

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012551.D
 Acq On : 20 Sep 2019 12:52
 Operator : JC/SP
 Sample : K4858-22DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20190910DL

Quant Time: Sep 21 01:49:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

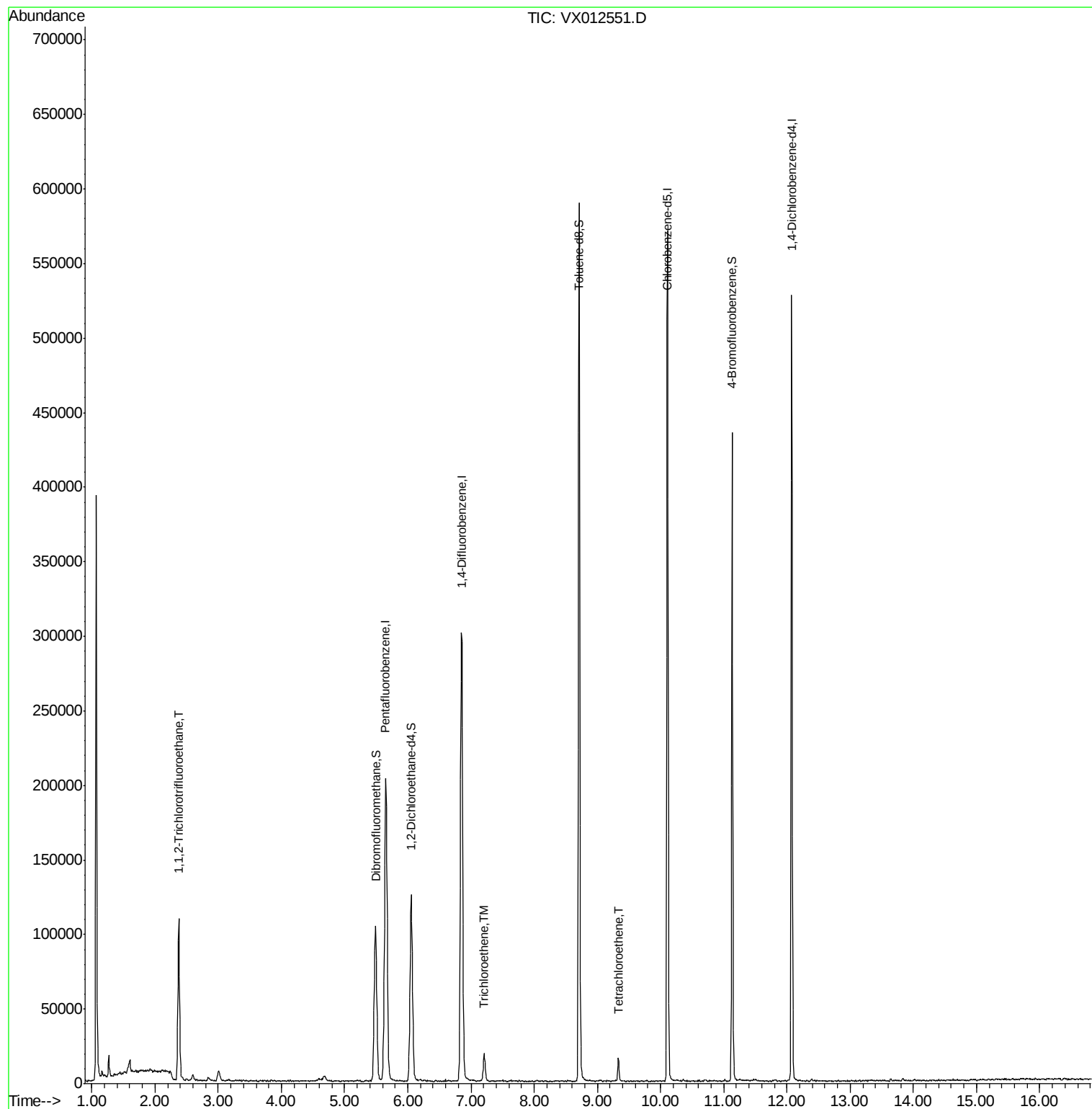
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	123172	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
35) Dibromofluoromethane	5.49	113	88337	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	8.71	98	340231	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.13	95	119696	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41060	28.050	ug/l	97
44) Trichloroethene	7.21	130	7218	4.844	ug/l	96
64) Tetrachloroethene	9.33	164	2652	2.366	ug/l	86

