

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014055.D
 Acq On : 17 Dec 2019 16:36
 Operator : JC/SP
 Sample : K6251-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20191206

Quant Time: Dec 18 07:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

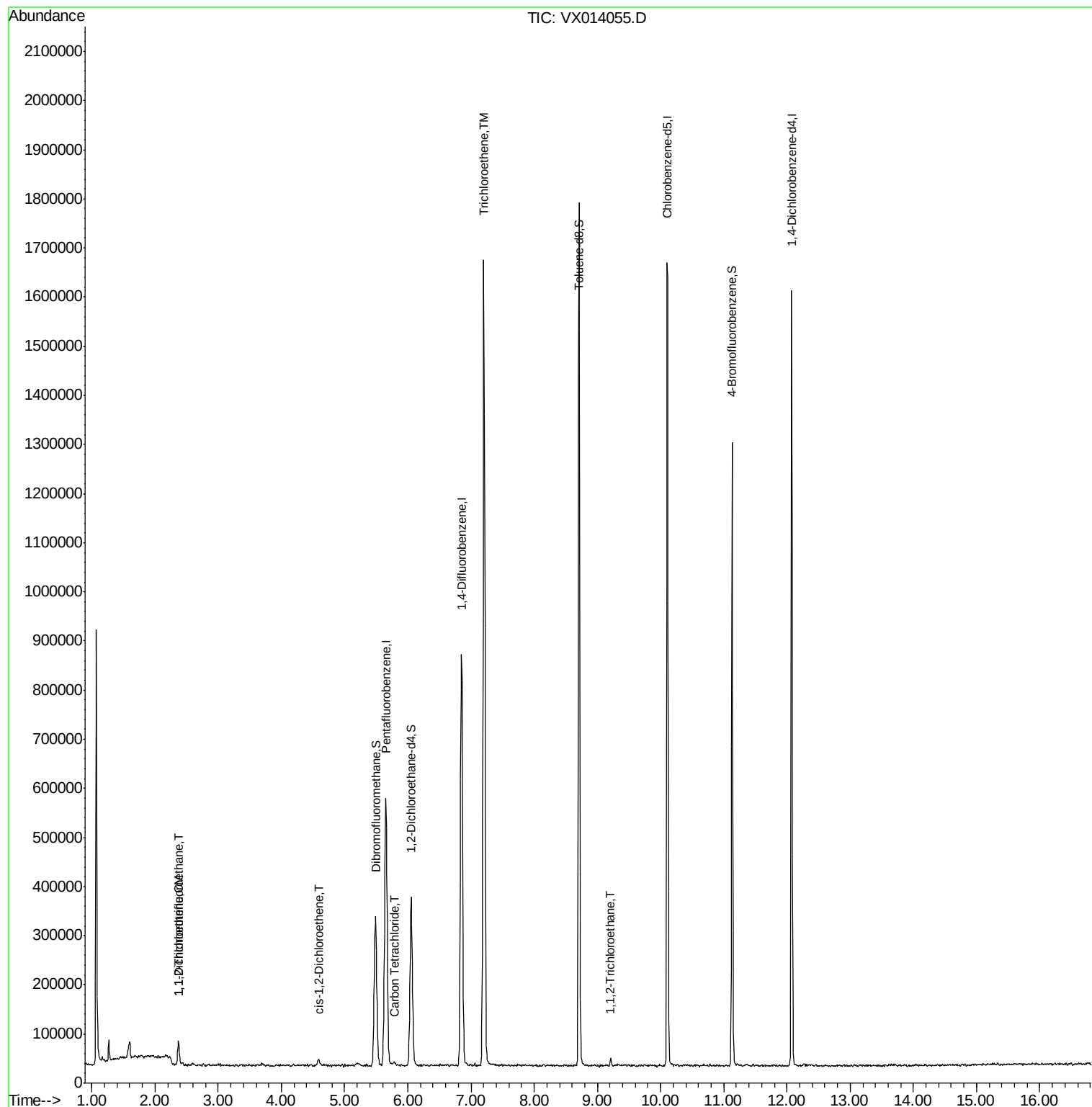
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	569191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	864850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	767290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	322915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	317568	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.49	113	258207	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	8.71	98	1025371	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	331224	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	13434	2.497	ug/l	98
12) 1,1-Dichloroethene	2.37	96	10196	1.862	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	7317	1.073	ug/l	86
38) Carbon Tetrachloride	5.78	117	6147	0.850	ug/l #	91
44) Trichloroethene	7.20	130	645653	95.737	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	4969	0.803	ug/l #	92

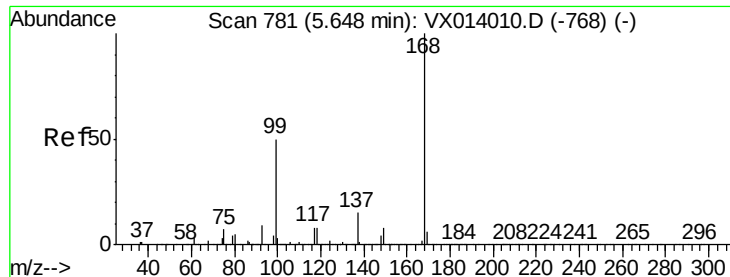
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 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: VX014055.D

