

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015169.D
 Acq On : 10 Mar 2020 14:34
 Operator : JC/SP
 Sample : L1842-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20200305

Quant Time: Mar 11 08:37:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

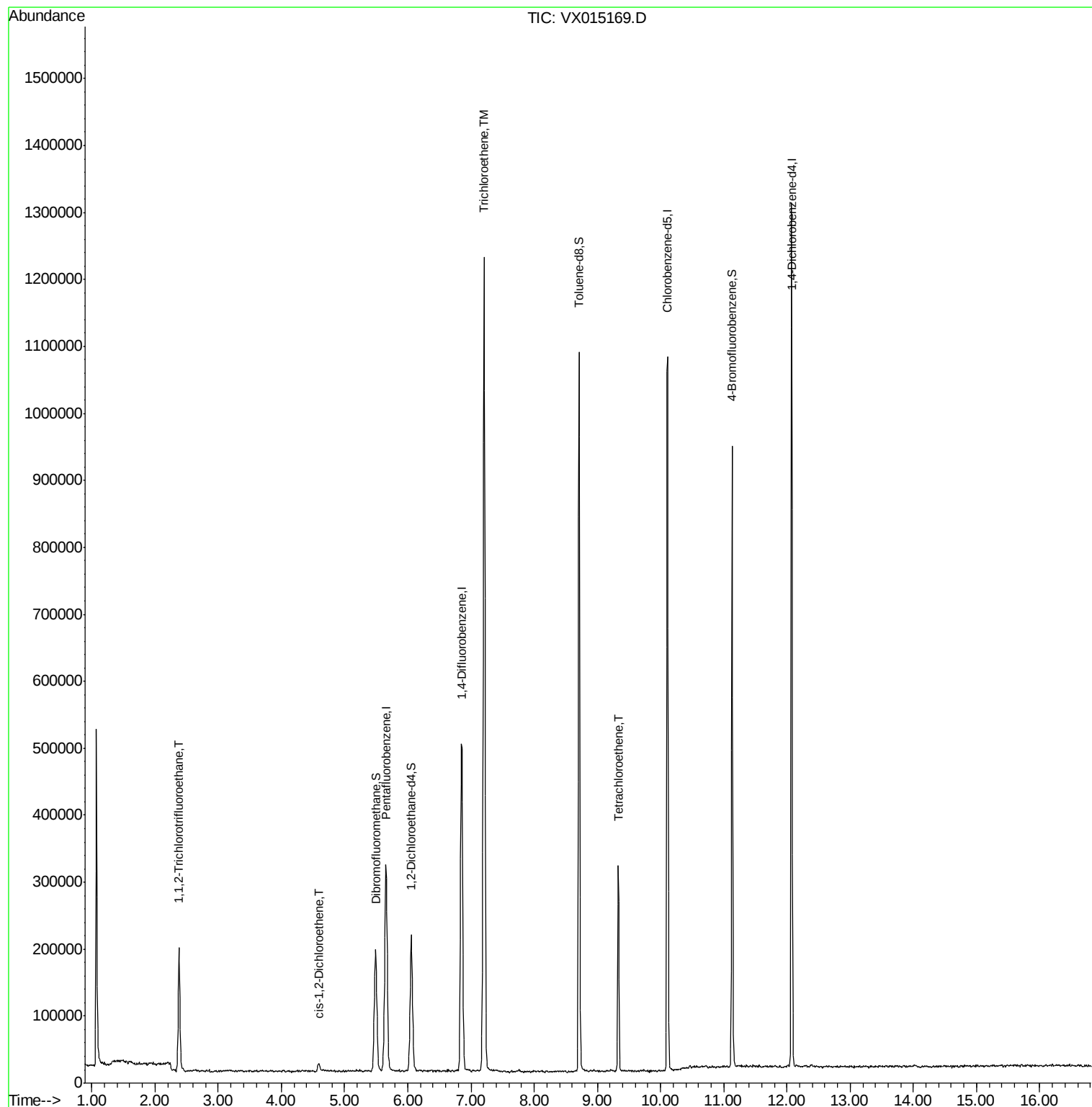
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	317331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	511298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	514952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	183091	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	158158	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	629902	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	240120	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74567	24.956	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	8018	2.171	ug/l	82
44) Trichloroethene	7.21	130	484184	123.976	ug/l	99
64) Tetrachloroethene	9.33	164	63874	15.002	ug/l	98

