

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015394.D
 Acq On : 27 Mar 2020 20:00
 Operator : JC/SP
 Sample : L1997-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20200316

Quant Time: Mar 30 04:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1125475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1847812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1780010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	928460	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	762277	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.47	113	585910	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	8.70	98	2222483	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.12	95	971663	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	

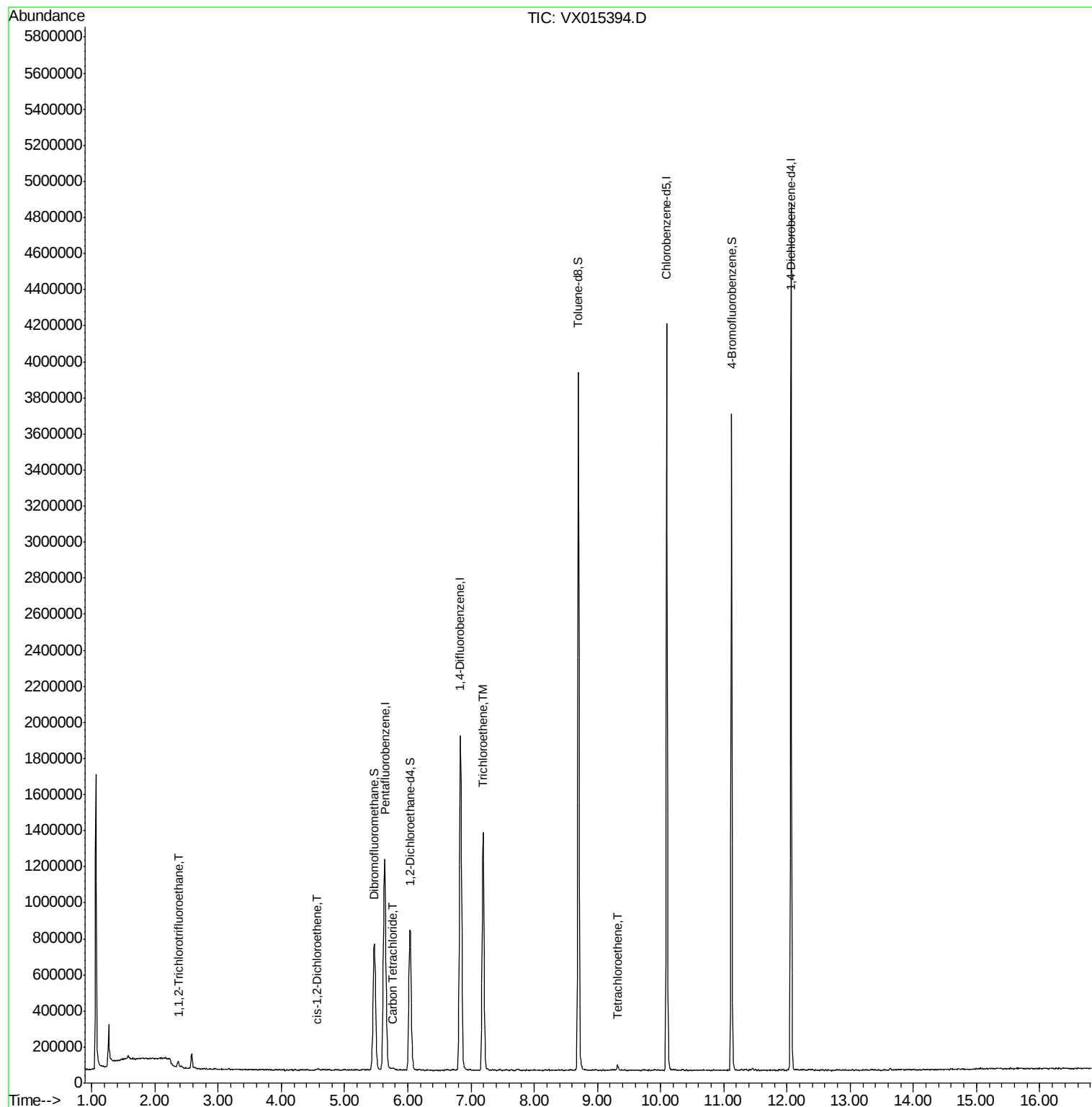
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14481	1.429	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	5322	0.390	ug/l	81
38) Carbon Tetrachloride	5.76	117	5432	0.295	ug/l	94
44) Trichloroethene	7.19	130	501142	36.845	ug/l	99
64) Tetrachloroethene	9.32	164	7535	0.561	ug/l	89

