

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012468.D
 Acq On : 18 Sep 2019 13:05
 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 19 06:44:46 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

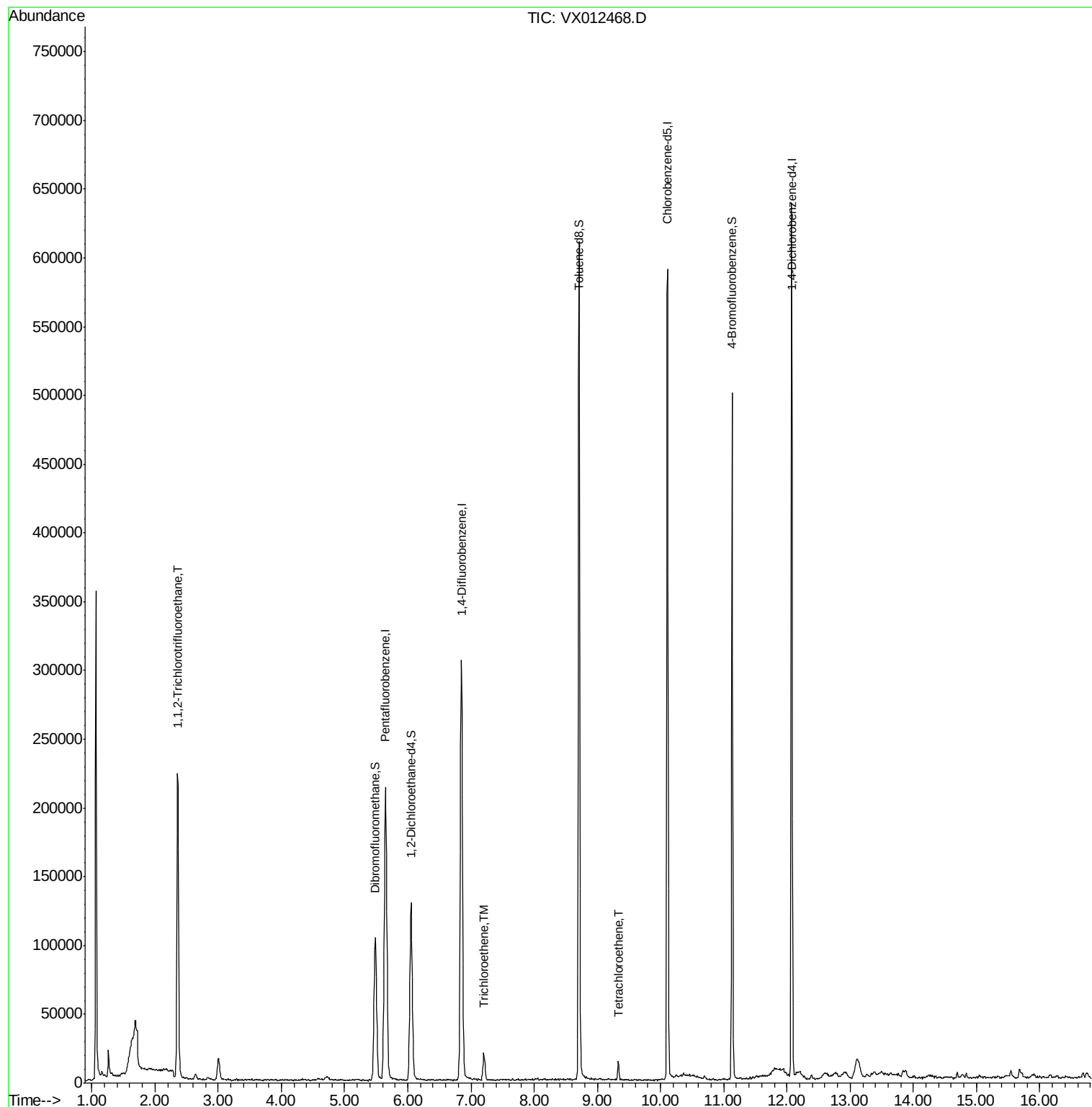
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	125779	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
35) Dibromofluoromethane	5.48	113	87472	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	349403	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.14	95	137016	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.36	101	87663	58.775	ug/l	99
44) Trichloroethene	7.21	130	7542	4.953	ug/l	94
64) Tetrachloroethene	9.33	164	2064	1.712	ug/l	87

