

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013792.D
 Acq On : 06 Dec 2019 12:23
 Operator : JC/SP
 Sample : K6184-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20191202

Quant Time: Dec 07 03:40:10 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

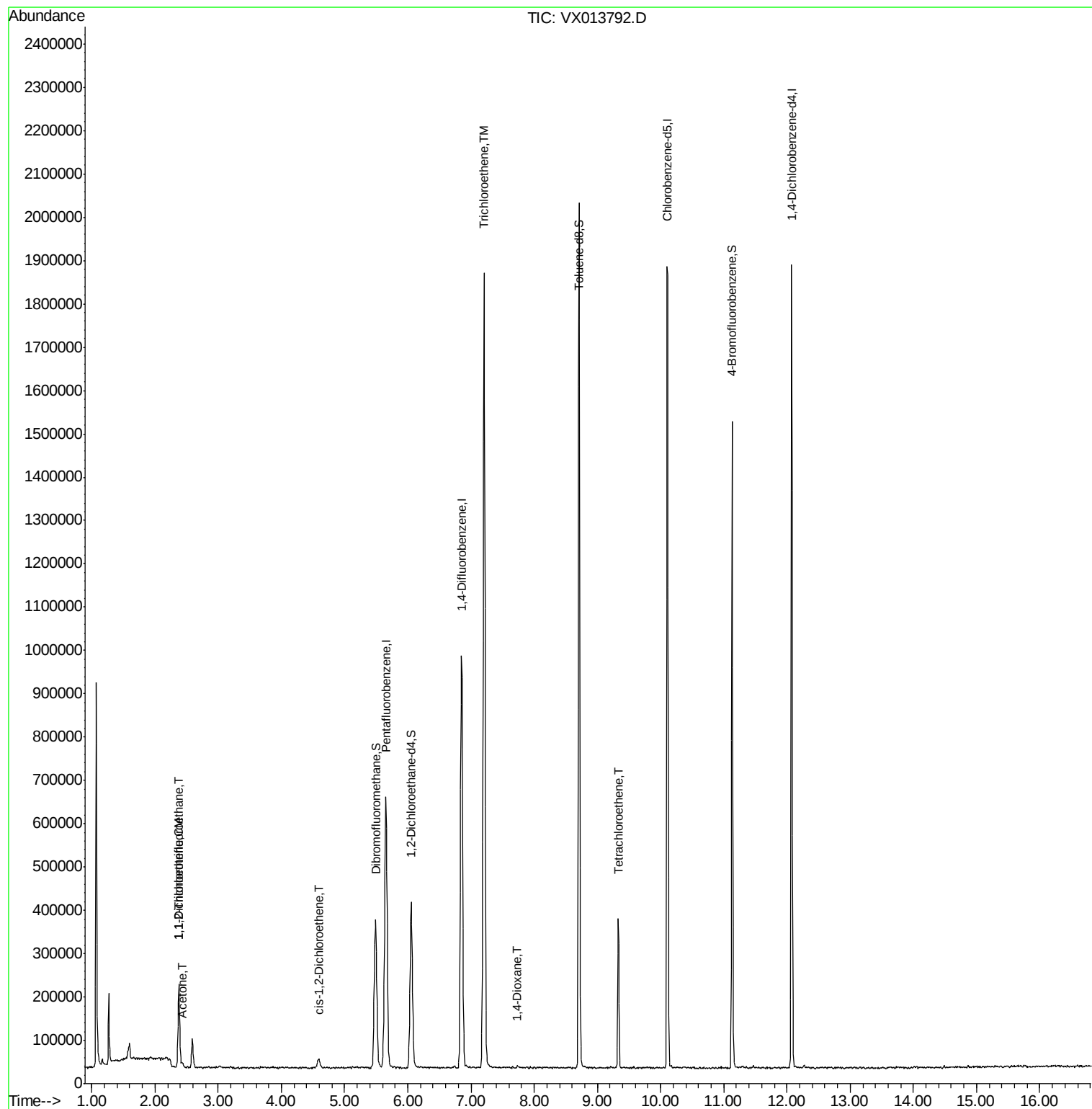
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	650430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	993308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	388593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	356443	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	296789	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	1170935	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	391987	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78439	12.649	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3174	0.513	ug/l #	56
16) Acetone	2.44	43	10703	2.871	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	13103	1.692	ug/l	93
44) Trichloroethene	7.21	130	736890	97.771	ug/l	96
49) 1,4-Dioxane	7.74	88	3863	21.329	ug/l #	78
64) Tetrachloroethene	9.33	164	69993	10.711	ug/l	98

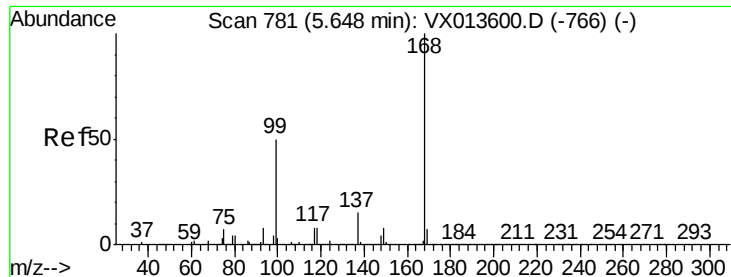
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120619\
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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: VX013792.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