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Instrument :

MSVOA_X

ClientSampleId :

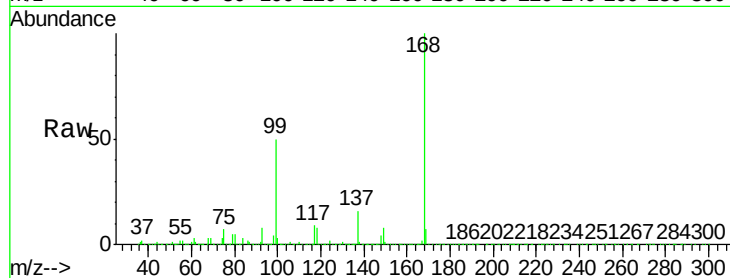
DUP04-20191206

Tot Ion:168 Resp: 569191

Ion Ratio Lower Upper

168 100

99 50.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

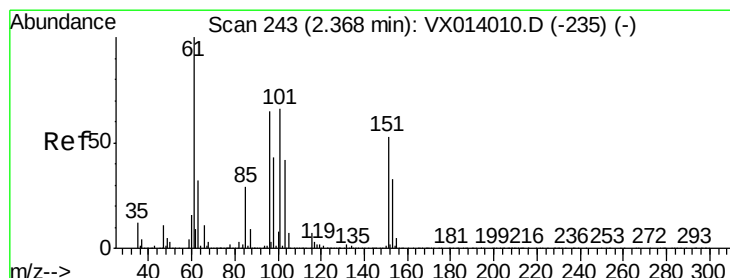
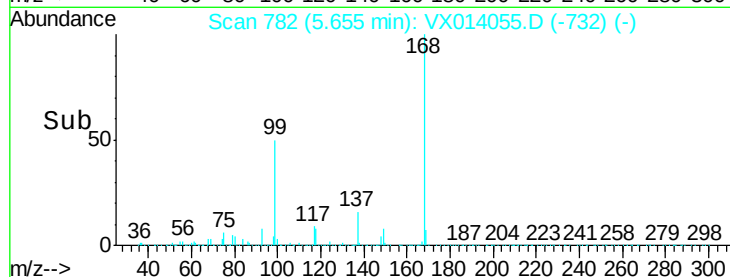
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.497 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014055.D

Acq: 17 Dec 2019 16:36

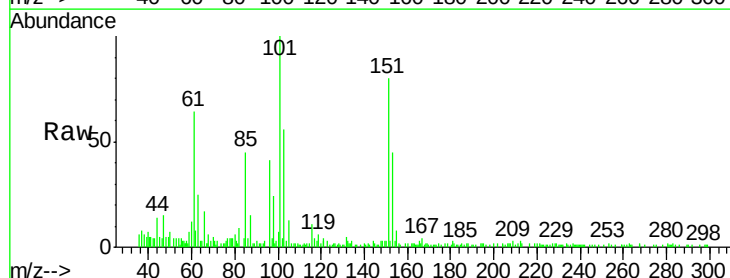
Tgt Ion:101 Resp: 13434

Ion Ratio Lower Upper

101 100

85 43.2 33.7 50.5

151 78.4 64.5 96.7



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

8000

6000

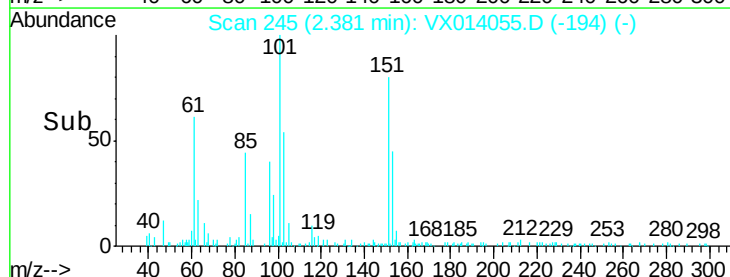
4000

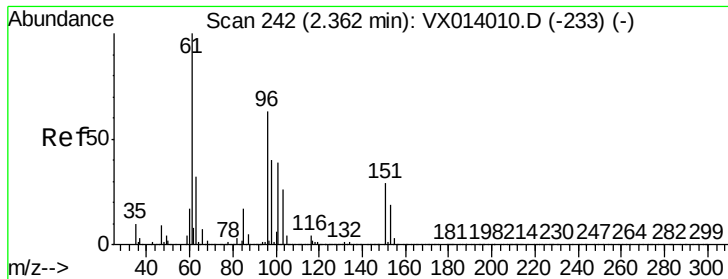
2000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 1.862 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014055.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20191206

