

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013822.D
 Acq On : 07 Dec 2019 00:47
 Operator : JC/SP
 Sample : K6185-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20191205

Quant Time: Dec 09 09:55:51 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

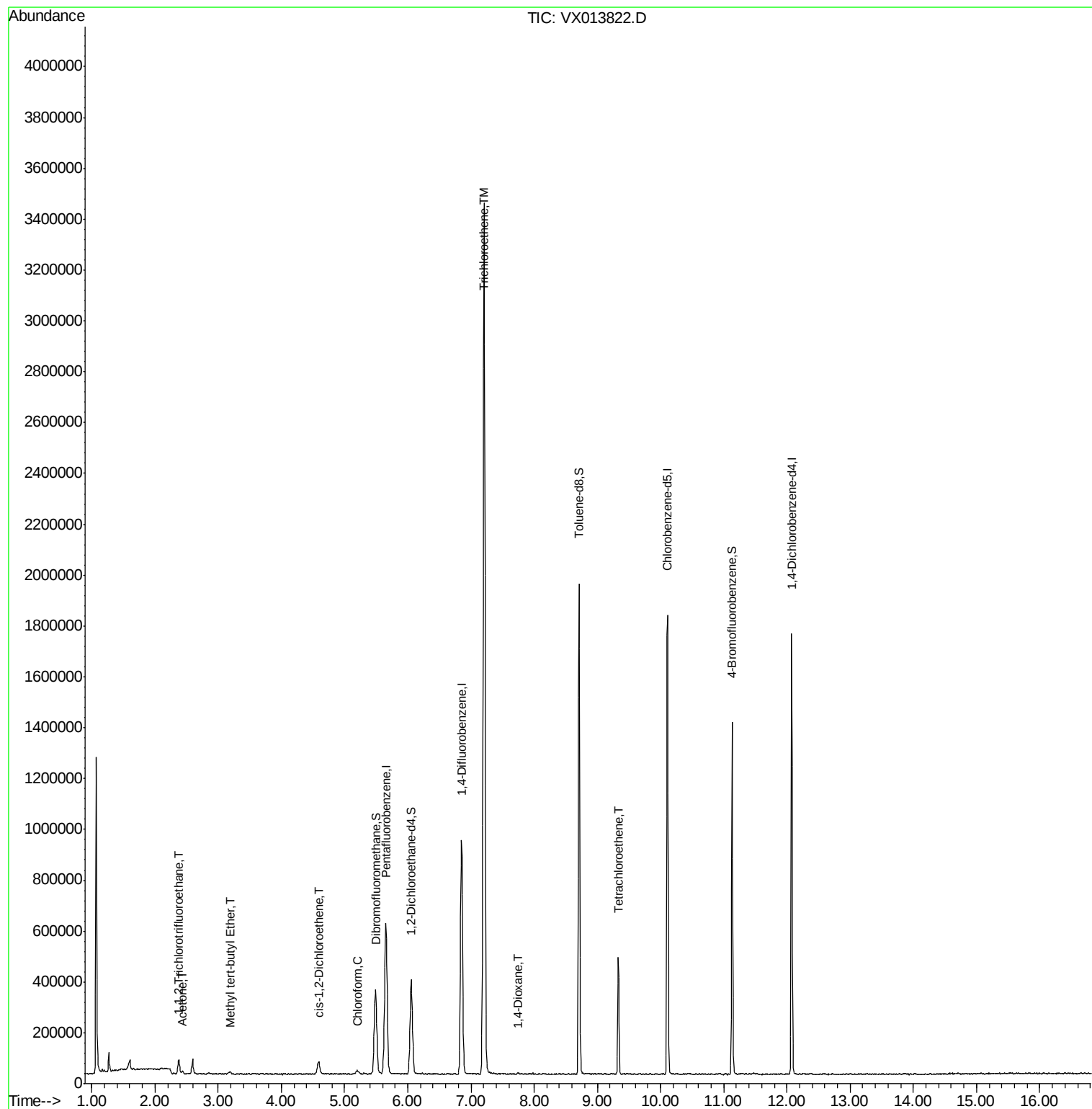
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	627649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	954031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	846429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	360834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	345137	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
35) Dibromofluoromethane	5.49	113	286766	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	1121764	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	369911	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	19985	3.340	ug/l	91
16) Acetone	2.43	43	7947	2.209	ug/l #	85
19) Methyl tert-butyl Ether	3.19	73	10200	0.515	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	32652	4.369	ug/l	88
30) Chloroform	5.21	83	18532	1.601	ug/l	87
44) Trichloroethene	7.21	130	1366524	188.776	ug/l	99
49) 1,4-Dioxane	7.75	88	4545	26.128	ug/l #	86
64) Tetrachloroethene	9.33	164	92305	14.623	ug/l	96

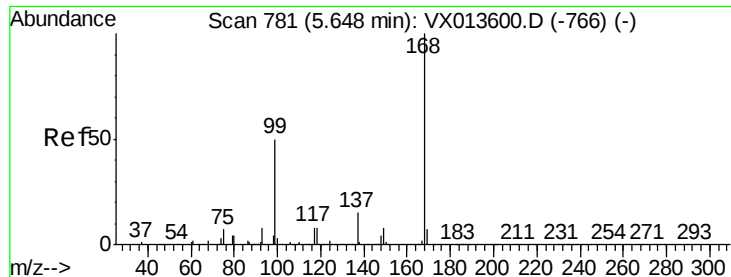
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013822.D