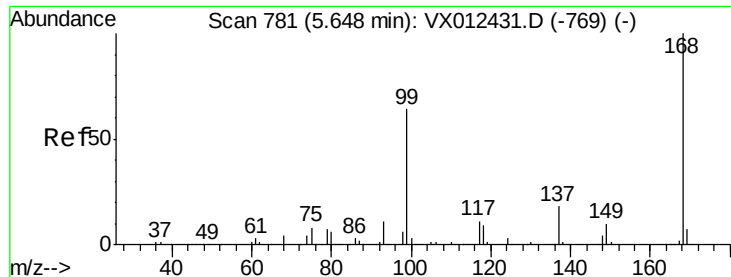
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012468.D

Acq: 18 Sep 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

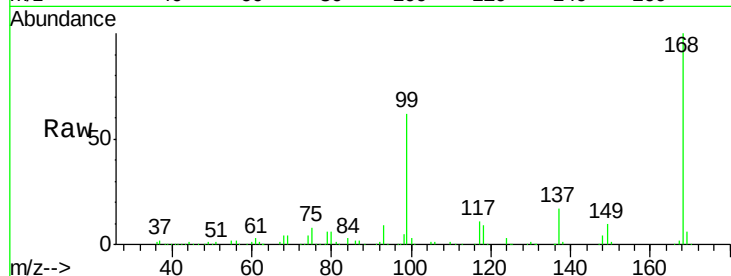
DUP02-20190910DL

Tot Ion:168 Resp: 189249

Ion Ratio Lower Upper

168 100

99 62.2 51.4 77.2

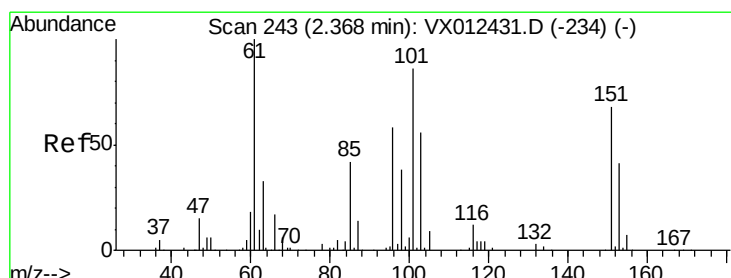
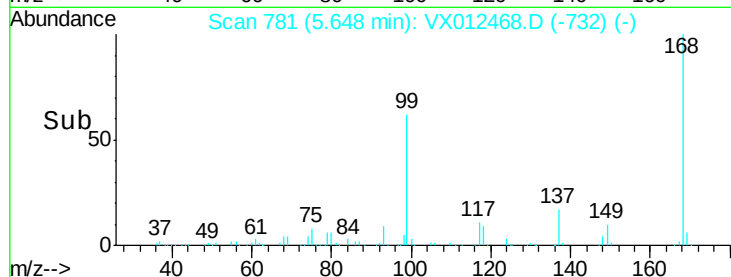


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.775 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX012468.D

Acq: 18 Sep 2019 13:05

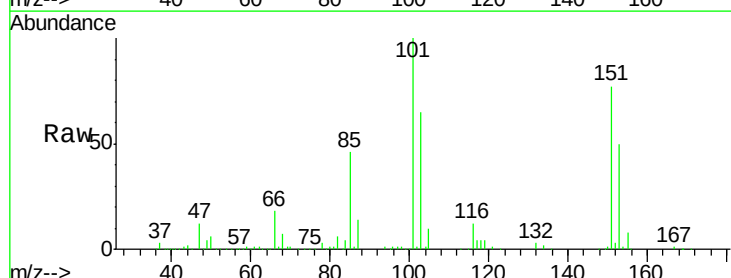
Tgt Ion:101 Resp: 87663

Ion Ratio Lower Upper

101 100

85 45.8 37.3 55.9

151 76.0 61.0 91.4



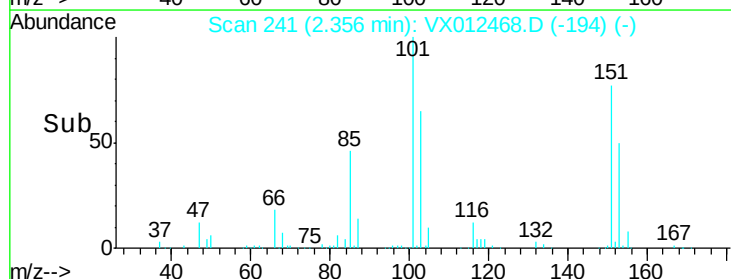
Abundance Ion 100.90 (100.60 to 101.60): V