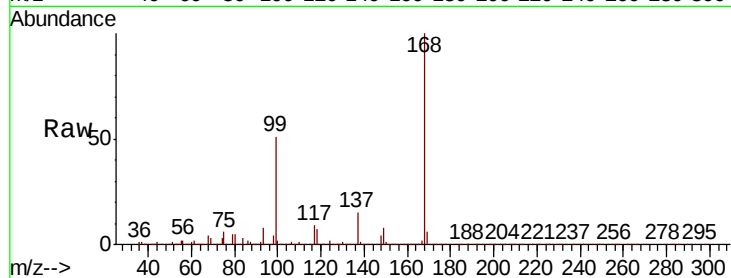
RE134D2-20191202

Tot Ion:168 Resp: 650430

Ion Ratio Lower Upper

168 100

99 50.6 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

250000

200000

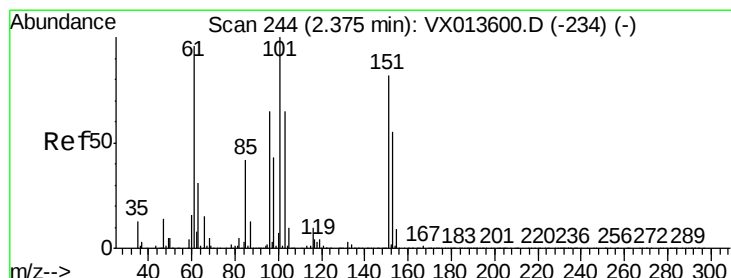
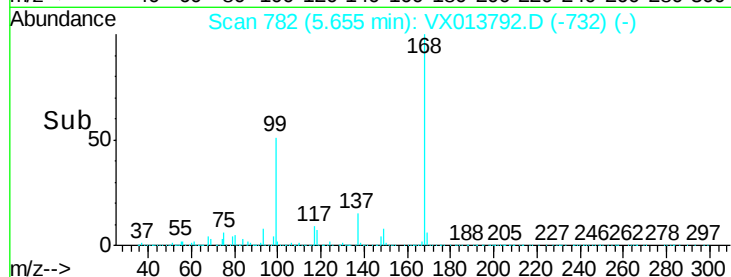
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.649 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013792.D

Acq: 06 Dec 2019 12:23

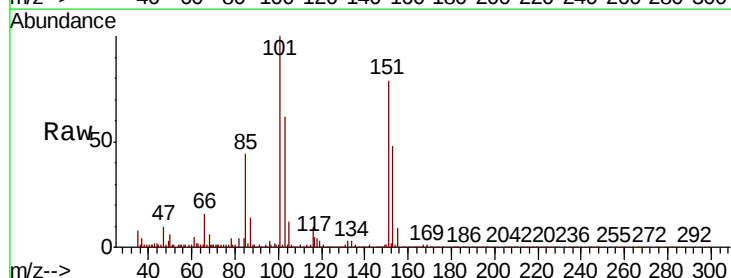
Tgt Ion:101 Resp: 78439

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

50000

40000

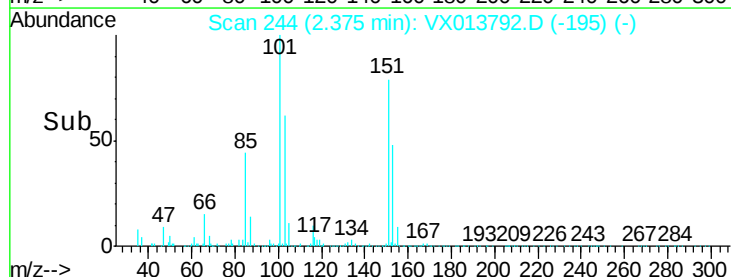
30000

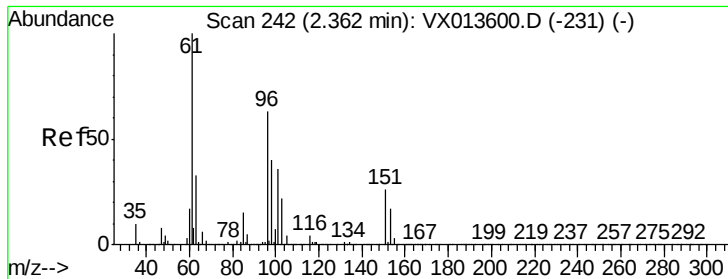
20000

10000

0

Time--> 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 0.513 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013792.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20191202

