

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013902.D
 Acq On : 10 Dec 2019 16:46
 Operator : JC/SP
 Sample : K6185-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20191204

Quant Time: Dec 11 03:22:20 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

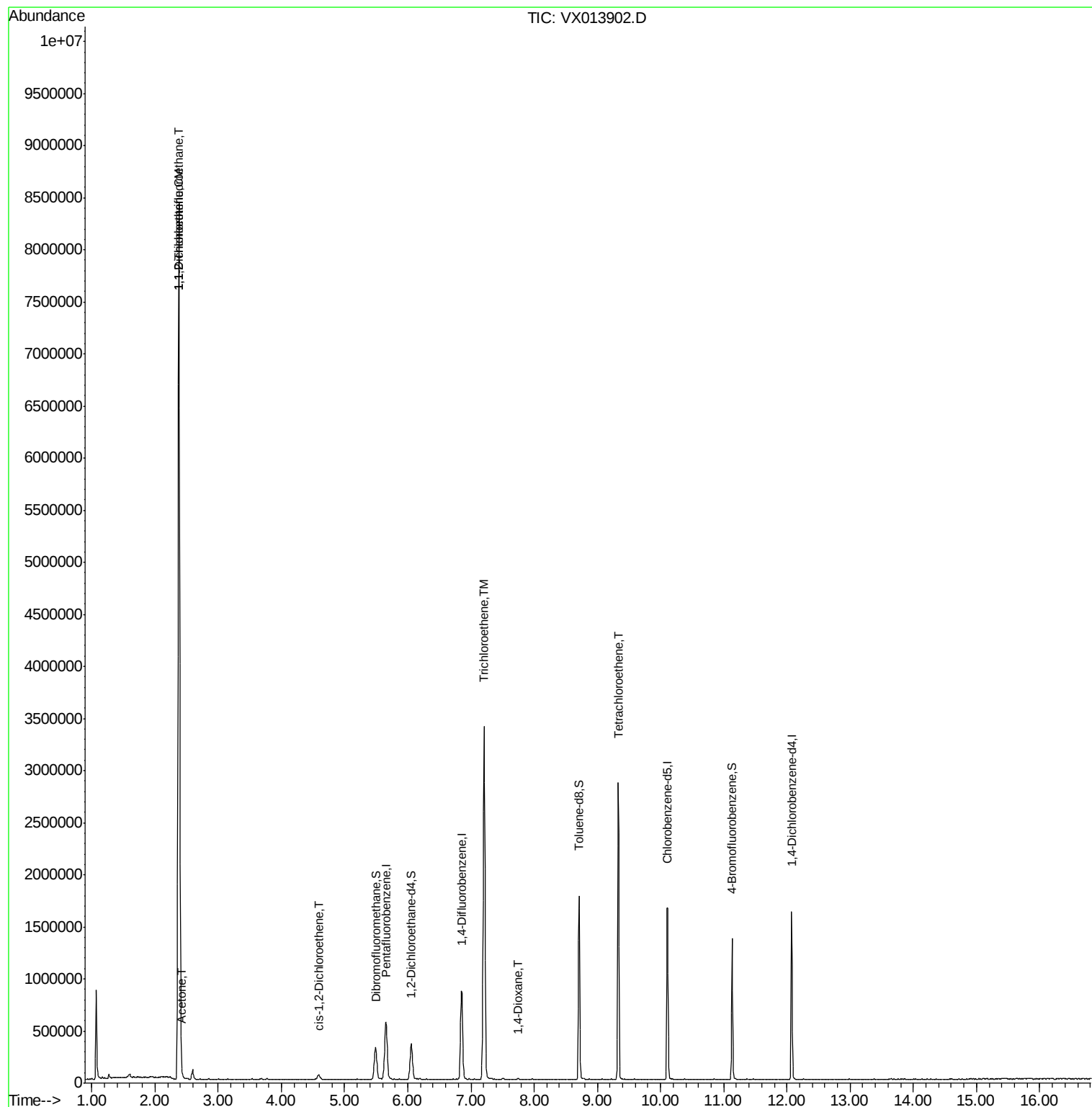
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	576511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	887326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	798119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	323472	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	267830	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1053265	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.14	95	350377	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3412691	620.879	ug/l	99
12) 1,1-Dichloroethene	2.37	96	20609	3.756	ug/l	91
16) Acetone	2.43	43	9976	3.019	ug/l #	85
27) cis-1,2-Dichloroethene	4.59	96	28550	4.159	ug/l	87
44) Trichloroethene	7.21	130	1333078	198.000	ug/l	99
49) 1,4-Dioxane	7.74	88	5217	32.245	ug/l #	87
64) Tetrachloroethene	9.33	164	561839	94.397	ug/l	98

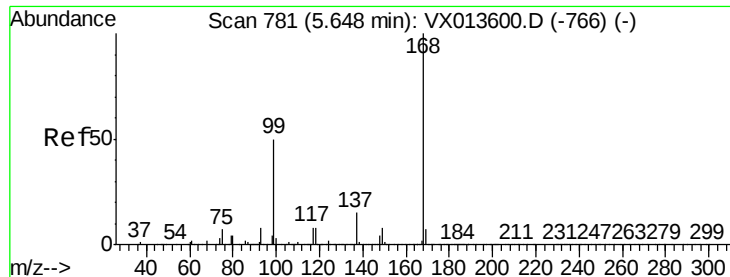
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013902.D

