

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013823.D
 Acq On : 07 Dec 2019 01:11
 Operator : JC/SP
 Sample : K6185-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191205

Quant Time: Dec 09 09:56:22 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

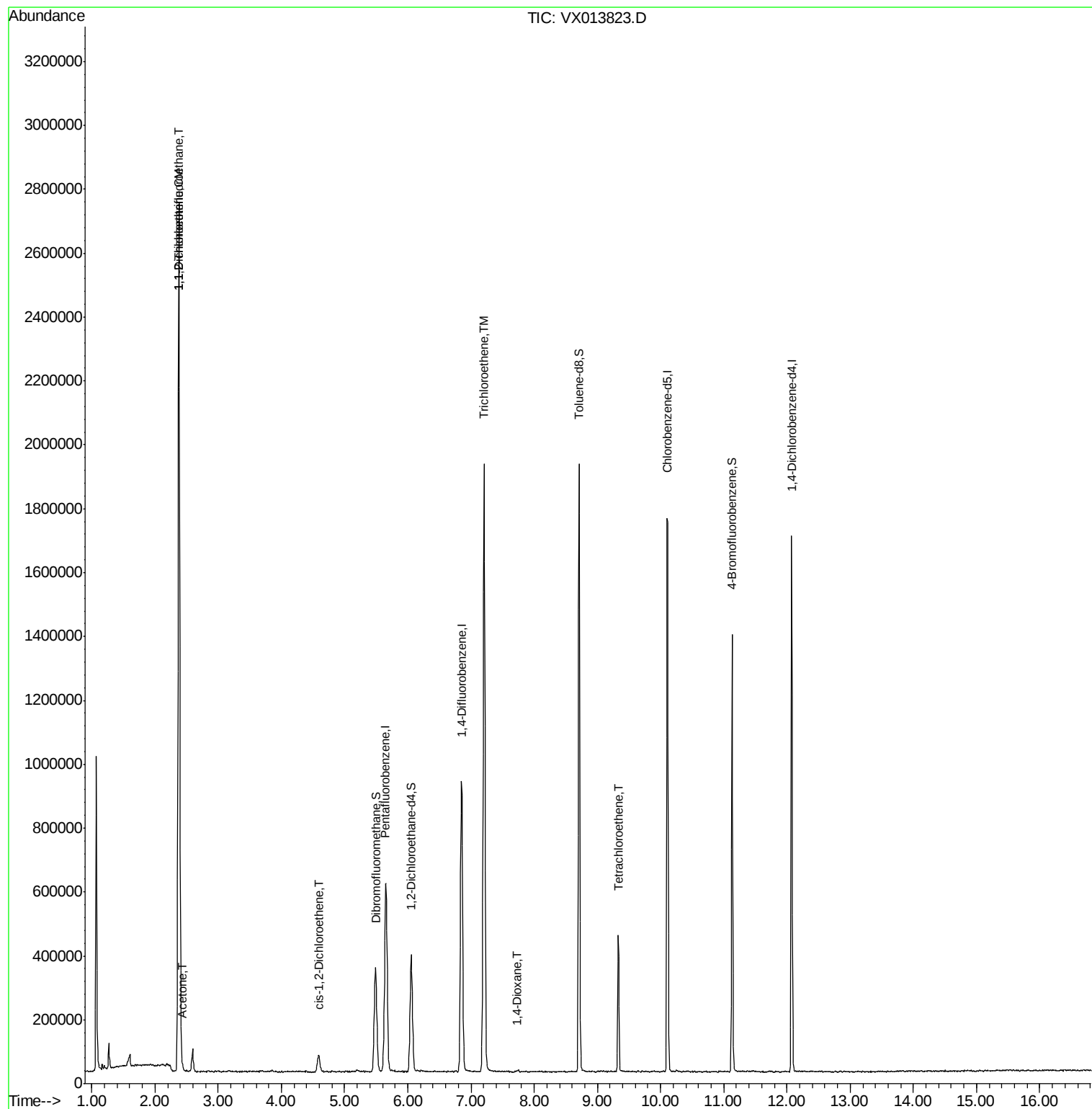
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	623190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	955534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	840046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	346089	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	5.49	113	283768	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	8.71	98	1127446	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.14	95	361038	43.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.00%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1116429	187.901	ug/l	99
12) 1,1-Dichloroethene	2.37	96	11604	1.957	ug/l	97
16) Acetone	2.44	43	9376	2.625	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	34253	4.617	ug/l	90
44) Trichloroethene	7.21	130	756632	104.359	ug/l	95
49) 1,4-Dioxane	7.73	88	4513	25.903	ug/l #	85
64) Tetrachloroethene	9.33	164	89187	14.237	ug/l	96

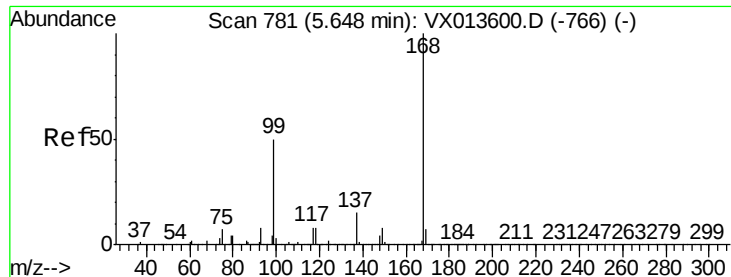
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013823.D
Acq On : 07 Dec 2019 01:11
Operator : JC/SP
Sample : K6185-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191205