Acq: 07 Dec 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

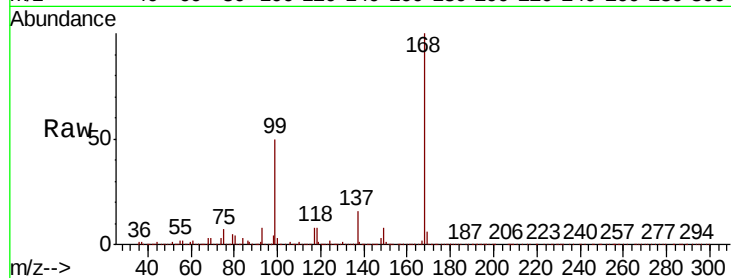
RE131D1-20191205

Tot Ion:168 Resp: 627649

Ion Ratio Lower Upper

168 100

99 49.8 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

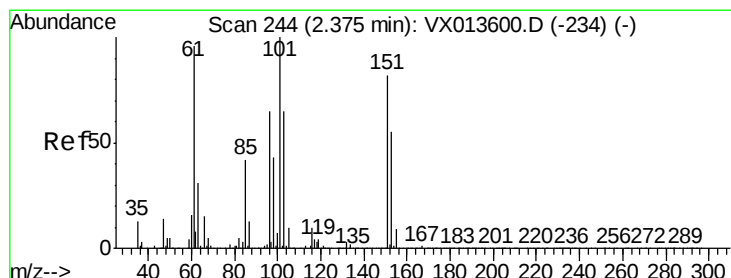
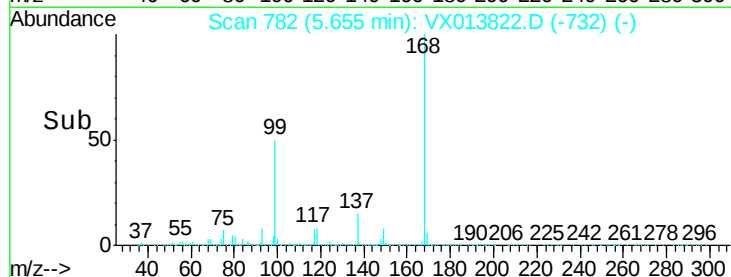
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.340 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

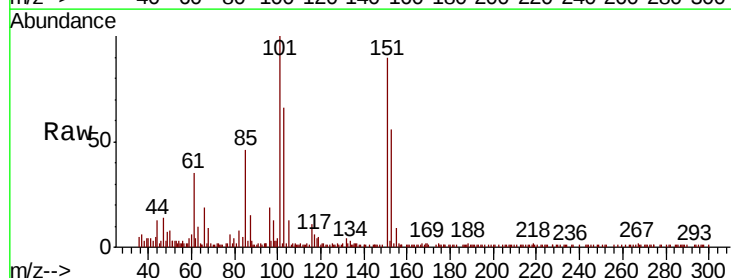
Tgt Ion:101 Resp: 19985

Ion Ratio Lower Upper

101 100

85 48.3 33.9 50.9

151 88.4 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

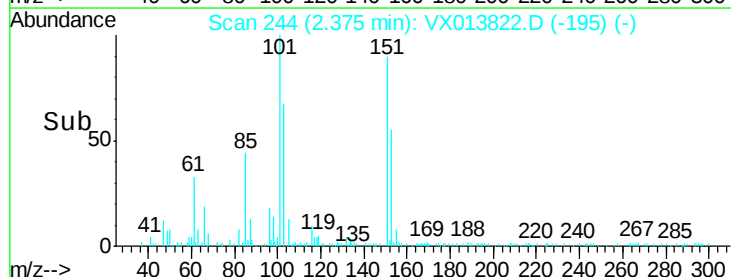
2.37

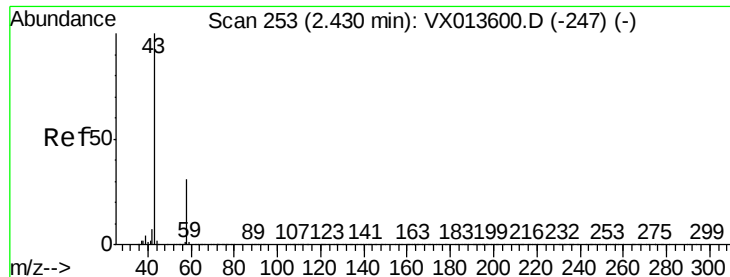
10000

5000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.209 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