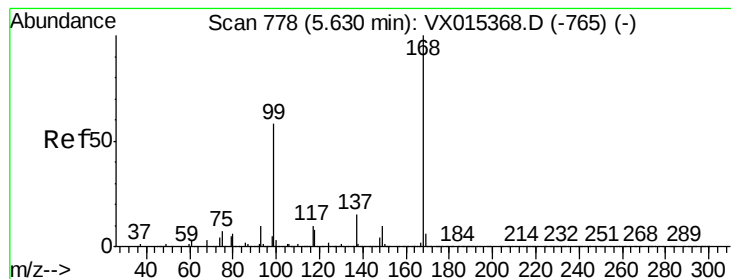
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015394.D

Acq: 27 Mar 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

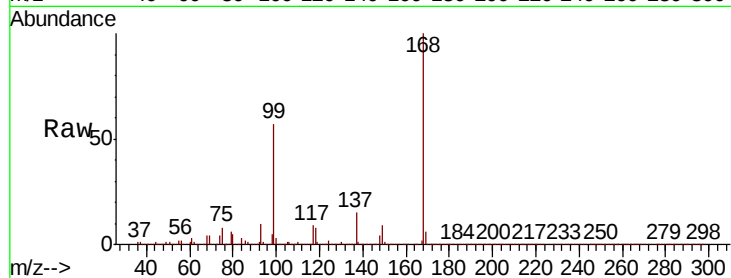
DUP06-20200316

Tot Ion:168 Resp: 1125475

Ion Ratio Lower Upper

168 100

99 57.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

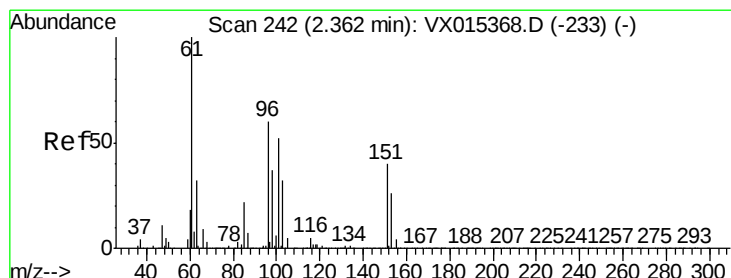
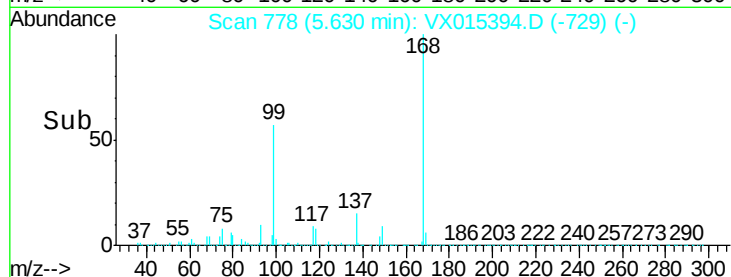
300000

200000

100000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.429 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015394.D