Quant Time: Dec 09 09:56:22 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# 781

Delta R.T. -0.00 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

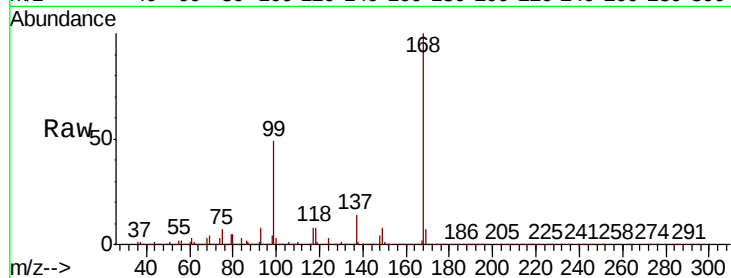
RE131D2-20191205

Tot Ion:168 Resp: 623190

Ion Ratio Lower Upper

168 100

99 49.1 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

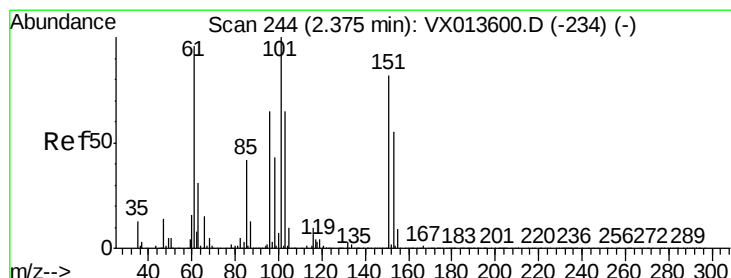
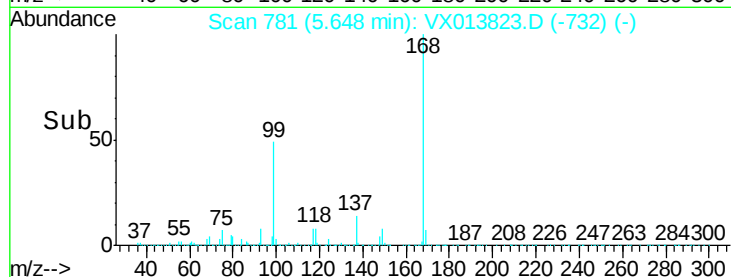
150000

100000

50000

0

Time--> 5.50 5.60 5.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 187.901 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