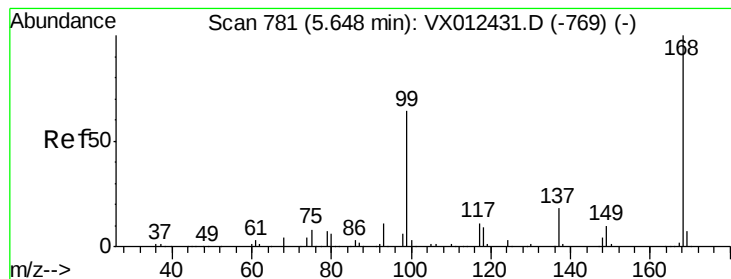
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 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: VX012551.D

Acq: 20 Sep 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

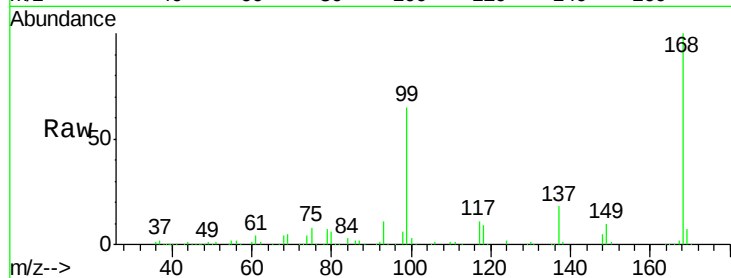
DUP02-20190910DL

Tot Ion:168 Resp: 185734

Ion Ratio Lower Upper

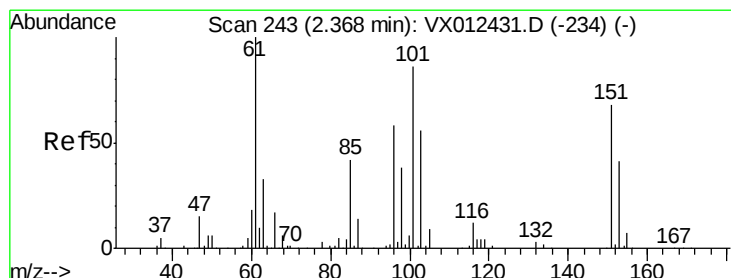
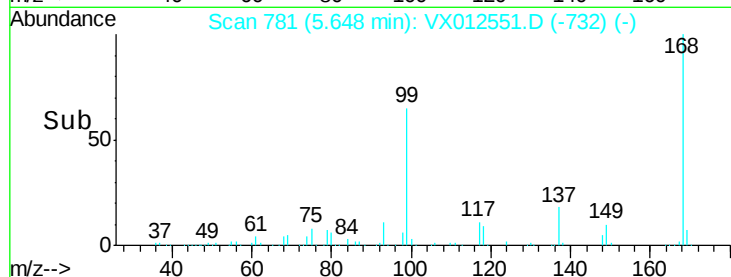
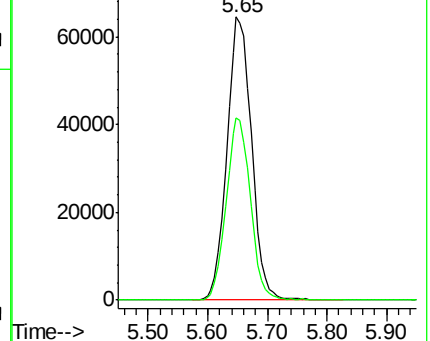
168 100

99 64.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 28.050 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012551.D