Acq: 10 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

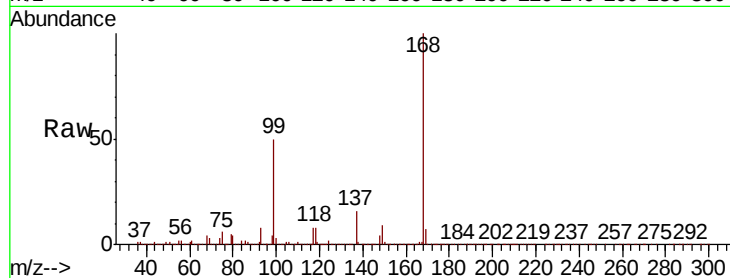
RE134D3-20191204

Tot Ion:168 Resp: 576511

Ion Ratio Lower Upper

168 100

99 49.7 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

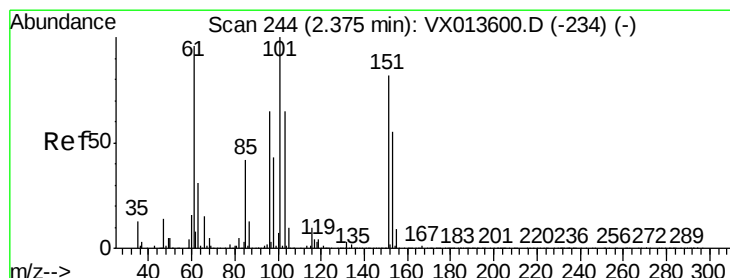
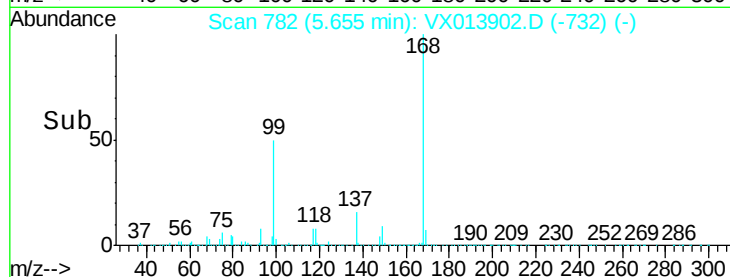
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 620.879 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