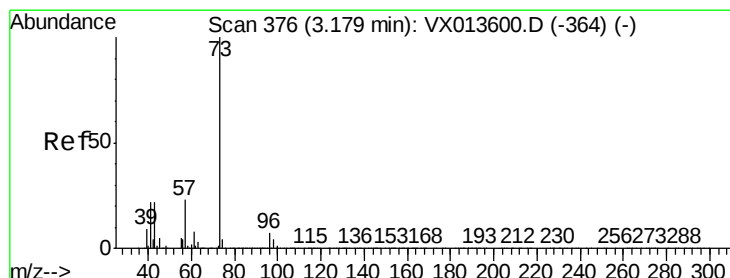
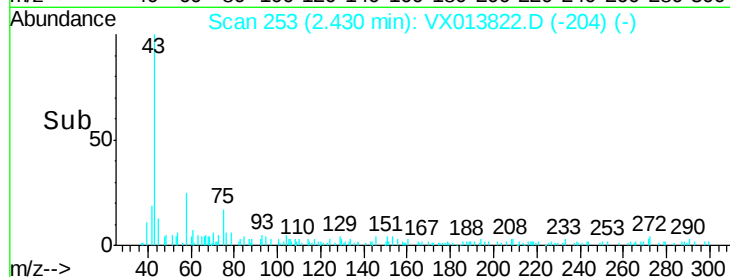
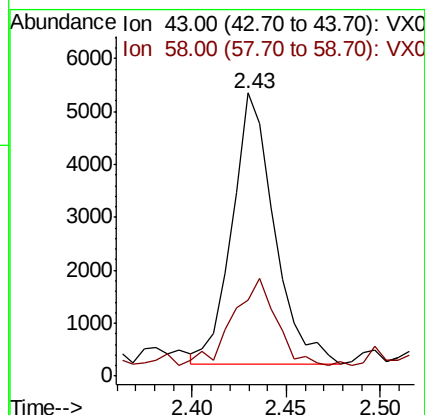
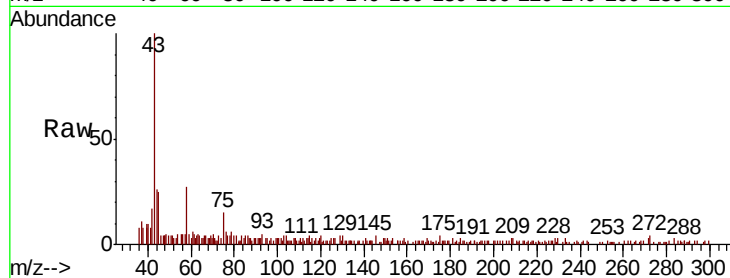
RE131D1-20191205

Tot Ion: 43 Resp: 7947

Ion Ratio Lower Upper

43 100

58 22.6 24.6 36.8#



#19

Methyl tert-butyl Ether

Concen: 0.515 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX013822.D

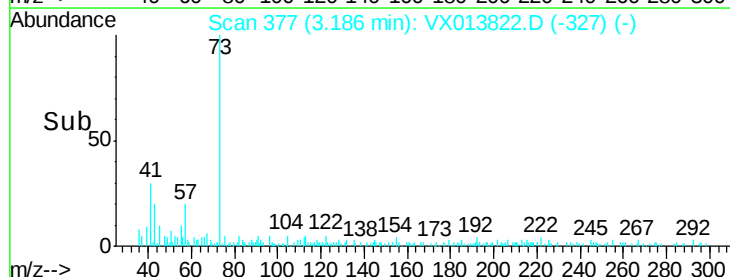
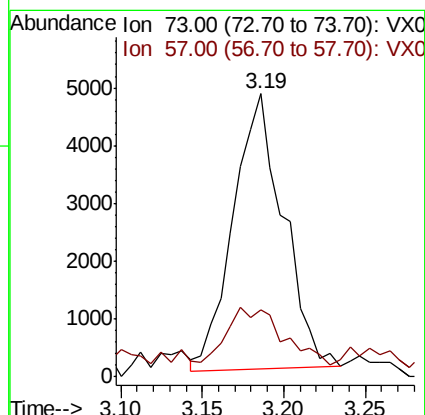
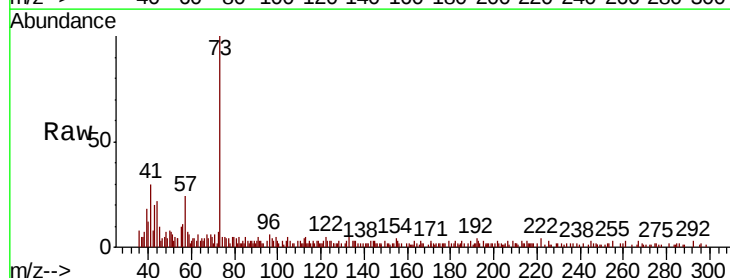
Acq: 07 Dec 2019 00:47