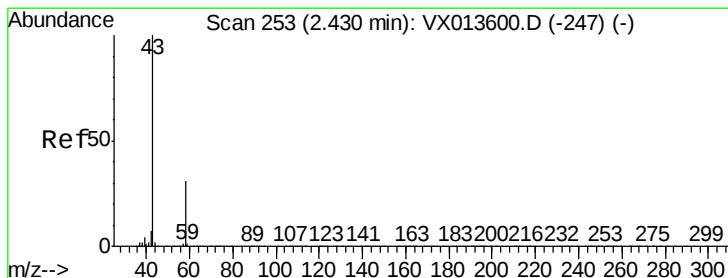
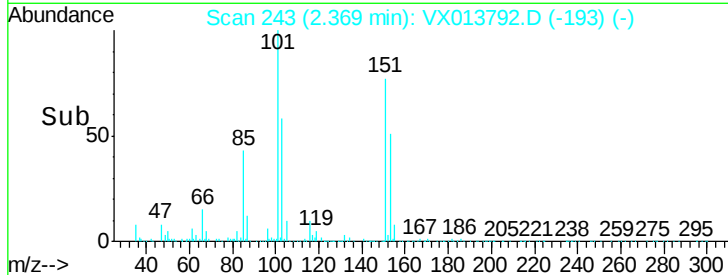
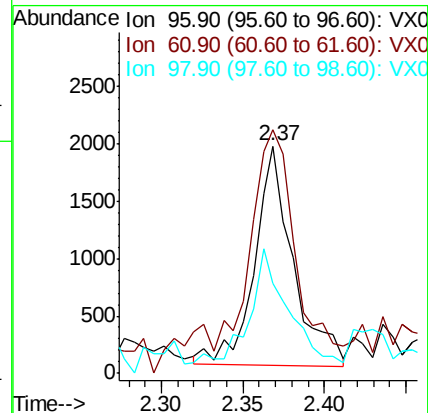
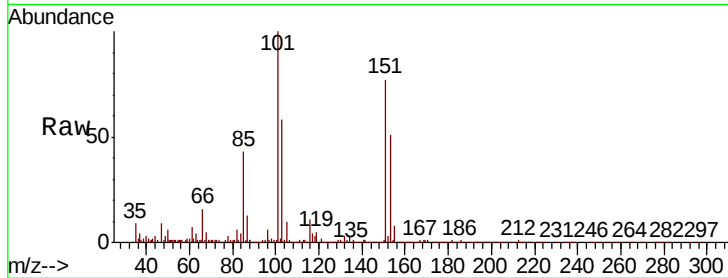
Tot Ion: 96 Resp: 3174

Ion Ratio Lower Upper

96 100

61 95.1 126.6 190.0#

98 37.1 50.6 76.0#



#16

Acetone

Concen: 2.871 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013792.D

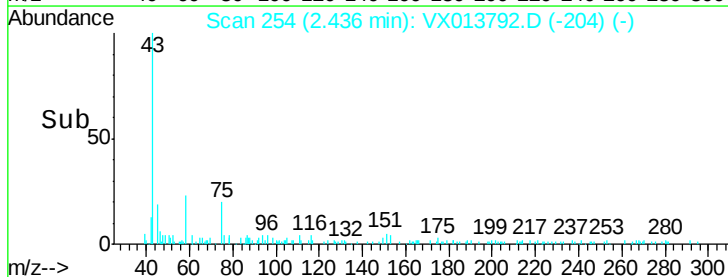
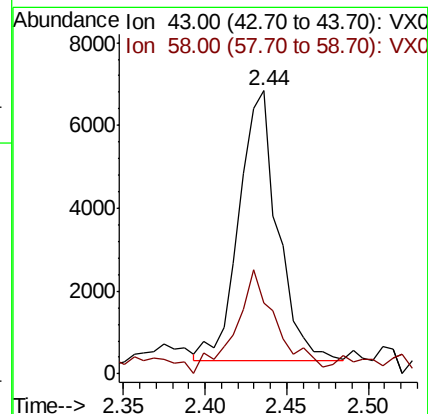
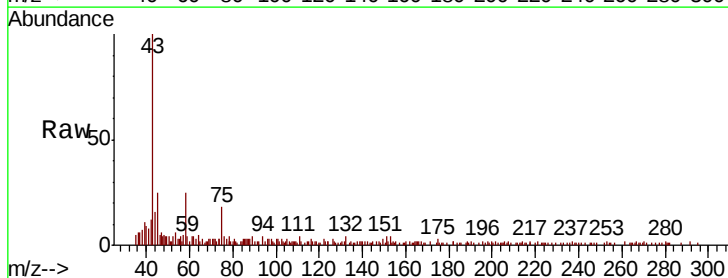
Acq: 06 Dec 2019 12:23