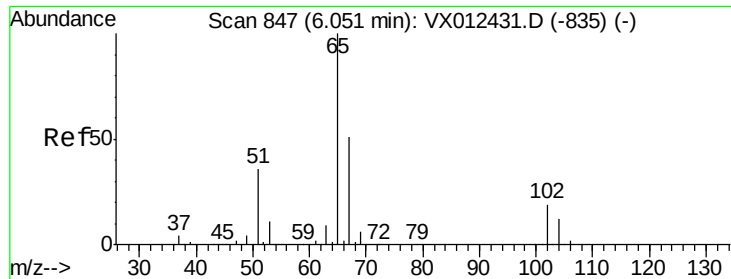
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.36

Time-->

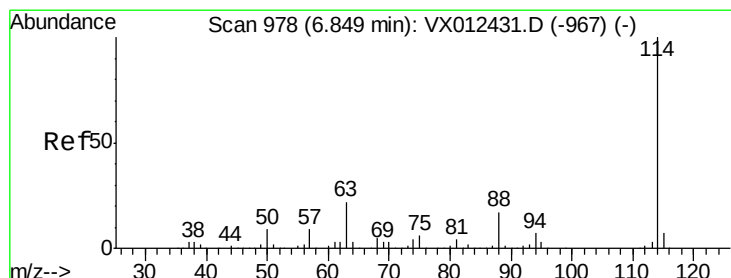
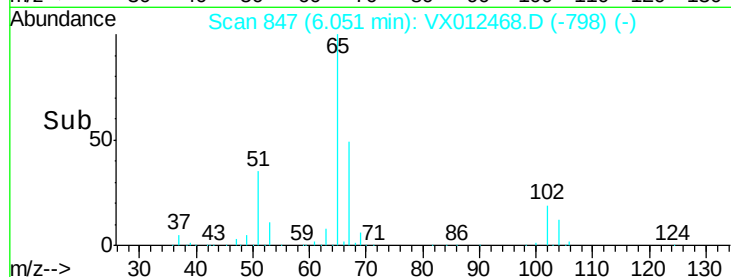
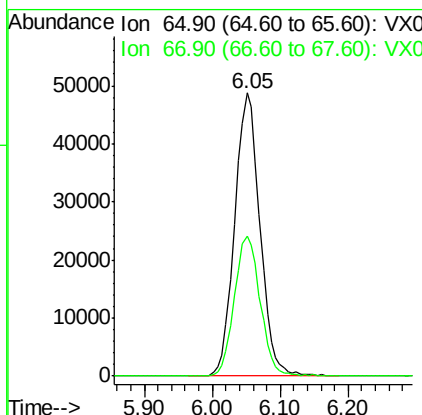
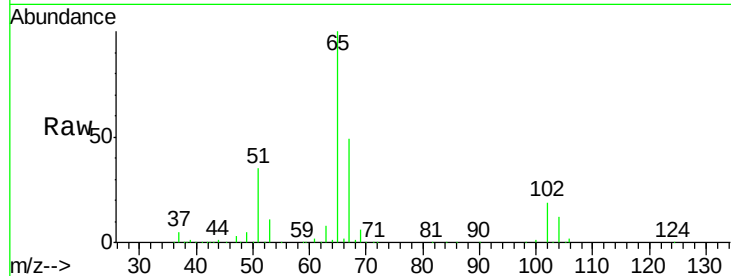




#33
 1,2-Dichloroethane-d4
 Concen: 46.373 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012468.D
 Acq: 18 Sep 2019 13:05