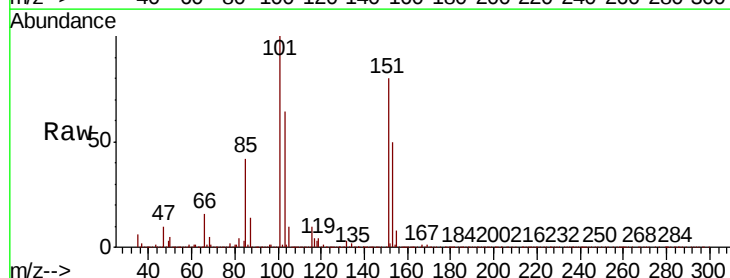
Tgt Ion:101 Resp: 3412691

Ion Ratio Lower Upper

101 100

85 42.2 33.9 50.9

151 81.5 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

2000000

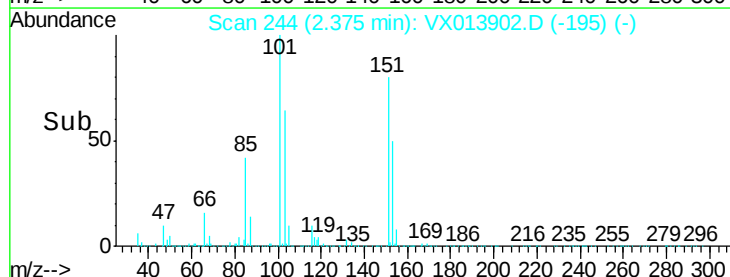
1500000

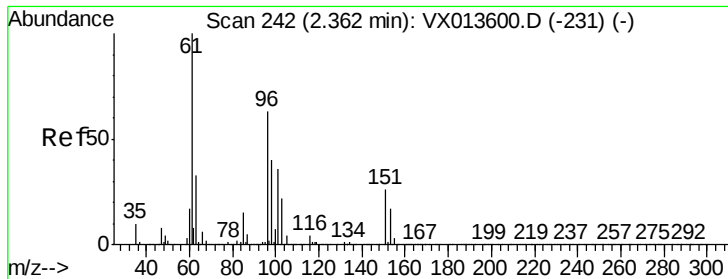
1000000

500000

0

Time-->





#12

1,1-Dichloroethene

Concen: 3.756 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20191204

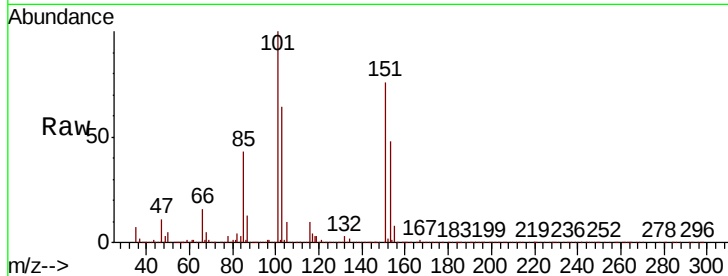
Tot Ion: 96 Resp: 20609

Ion Ratio Lower Upper

96 100

61 143.0 126.6 190.0

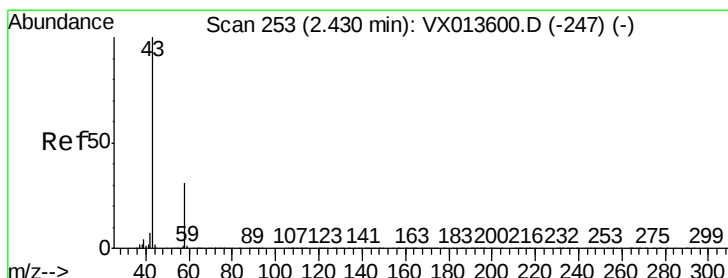
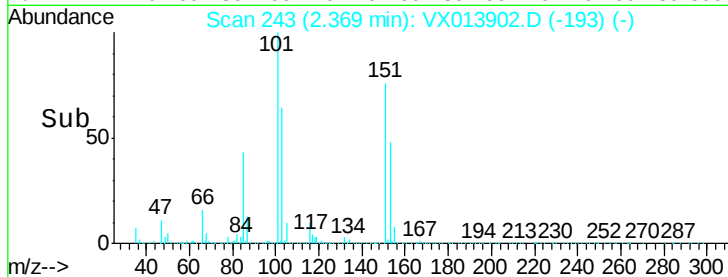
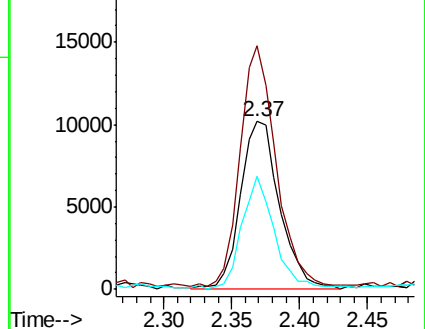
98 65.2 50.6 76.0



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



#16

Acetone

Concen: 3.019 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013902.D

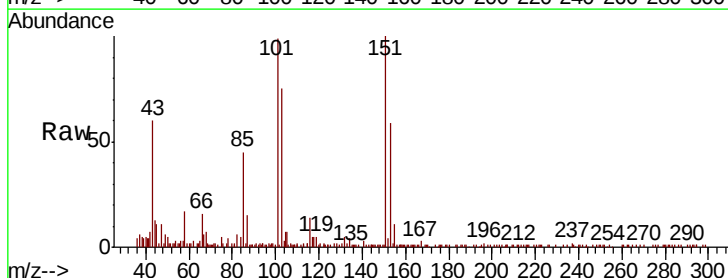
Acq: 10 Dec 2019 16:46

Tgt Ion: 43 Resp: 9976

Ion Ratio Lower Upper

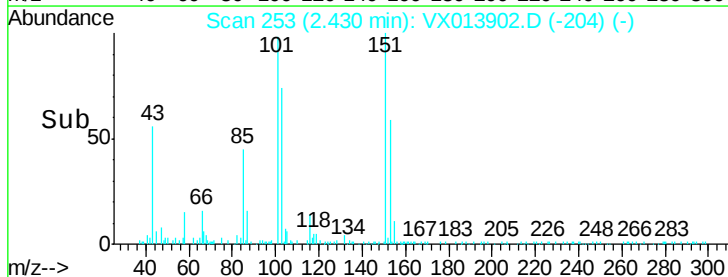
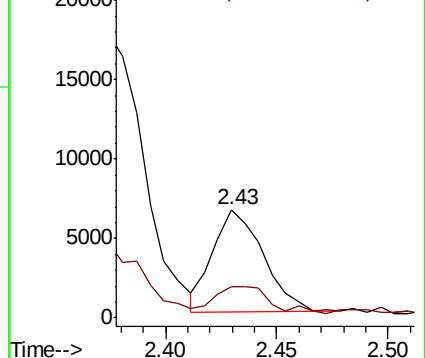
43 100

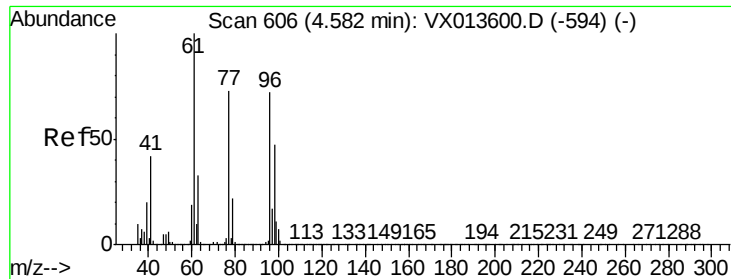
58 22.6 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