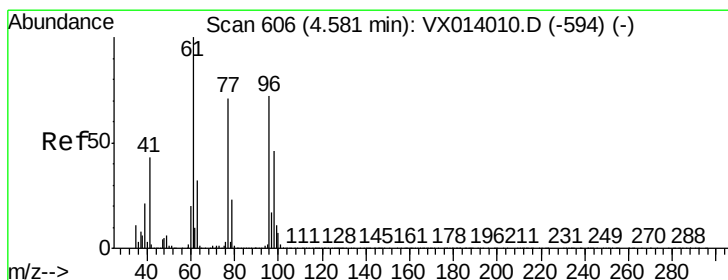
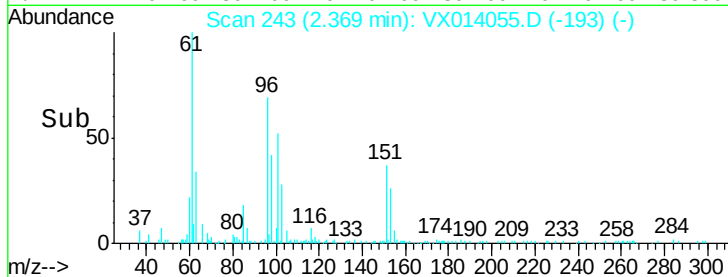
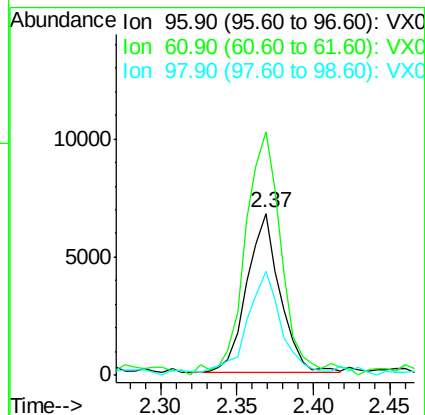
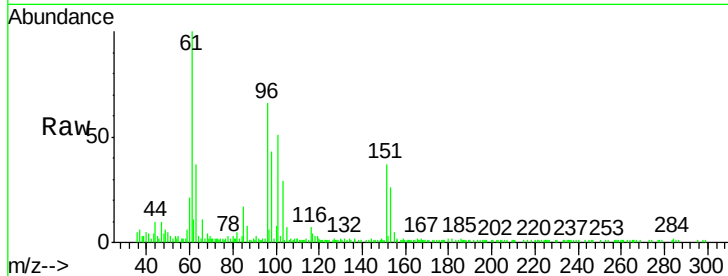
Tot Ion: 96 Resp: 10196

Ion Ratio Lower Upper

96 100

61 153.2 127.9 191.9

98 62.3 50.5 75.7



#27

cis-1,2-Dichloroethene

Concen: 1.073 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX014055.D

Acq: 17 Dec 2019 16:36

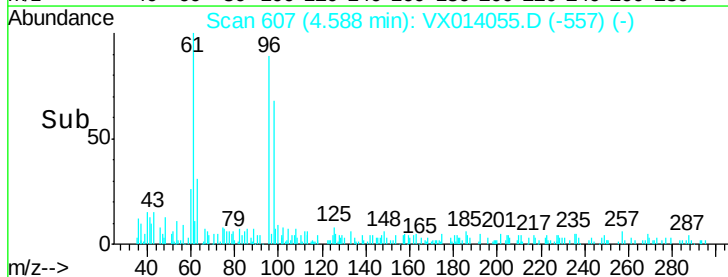
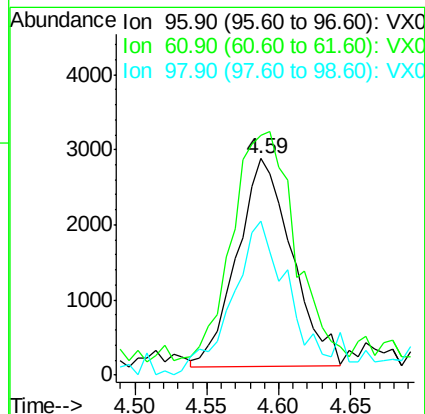
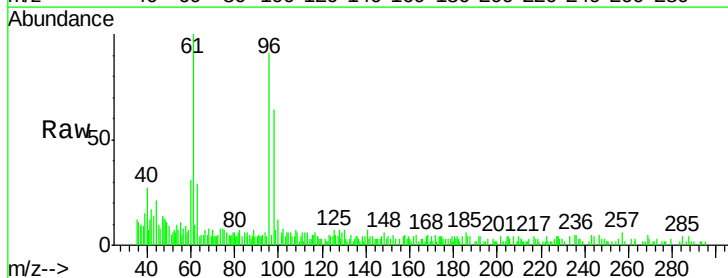
Tgt Ion: 96 Resp: 7317