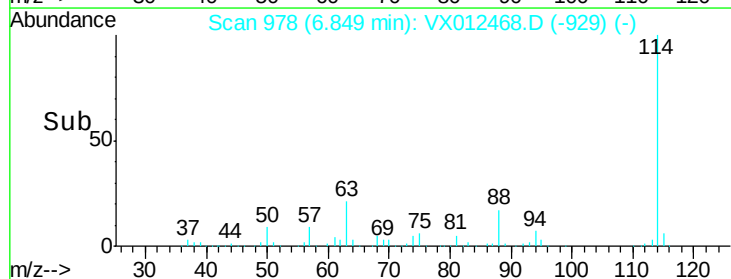
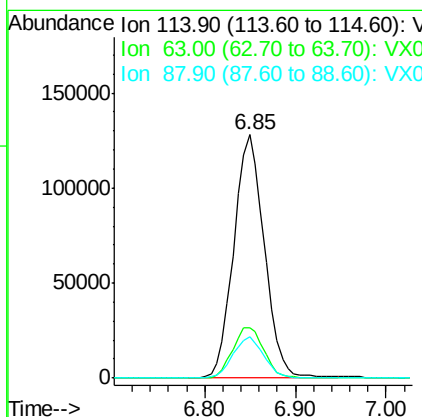
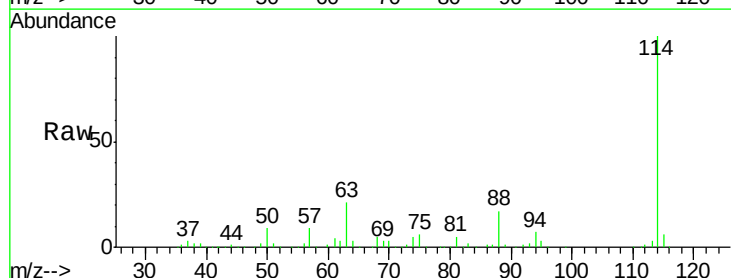
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20190910DL

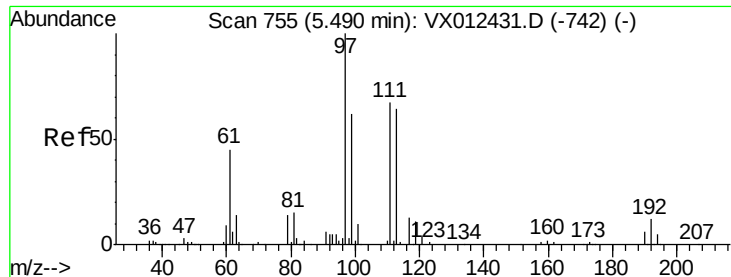
Tot Ion: 65 Resp: 125779
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012468.D
 Acq: 18 Sep 2019 13:05

Tgt Ion: 114 Resp: 299501
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.254 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012468.D