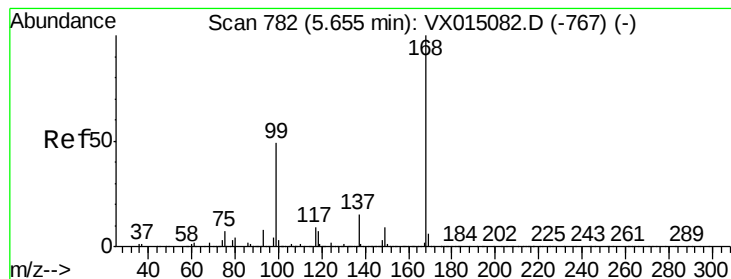
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015169.D

Acq: 10 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

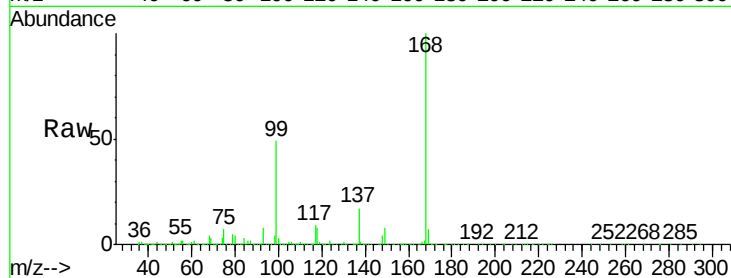
DUP02-20200305

Tot Ion:168 Resp: 317331

Ion Ratio Lower Upper

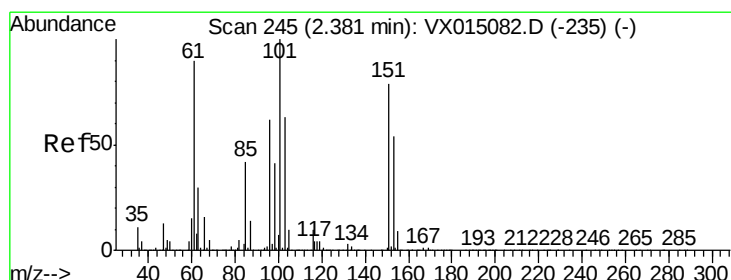
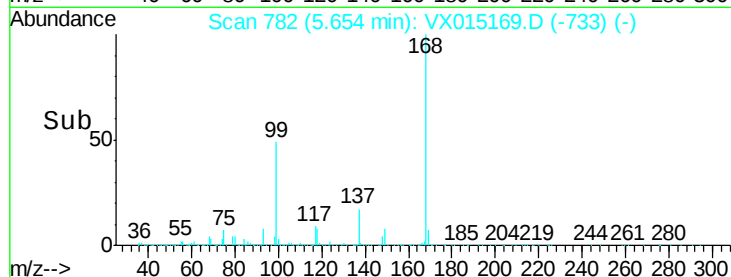
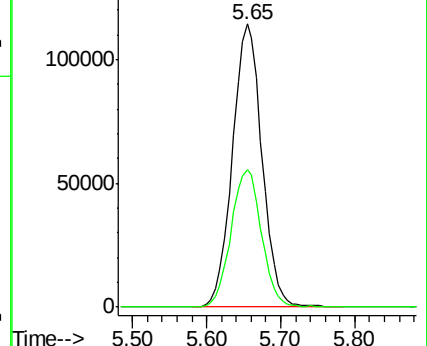
168 100

99 48.5 39.4 59.2



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: 24.956 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015169.D

