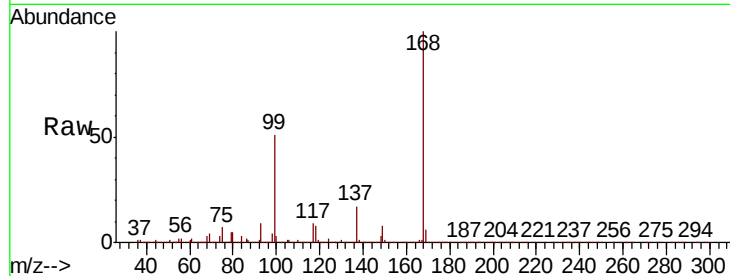
RE103D2-20191204

Tot Ion:168 Resp: 579155

Ion Ratio Lower Upper

168 100

99 51.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

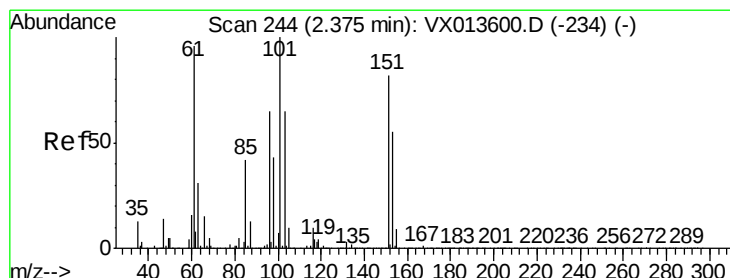
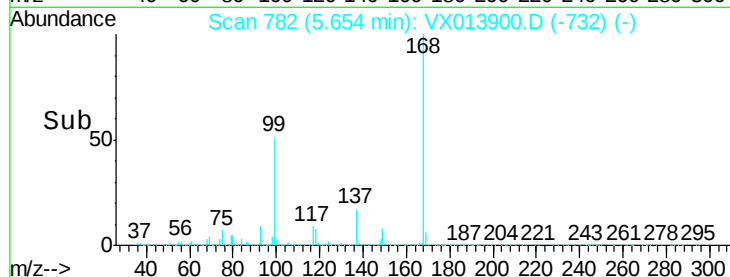
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.441 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