Acq: 18 Sep 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190910DL

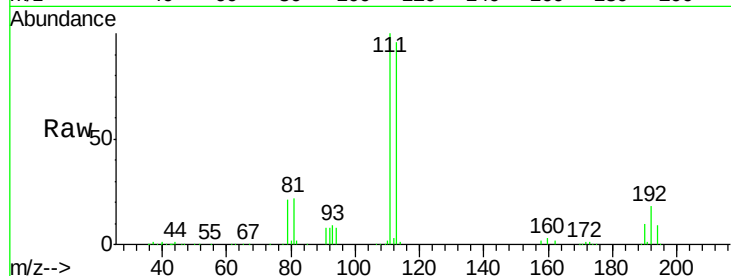
Tot Ion:113 Resp: 87472

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

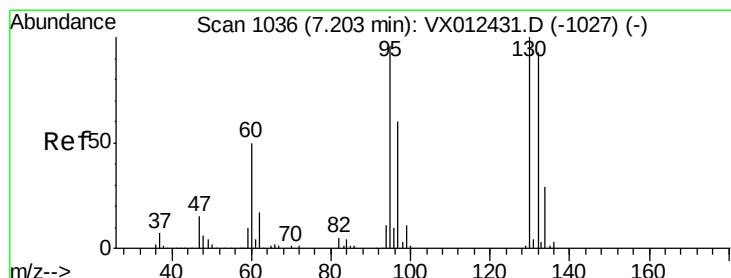
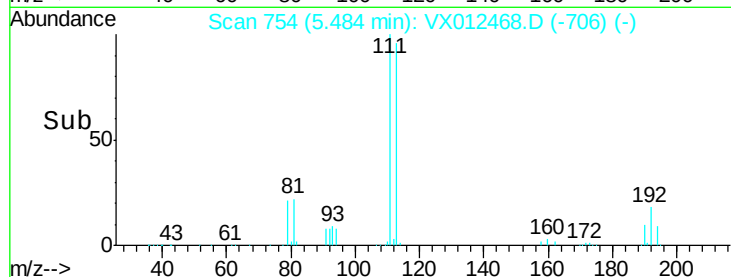
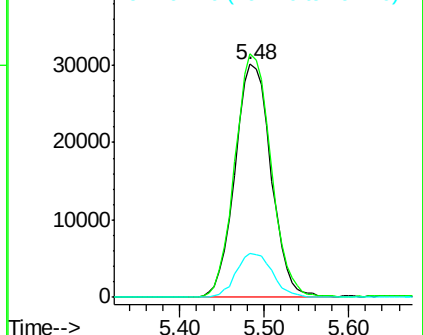
192 19.1 14.4 21.6



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: 4.953 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012468.D

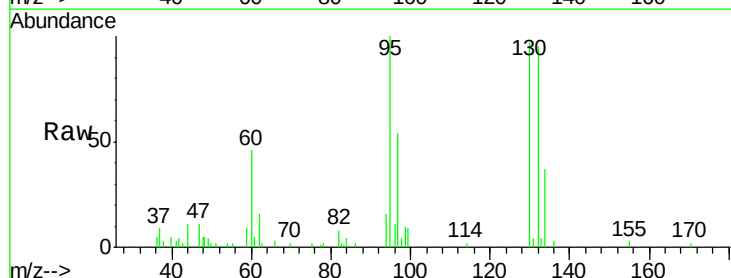
Acq: 18 Sep 2019 13:05

Tgt Ion:130 Resp: 7542

Ion Ratio Lower Upper

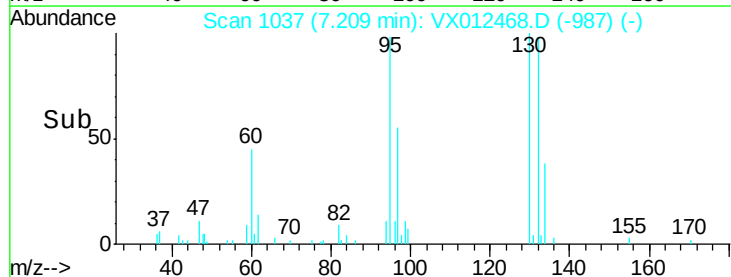
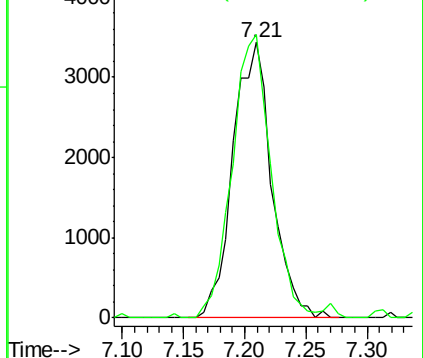
130 100

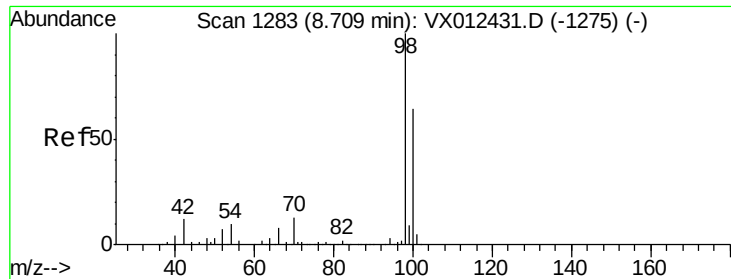
95 102.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