Acq: 20 Sep 2019 12:52

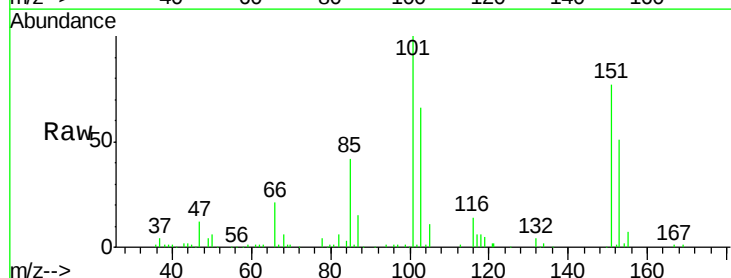
Tgt Ion:101 Resp: 41060

Ion Ratio Lower Upper

101 100

85 44.1 37.3 55.9

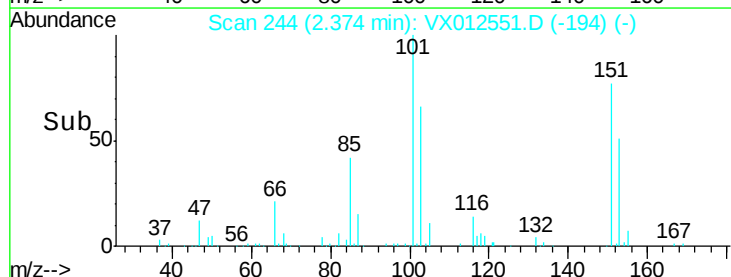
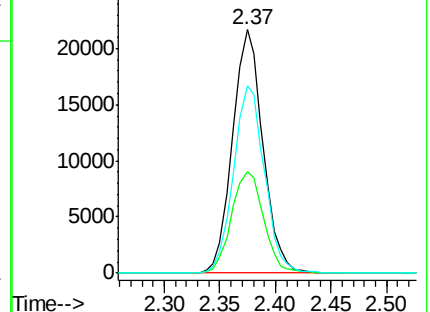
151 78.2 61.0 91.4

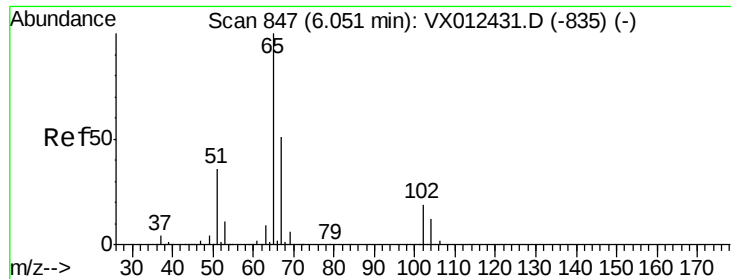


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#33

1,2-Dichloroethane-d4

Concen: 46.271 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012551.D

Acq: 20 Sep 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

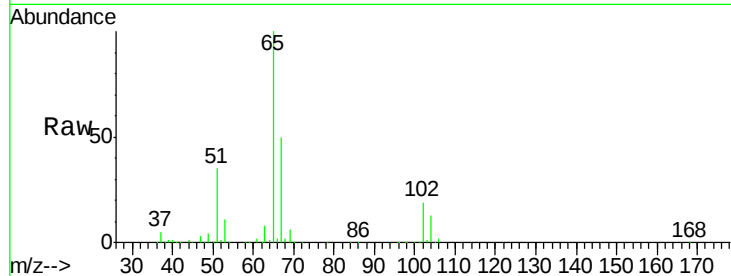
DUP02-20190910DL

Tot Ion: 65 Resp: 123172

Ion Ratio Lower Upper

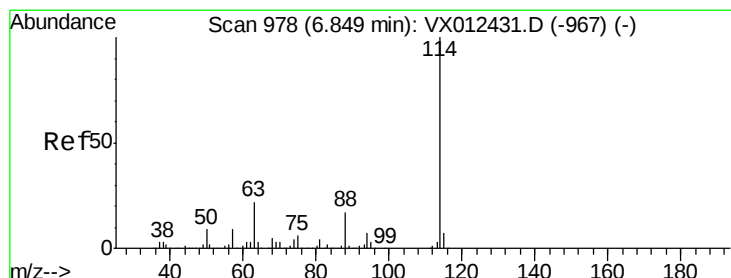
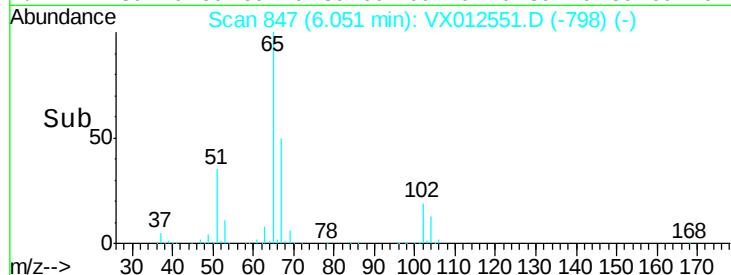
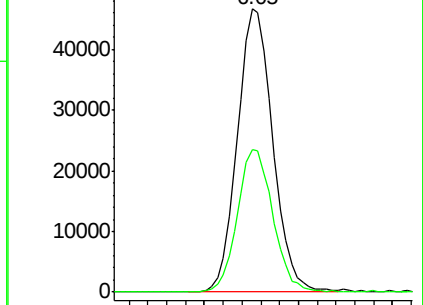
65 100