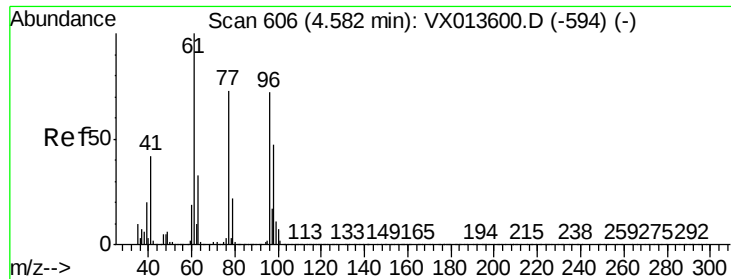
Tgt Ion: 73 Resp: 10200

Ion Ratio Lower Upper

73 100

57 18.7 18.3 27.5



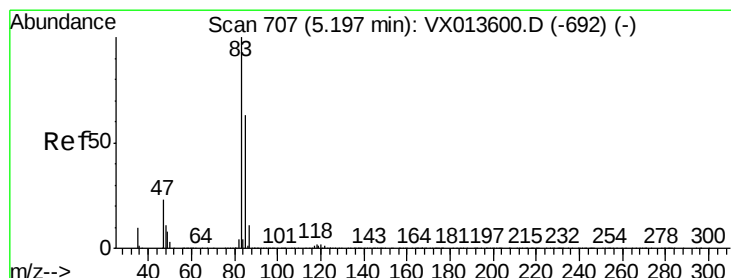
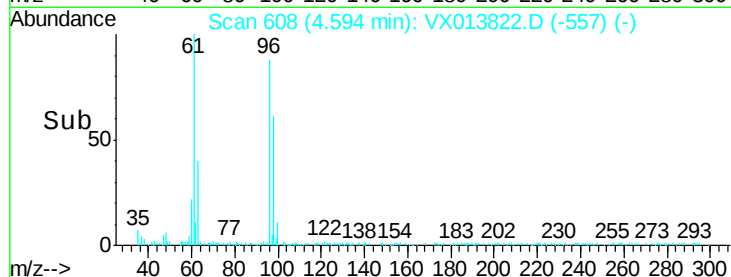
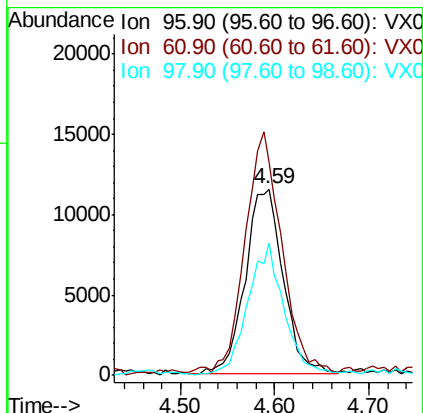
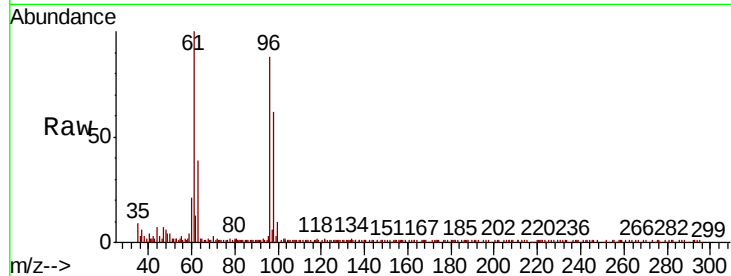


#27

cis-1,2-Dichloroethene
 Concen: 4.369 ug/l
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX013822.D
 Acq: 07 Dec 2019 00:47

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20191205

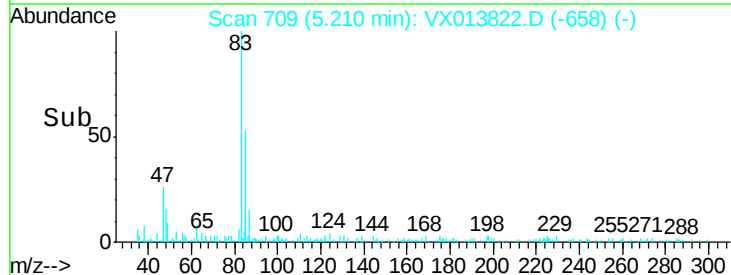
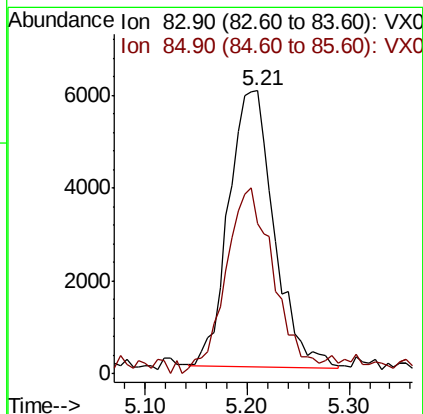
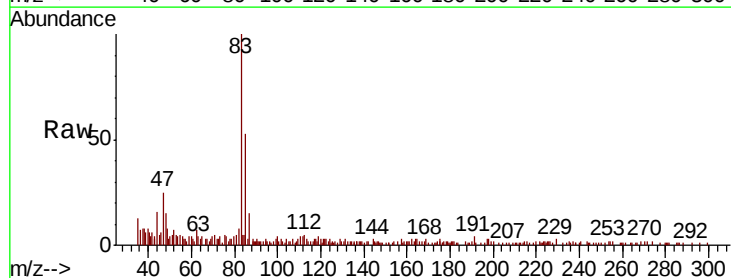
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	286.4
98	68.2	0.0	127.4

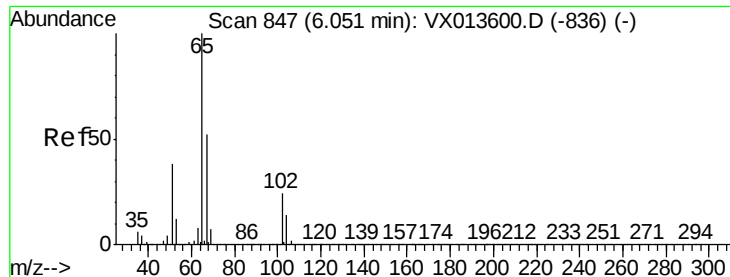


#30

Chloroform
 Concen: 1.601 ug/l
 RT: 5.21 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VX013822.D
 Acq: 07 Dec 2019 00:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.9	50.2	75.4





