

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013563.D
 Acq On : 23 Nov 2019 03:36
 Operator : JC/SP
 Sample : K5962-15 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20191120

Quant Time: Nov 25 06:30:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

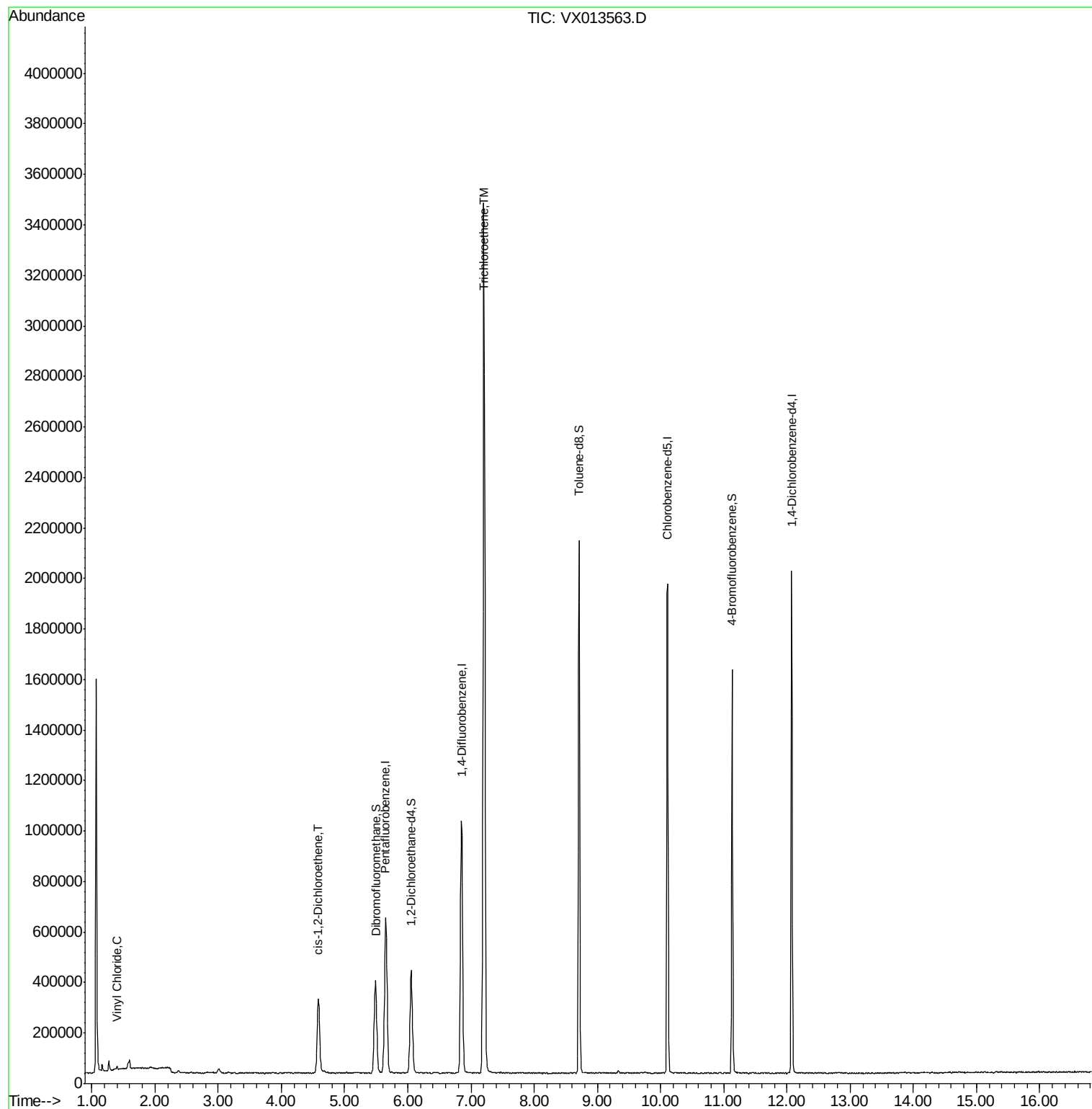
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	638284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1034495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	931541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	380139	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	5.49	113	315381	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	1244302	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	411462	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
4) Vinyl Chloride	1.40	62	7819	0.861	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	194955	27.300	ug/l	87
44) Trichloroethene	7.21	130	1360618	178.804	ug/l	99