67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012551.D

Acq: 20 Sep 2019 12:52

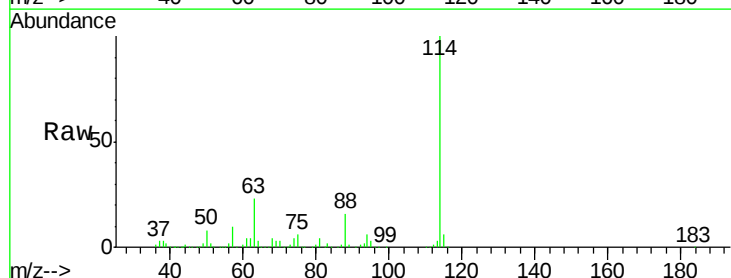
Tgt Ion: 114 Resp: 293131

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.2

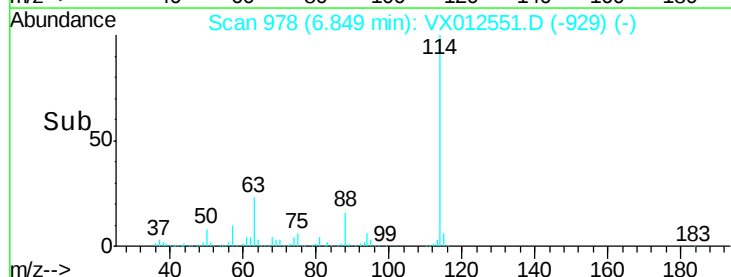
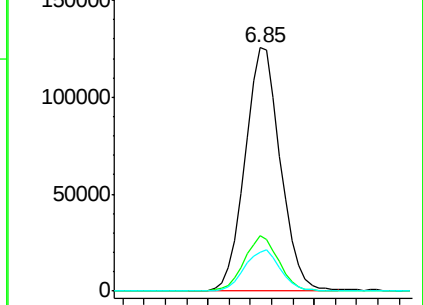
88 16.2 0.0 33.2

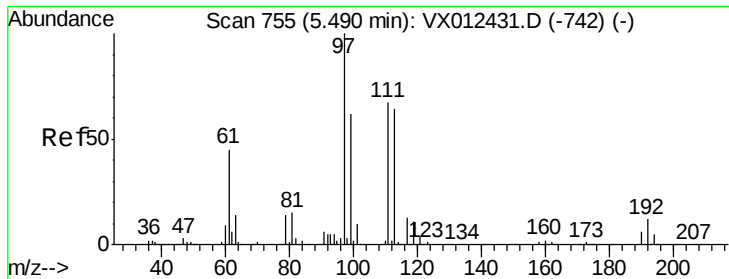


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.790 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012551.D