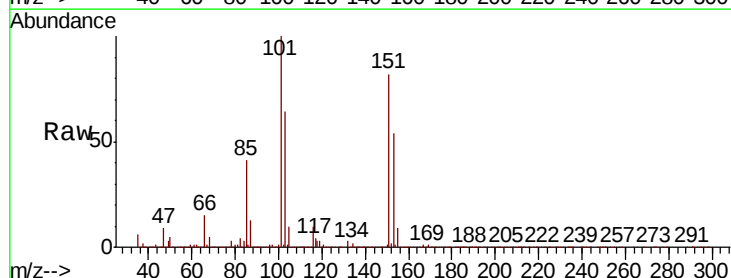
Tgt Ion:101 Resp: 1116429

Ion Ratio Lower Upper

101 100

85 41.7 33.9 50.9

151 81.0 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

2.38

800000

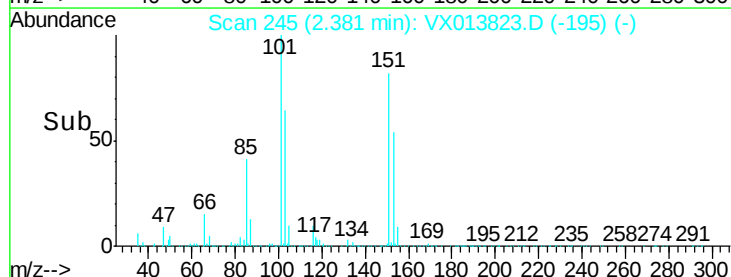
600000

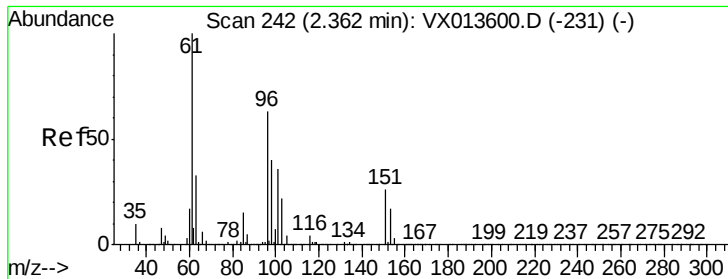
400000

200000

0

Time--> 2.20 2.30 2.40 2.50





#12

1,1-Dichloroethene

Concen: 1.957 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191205

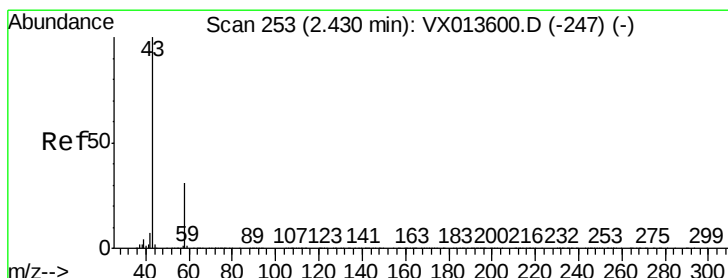
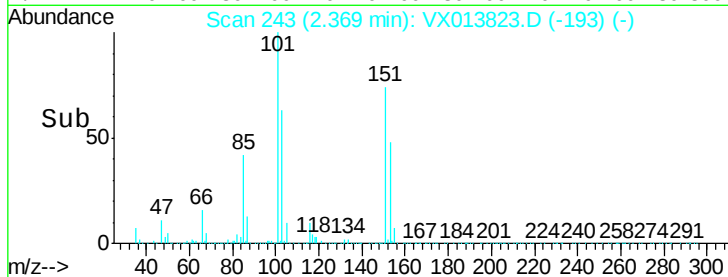
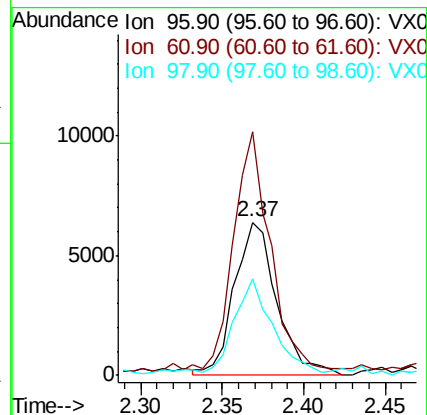
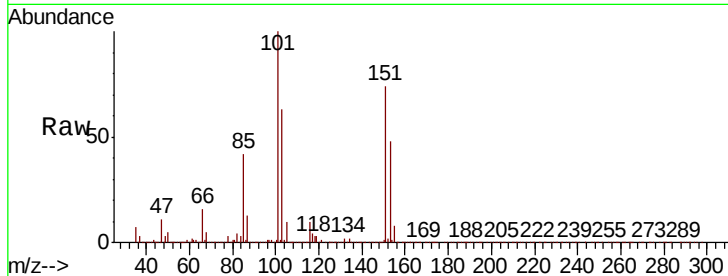
Tot Ion: 96 Resp: 11604

Ion Ratio Lower Upper

96 100

61 154.3 126.6 190.0

98 60.0 50.6 76.0



#16

Acetone

Concen: 2.625 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013823.D

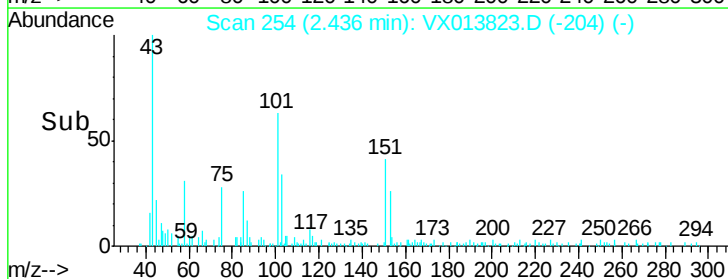
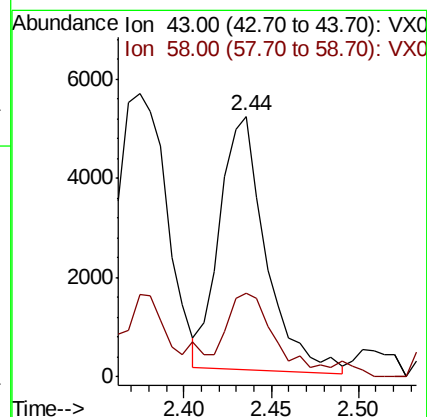
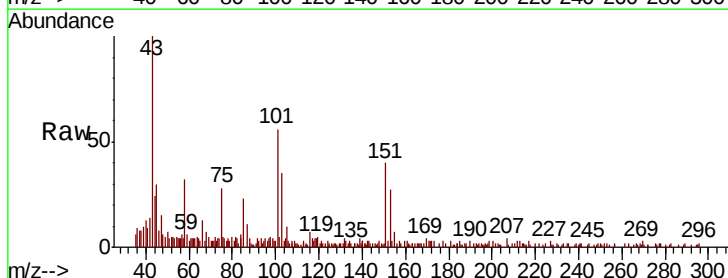
Acq: 07 Dec 2019 01:11