Acq: 27 Mar 2020 20:00

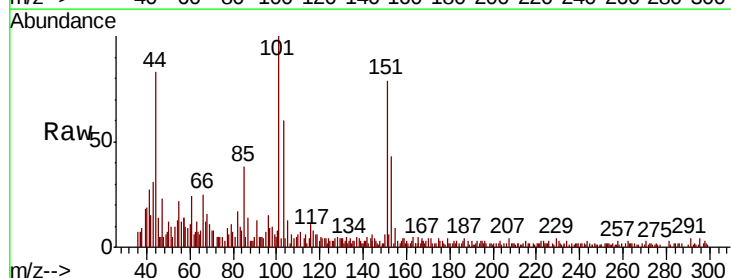
Tgt Ion:101 Resp: 14481

Ion Ratio Lower Upper

101 100

85 42.9 35.0 52.4

151 74.1 64.1 96.1



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

2.37

8000

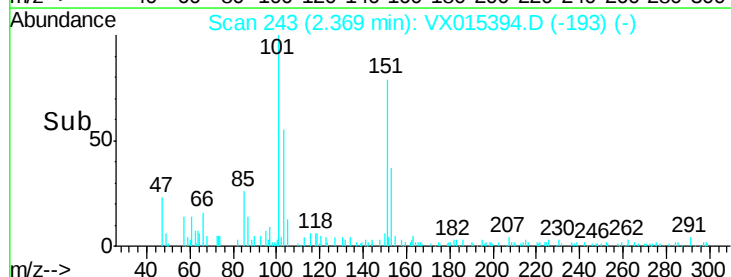
6000

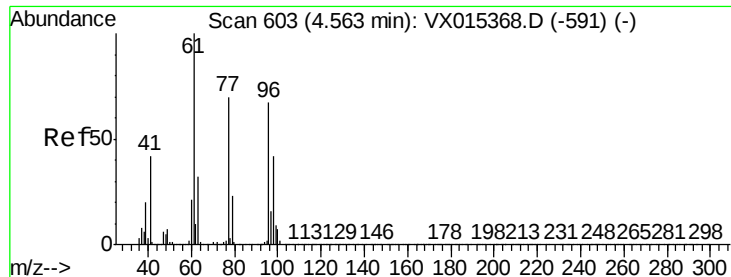
4000

2000

0

Time--> 2.30 2.35 2.40



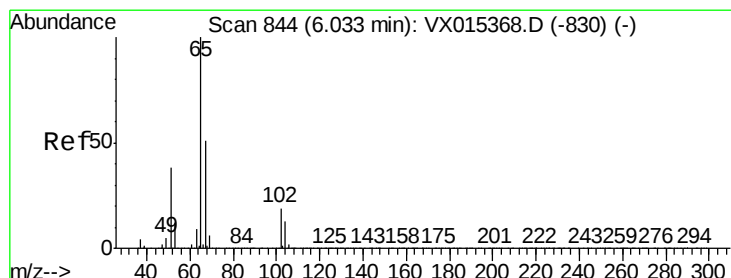
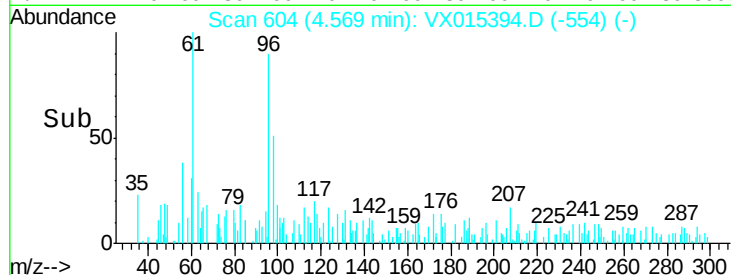
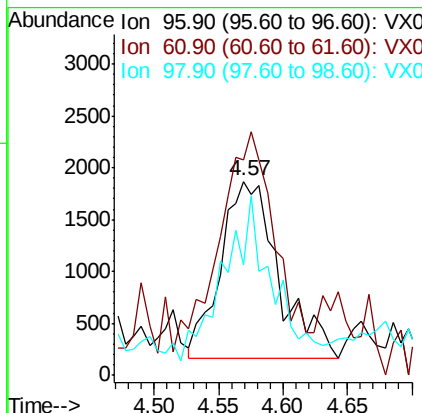
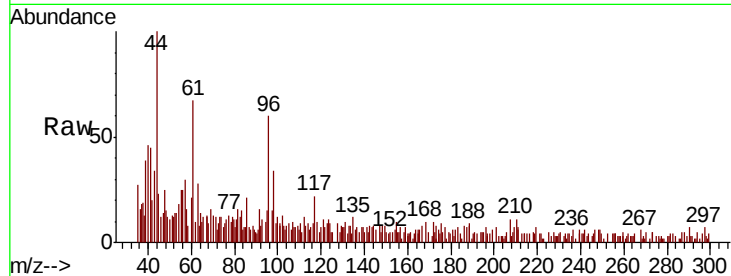


#27

cis-1,2-Dichloroethene
Concen: 0.390 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015394.D
Acq: 27 Mar 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20200316