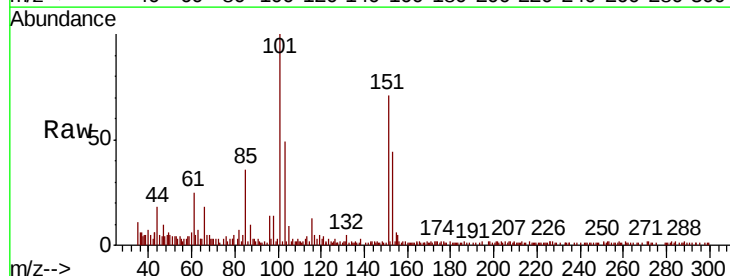
Tgt Ion:101 Resp: 13476

Ion Ratio Lower Upper

101 100

85 40.7 33.9 50.9

151 77.8 64.2 96.2



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

2.37

10000

8000

6000

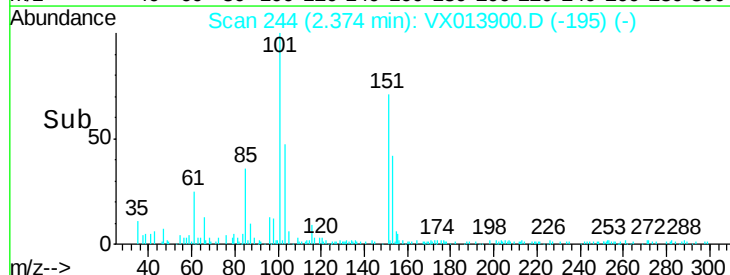
4000

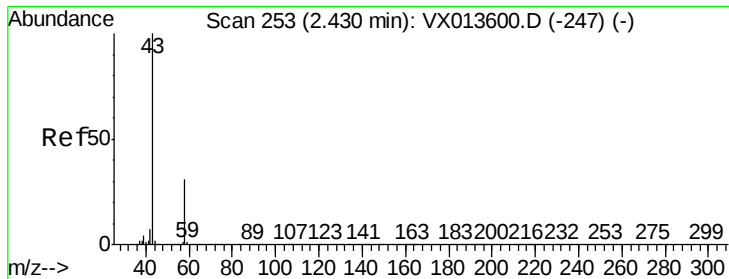
2000

0

Time-->

2.30 2.35 2.40 2.45

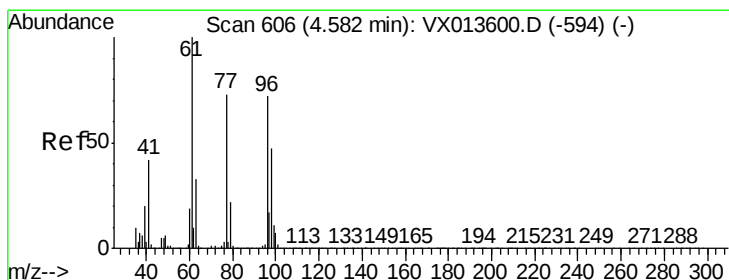
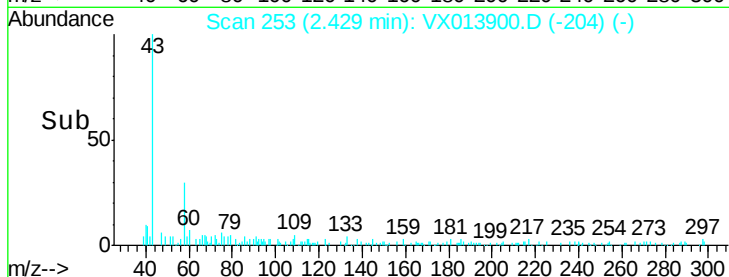
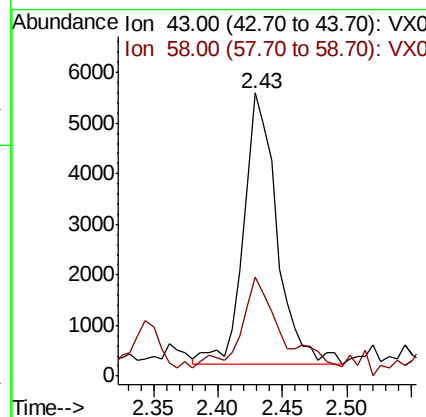
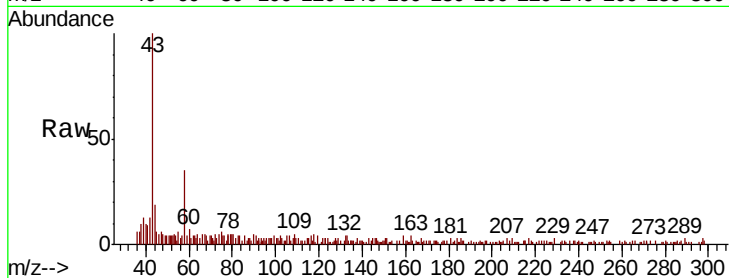




#16
Acetone
Concen: 2.900 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

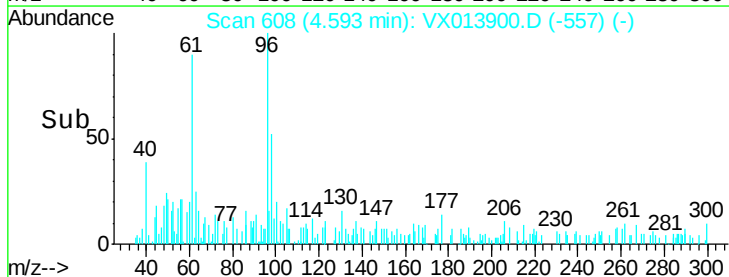
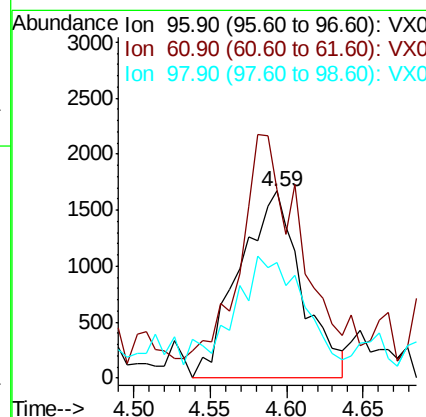
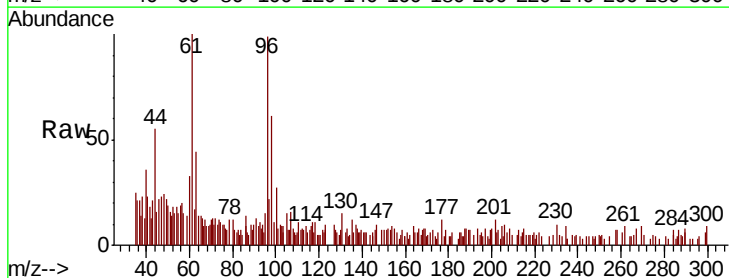
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