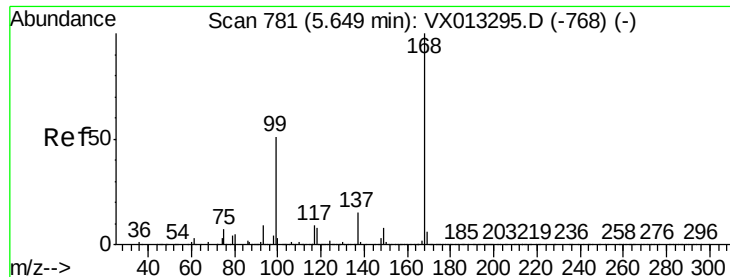
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 23 Nov 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

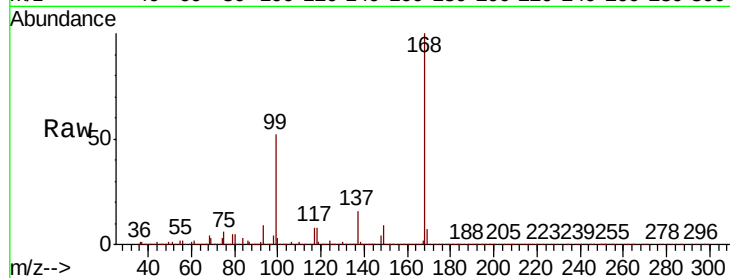
DUP-01-20191120

Tot Ion:168 Resp: 638284

Ion Ratio Lower Upper

168 100

99 52.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

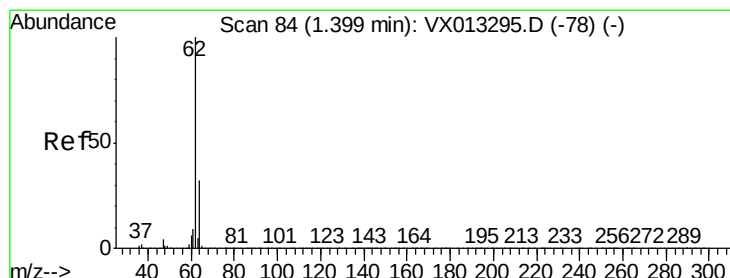
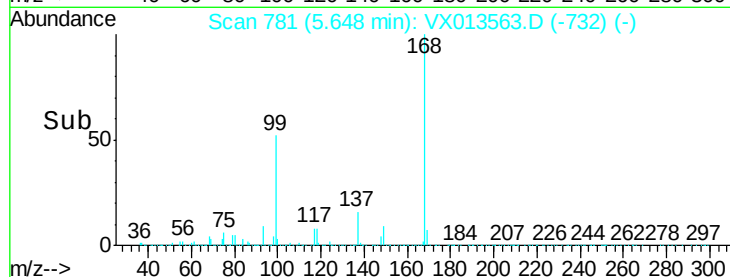
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.861 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013563.D