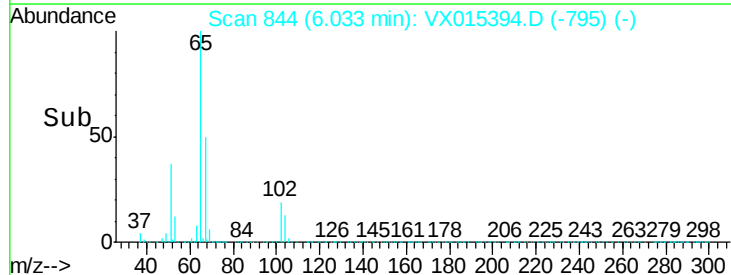
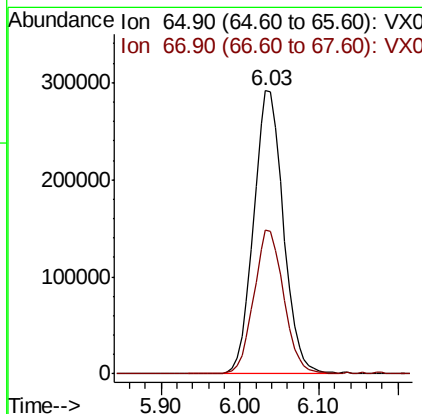
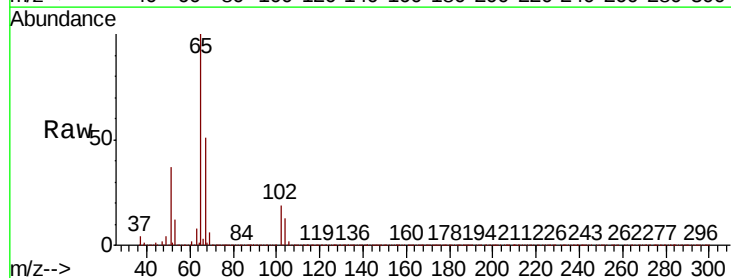
Tot Ion: 96 Resp: 5322
Ion Ratio Lower Upper
96 100
61 128.5 0.0 308.4
98 76.8 0.0 129.2

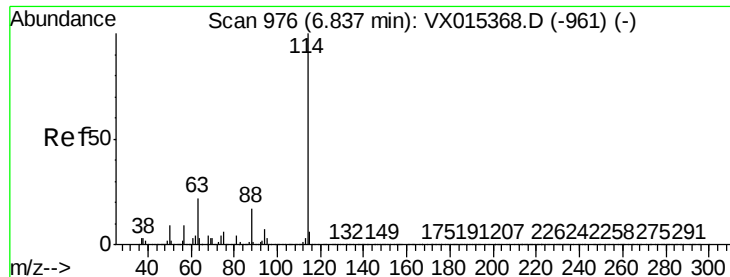


#33

1,2-Dichloroethane-d4
Concen: 48.022 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015394.D
Acq: 27 Mar 2020 20:00

Tgt Ion: 65 Resp: 762277
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015394.D