Acq: 10 Mar 2020 14:34

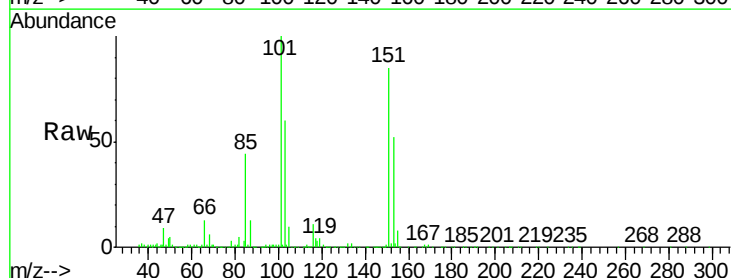
Tgt Ion:101 Resp: 74567

Ion Ratio Lower Upper

101 100

85 43.7 33.7 50.5

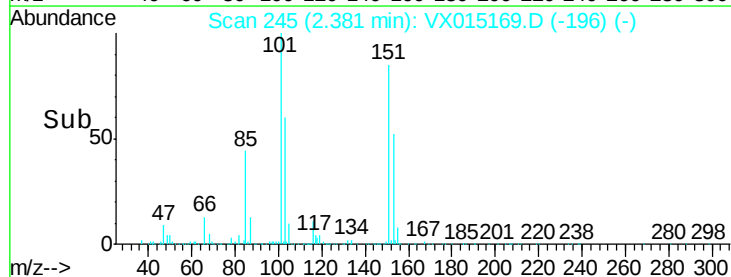
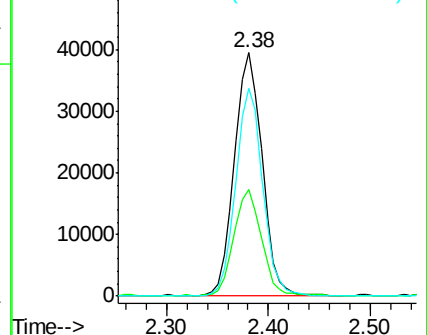
151 82.7 64.0 96.0

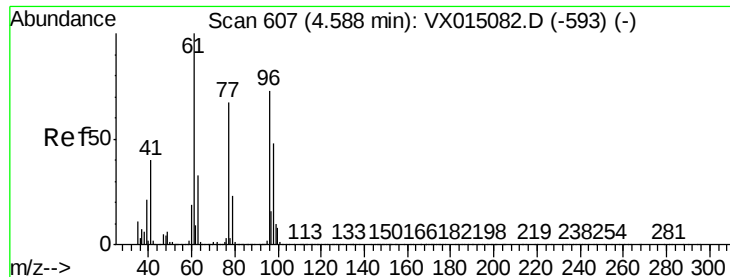


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



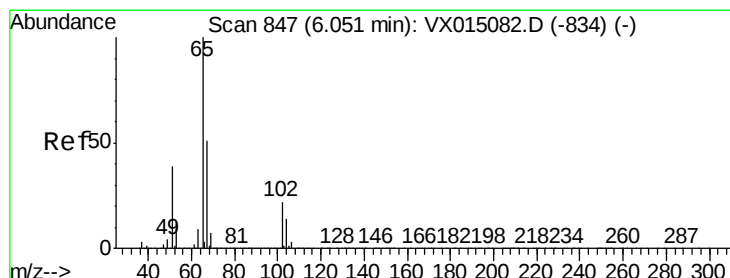
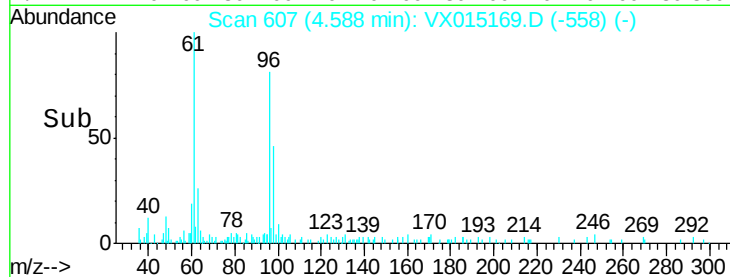
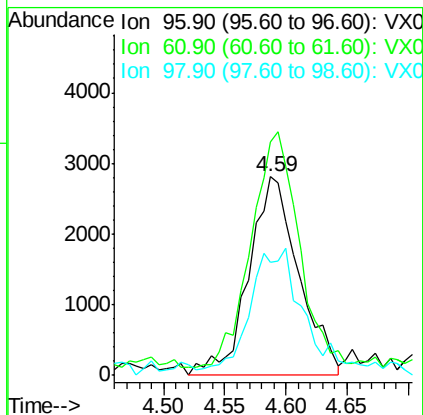
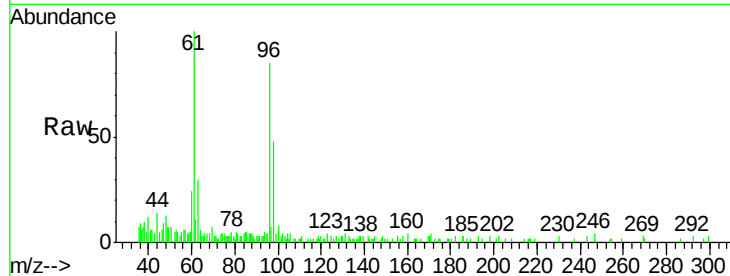


#27

cis-1,2-Dichloroethene
Concen: 2.171 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015169.D
Acq: 10 Mar 2020 14:34