#33

1,2-Dichloroethane-d4

Concen: 47.373 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

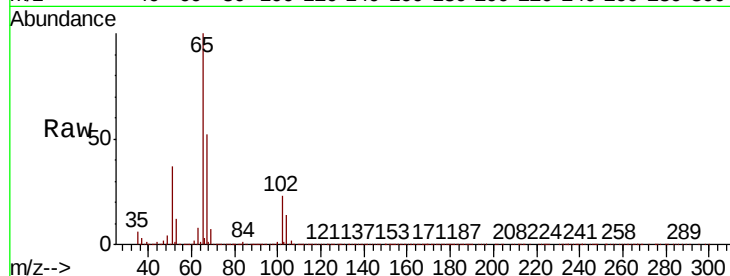
RE131D1-20191205

Tot Ion: 65 Resp: 345137

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

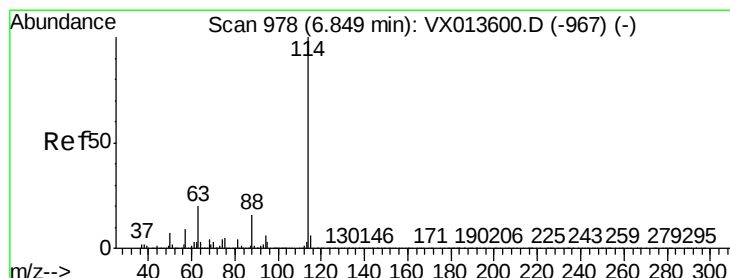
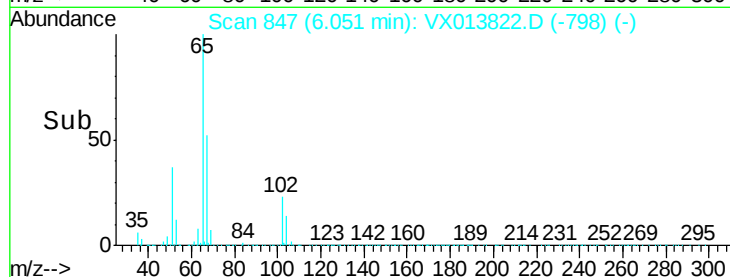
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

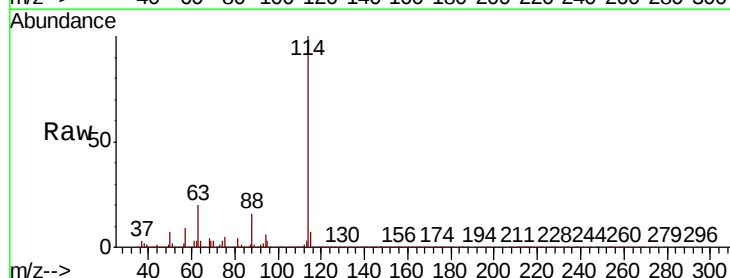
Tgt Ion: 114 Resp: 954031

Ion Ratio Lower Upper

114 100

63 19.6 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

6.85

500000

400000

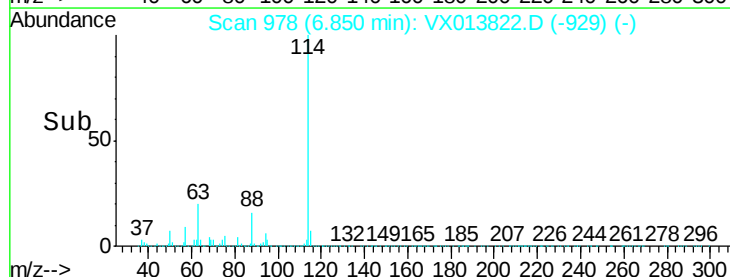
300000

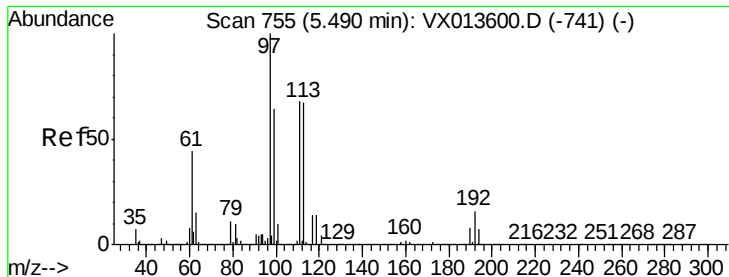
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.621 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20191205

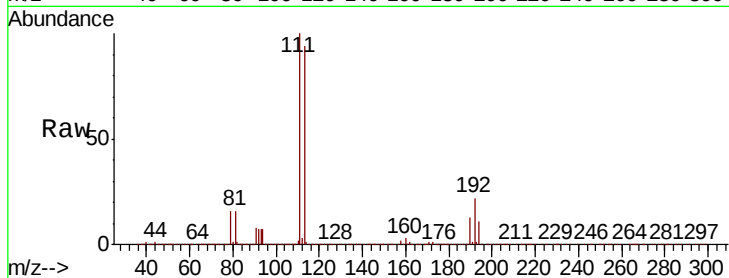
Tot Ion:113 Resp: 286766

Ion Ratio Lower Upper

113 100

111 102.4 83.6 125.4

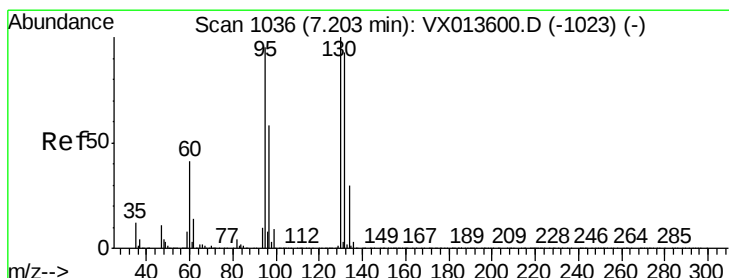
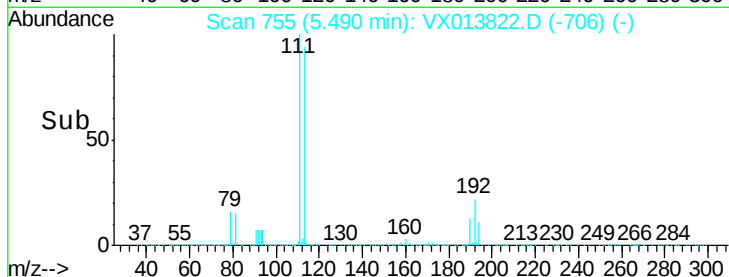
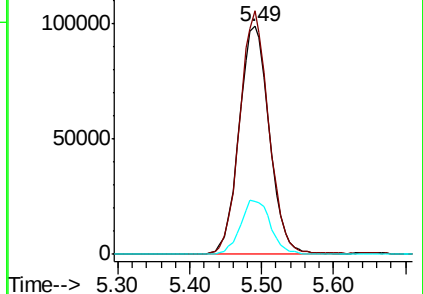
192 23.5 19.2 28.8