Acq: 20 Sep 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190910DL

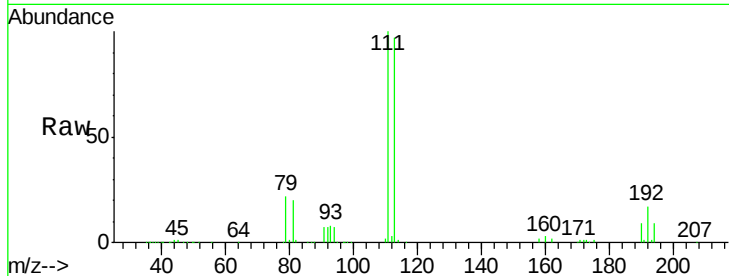
Tot Ion:113 Resp: 88337

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

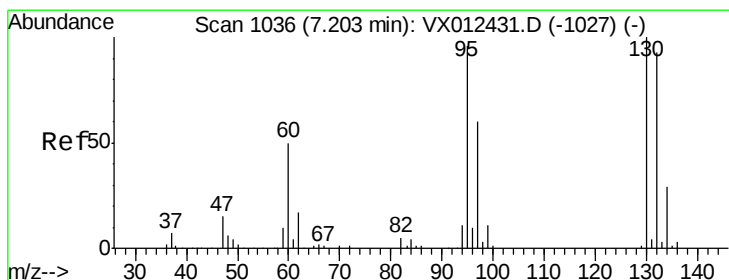
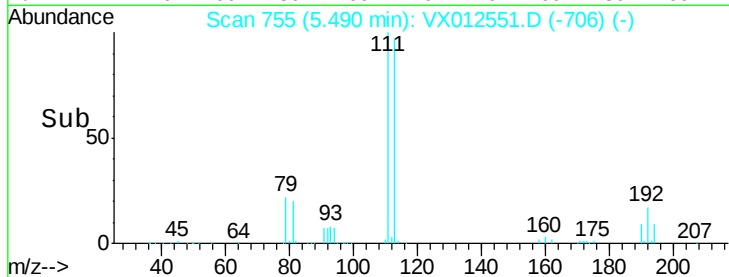
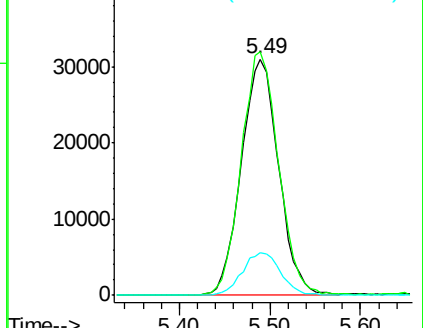
192 18.7 14.4 21.6



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: 4.844 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012551.D

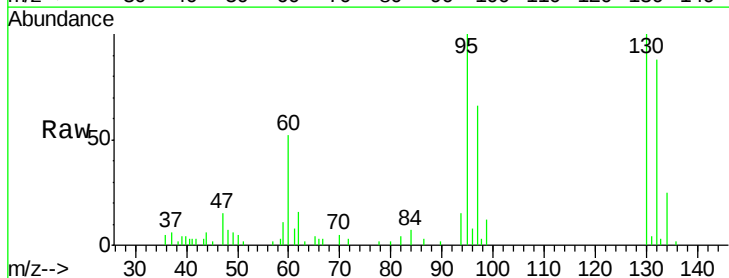
Acq: 20 Sep 2019 12:52

Tgt Ion:130 Resp: 7218

Ion Ratio Lower Upper

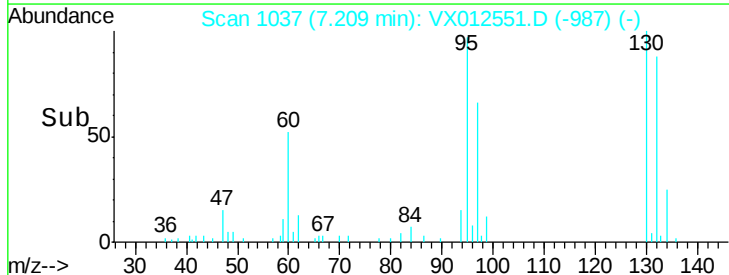
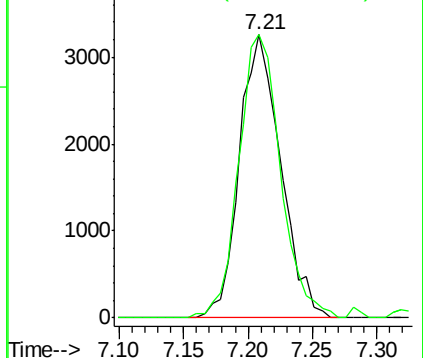
130 100