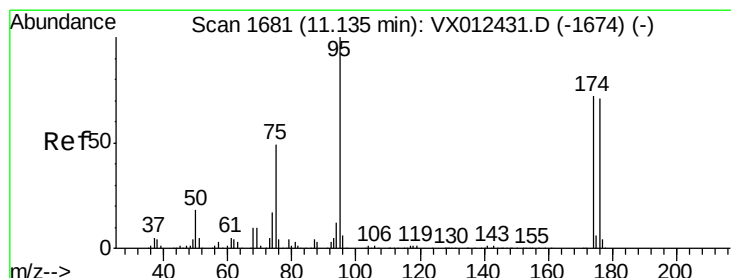
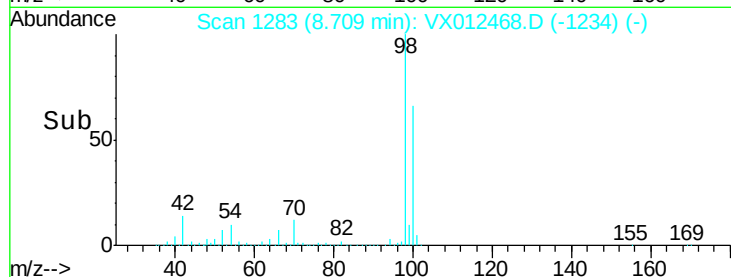
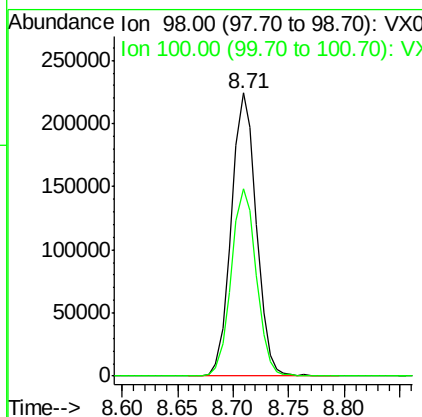
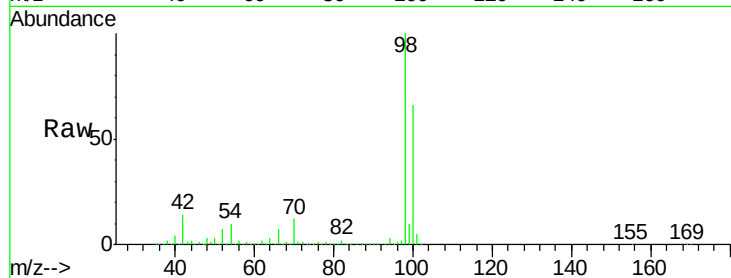




#50
Toluene-d8
Concen: 52.074 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012468.D
Acq: 18 Sep 2019 13:05

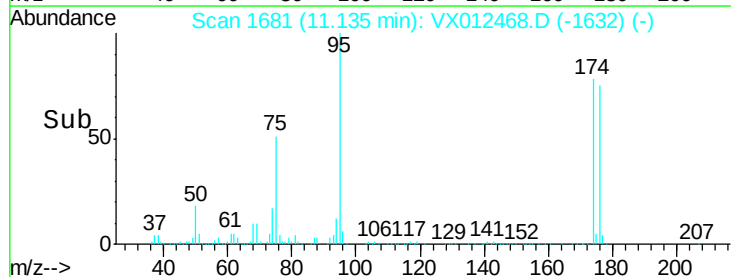
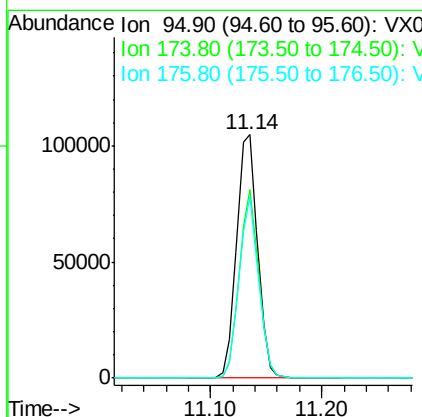
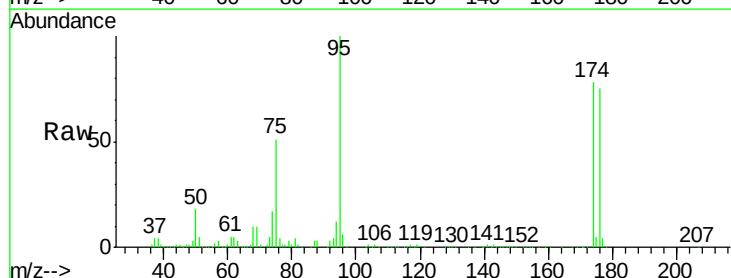
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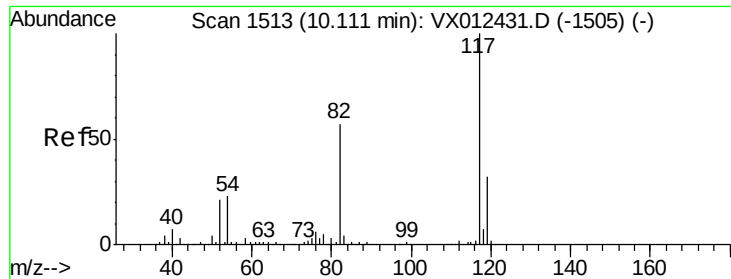
Tot Ion: 98 Resp: 349403
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 49.181 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012468.D
Acq: 18 Sep 2019 13:05