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200305

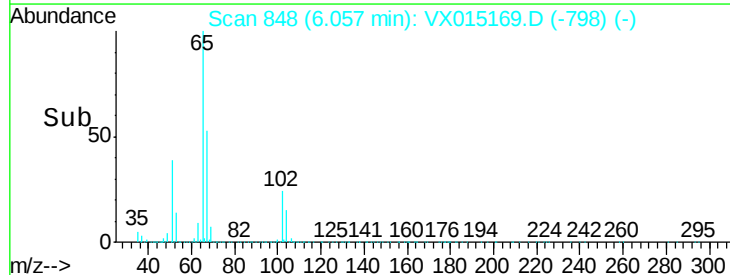
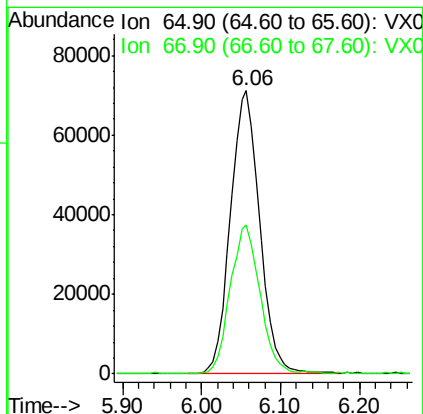
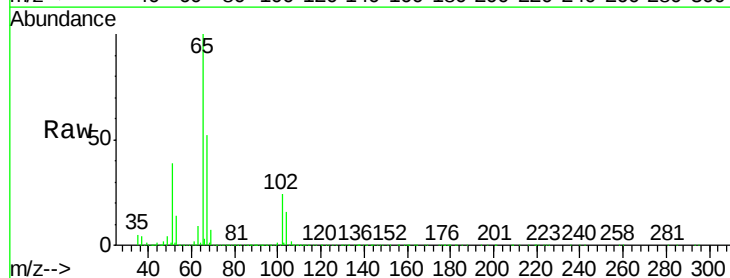
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.6	0.0	286.8
98	60.1	0.0	128.4

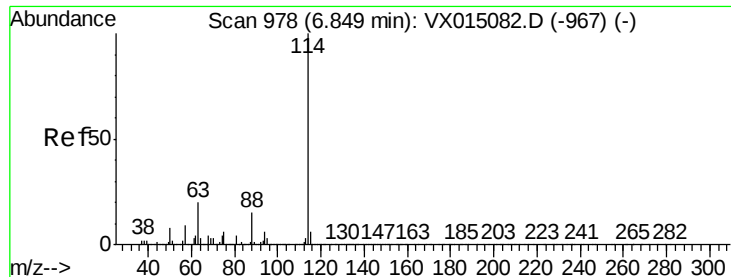


#33

1,2-Dichloroethane-d4
Concen: 48.633 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015169.D
Acq: 10 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015169.D