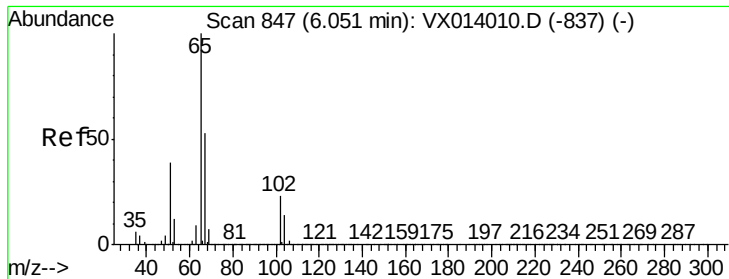
Ion Ratio Lower Upper

96 100

61 127.9 0.0 288.4

98 76.1 0.0 129.6

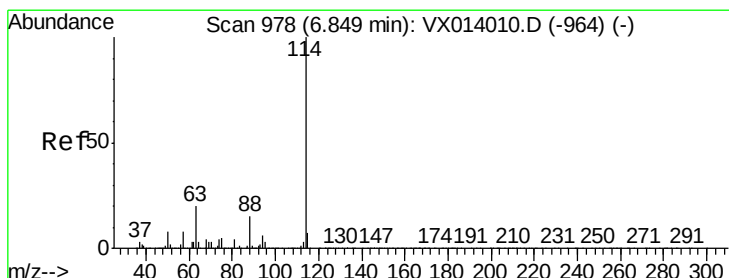
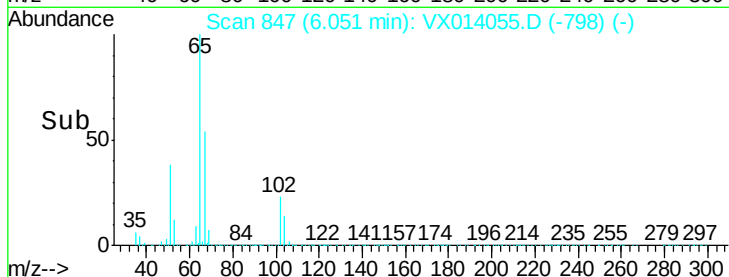
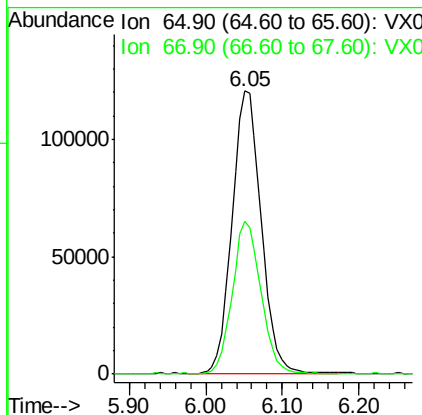
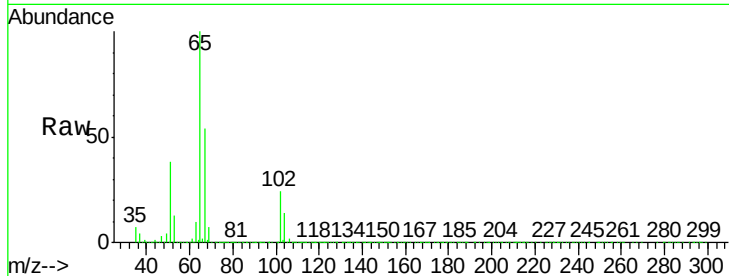




#33
 1,2-Dichloroethane-d4
 Concen: 49.228 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014055.D
 Acq: 17 Dec 2019 16:36

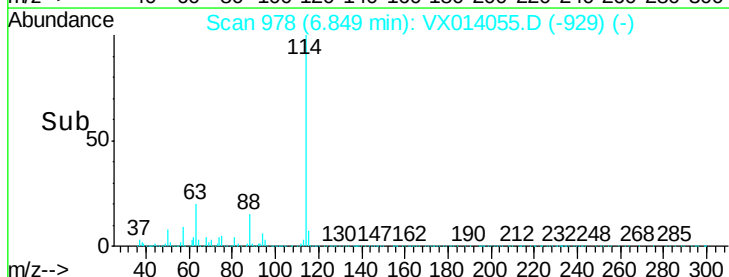
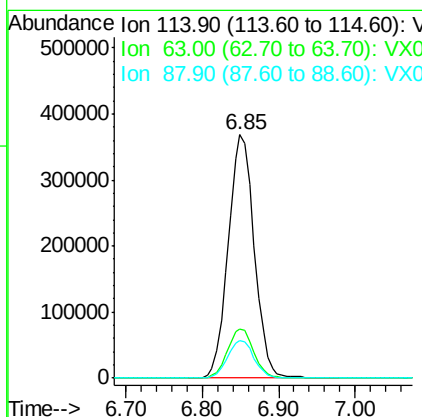
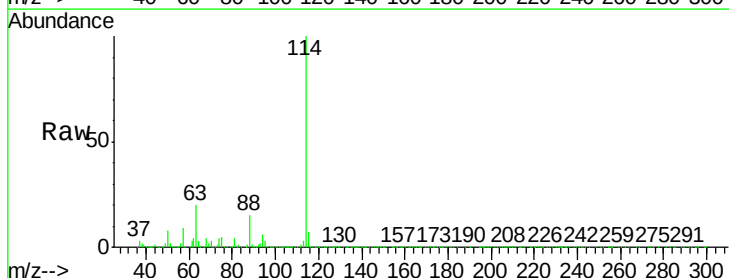
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20191206