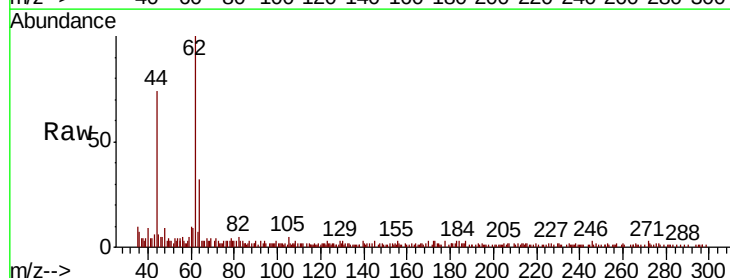
Acq: 23 Nov 2019 03:36

Tgt Ion: 62 Resp: 7819

Ion Ratio Lower Upper

62 100

64 27.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

10000

8000

6000

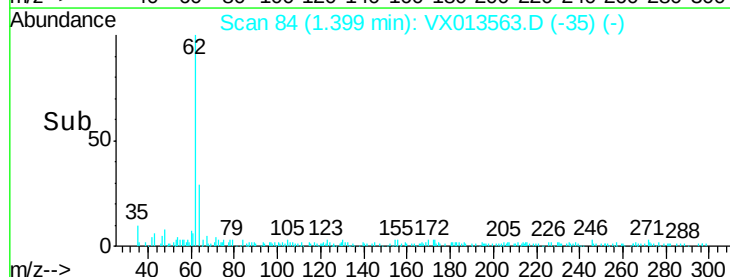
4000

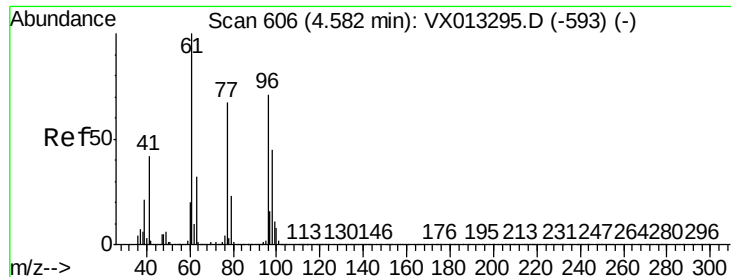
2000

0

Time-->

1.35 1.40 1.45



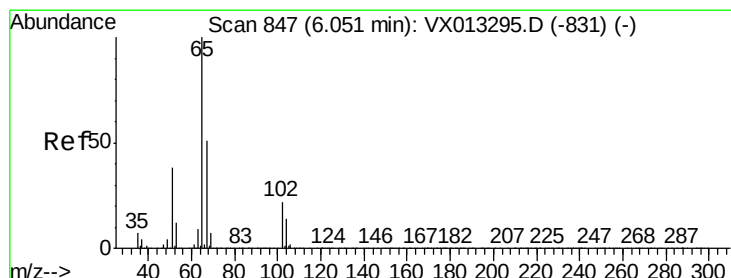
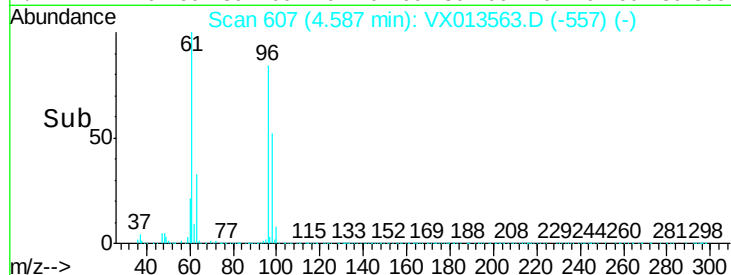
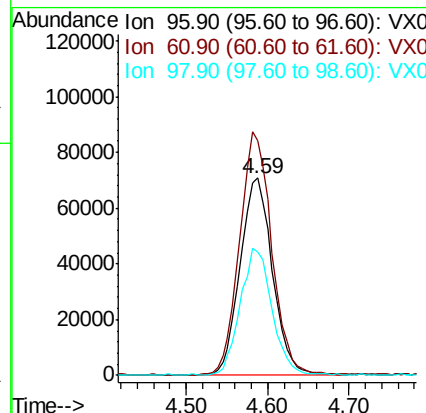
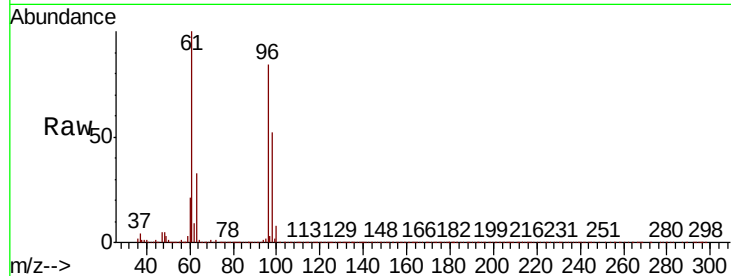


#27

cis-1,2-Dichloroethene
 Concen: 27.300 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013563.D
 Acq: 23 Nov 2019 03:36