Acq: 10 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20200305

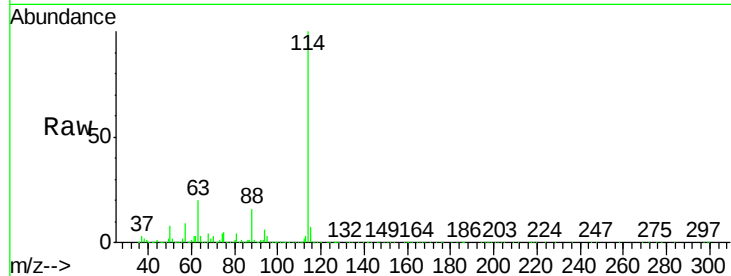
Tot Ion:114 Resp: 511298

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

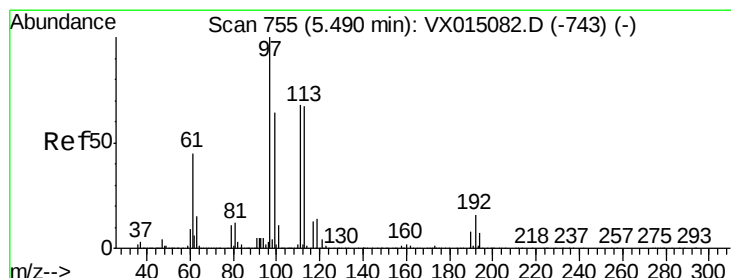
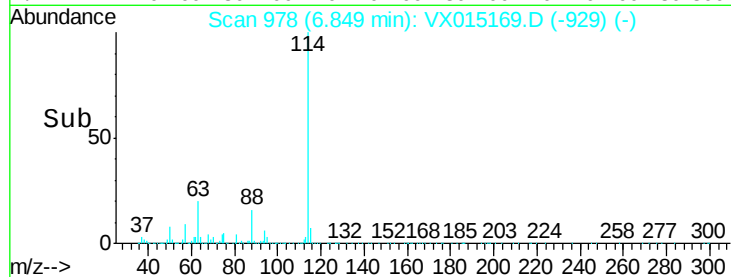
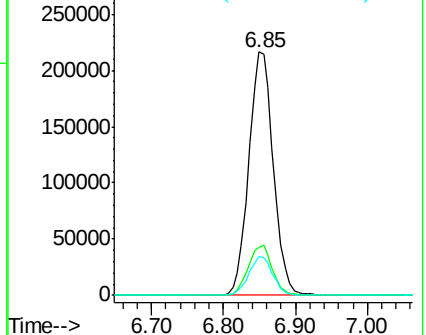
88 15.8 0.0 30.6



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: 49.032 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015169.D

Acq: 10 Mar 2020 14:34

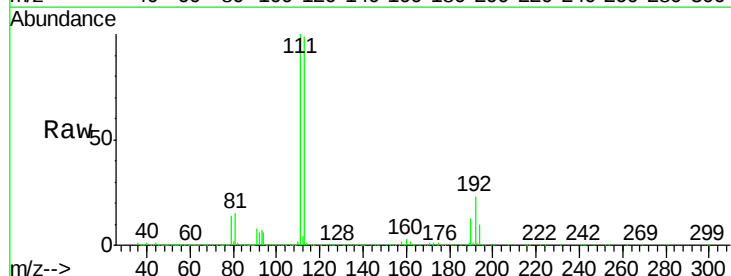
Tgt Ion:113 Resp: 158158

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

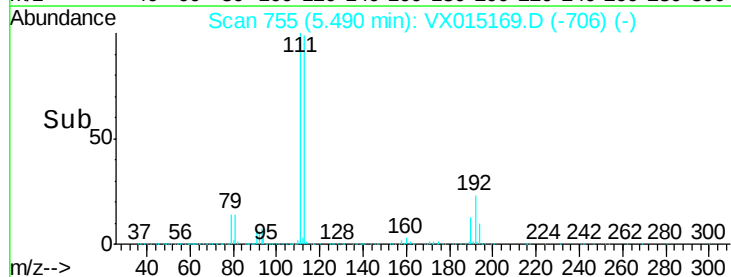
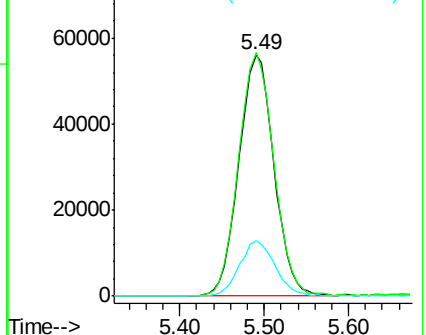
192 23.4 18.6 28.0

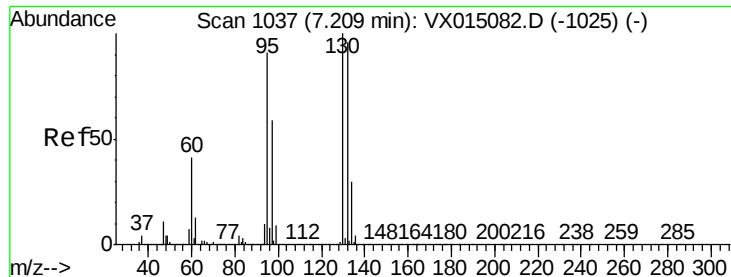


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 123.976 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015169.D