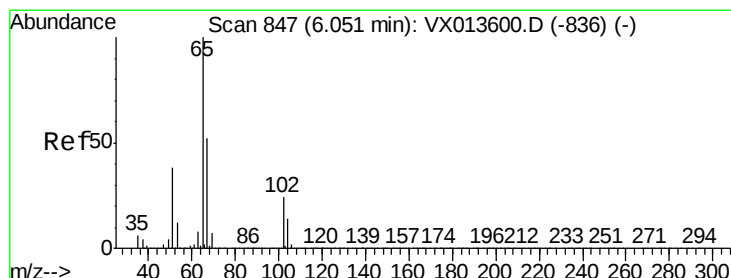
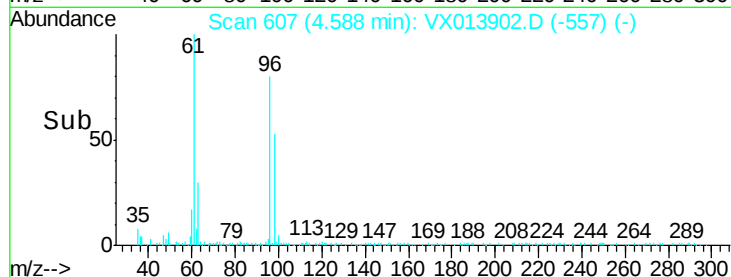
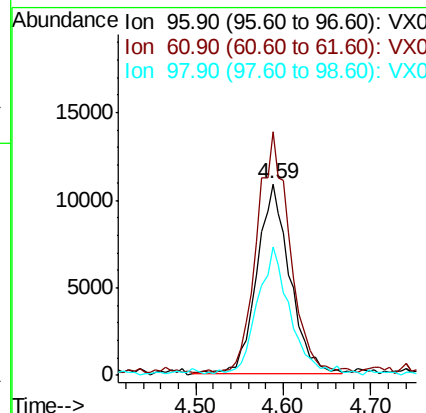
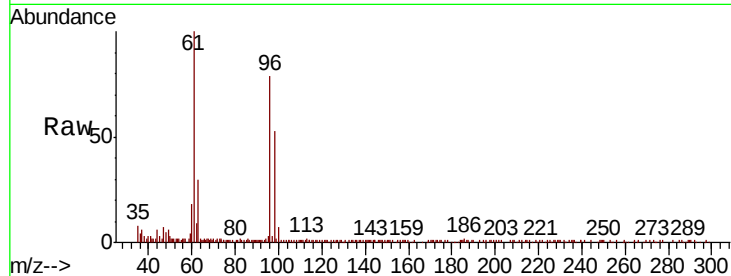


#27

cis-1,2-Dichloroethene
Concen: 4.159 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013902.D
Acq: 10 Dec 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20191204

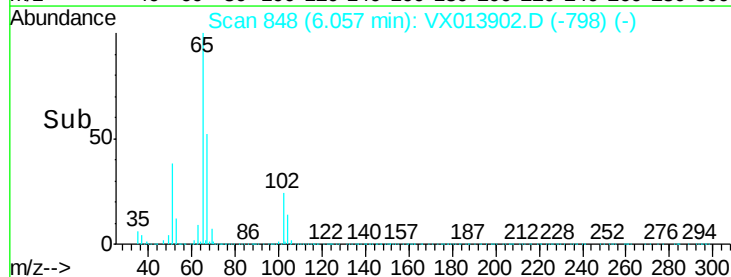
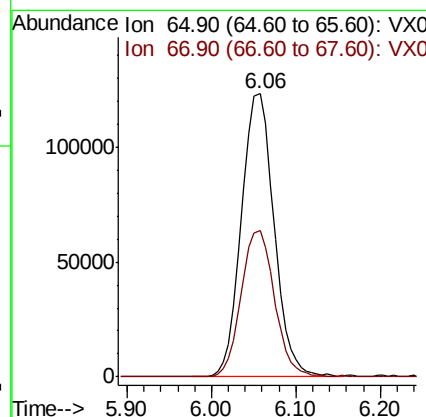
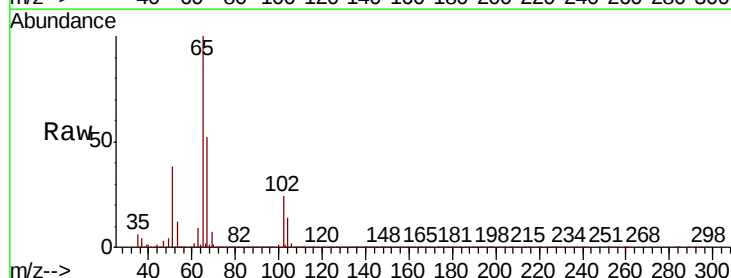
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.0	0.0	286.4
98	68.3	0.0	127.4

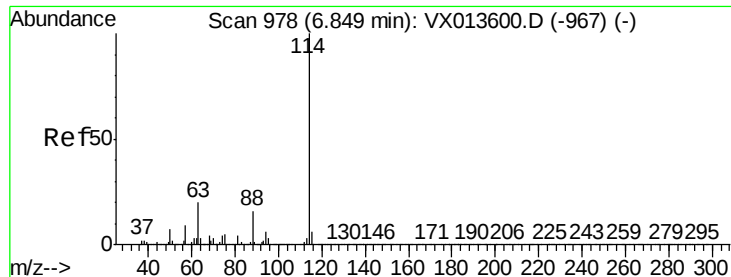


#33

1,2-Dichloroethane-d4
Concen: 48.337 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013902.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VX013902.D