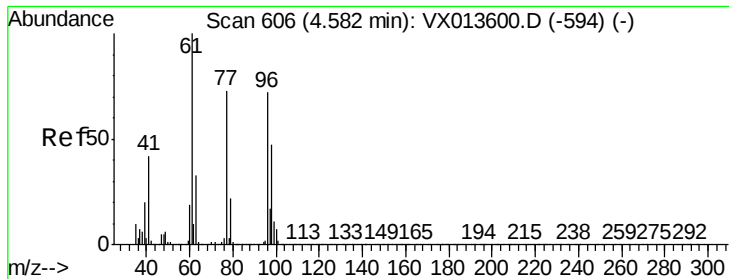
Tgt Ion: 43 Resp: 9376

Ion Ratio Lower Upper

43 100

58 27.5 24.6 36.8



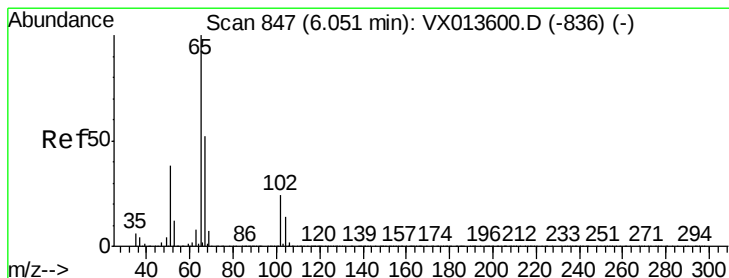
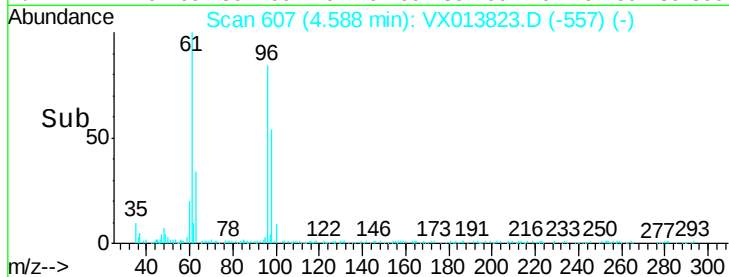
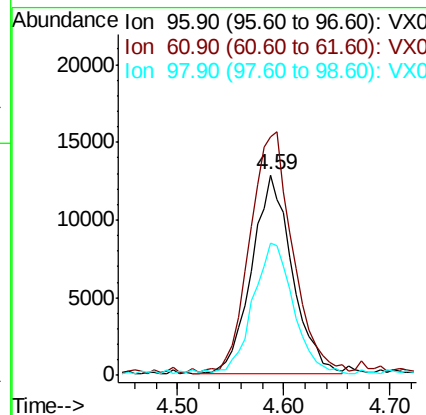
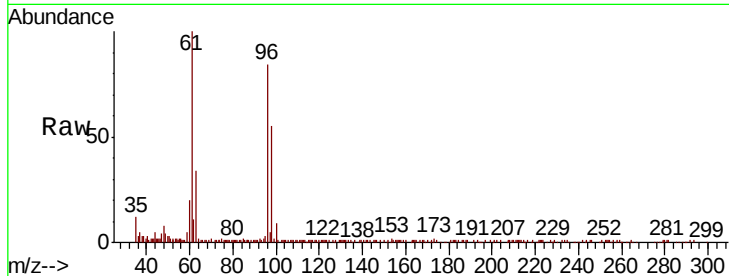


#27

cis-1,2-Dichloroethene
Concen: 4.617 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013823.D
Acq: 07 Dec 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191205

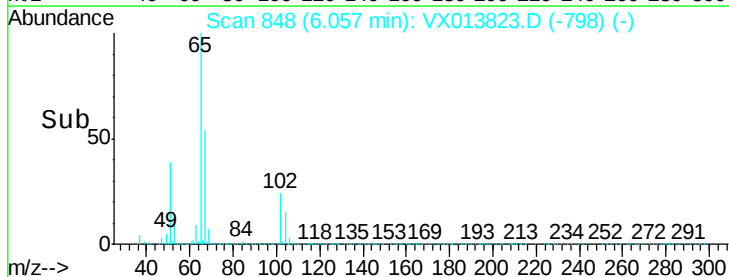
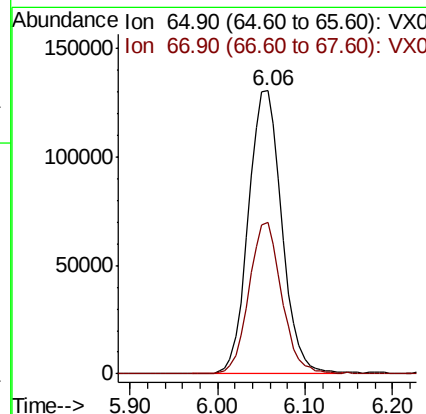
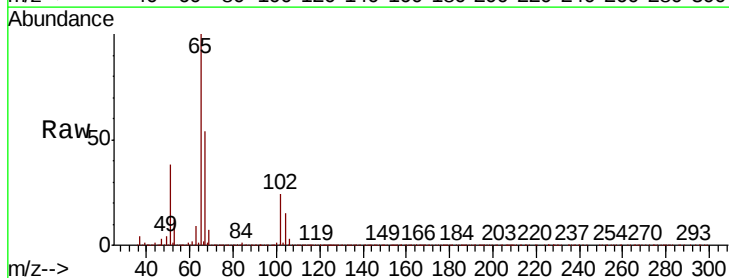
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	286.4
98	65.5	0.0	127.4

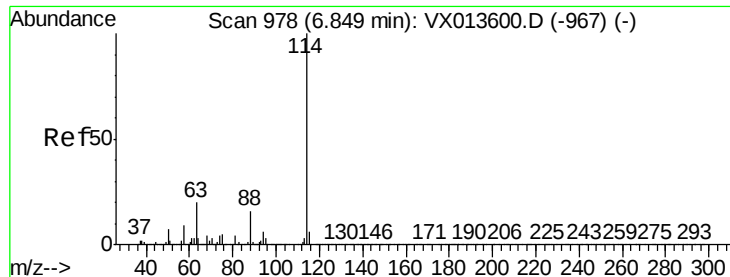


#33

1,2-Dichloroethane-d4
Concen: 47.843 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013823.D
Acq: 07 Dec 2019 01:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VX013823.D