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20191120

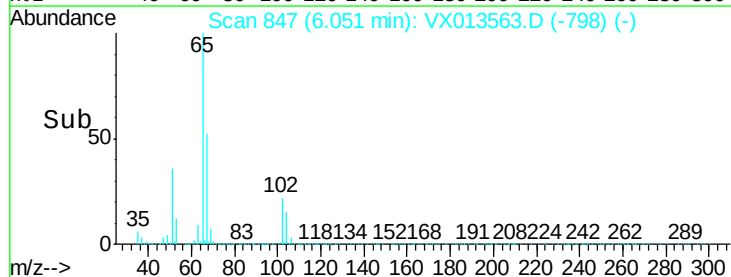
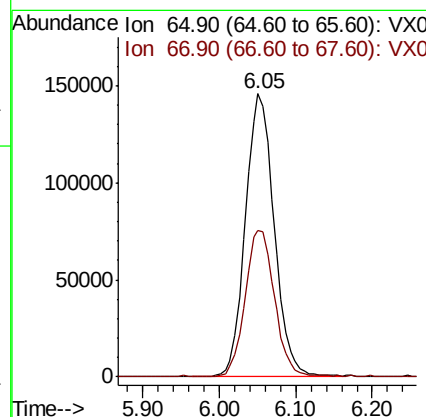
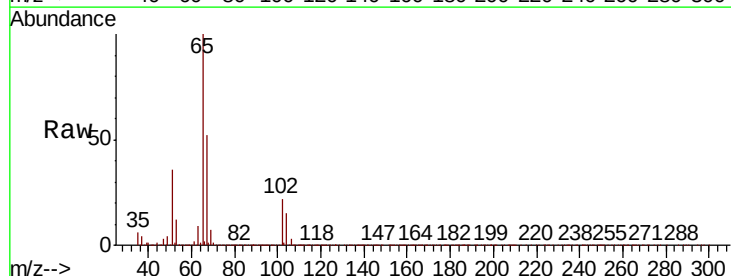
Tot Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	288.0
98	62.1	0.0	129.6

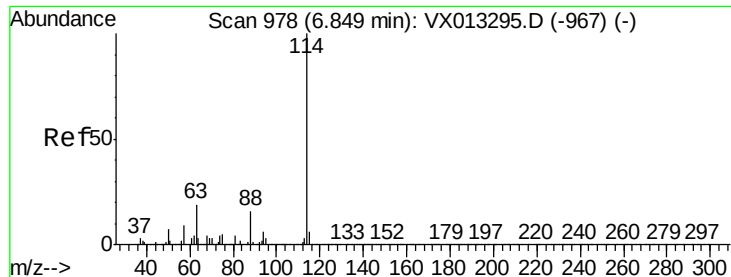


#33

1,2-Dichloroethane-d4
 Concen: 50.271 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013563.D
 Acq: 23 Nov 2019 03:36

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013563.D

Acq: 23 Nov 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20191120

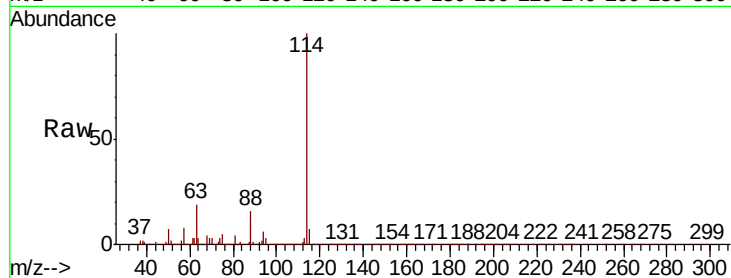
Tot Ion:114 Resp: 1034495

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

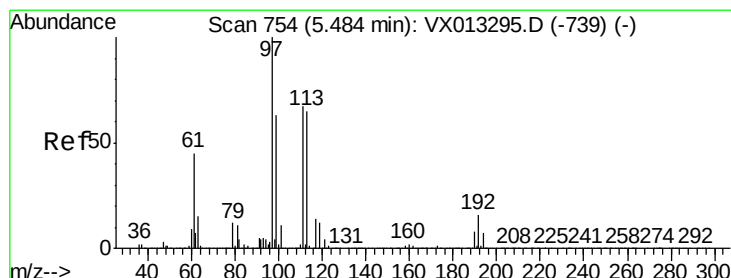
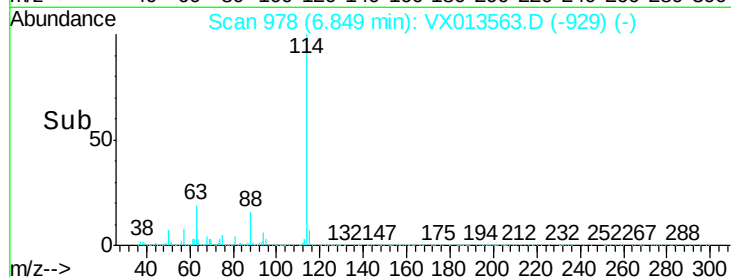
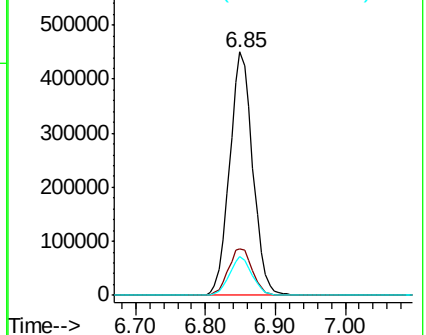
88 16.0 0.0 32.2