Acq: 27 Mar 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20200316

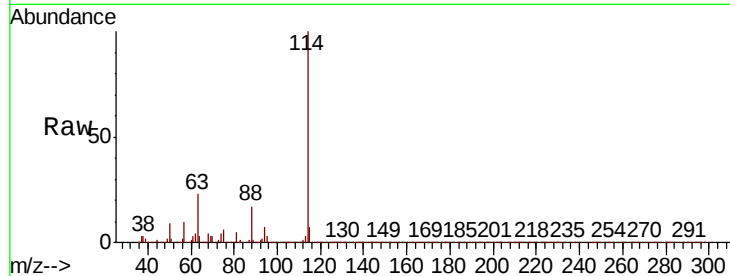
Tot Ion:114 Resp: 1847812

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

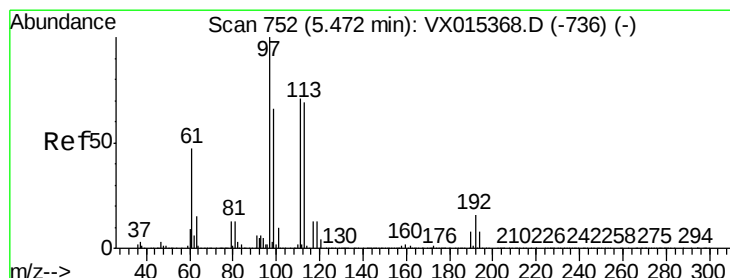
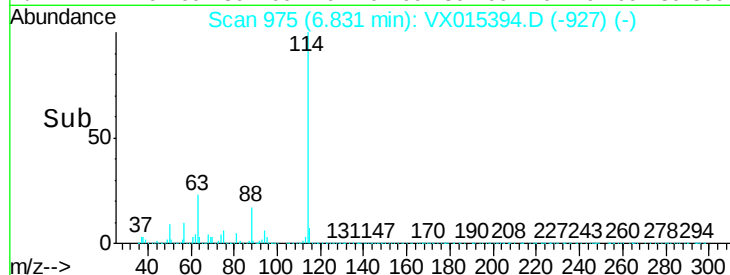
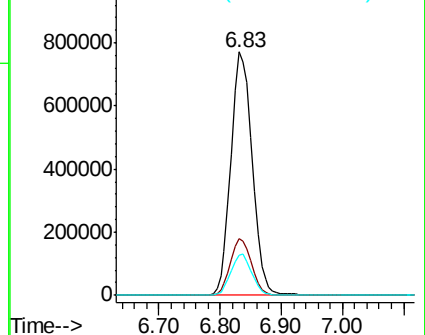
88 16.7 0.0 33.8



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: 49.604 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015394.D

Acq: 27 Mar 2020 20:00

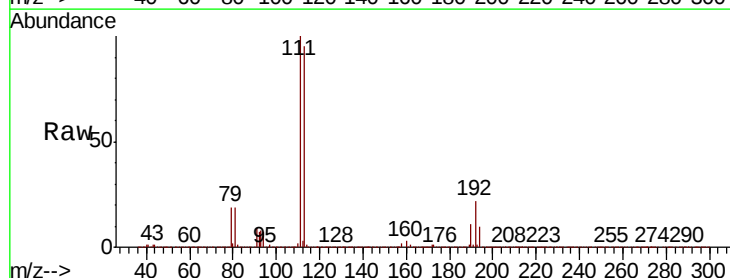
Tgt Ion:113 Resp: 585910

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

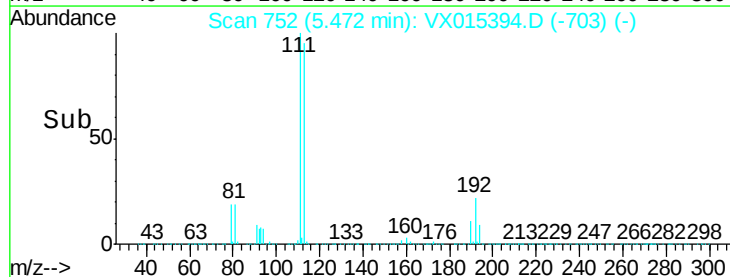
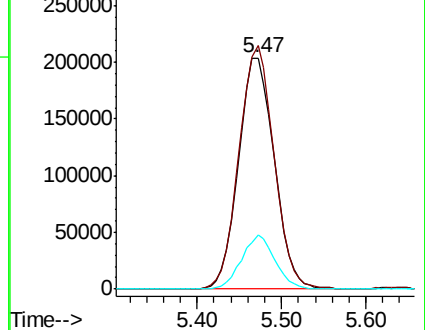
192 22.0 17.8 26.6