Acq: 07 Dec 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191205

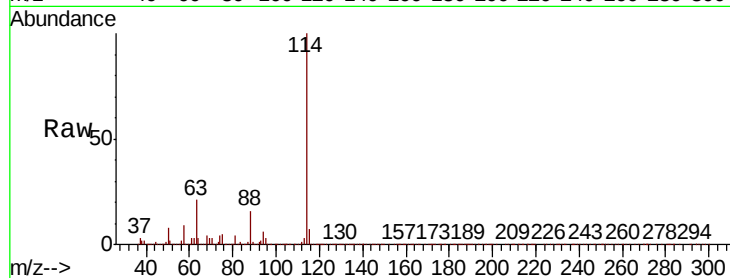
Tot Ion:114 Resp: 955534

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.6

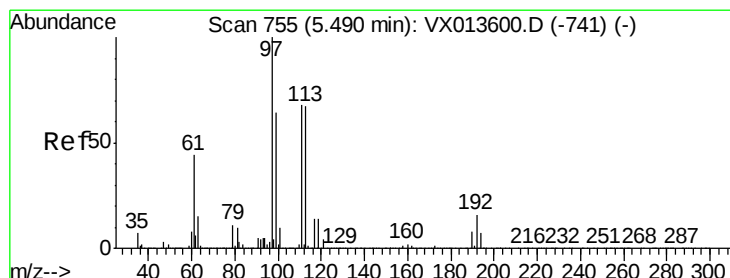
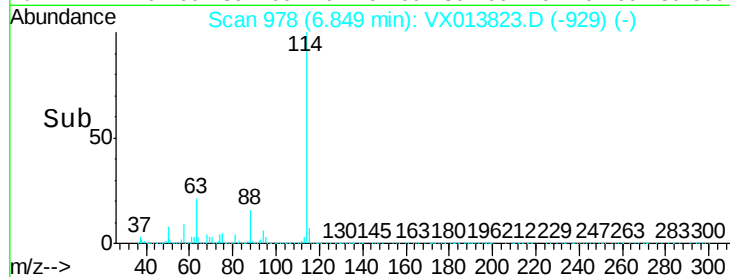
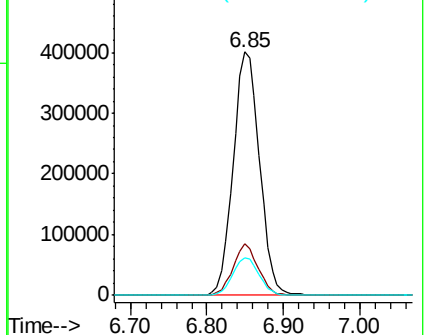
88 15.6 0.0 31.4



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: 48.037 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

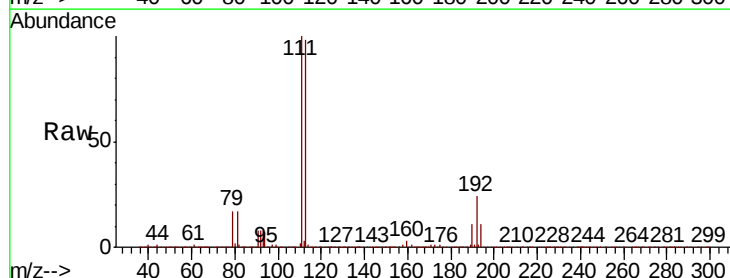
Tgt Ion:113 Resp: 283768

Ion Ratio Lower Upper

113 100

111 101.8 83.6 125.4

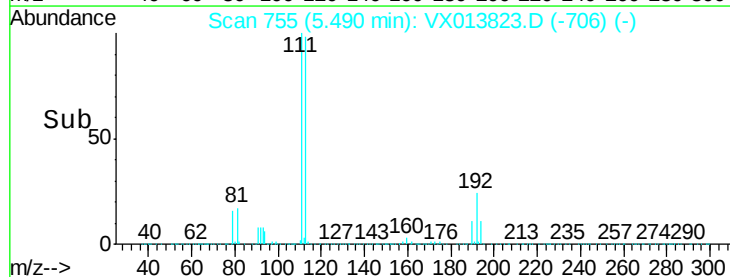
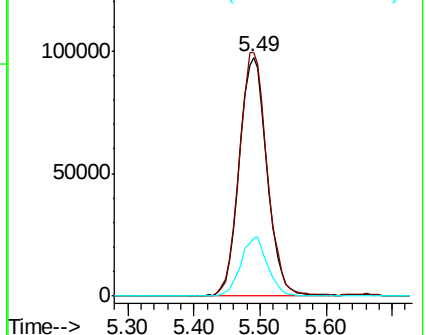
192 24.0 19.2 28.8

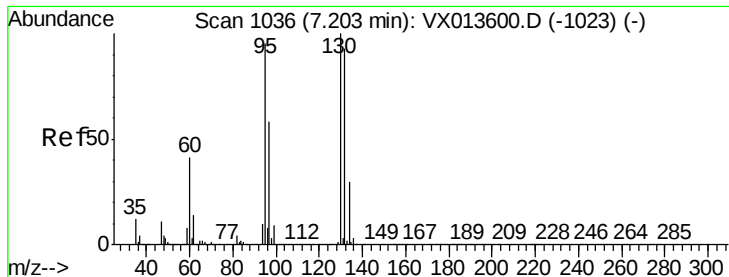


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 104.359 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