Acq: 10 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

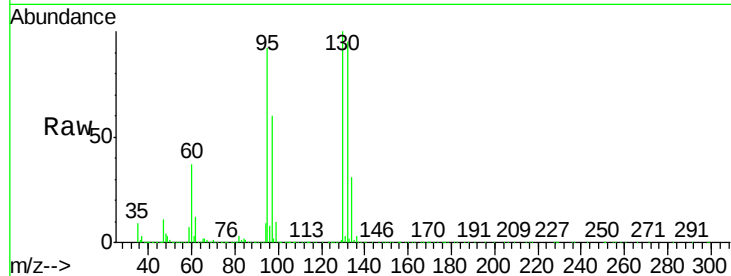
DUP02-20200305

Tot Ion:130 Resp: 484184

Ion Ratio Lower Upper

130 100

95 91.6 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

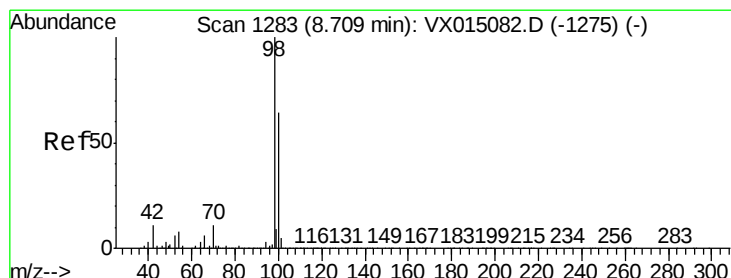
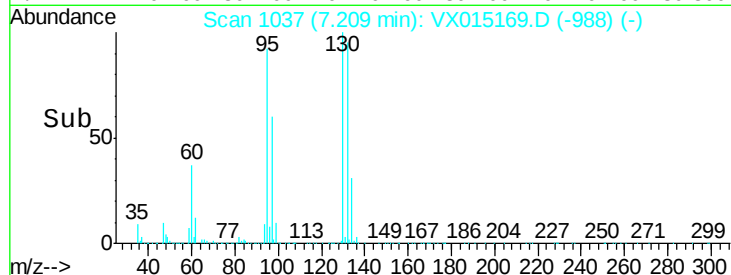
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 51.338 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015169.D