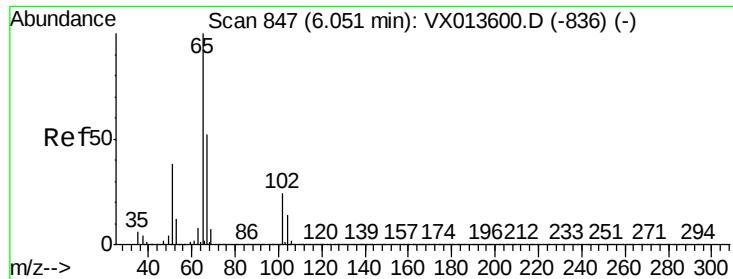
Tot Ion: 43 Resp: 9626
Ion Ratio Lower Upper
43 100
58 33.5 24.6 36.8



#27
cis-1,2-Dichloroethene
Concen: 0.688 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 96 Resp: 4744
Ion Ratio Lower Upper
96 100
61 111.3 0.0 286.4
98 67.0 0.0 127.4

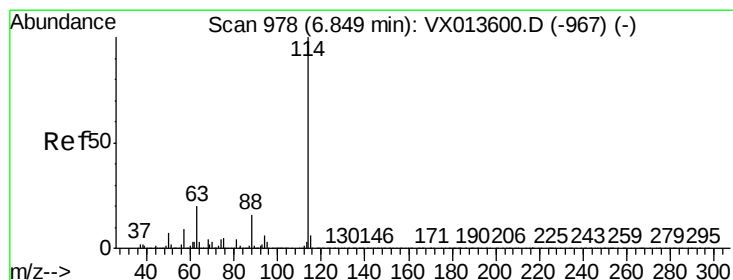
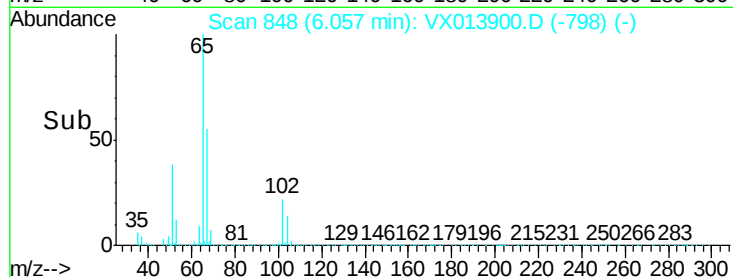
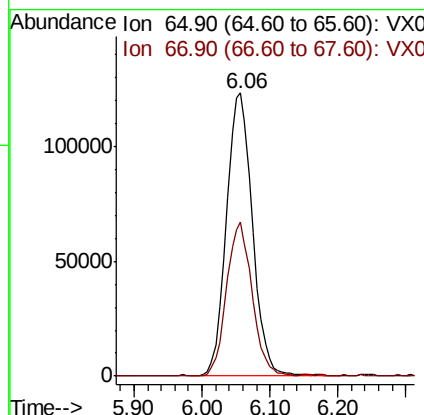
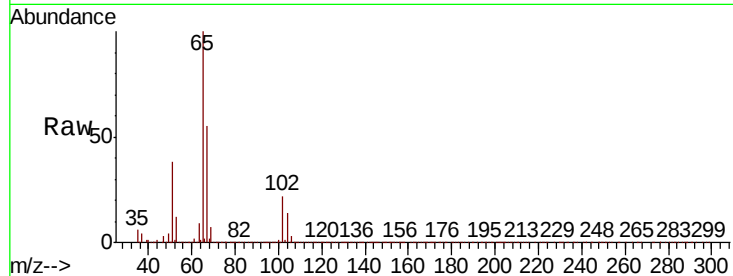




#33
 1,2-Dichloroethane-d4
 Concen: 48.279 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013900.D
 Acq: 10 Dec 2019 16:00