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: 188.776 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013822.D

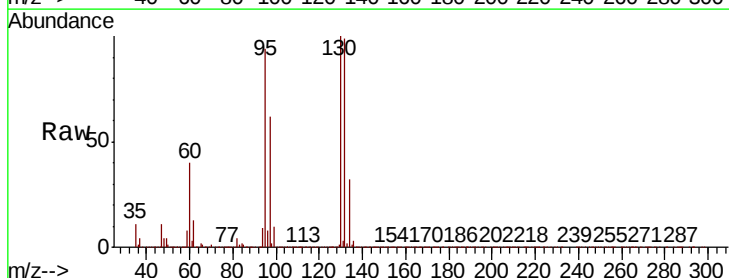
Acq: 07 Dec 2019 00:47

Tgt Ion:130 Resp: 1366524

Ion Ratio Lower Upper

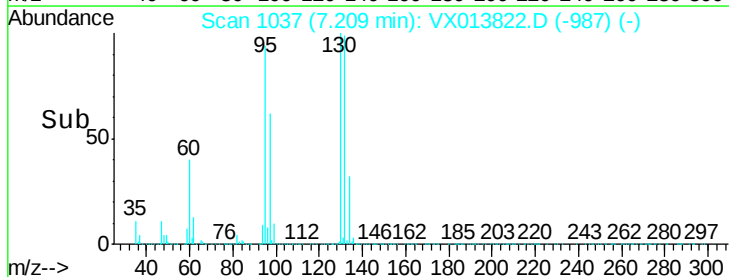
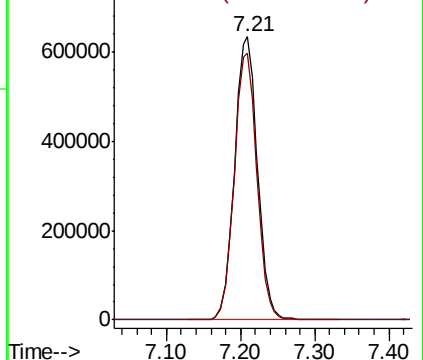
130 100

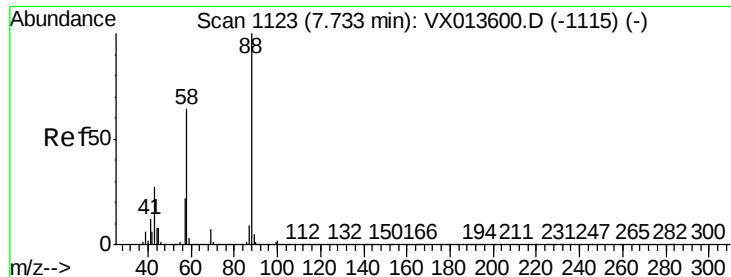
95 94.4 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 26.128 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20191205

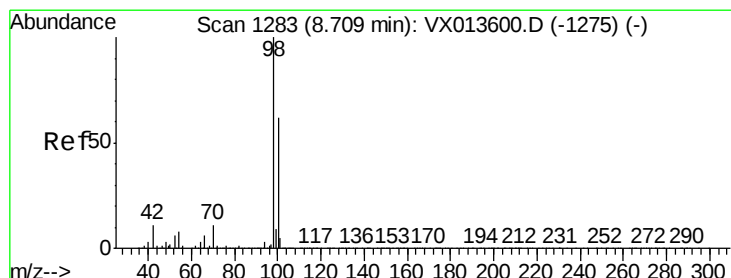
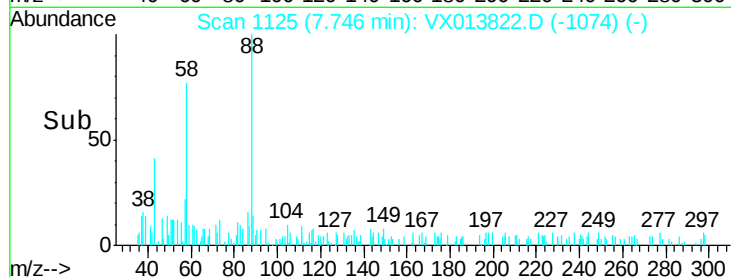
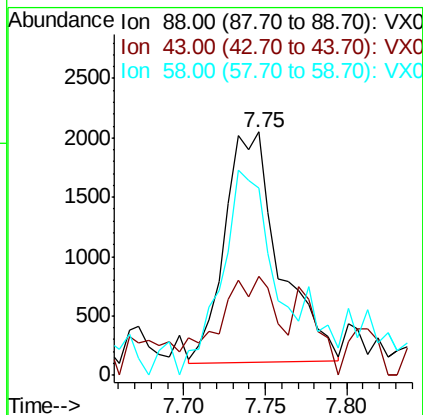
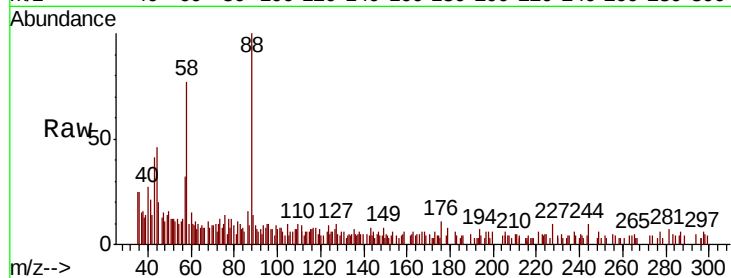
Tot Ion: 88 Resp: 4545