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: 48.606 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013563.D

Acq: 23 Nov 2019 03:36

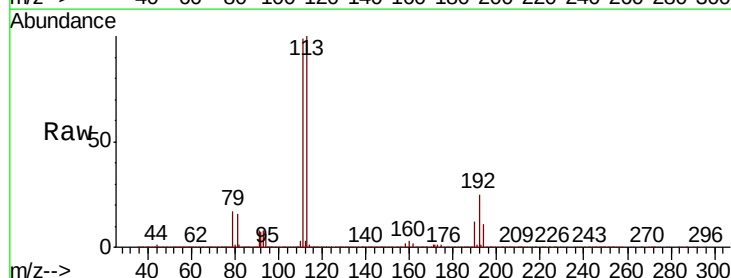
Tgt Ion:113 Resp: 315381

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

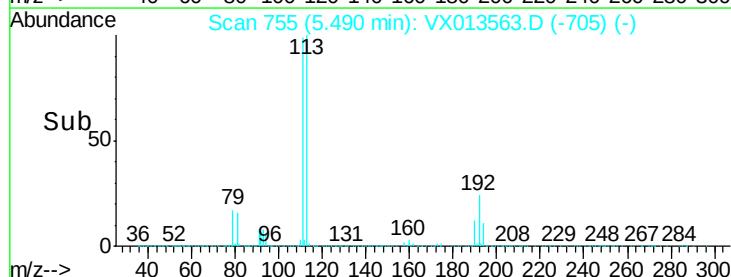
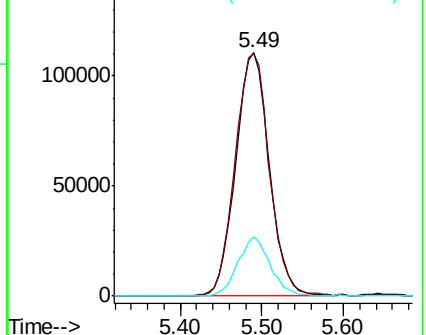
192 23.7 19.1 28.7

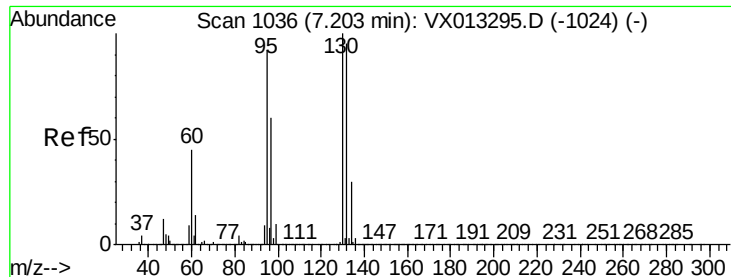


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 178.804 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013563.D