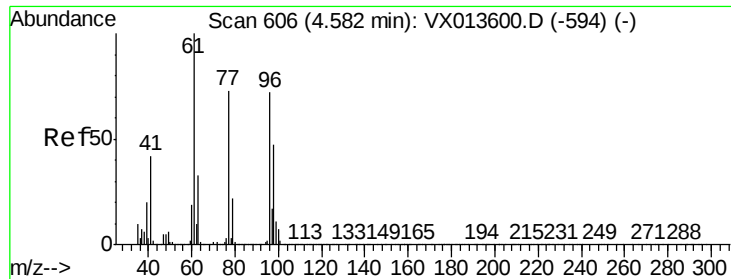
Tgt Ion: 43 Resp: 10703

Ion Ratio Lower Upper

43 100

58 26.5 24.6 36.8



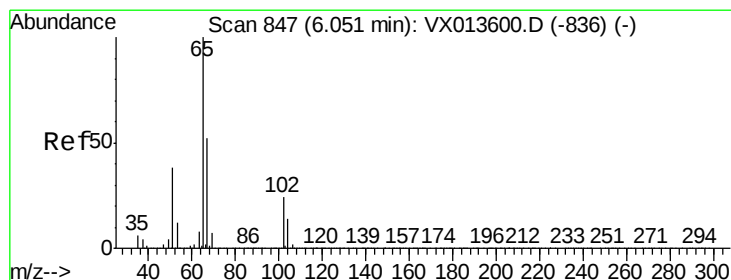
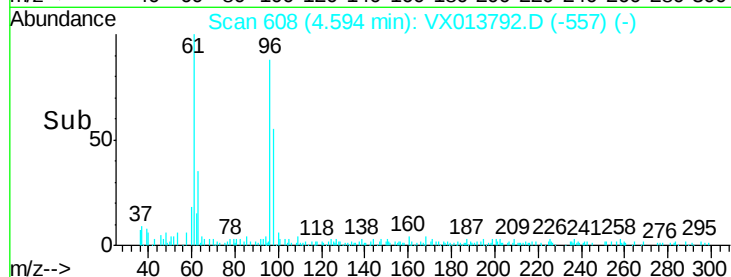
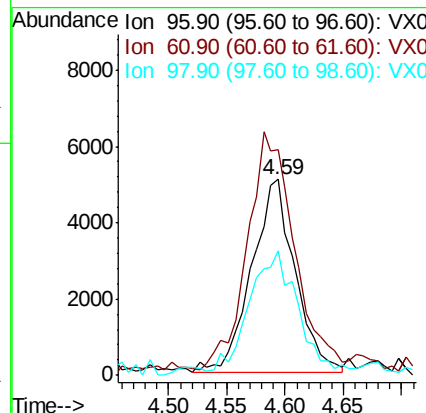
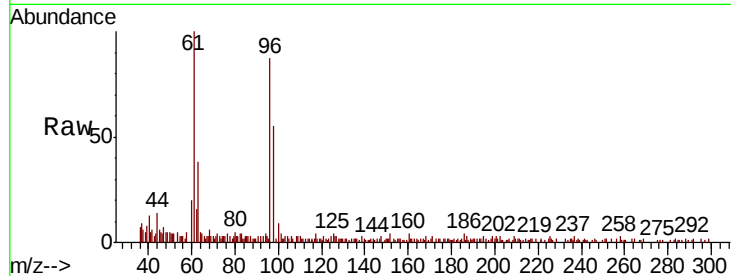


#27

cis-1,2-Dichloroethene
Concen: 1.692 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013792.D
Acq: 06 Dec 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20191202

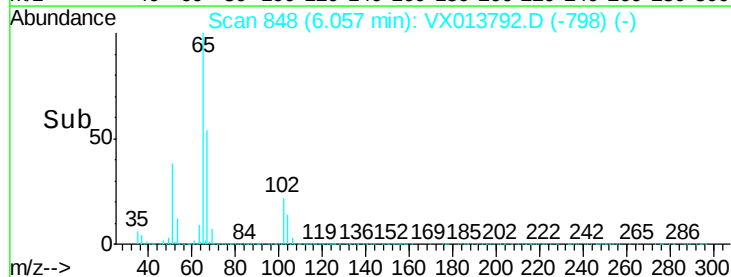
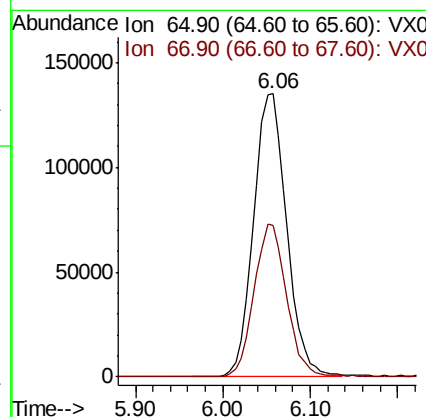
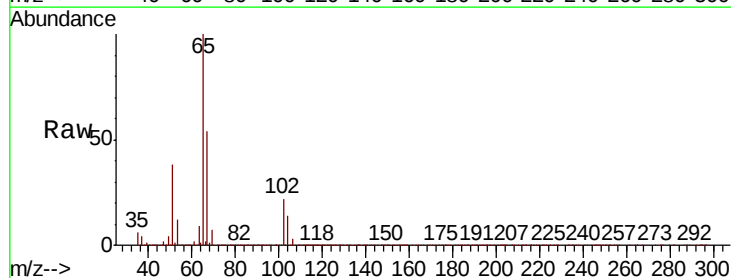
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	286.4
98	67.7	0.0	127.4

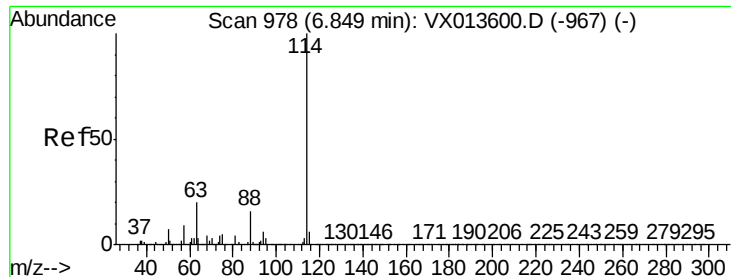


#33

1,2-Dichloroethane-d4
Concen: 47.211 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013792.D
Acq: 06 Dec 2019 12:23

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VX013792.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20191202