Acq: 10 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20191204

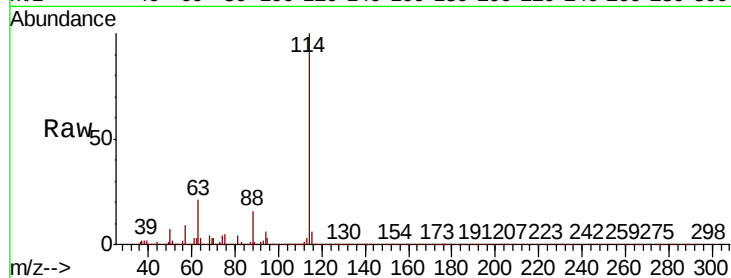
Tot Ion:114 Resp: 887326

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

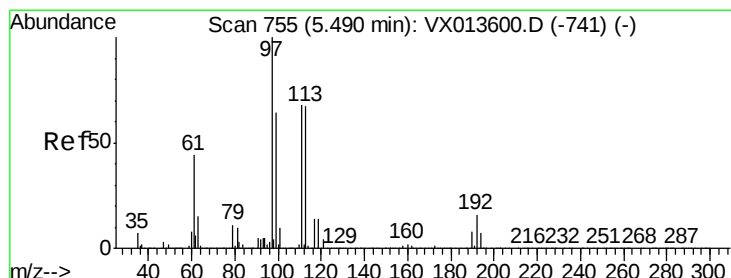
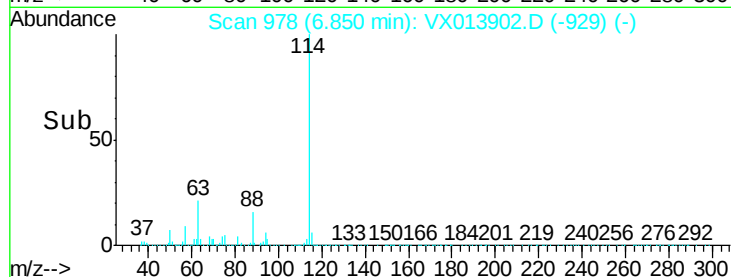
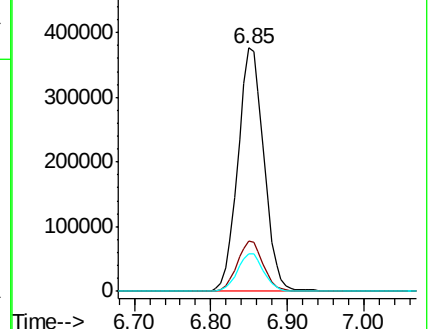
88 15.5 0.0 31.4



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: 48.825 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

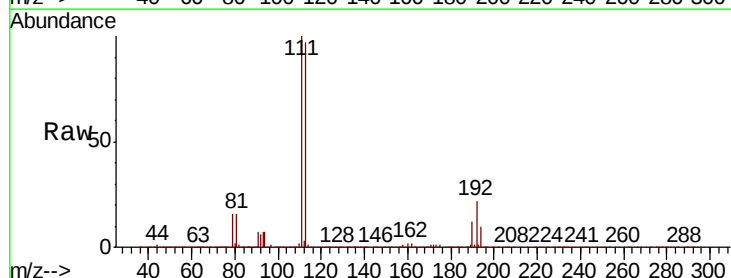
Tgt Ion:113 Resp: 267830

Ion Ratio Lower Upper

113 100

111 102.5 83.6 125.4

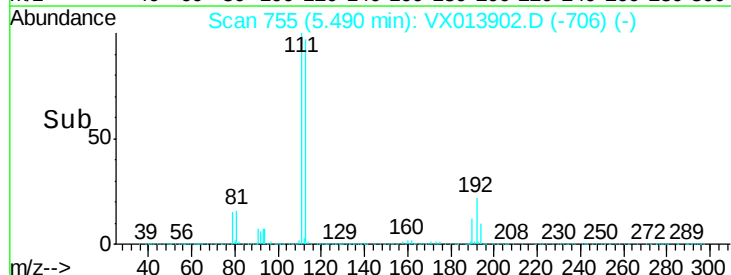
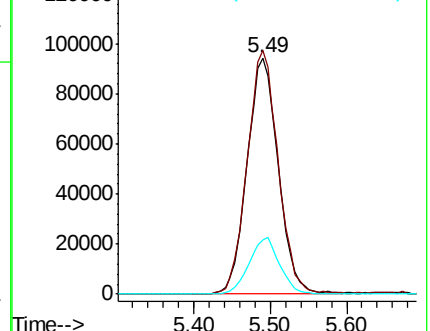
192 23.5 19.2 28.8

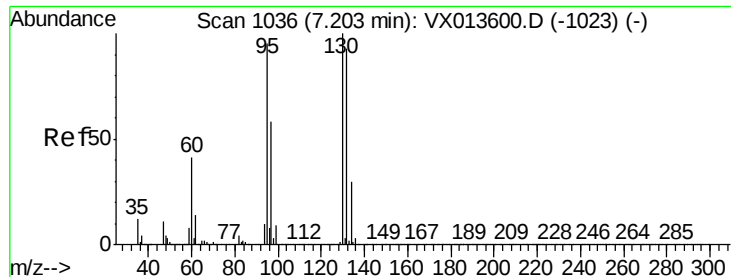


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 198.000 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