Tgt Ion: 95 Resp: 137016
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.0
176 69.6 0.0 135.4

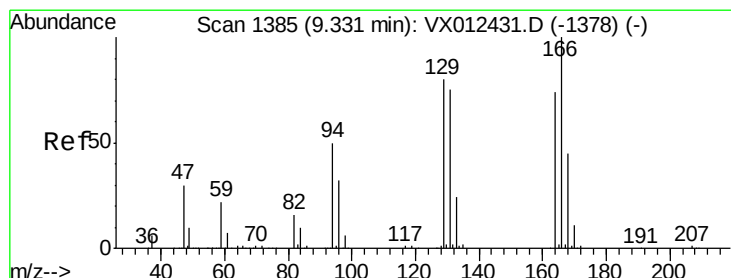
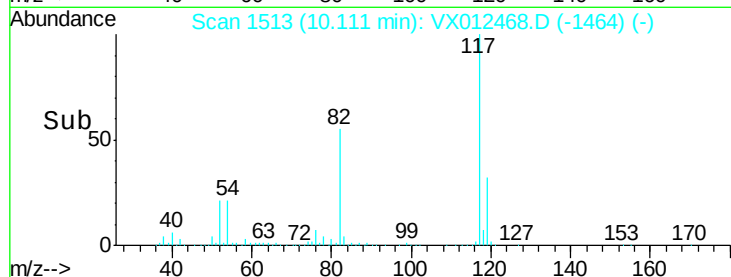
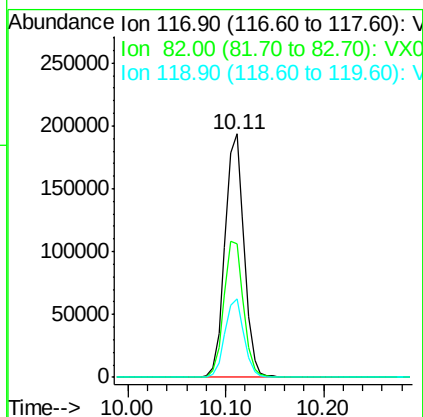
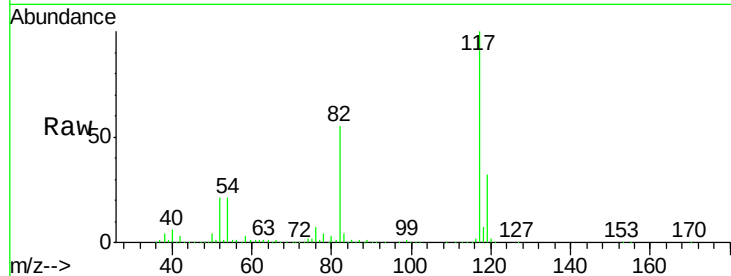




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012468.D
Acq: 18 Sep 2019 13:05