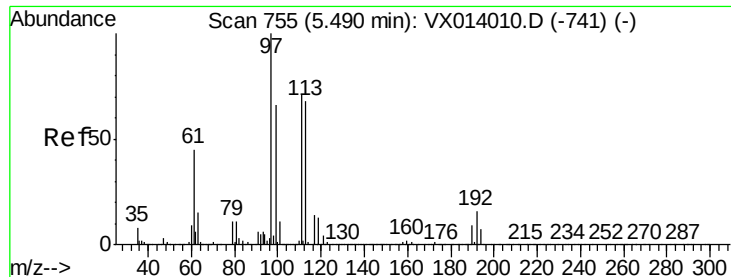
Tot Ion: 65 Resp: 317568
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014055.D
 Acq: 17 Dec 2019 16:36

Tgt Ion: 114 Resp: 864850
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.3 0.0 30.4

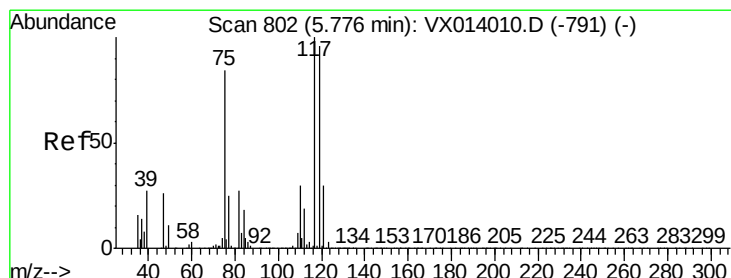
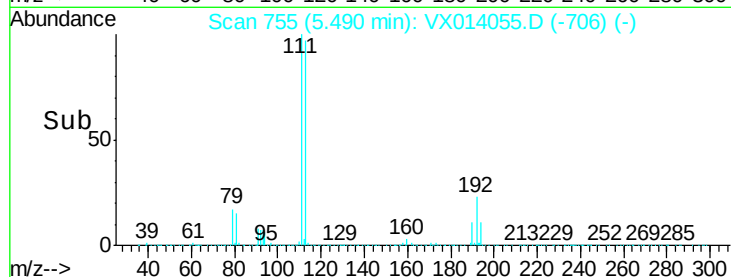
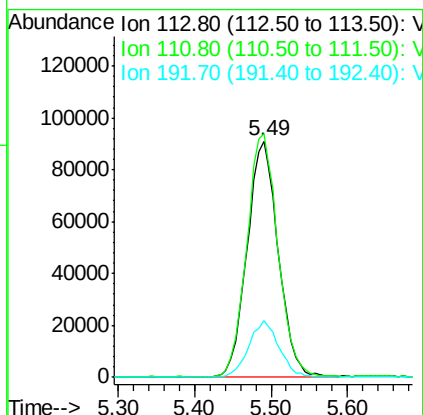
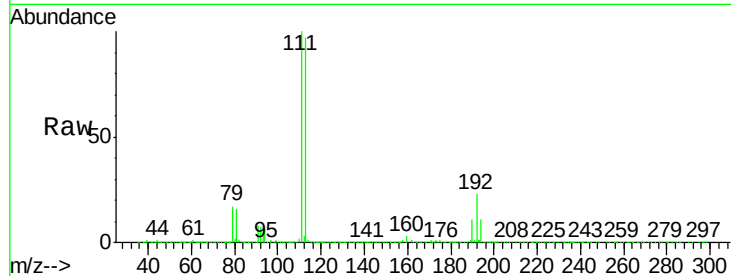




#35
Dibromofluoromethane
Concen: 49.114 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014055.D
Acq: 17 Dec 2019 16:36

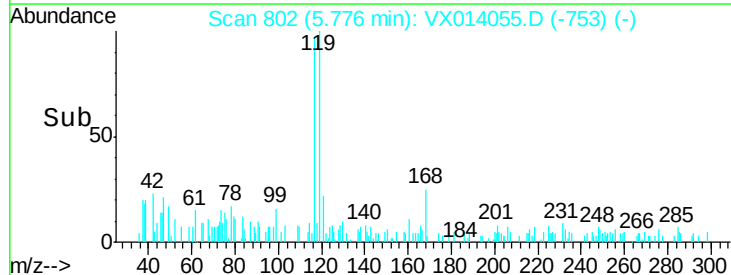
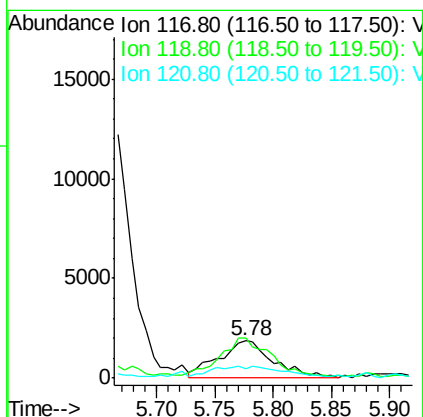
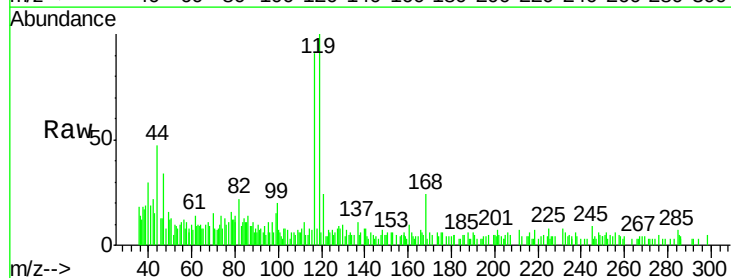
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20191206