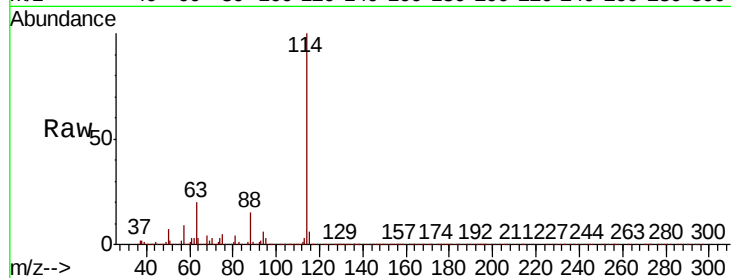
Tot Ion:114 Resp: 993308

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

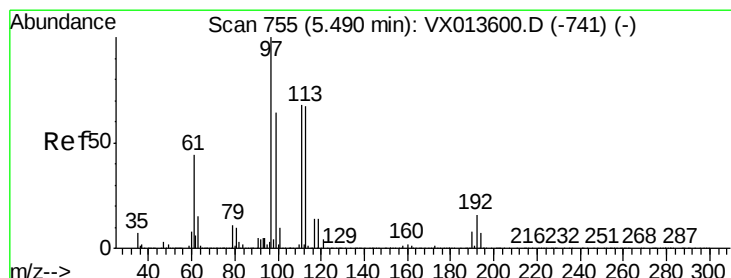
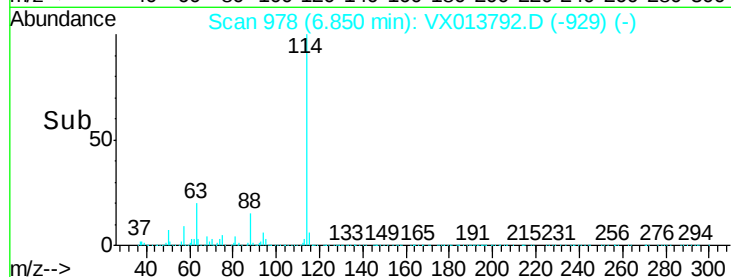
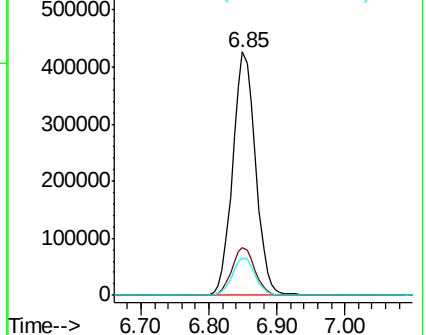
88 15.4 0.0 31.4



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: 48.331 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013792.D

Acq: 06 Dec 2019 12:23

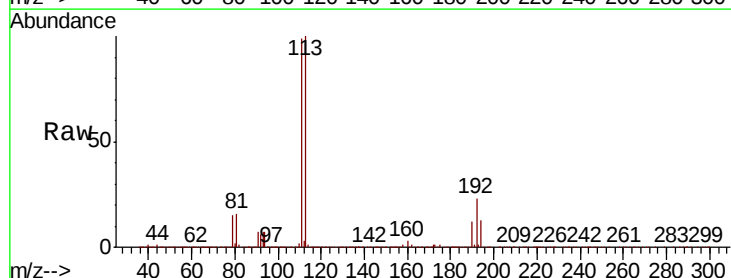
Tgt Ion:113 Resp: 296789

Ion Ratio Lower Upper

113 100

111 102.3 83.6 125.4

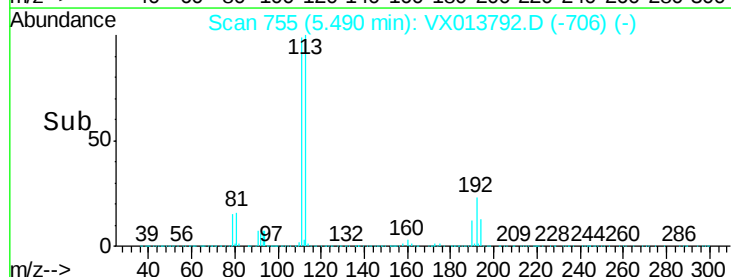
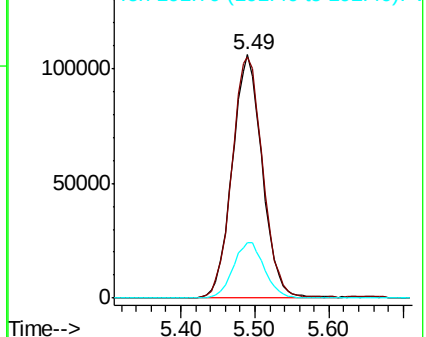
192 23.9 19.2 28.8

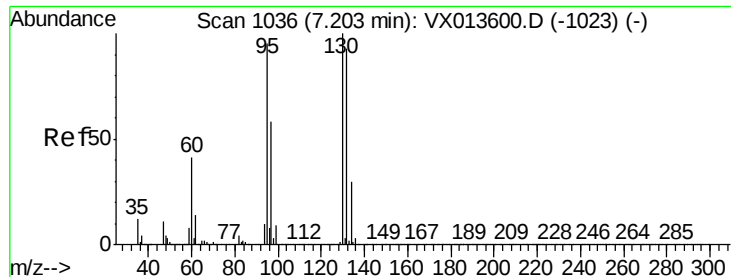


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 97.771 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013792.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