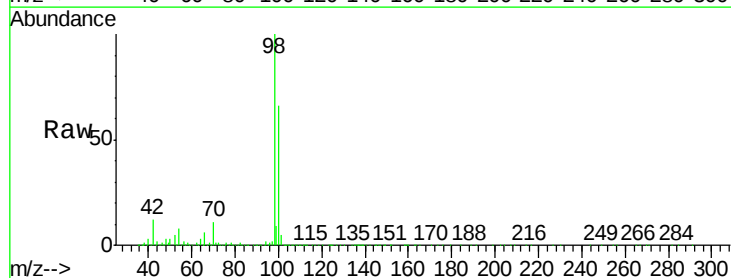
Acq: 10 Mar 2020 14:34

Tgt Ion: 98 Resp: 629902

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

500000

400000

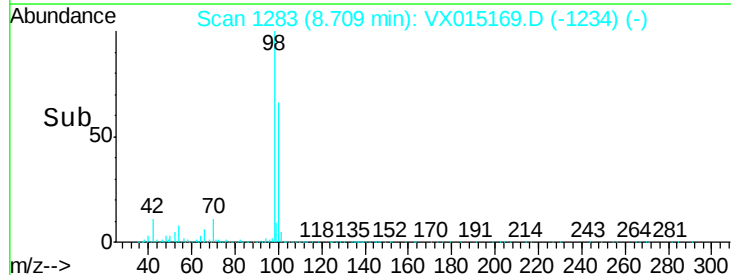
300000

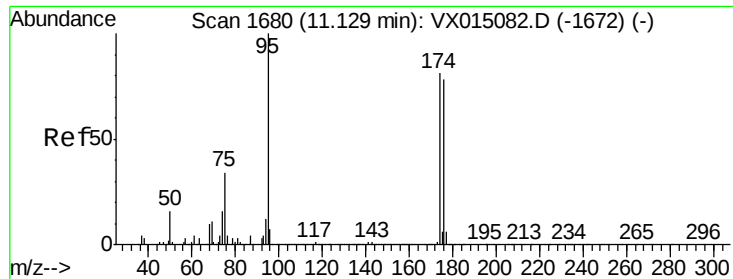
200000

100000

0

Time-->

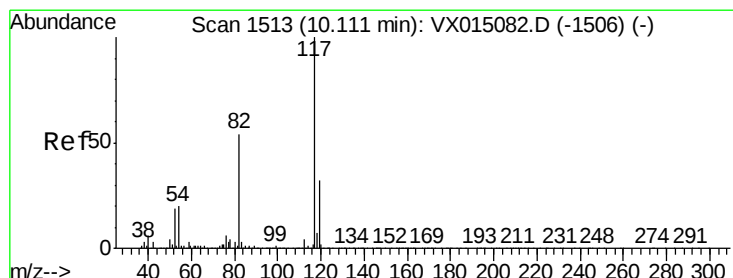
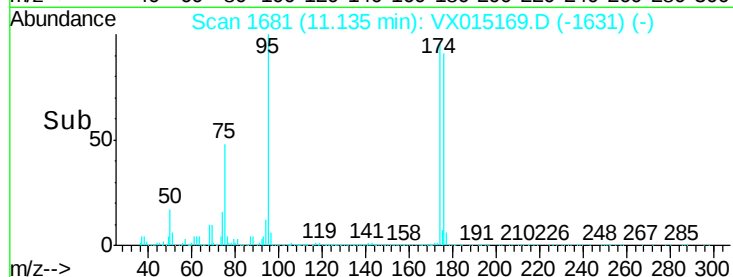
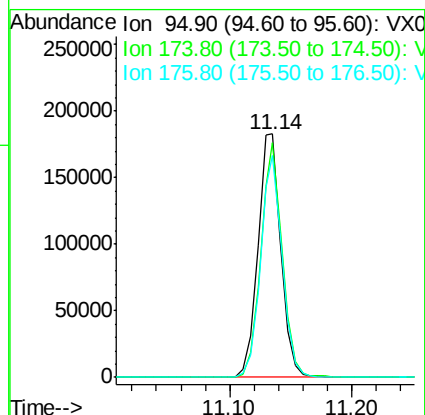
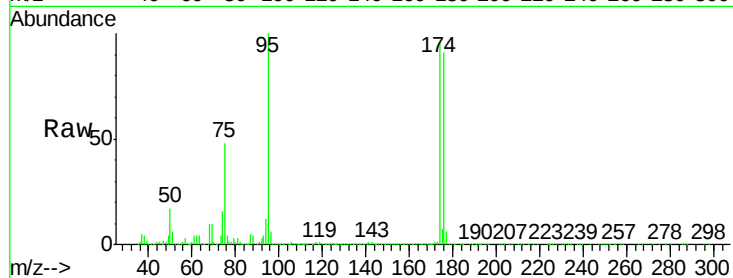




#62
4-Bromofluorobenzene
Concen: 54.866 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015169.D
Acq: 10 Mar 2020 14:34

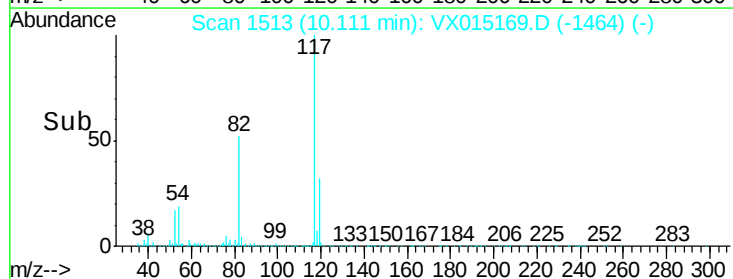
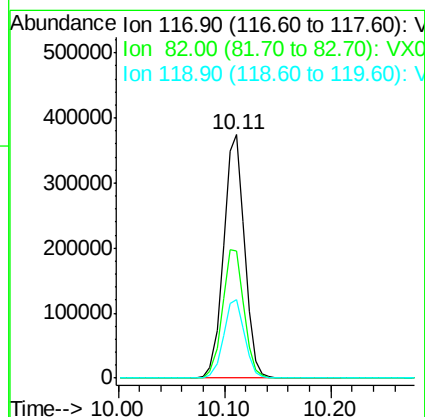
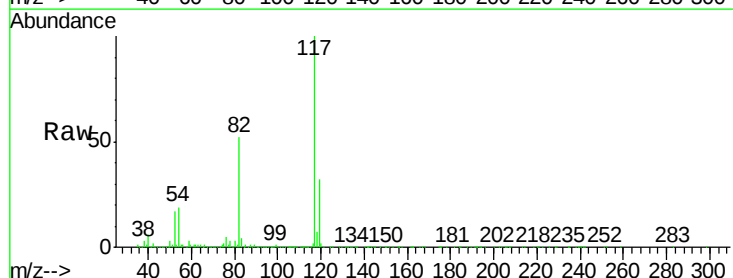
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20200305

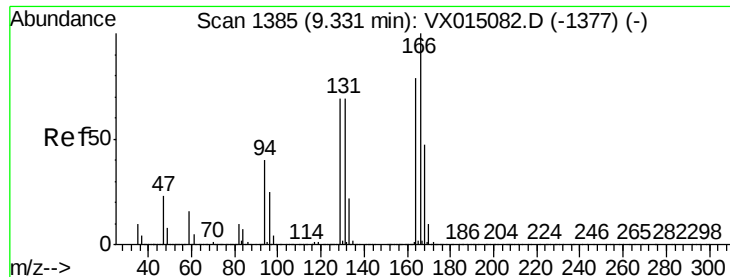
Tot Ion: 95 Resp: 240120
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015169.D
Acq: 10 Mar 2020 14:34