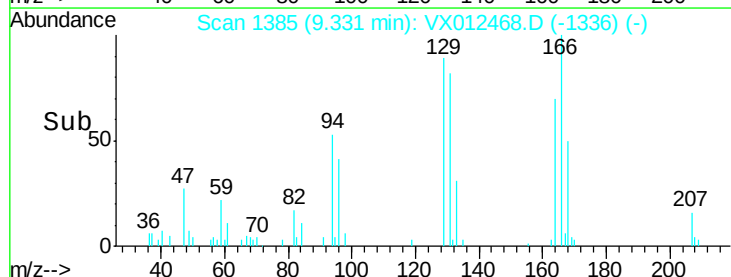
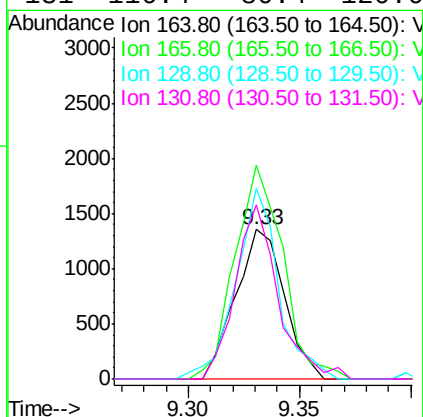
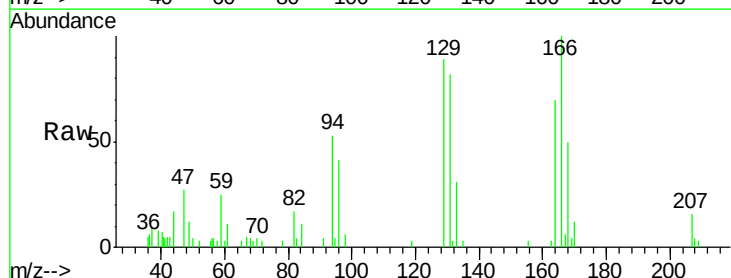
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

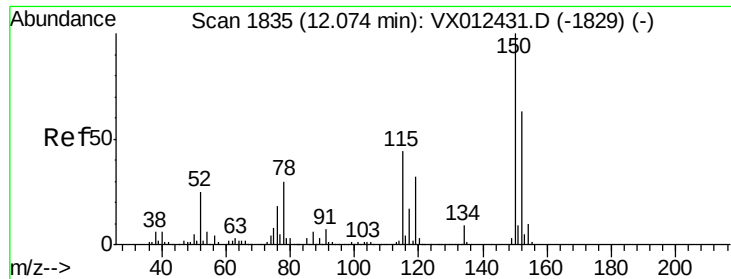
Tot Ion:117 Resp: 263043
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 1.712 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012468.D
Acq: 18 Sep 2019 13:05

Tgt Ion:164 Resp: 2064
Ion Ratio Lower Upper
164 100
166 142.8 107.8 161.6
129 127.4 86.2 129.2
131 116.4 80.4 120.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012468.D

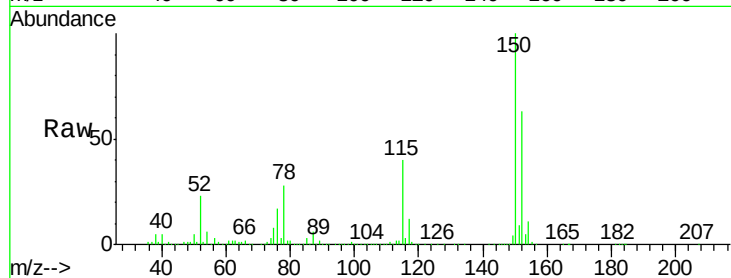
Acq: 18 Sep 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20190910DL



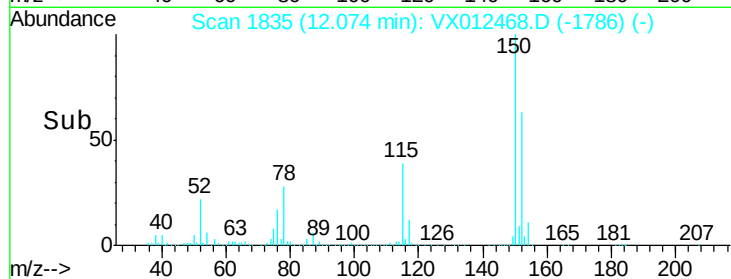
Tot Ion:152 Resp: 120749

Ion Ratio Lower Upper

152 100

115 62.6 44.1 132.3

150 158.1 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