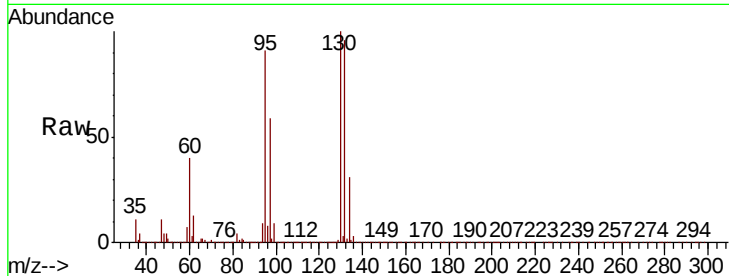
RE131D2-20191205

Tot Ion:130 Resp: 756632

Ion Ratio Lower Upper

130 100

95 90.9 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

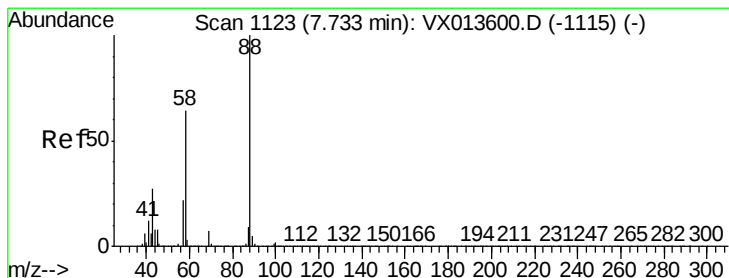
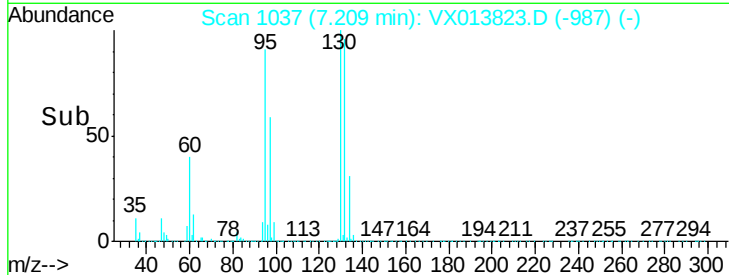
300000