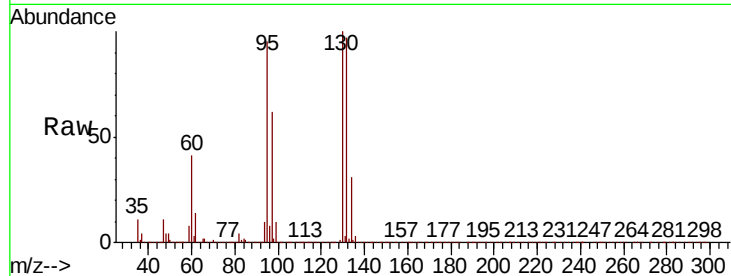
RE134D3-20191204

Tot Ion:130 Resp: 1333078

Ion Ratio Lower Upper

130 100

95 94.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

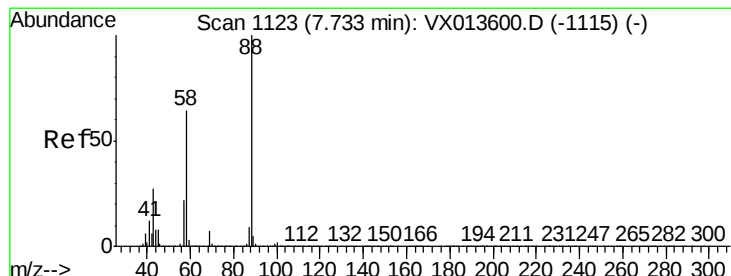
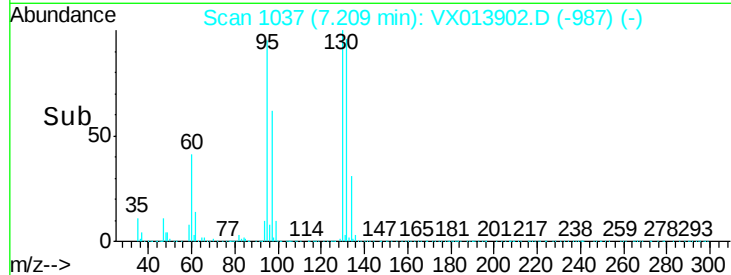
600000