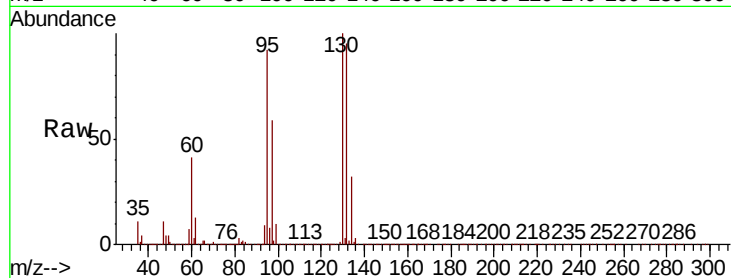
RE134D2-20191202

Tot Ion:130 Resp: 736890

Ion Ratio Lower Upper

130 100

95 91.9 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

400000

300000

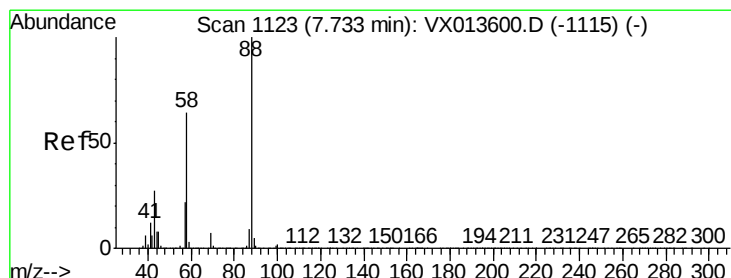
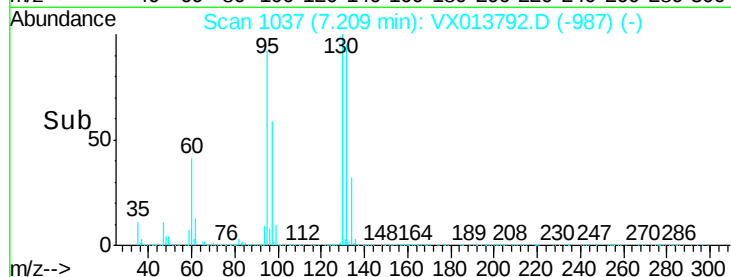
200000

100000

0

Time-->

7.10 7.20 7.30



#49

1,4-Dioxane

Concen: 21.329 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013792.D

Acq: 06 Dec 2019 12:23

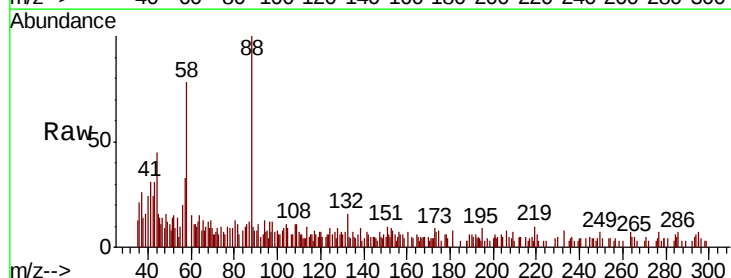
Tgt Ion: 88 Resp: 3863

Ion Ratio Lower Upper

88 100

43 38.7 25.8 38.6#

58 89.9 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

2500

2000

1500

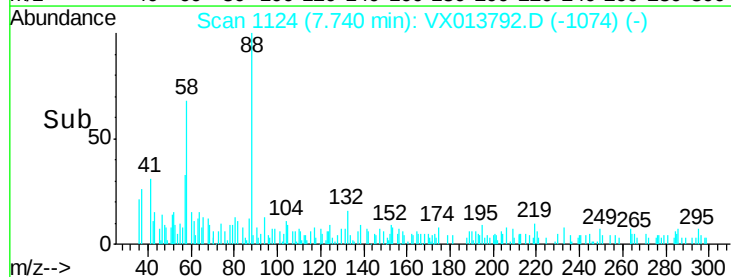
1000

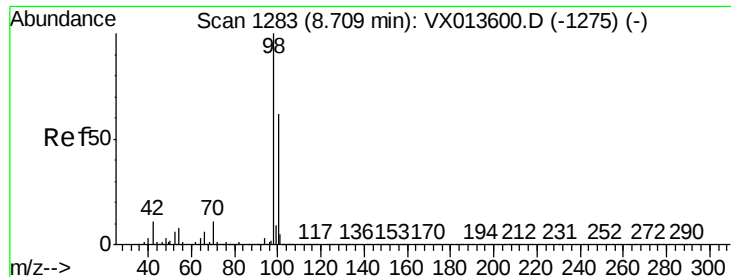
500

0

Time-->

7.70 7.75 7.80





#50

Toluene-d8

Concen: 48.942 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013792.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