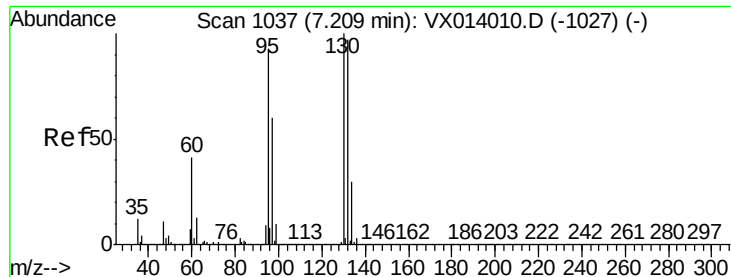
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.6	19.3	28.9



#38
Carbon Tetrachloride
Concen: 0.850 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014055.D
Acq: 17 Dec 2019 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.6	76.2	114.4
121	21.5	23.6	35.4#





#44

Trichloroethene

Concen: 95.737 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014055.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

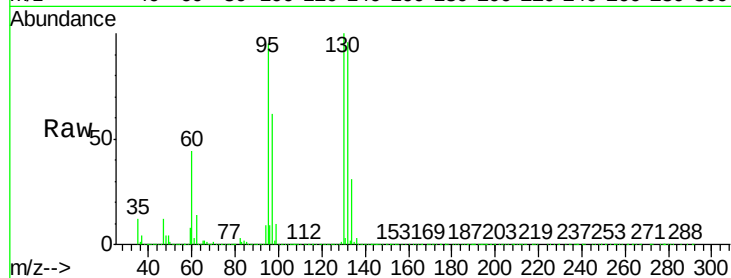
DUP04-20191206

Tot Ion:130 Resp: 645653

Ion Ratio Lower Upper

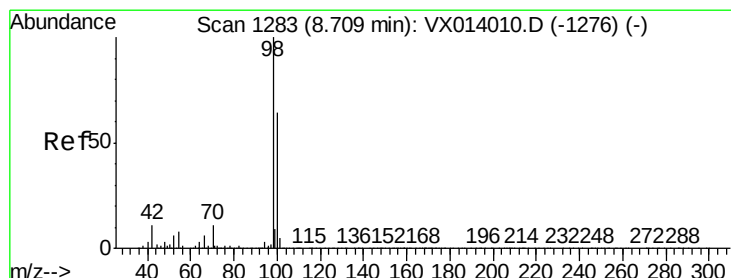
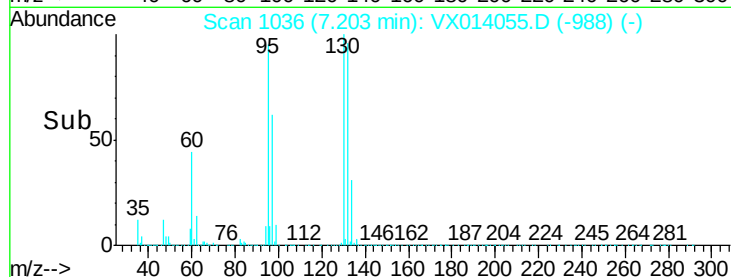
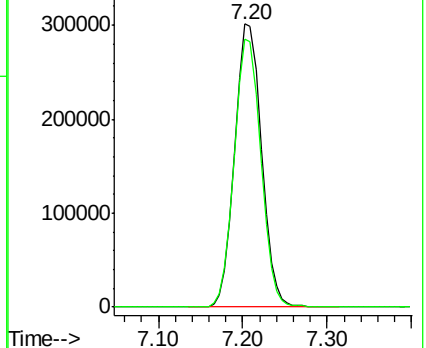
130 100

95 94.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.096 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014055.D