Tgt Ion: 117 Resp: 514952
Ion Ratio Lower Upper
117 100
82 52.3 43.3 64.9
119 32.1 25.8 38.8





#64

Tetrachloroethene

Concen: 15.002 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015169.D

Acq: 10 Mar 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20200305

Tot Ion:164 Resp: 63874

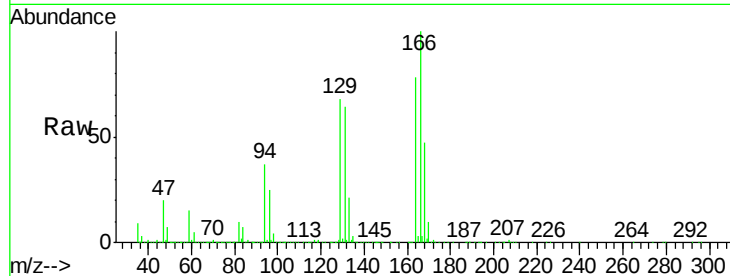
Ion Ratio Lower Upper

164 100

166 128.3 101.1 151.7

129 86.8 69.4 104.0

131 82.1 69.8 104.8

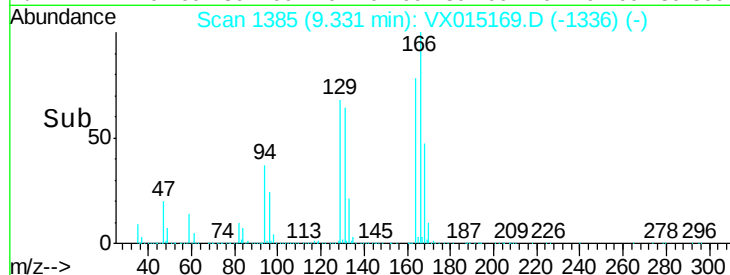


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

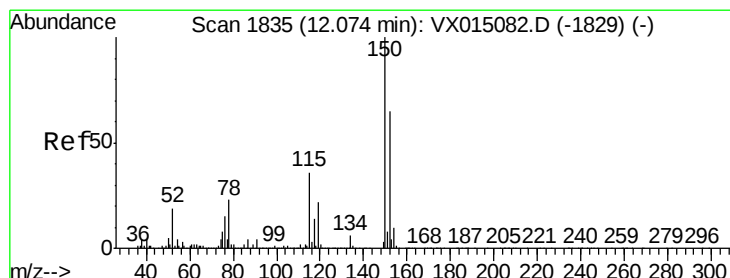
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



9.33

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015169.D

Acq: 10 Mar 2020 14:34

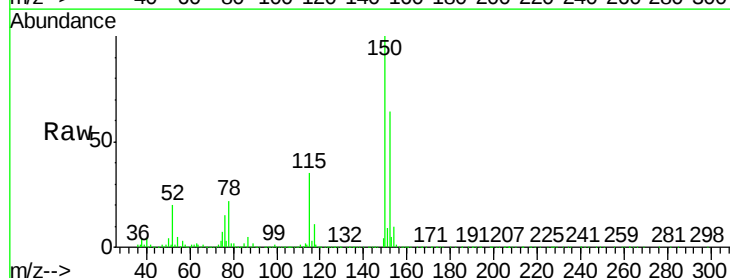
Tgt Ion:152 Resp: 265897

Ion Ratio Lower Upper

152 100

115 56.8 38.2 114.6

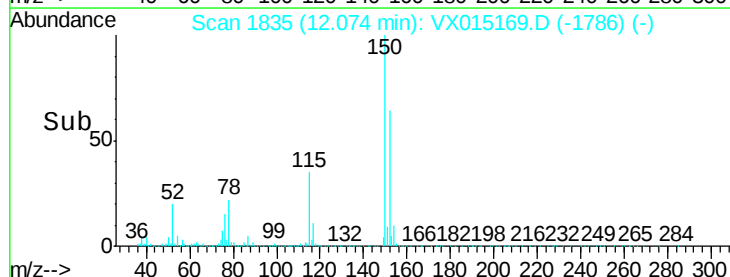
150 157.1 0.0 343.8



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



12.07

Time-->