Acq: 23 Nov 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

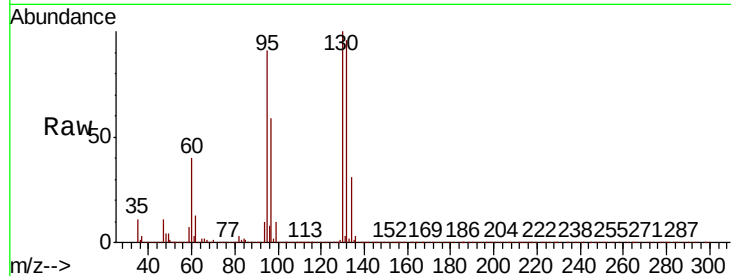
DUP-01-20191120

Tot Ion:130 Resp: 1360618

Ion Ratio Lower Upper

130 100

95 91.3 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

600000

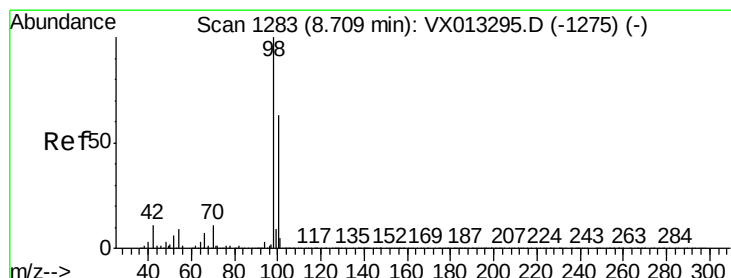
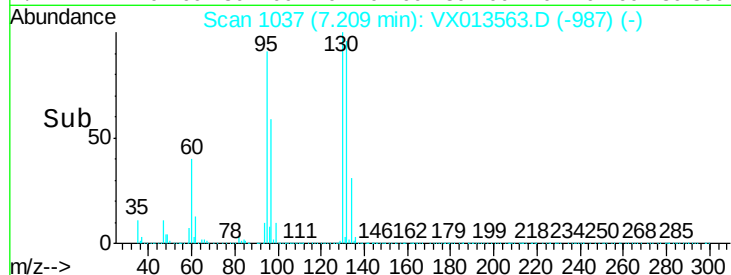
400000

200000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.869 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013563.D

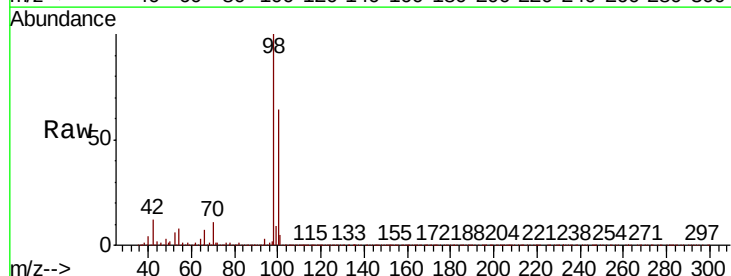
Acq: 23 Nov 2019 03:36

Tgt Ion: 98 Resp: 1244302

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

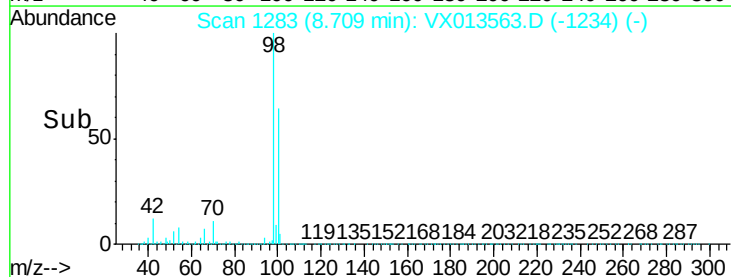
400000

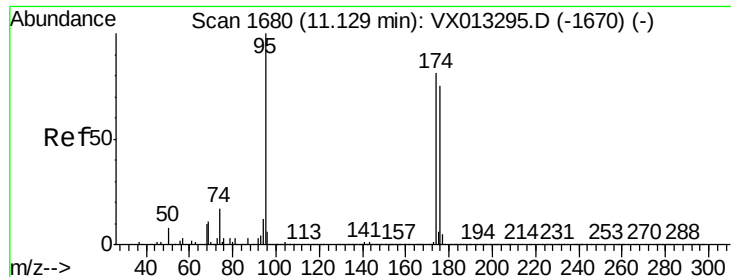
200000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 46.608 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013563.D

Acq: 23 Nov 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20191120

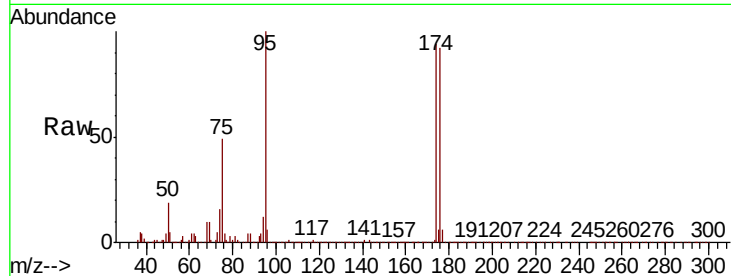
Tot Ion: 95 Resp: 411462

Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.8

176 86.2 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX013563.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX013563.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX013563.D (-1631) (-)