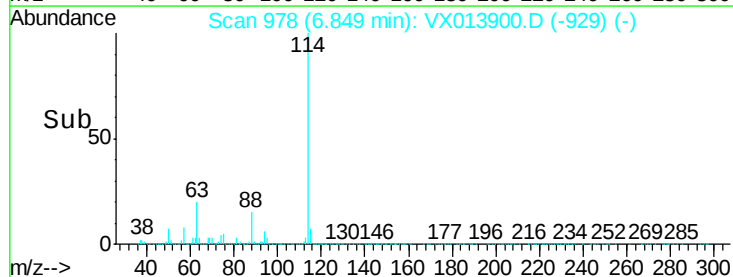
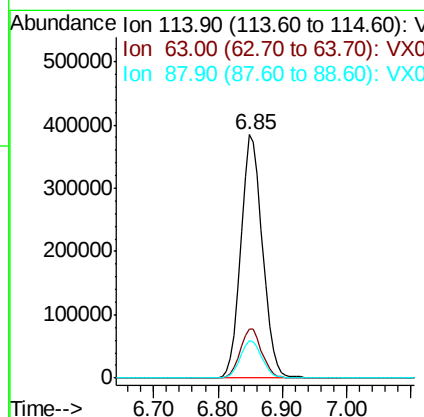
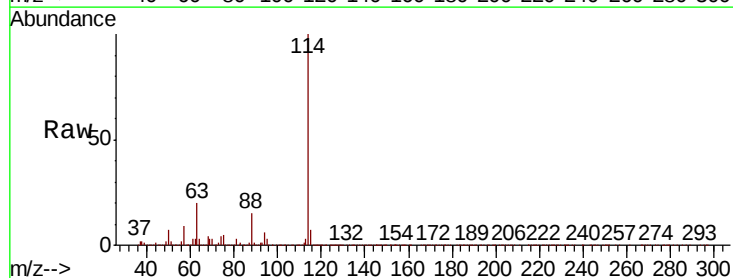
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20191204

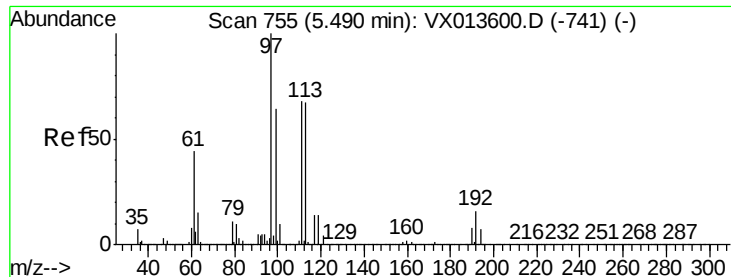
Tot Ion: 65 Resp: 324564
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013900.D
 Acq: 10 Dec 2019 16:00

Tgt Ion: 114 Resp: 892410
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.764 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20191204

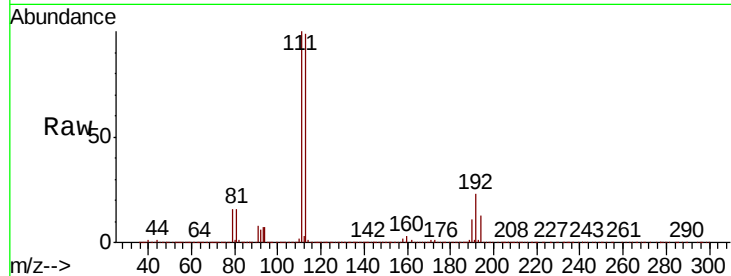
Tot Ion:113 Resp: 269028

Ion Ratio Lower Upper

113 100

111 102.7 83.6 125.4

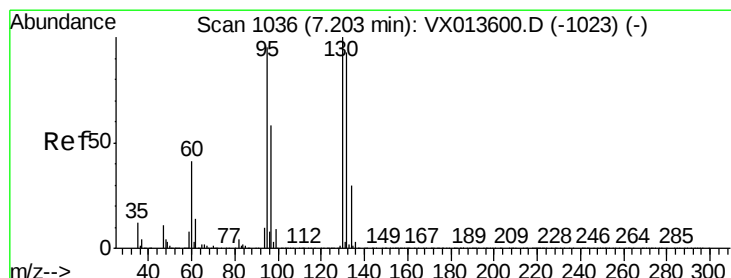
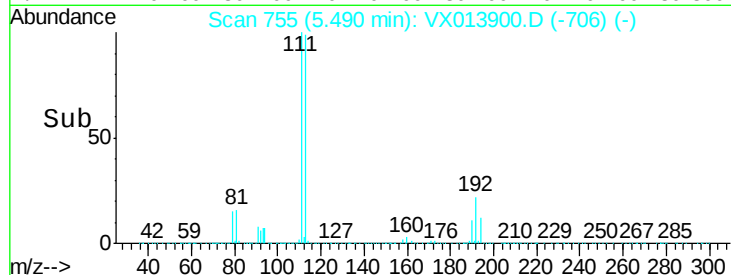
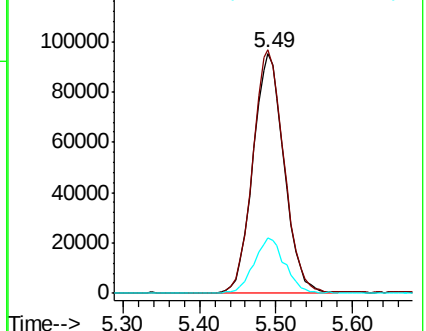
192 23.1 19.2 28.8