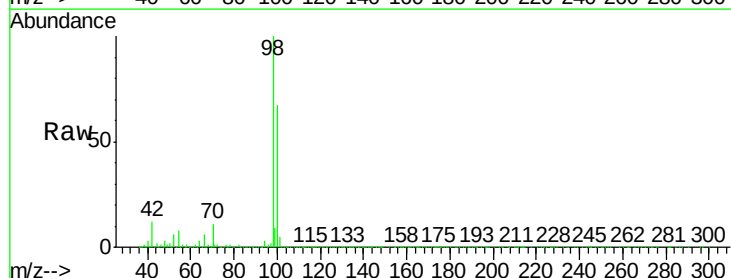
Acq: 17 Dec 2019 16:36

Tgt Ion: 98 Resp: 1025371

Ion Ratio Lower Upper

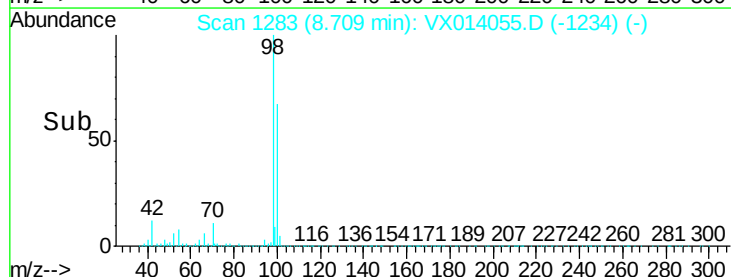
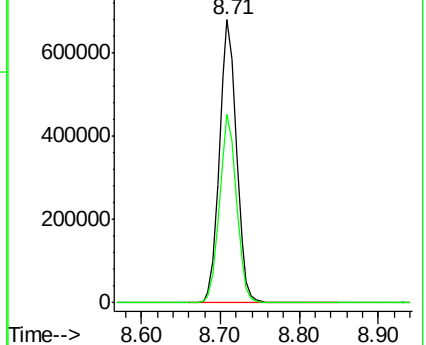
98 100

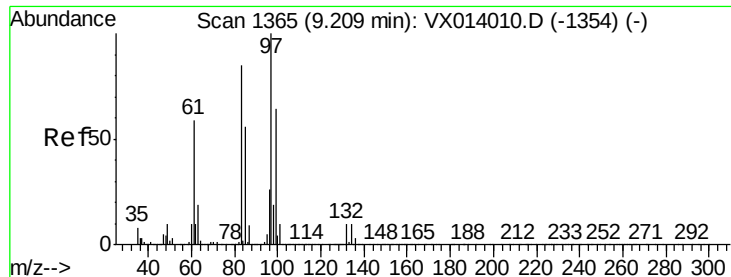
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.803 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014055.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20191206

Tot Ion: 97 Resp: 4969

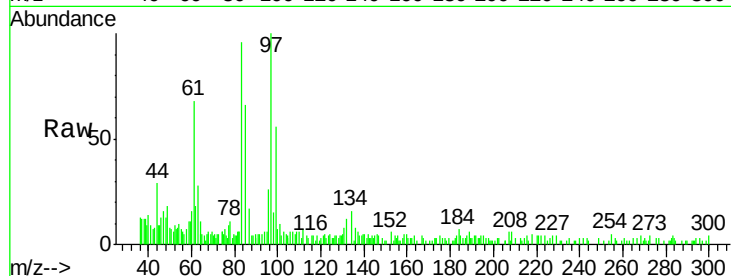
Ion Ratio Lower Upper

97 100

83 85.9 68.2 102.4

85 61.4 44.6 66.8

99 49.3 51.4 77.0#

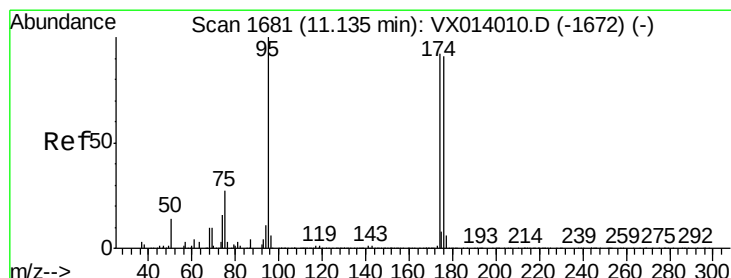
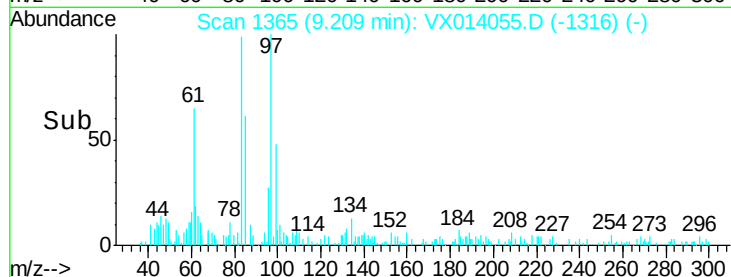
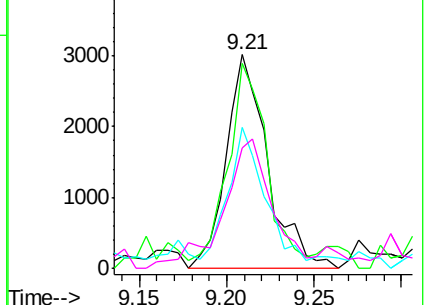


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 44.269 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014055.D