11.14

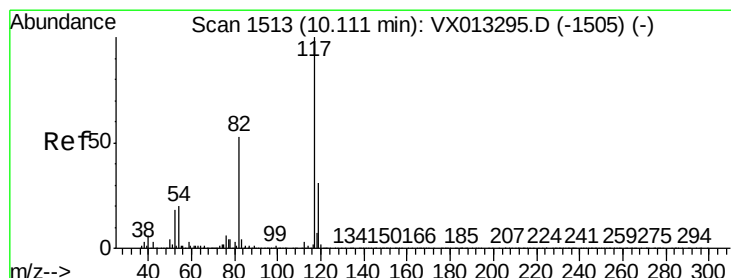
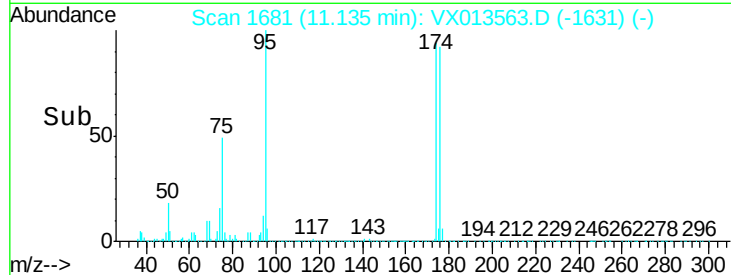
300000

200000

100000

0

Time--> 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013563.D

Acq: 23 Nov 2019 03:36

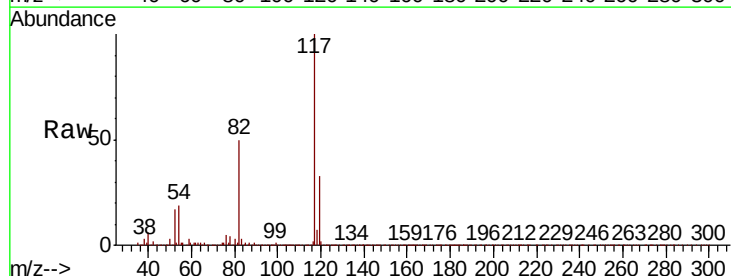
Tgt Ion: 117 Resp: 931541

Ion Ratio Lower Upper

117 100

82 50.3 42.6 64.0

119 32.6 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VX013563.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013563.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013563.D (-1464) (-)

10.11

800000

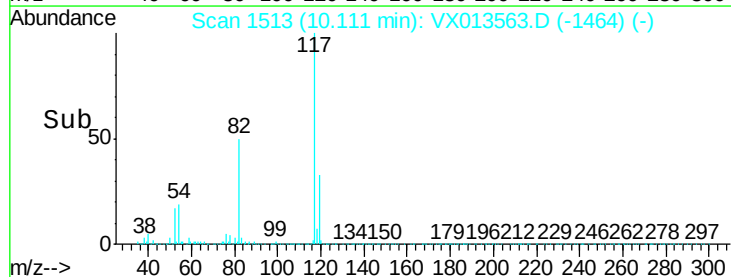
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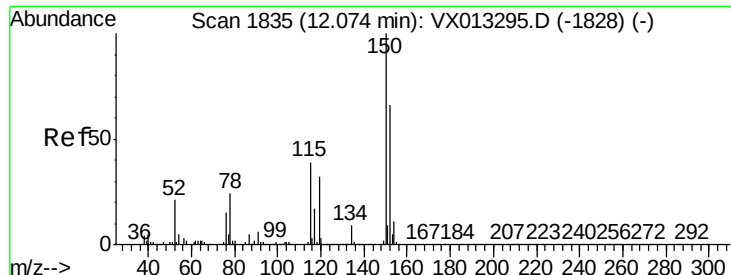
400000

200000

0

Time--> 10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013563.D

Acq: 23 Nov 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20191120

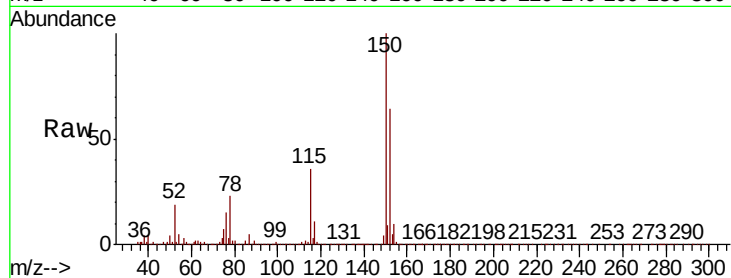
Tot Ion:152 Resp: 414834

Ion Ratio Lower Upper

152 100

115 56.2 39.5 118.3

150 157.7 0.0 344.4



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