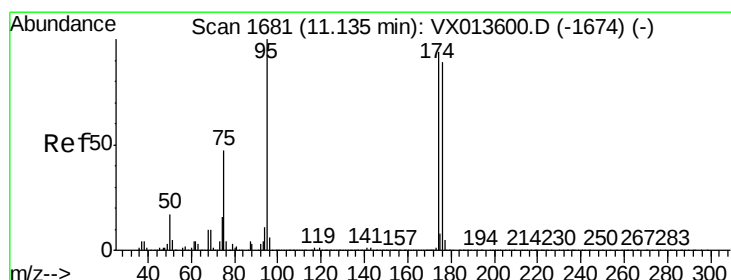
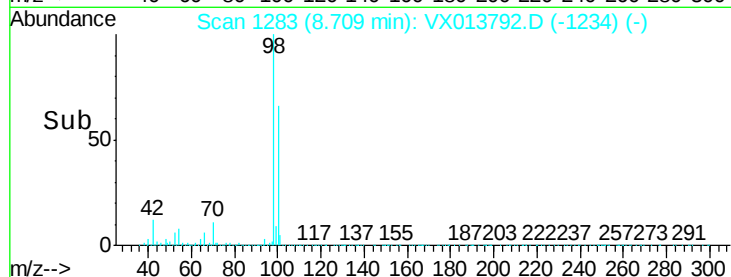
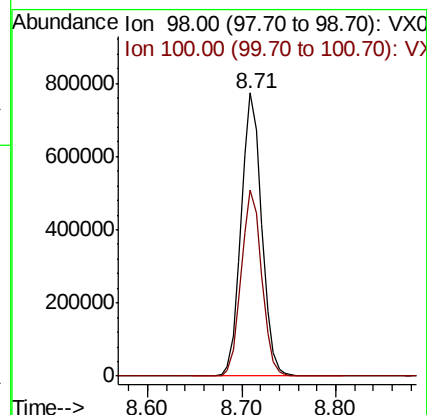
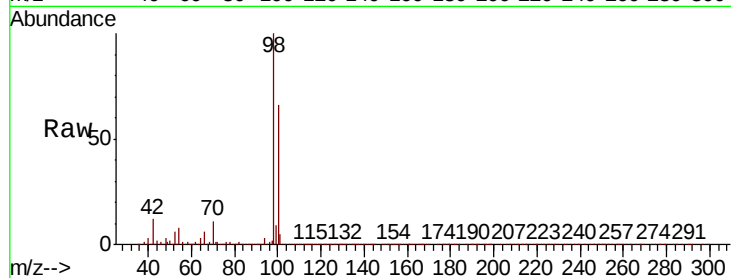
RE134D2-20191202

Tot Ion: 98 Resp: 1170935

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.435 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013792.D

Acq: 06 Dec 2019 12:23

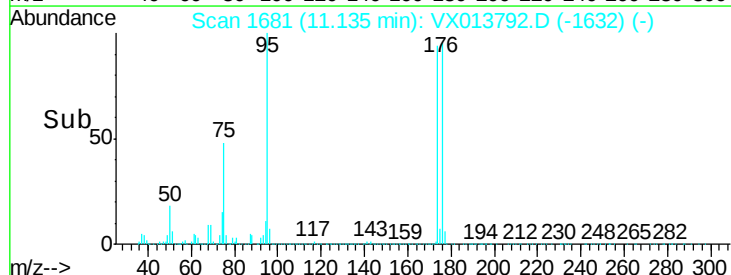
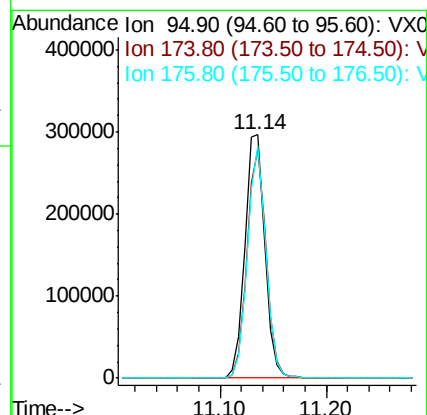
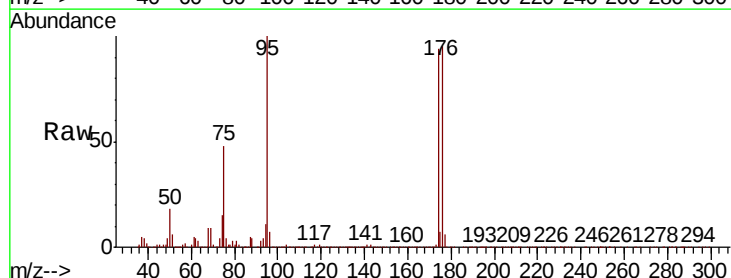
Tgt Ion: 95 Resp: 391987

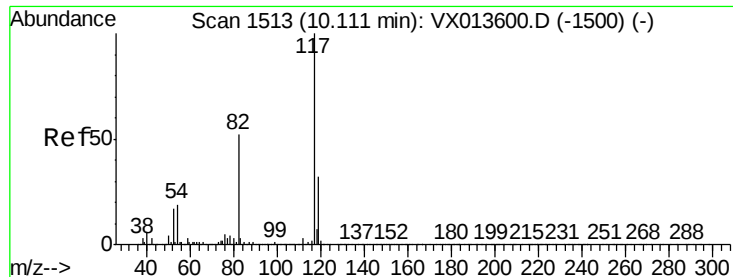
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 88.5 0.0 173.6