Ion Ratio Lower Upper

88 100

43 34.3 25.8 38.6

58 83.7 54.6 82.0#



#50

Toluene-d8

Concen: 48.817 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013822.D

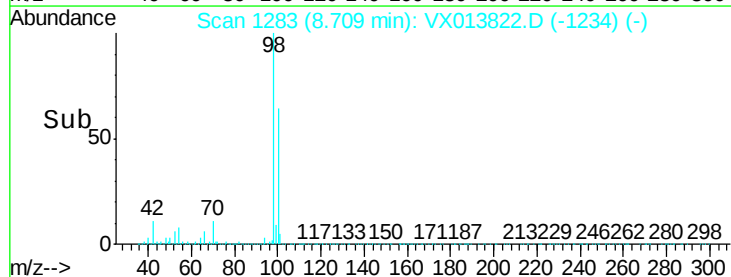
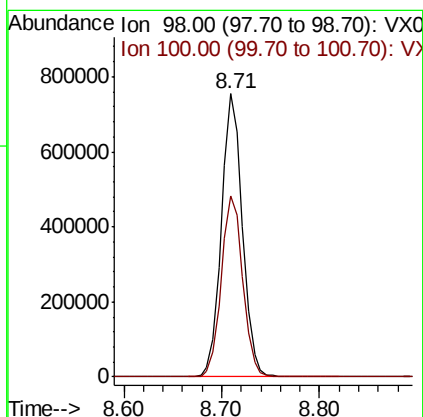
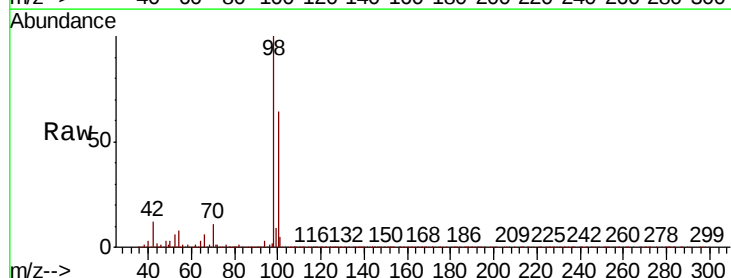
Acq: 07 Dec 2019 00:47

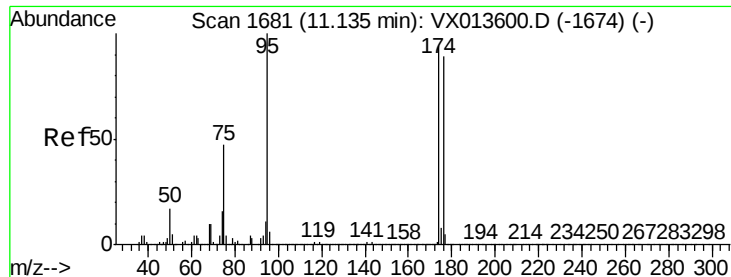
Tgt Ion: 98 Resp: 1121764

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.641 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20191205