200000

100000

0

Time-->



#49

1,4-Dioxane

Concen: 25.903 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

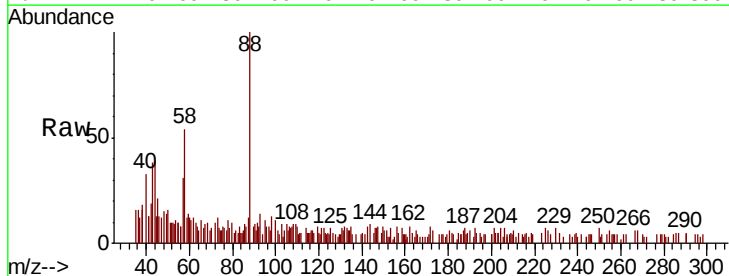
Tgt Ion: 88 Resp: 4513

Ion Ratio Lower Upper

88 100

43 47.7 25.8 38.6#

58 75.6 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

3000

2500

2000

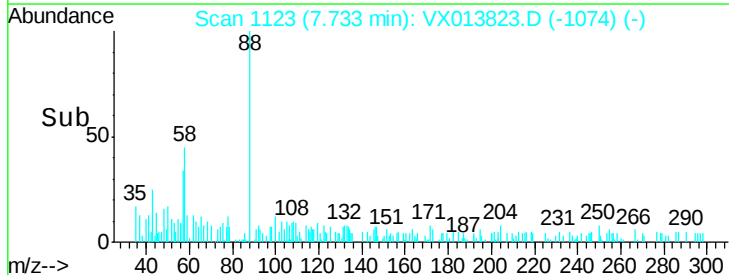
1500

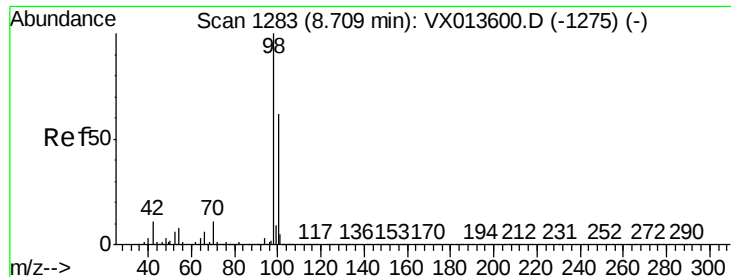
1000

500

0

Time-->





#50

Toluene-d8

Concen: 48.987 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

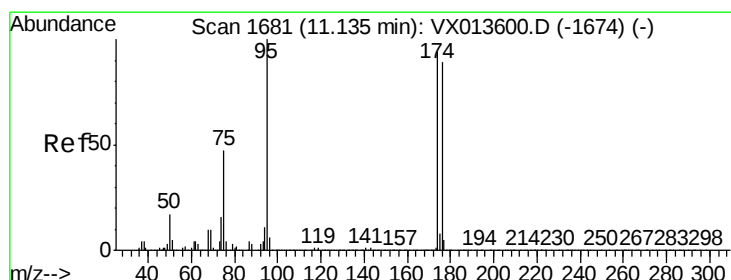
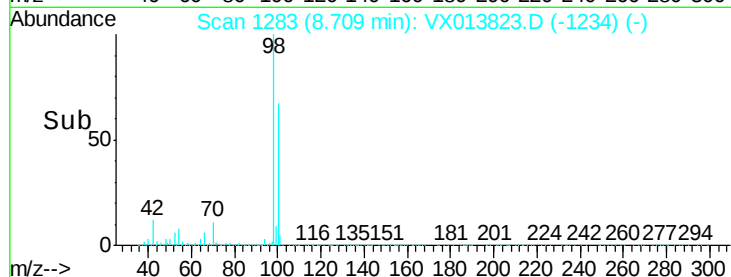
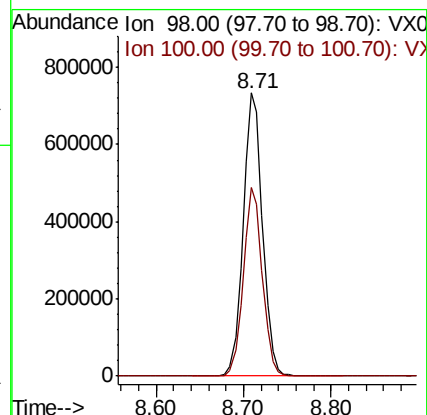
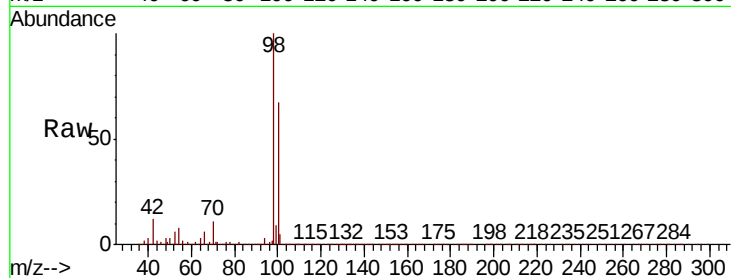
RE131D2-20191205

Tot Ion: 98 Resp: 1127446

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.502 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013823.D

Acq: 07 Dec 2019 01:11

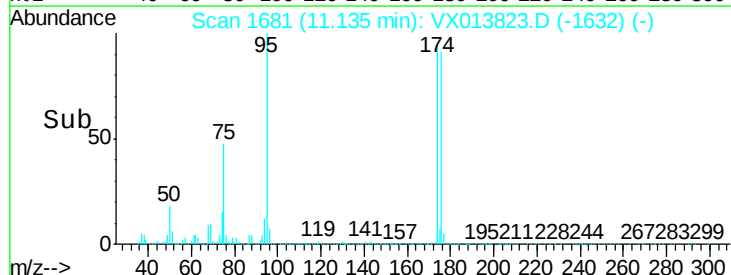
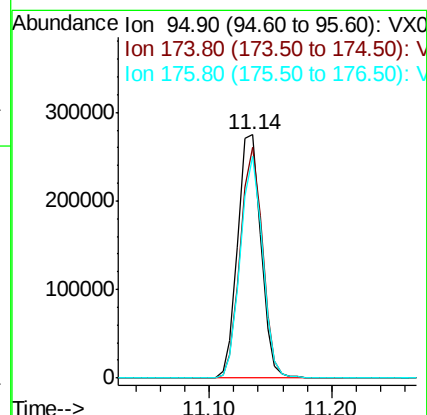
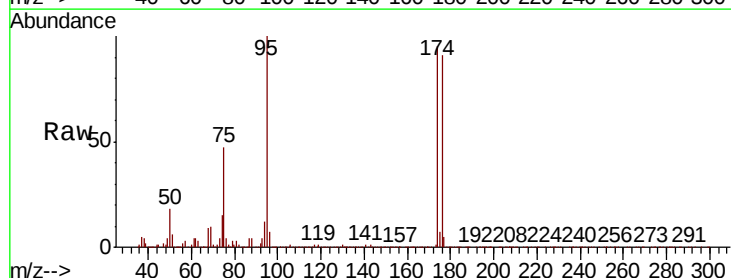
Tgt Ion: 95 Resp: 361038

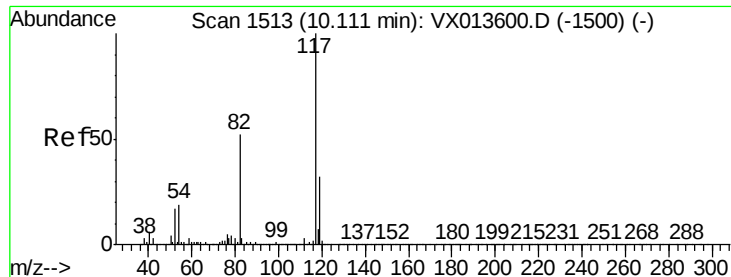
Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