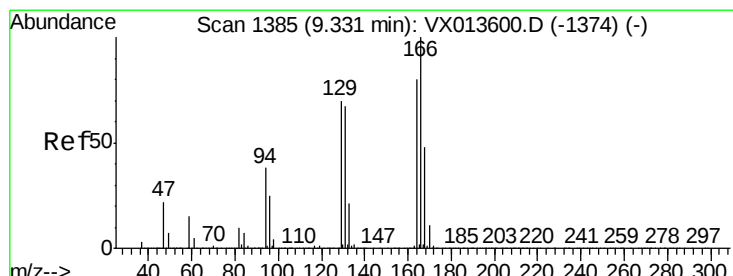
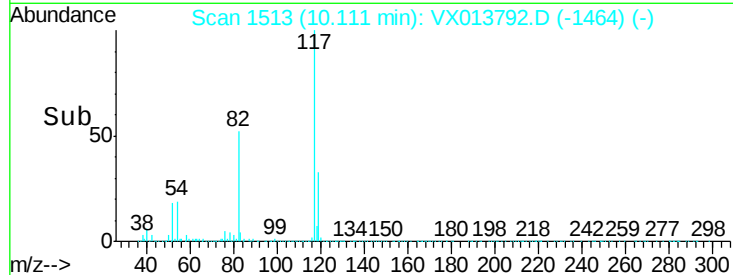
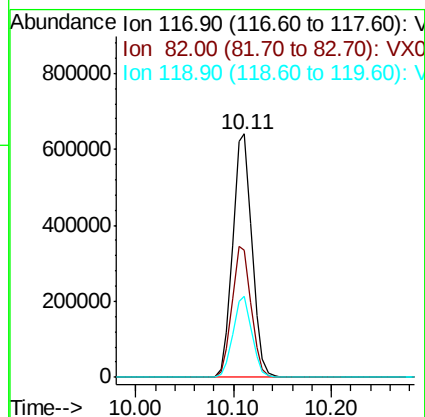
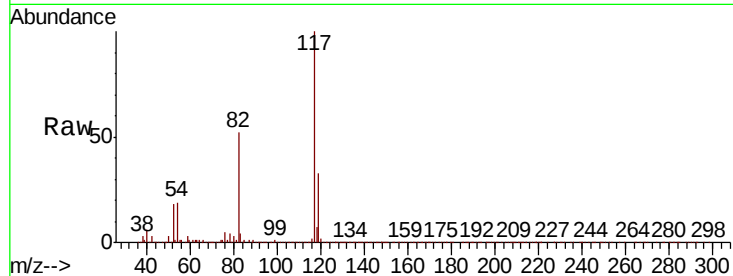




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013792.D
Acq: 06 Dec 2019 12:23

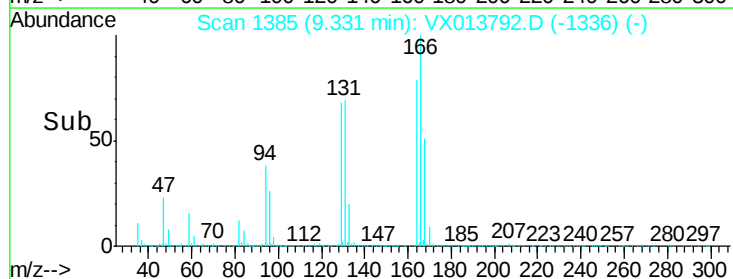
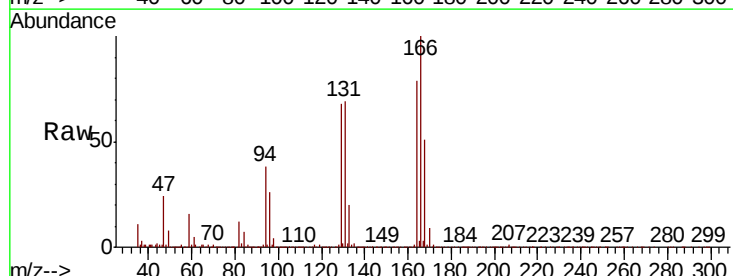
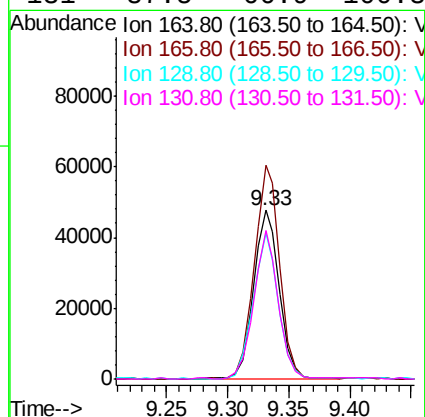
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20191202

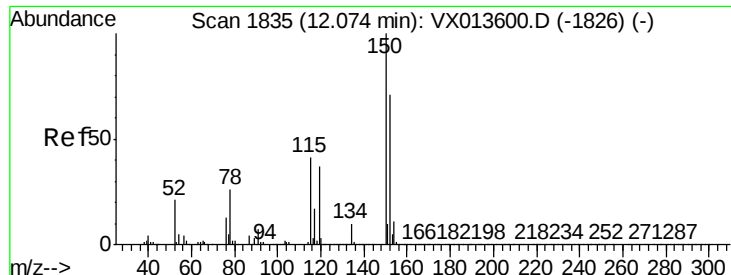
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	33.0	25.8	38.8



#64
Tetrachloroethene
Concen: 10.711 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013792.D
Acq: 06 Dec 2019 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	99.7	149.5
129	86.3	70.1	105.1
131	87.5	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: VX013792.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20191202

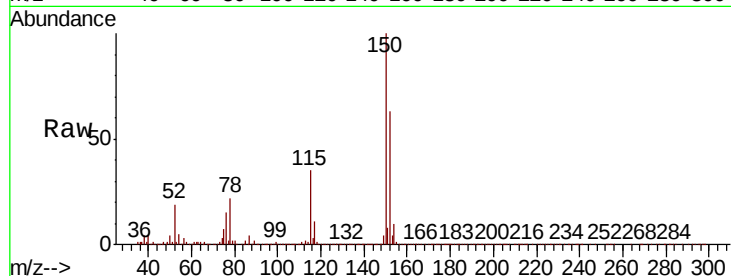
Tot Ion:152 Resp: 388593

Ion Ratio Lower Upper

152 100

115 55.6 38.4 115.1

150 157.7 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