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: 438.964 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013900.D

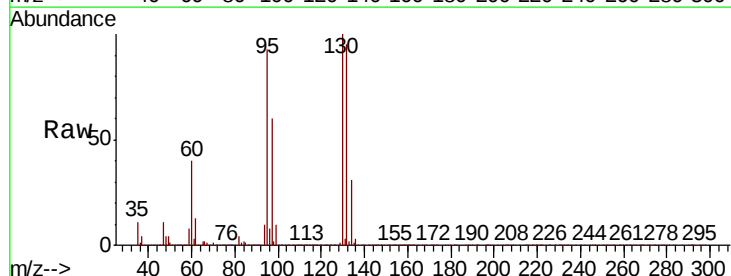
Acq: 10 Dec 2019 16:00

Tgt Ion:130 Resp: 2972355

Ion Ratio Lower Upper

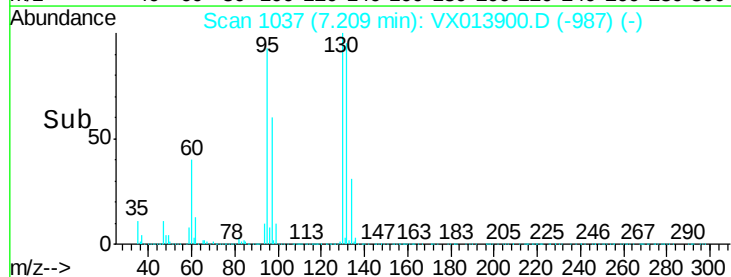
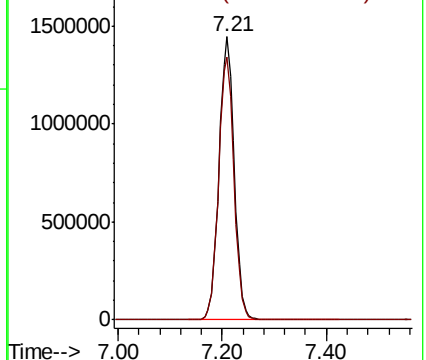
130 100

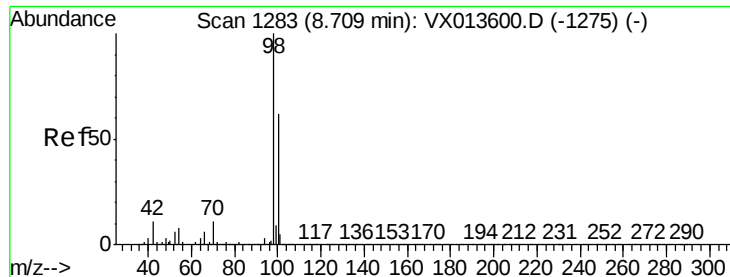
95 92.9 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.574 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