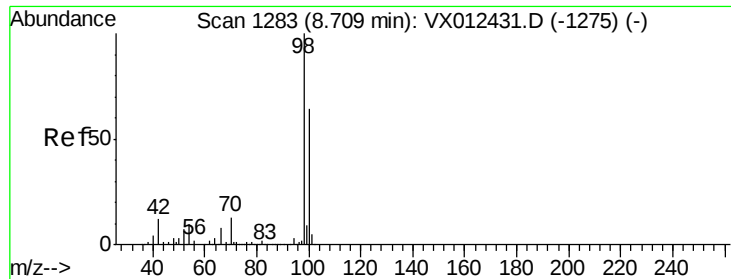
95 100.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

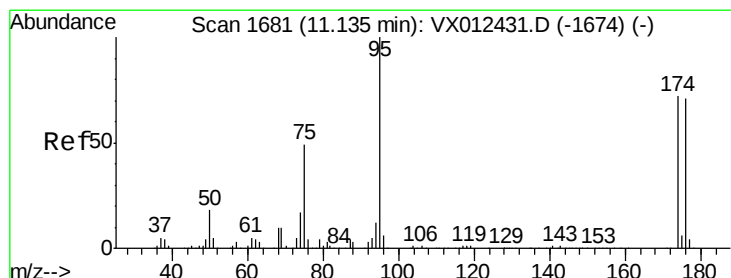
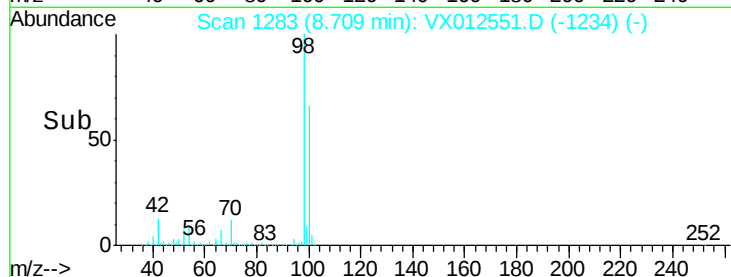
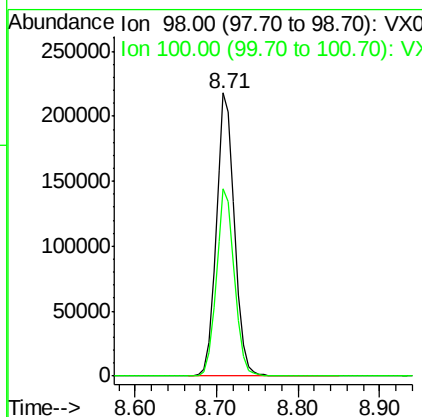
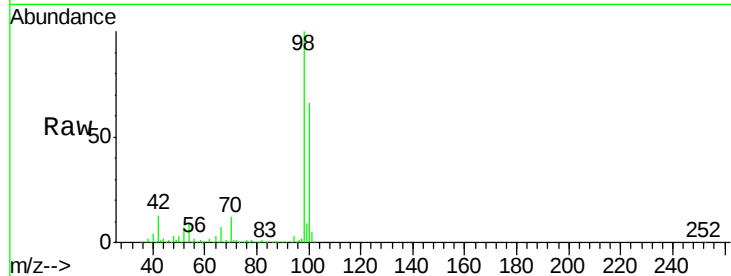




#50
Toluene-d8
Concen: 51.808 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