400000

200000

0

Time-->



#49

1,4-Dioxane

Concen: 32.245 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

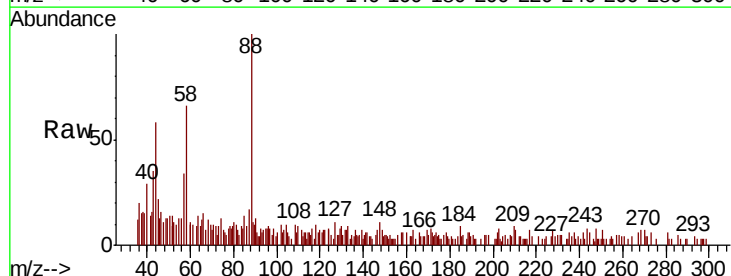
Tgt Ion: 88 Resp: 5217

Ion Ratio Lower Upper

88 100

43 22.4 25.8 38.6#

58 76.8 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.74

2500

2000

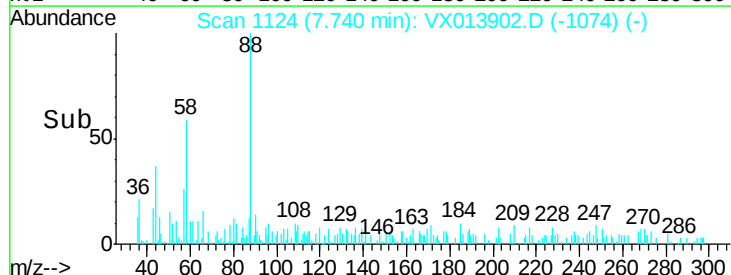
1500

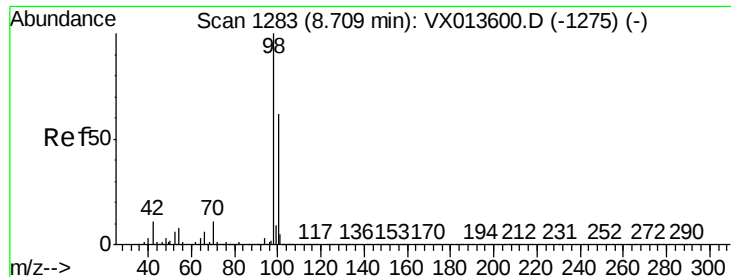
1000

500

0

Time-->





#50

Toluene-d8

Concen: 49.282 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

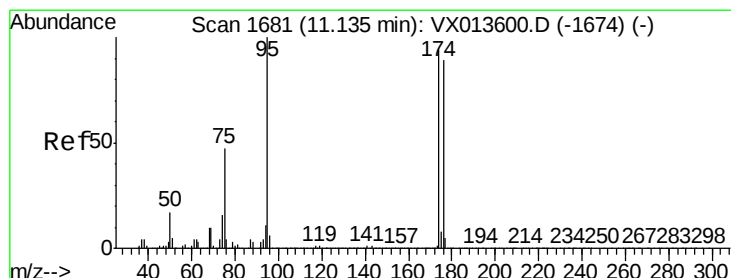
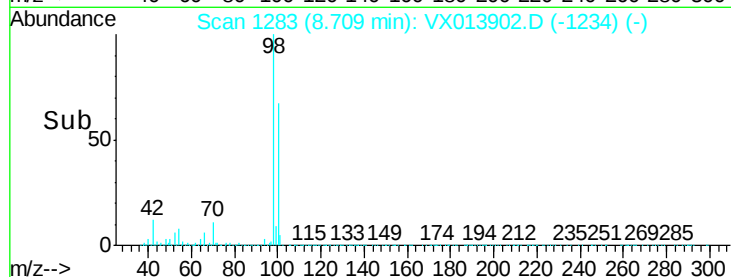
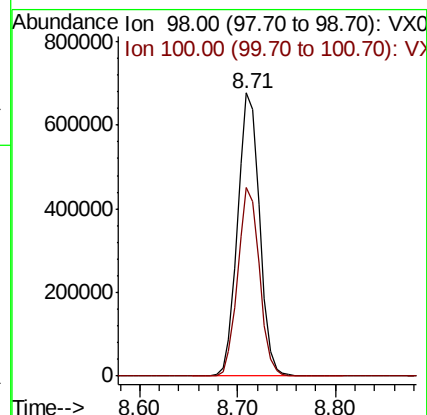
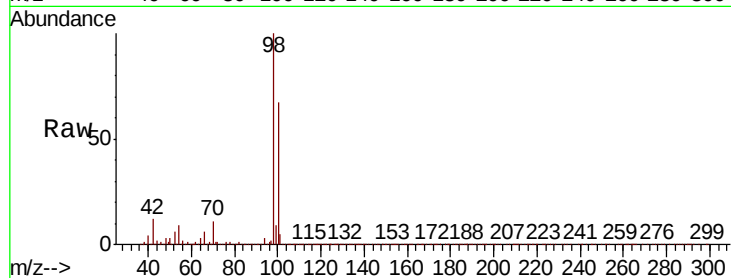
RE134D3-20191204

Tot Ion: 98 Resp: 1053265

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.463 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

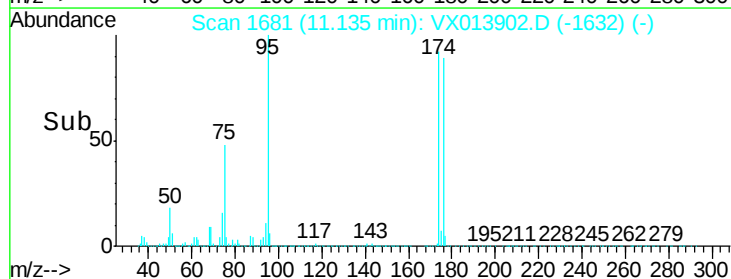
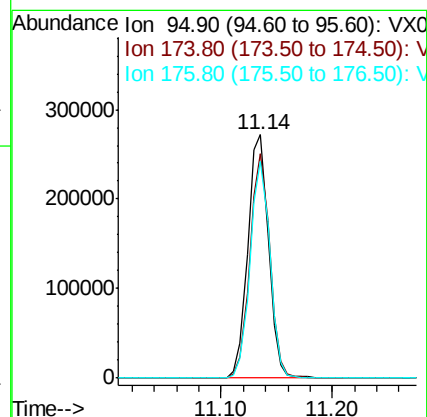
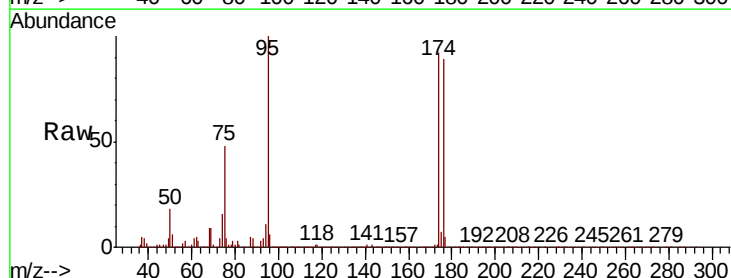
Tgt Ion: 95 Resp: 350377

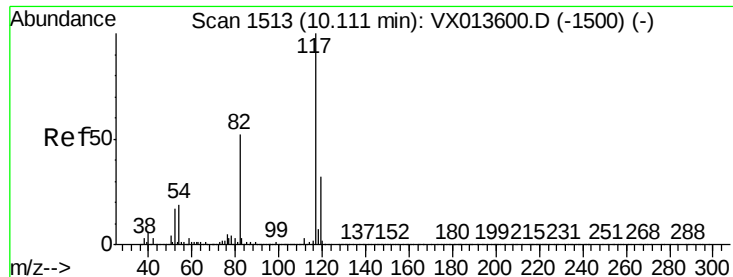
Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.0