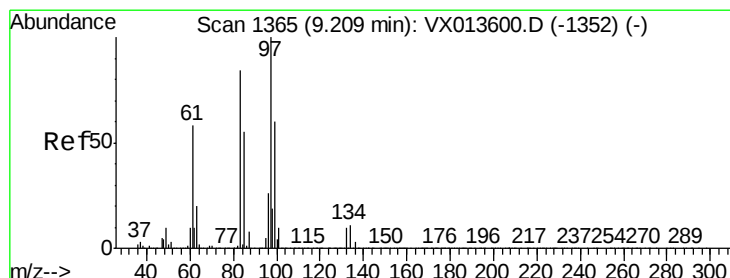
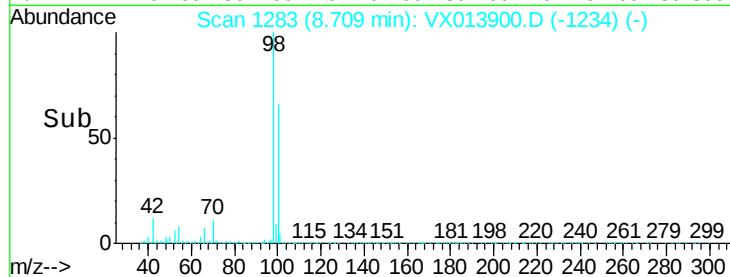
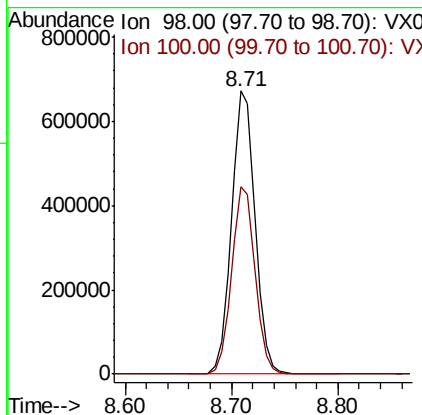
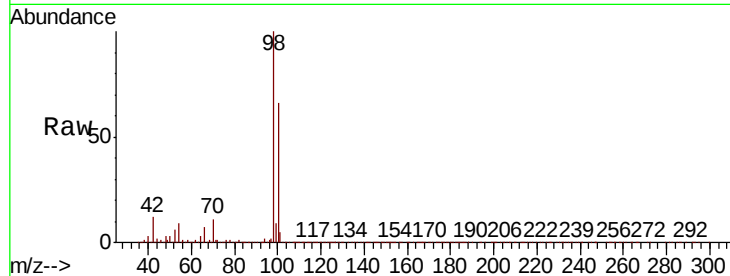
RE103D2-20191204

Tot Ion: 98 Resp: 1044080

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#55

1,1,2-Trichloroethane

Concen: 0.284 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

Tgt Ion: 97 Resp: 1756

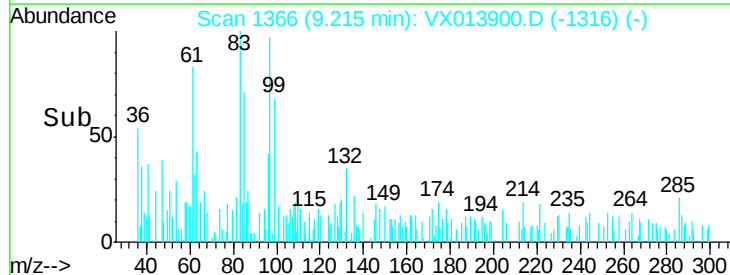
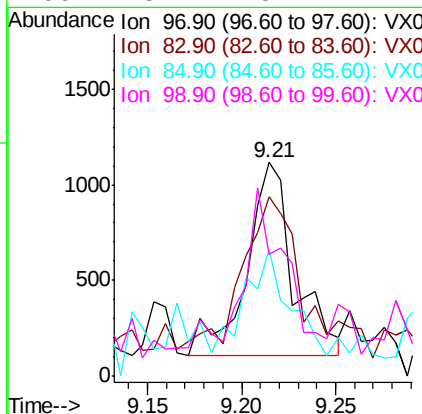
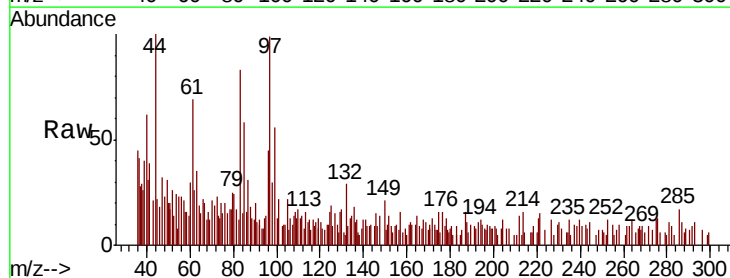
Ion Ratio Lower Upper