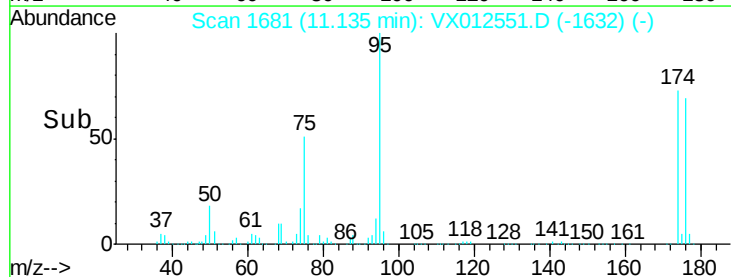
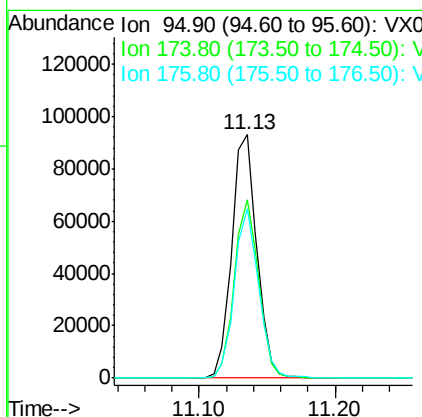
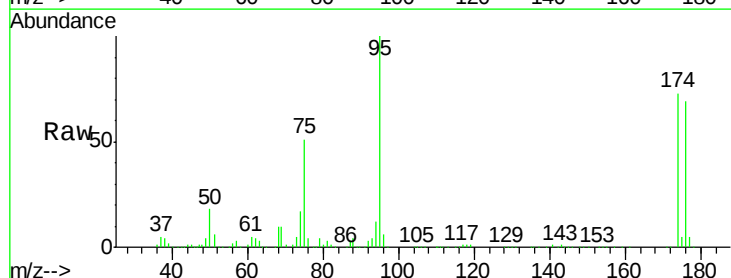
Instrument :
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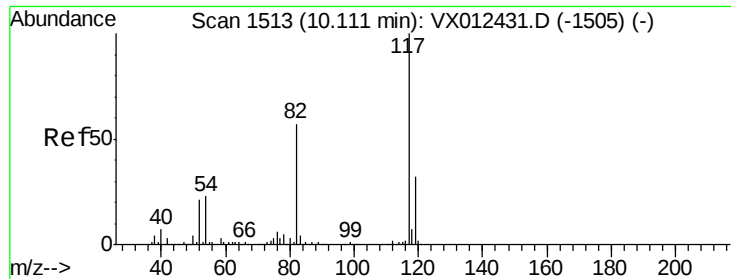
Tot Ion: 98 Resp: 340231
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 43.898 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 95 Resp: 119696
Ion Ratio Lower Upper
95 100
174 71.3 0.0 140.0
176 67.8 0.0 135.4

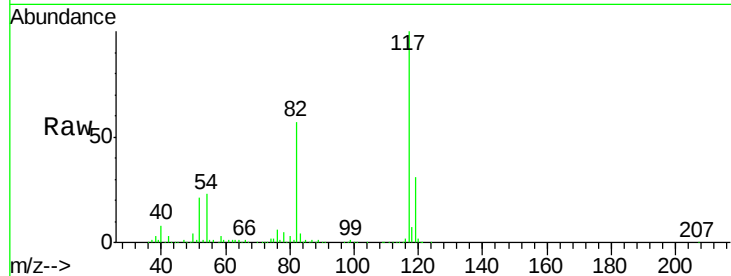




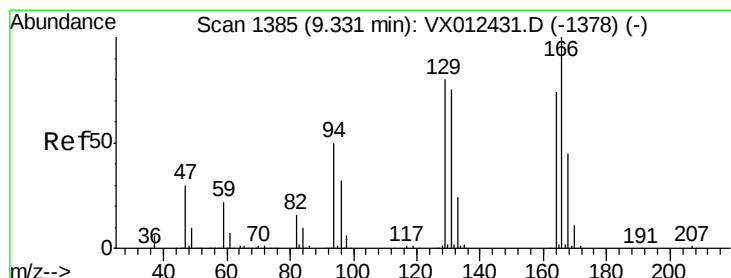
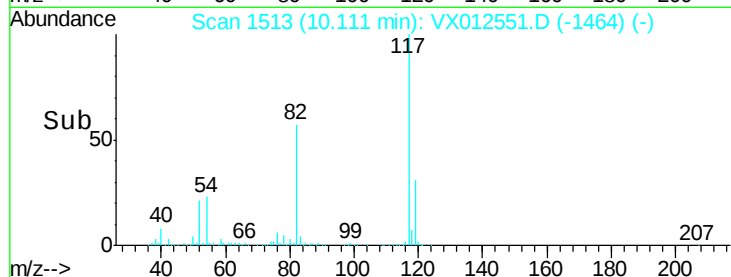
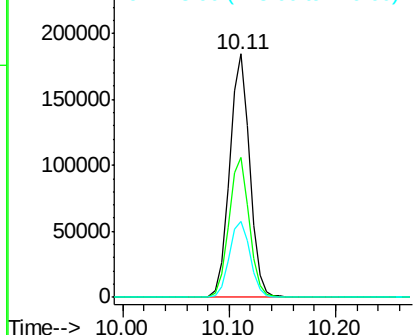
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tot Ion:117 Resp: 244601
Ion Ratio Lower Upper
117 100
82 57.5 45.9 68.9
119 31.4 25.3 37.9