Acq: 17 Dec 2019 16:36

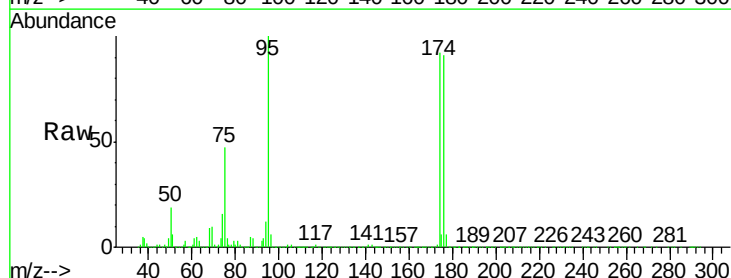
Tgt Ion: 95 Resp: 331224

Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.8

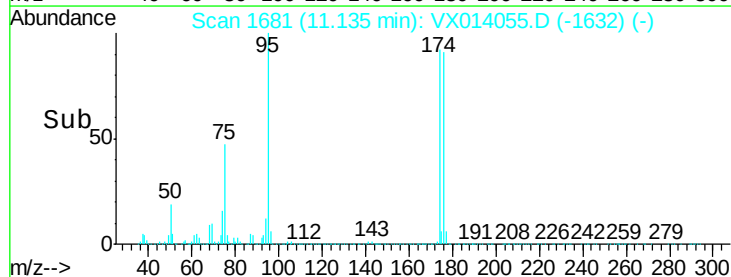
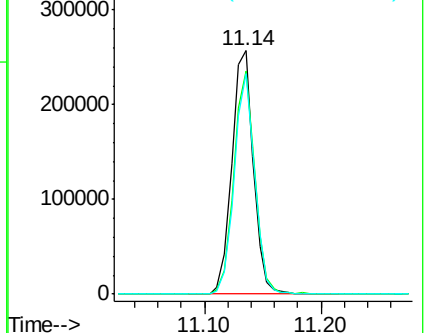
176 86.4 0.0 173.0

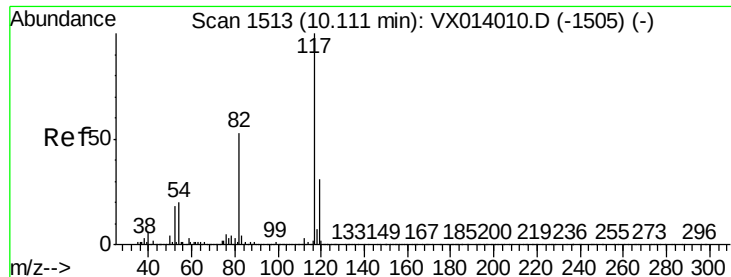


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

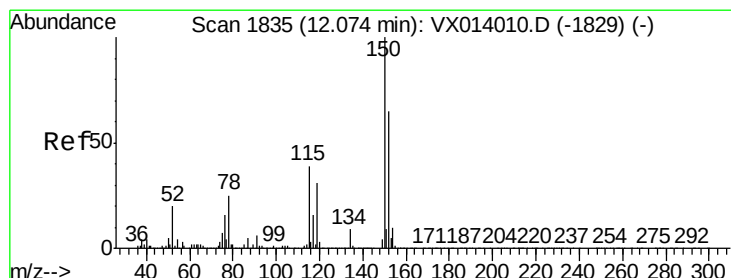
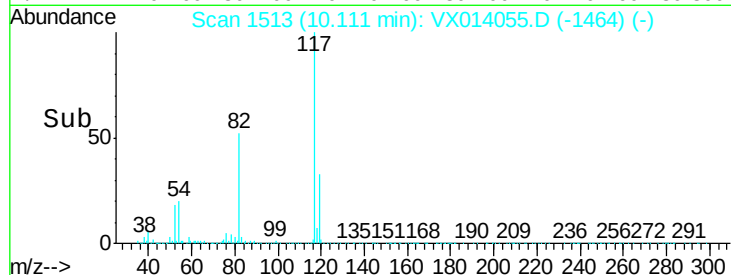
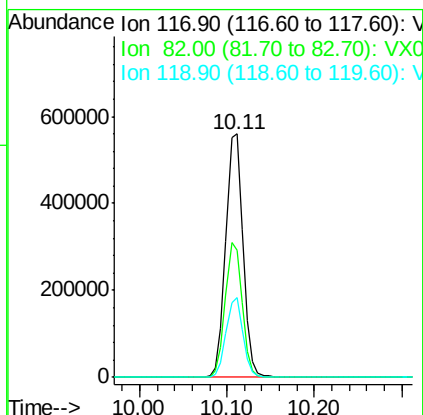
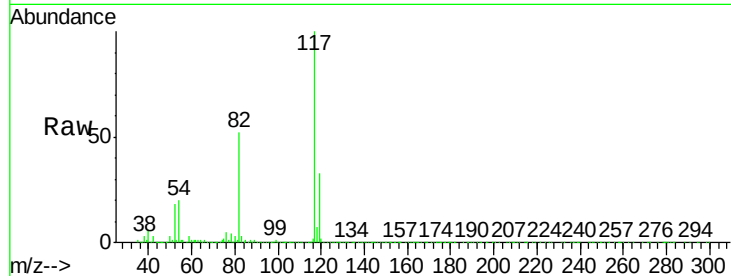




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014055.D
Acq: 17 Dec 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20191206

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	32.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014055.D
Acq: 17 Dec 2019 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.3	114.9
150	157.2	0.0	345.4