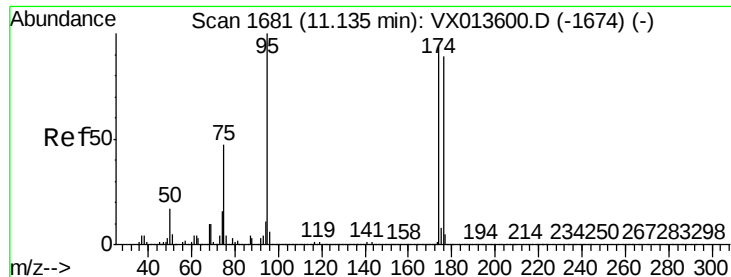
97 100

83 74.6 67.3 100.9

85 47.6 43.6 65.4

99 48.2 48.2 72.4#





#62

4-Bromofluorobenzene

Concen: 45.077 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20191204

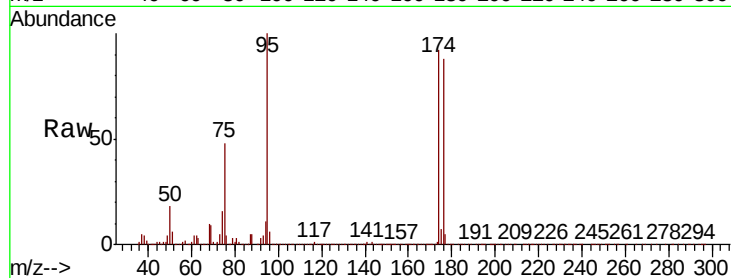
Tot Ion: 95 Resp: 349395

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

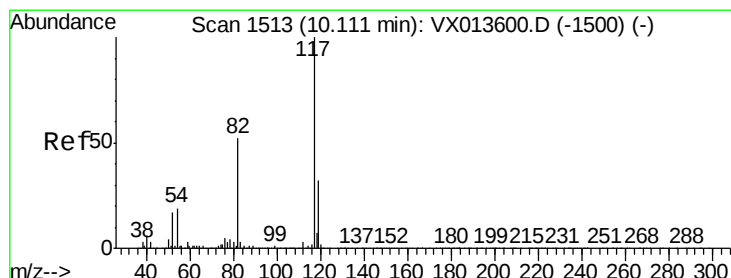
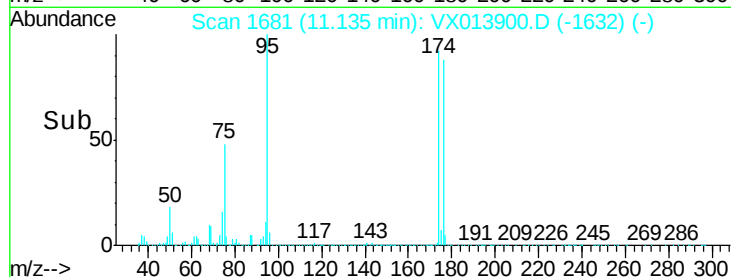
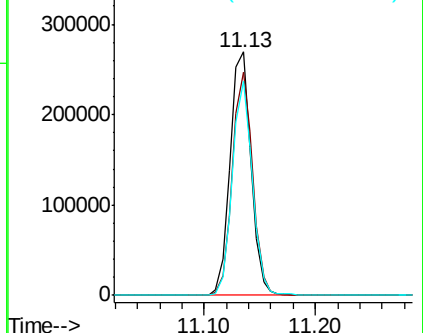
176 84.9 0.0 173.6



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: VX013900.D

Acq: 10 Dec 2019 16:00

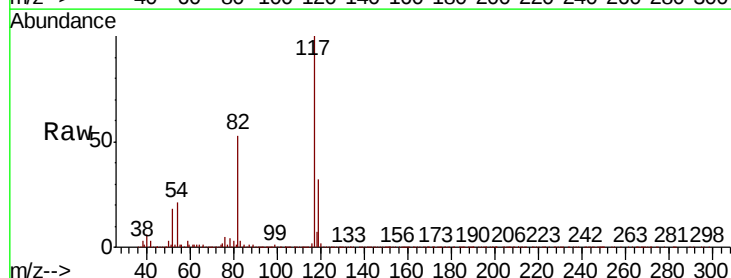
Tgt Ion: 117 Resp: 790150

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

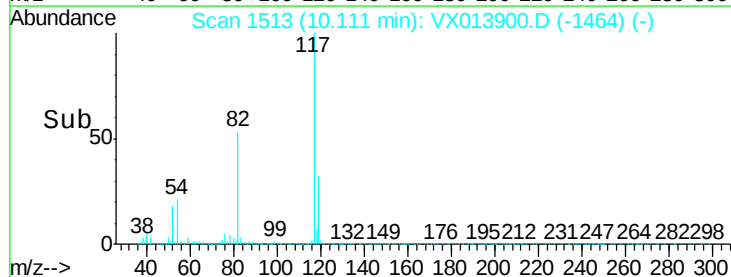
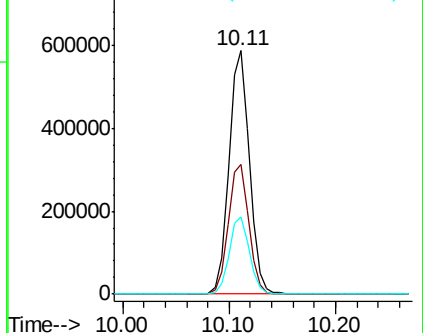
119 31.7 25.8 38.8