176 86.3 0.0 173.6

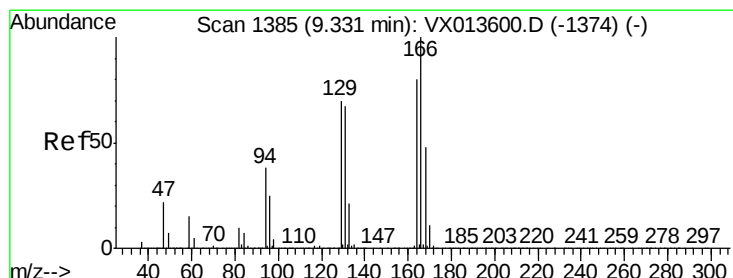
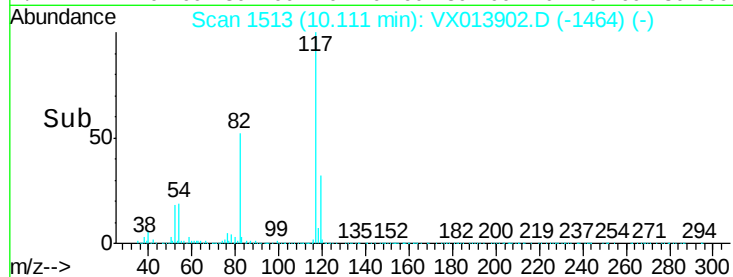
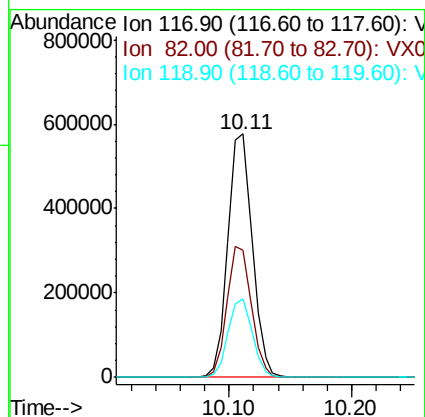
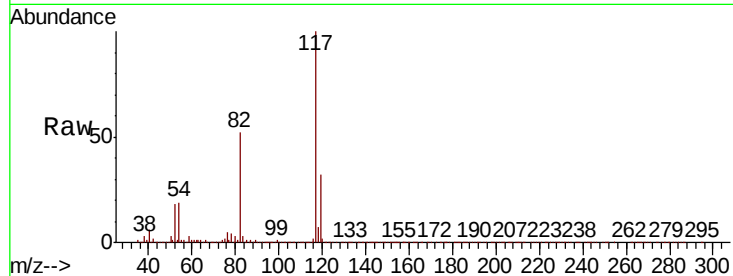




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013902.D
Acq: 10 Dec 2019 16:46

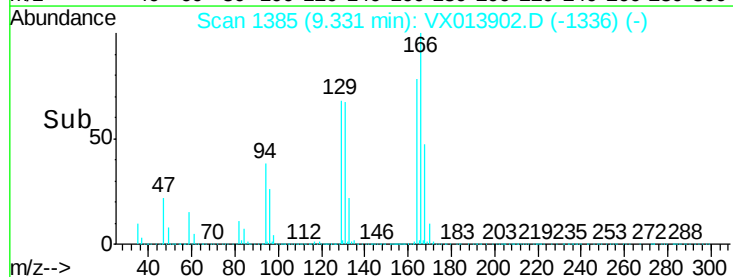
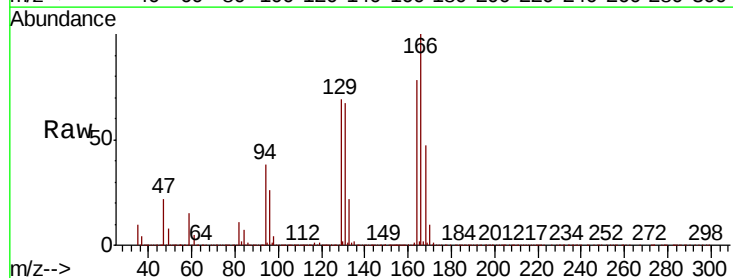
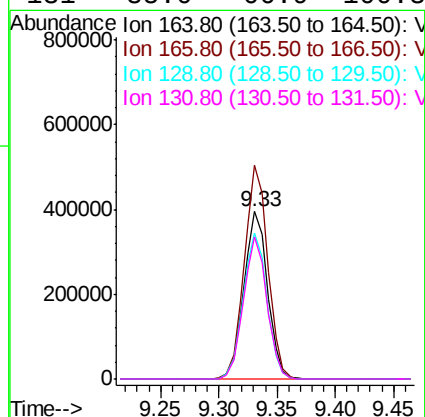
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20191204

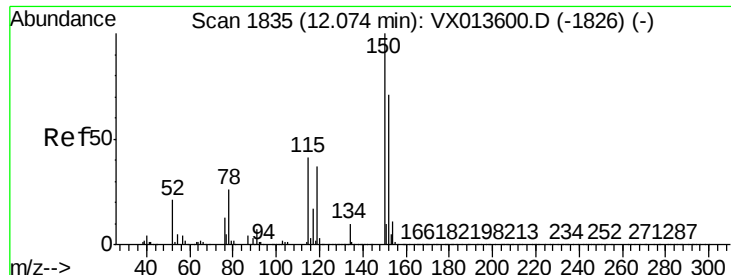
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 94.397 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013902.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	99.7	149.5
129	87.4	70.1	105.1
131	85.0	66.9	100.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013902.D

Acq: 10 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20191204

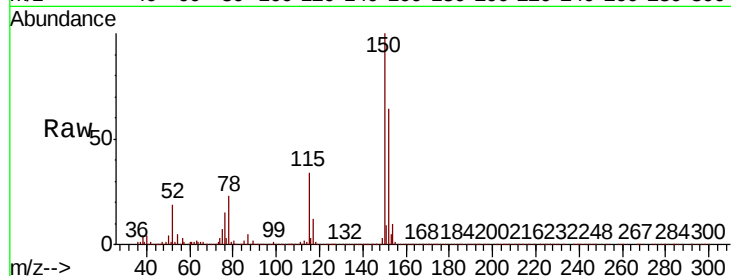
Tot Ion:152 Resp: 342027

Ion Ratio Lower Upper

152 100

115 55.0 38.4 115.1

150 157.4 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

600000 Ion 114.90 (114.60 to 115.60): V

500000 Ion 149.90 (149.60 to 150.60): V