176 86.9 0.0 173.6

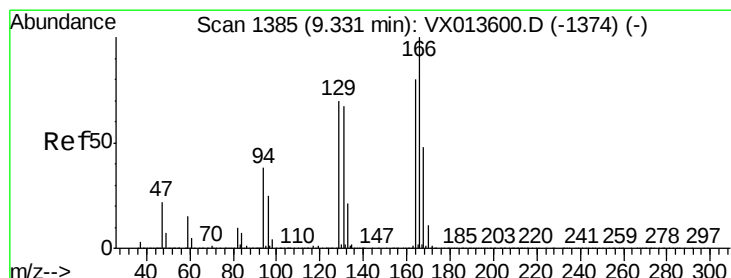
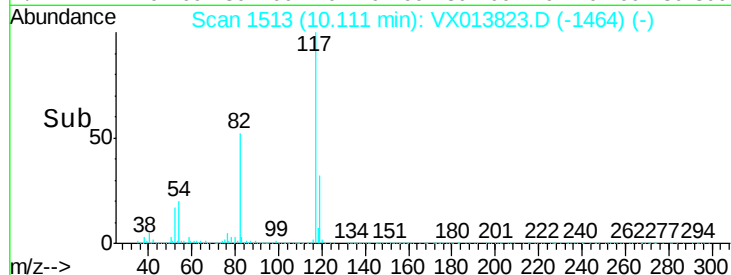
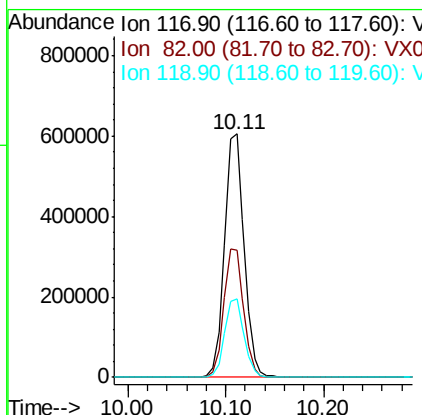
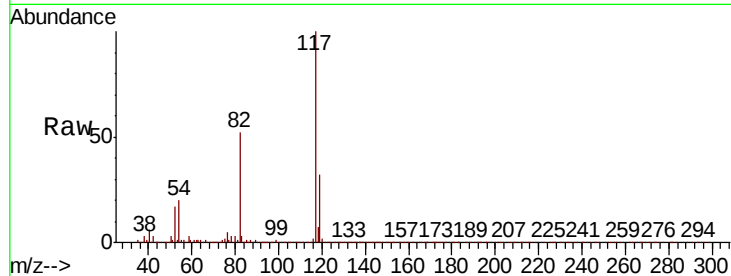




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013823.D
Acq: 07 Dec 2019 01:11

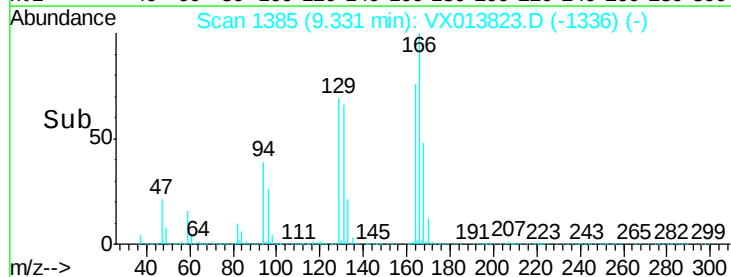
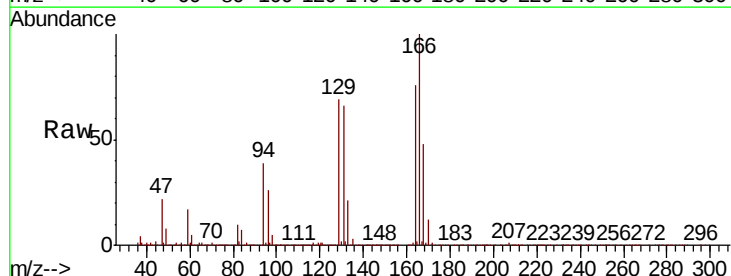
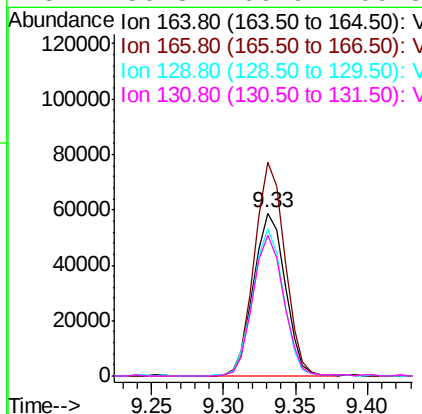
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191205

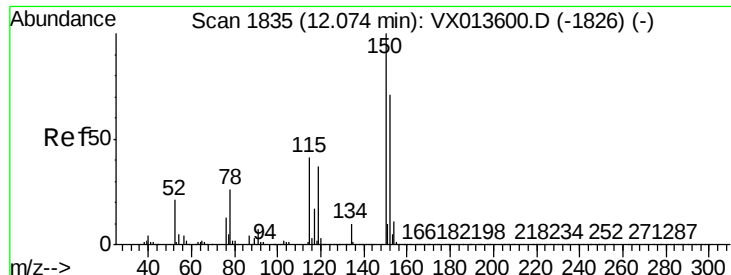
Tot Ion:117 Resp: 840046
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 14.237 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013823.D
Acq: 07 Dec 2019 01:11

Tgt Ion:164 Resp: 89187
Ion Ratio Lower Upper
164 100
166 131.0 99.7 149.5
129 90.6 70.1 105.1
131 86.3 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: VX013823.D

Acq: 07 Dec 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191205

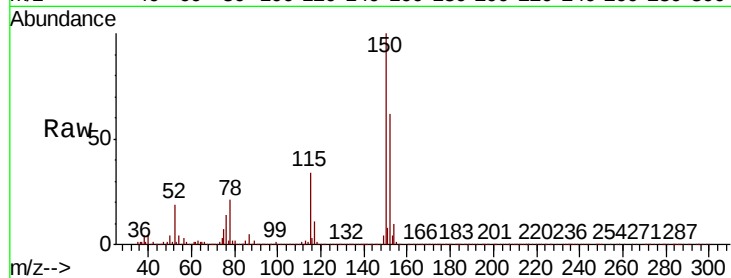
Tot Ion:152 Resp: 354441

Ion Ratio Lower Upper

152 100

115 55.1 38.4 115.1

150 158.9 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