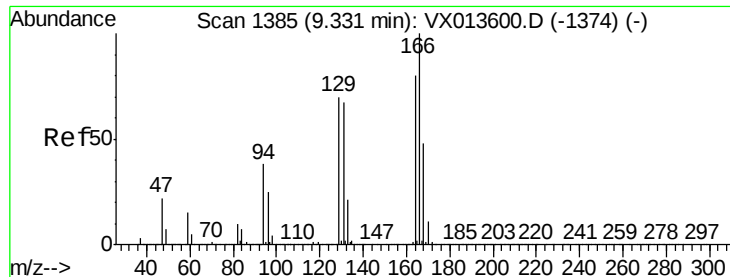


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.717 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20191204

Tot Ion:164 Resp: 4224

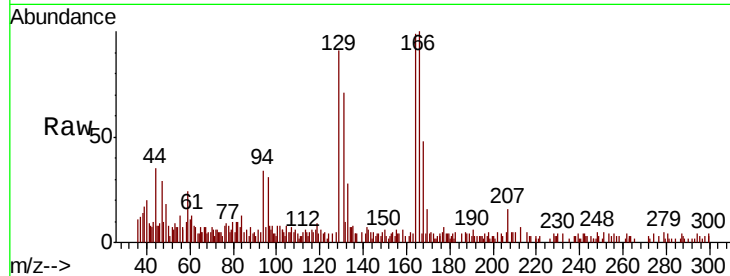
Ion Ratio Lower Upper

164 100

166 104.6 99.7 149.5

129 95.5 70.1 105.1

131 72.6 66.9 100.3

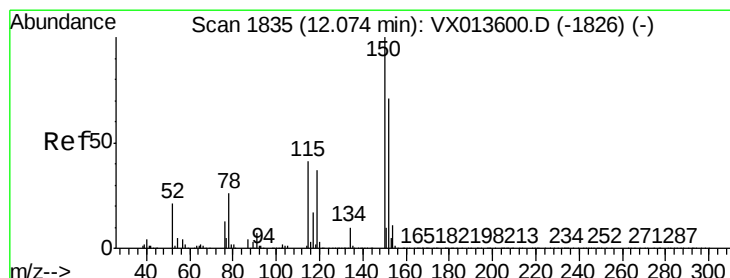
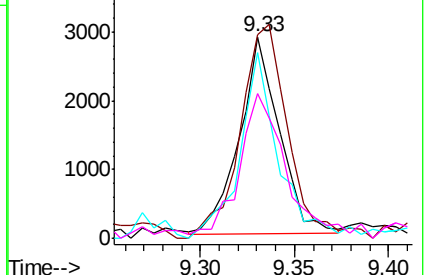
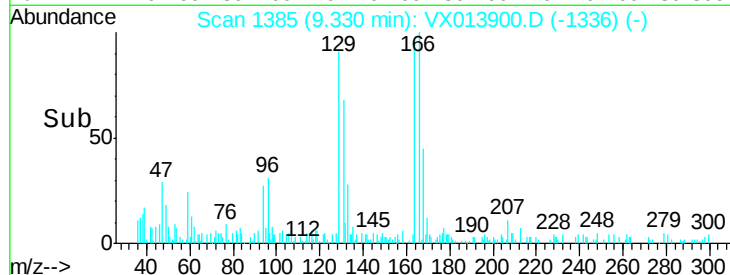


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013900.D

Acq: 10 Dec 2019 16:00

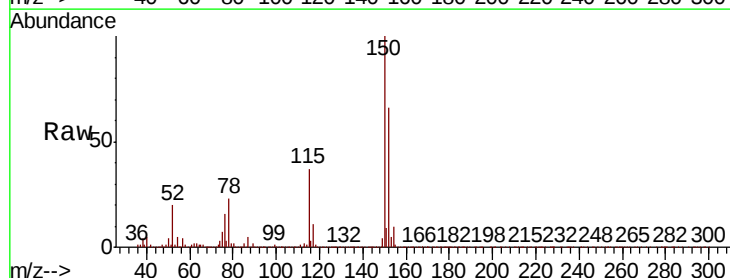
Tgt Ion:152 Resp: 340540

Ion Ratio Lower Upper

152 100

115 56.4 38.4 115.1

150 156.9 0.0 346.8



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