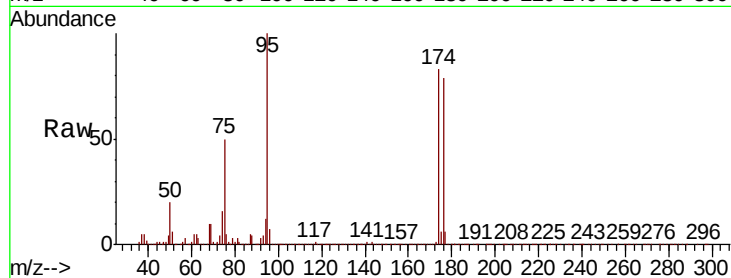
Tot Ion: 95 Resp: 369911

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

176 86.0 0.0 173.6

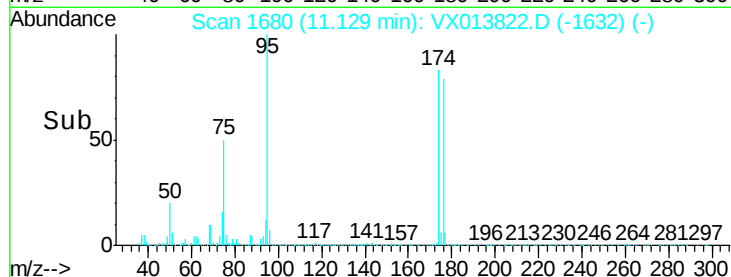


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->



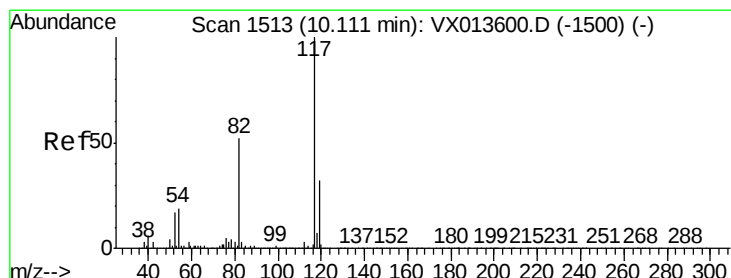
Abundance

Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

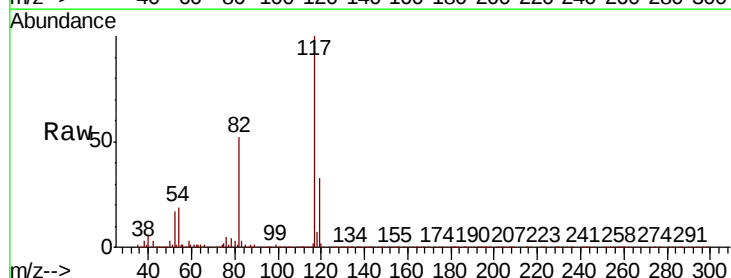
Tgt Ion: 117 Resp: 846429

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

119 32.6 25.8 38.8

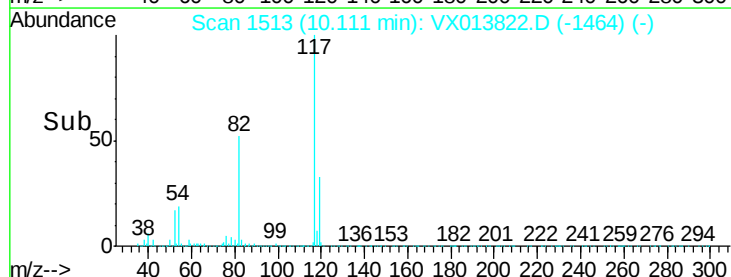


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->



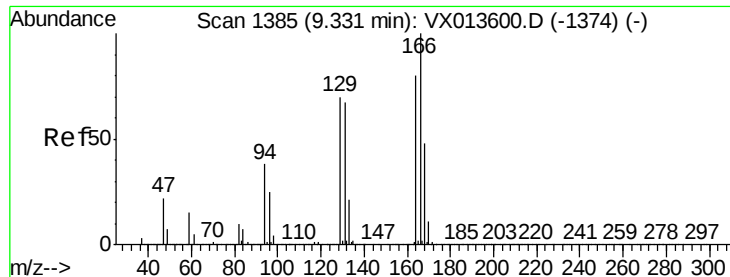
Abundance

Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->



#64

Tetrachloroethene

Concen: 14.623 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013822.D

Acq: 07 Dec 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20191205

Tot Ion:164 Resp: 92305

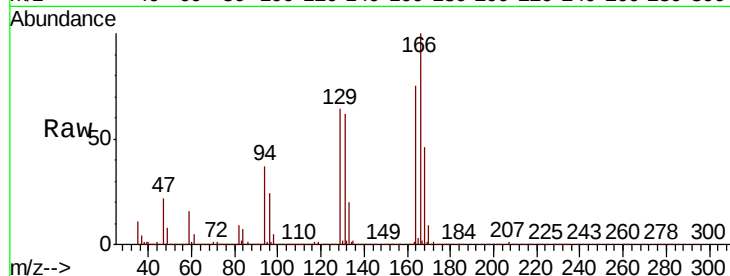
Ion Ratio Lower Upper

164 100

166 133.9 99.7 149.5

129 86.1 70.1 105.1

131 82.4 66.9 100.3

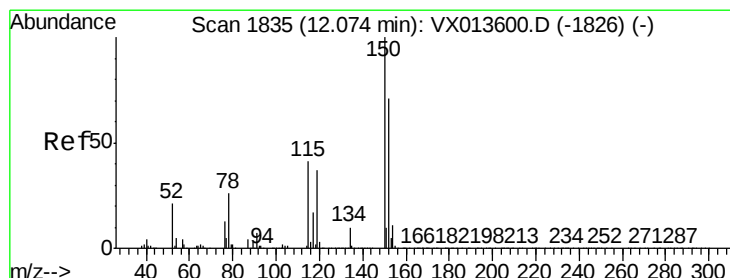
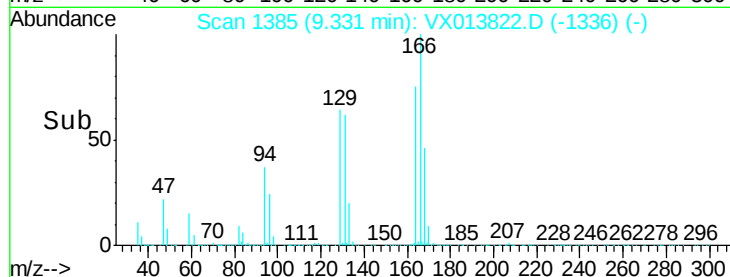
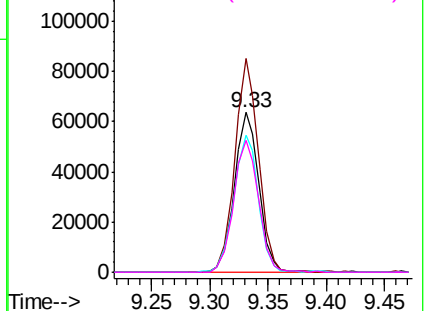


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX013822.D

Acq: 07 Dec 2019 00:47

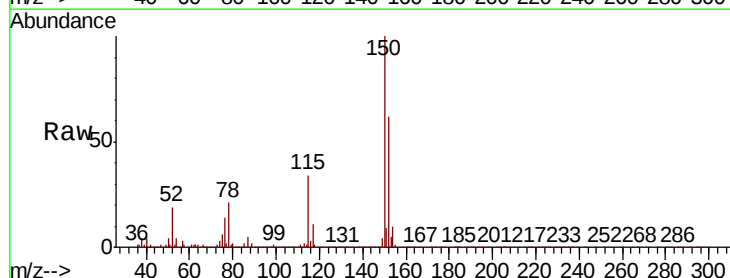
Tgt Ion:152 Resp: 360834

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

150 159.8 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