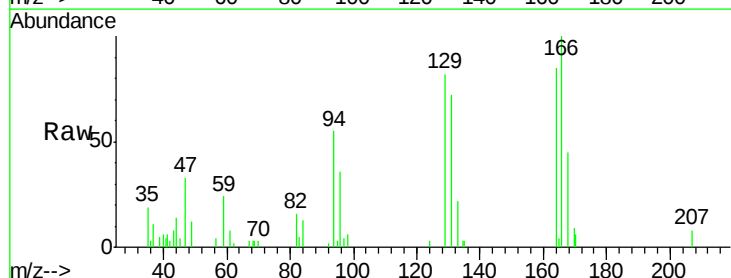


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

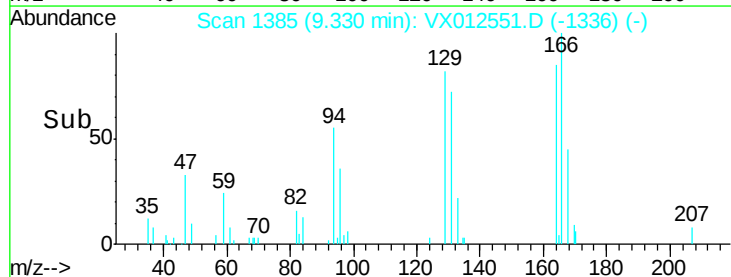
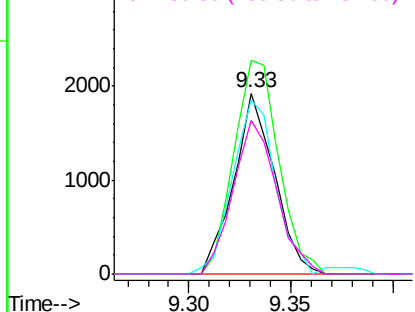


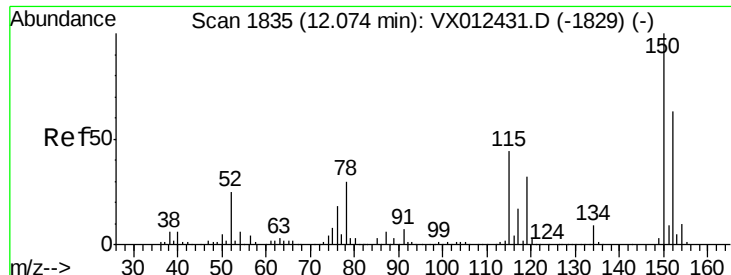
#64
Tetrachloroethene
Concen: 2.366 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion:164 Resp: 2652
Ion Ratio Lower Upper
164 100
166 117.9 107.8 161.6
129 96.3 86.2 129.2
131 84.9 80.4 120.6



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: VX012551.D

Acq: 20 Sep 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190910DL

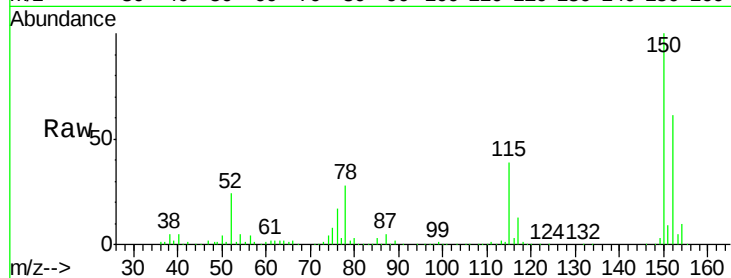
Tot Ion:152 Resp: 98320

Ion Ratio Lower Upper

152 100

115 63.9 44.1 132.3

150 159.5 0.0 343.8



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