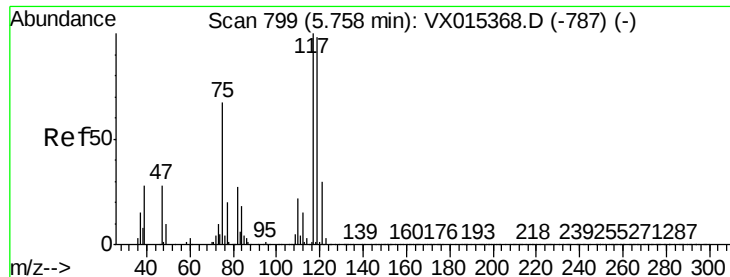


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

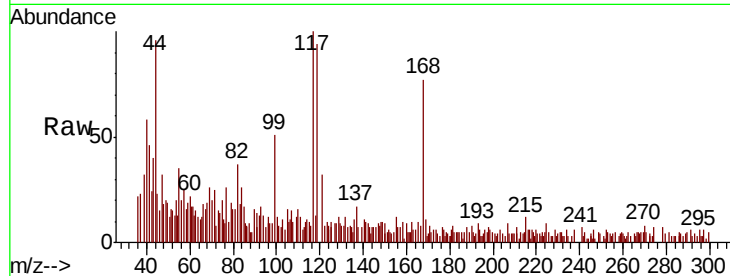




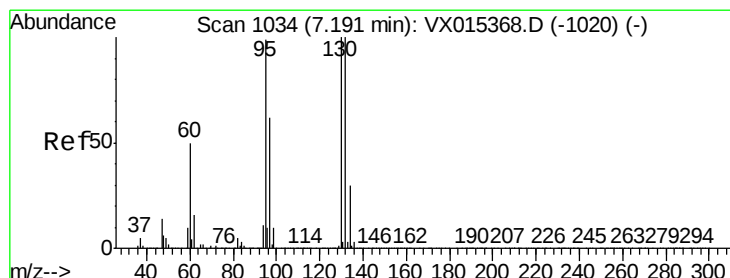
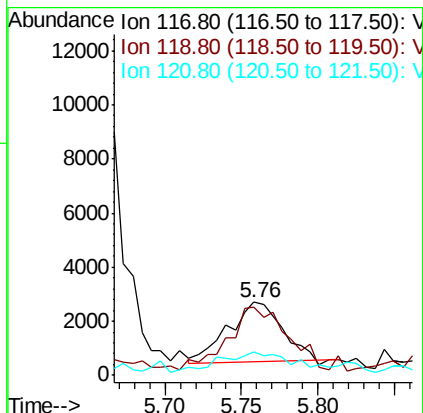
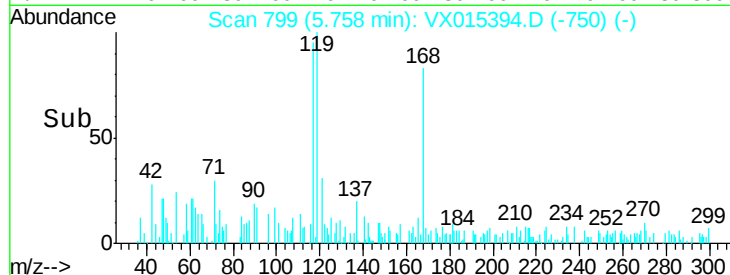
#38
Carbon Tetrachloride
Concen: 0.295 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015394.D
Acq: 27 Mar 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20200316

Tot Ion:117 Resp: 5432
Ion Ratio Lower Upper
117 100
119 90.9 78.0 117.0
121 27.3 23.8 35.8

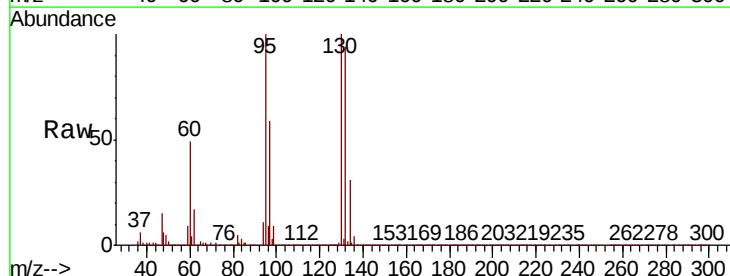


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

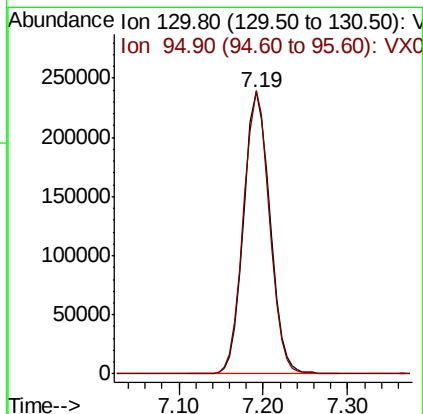
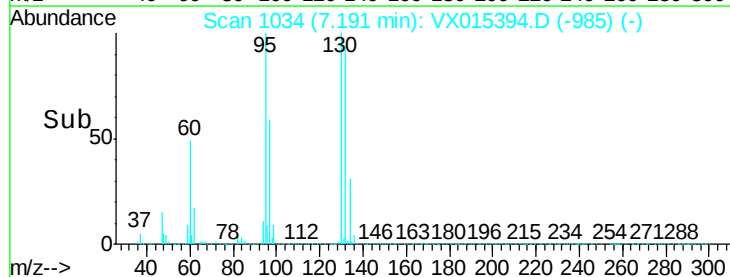


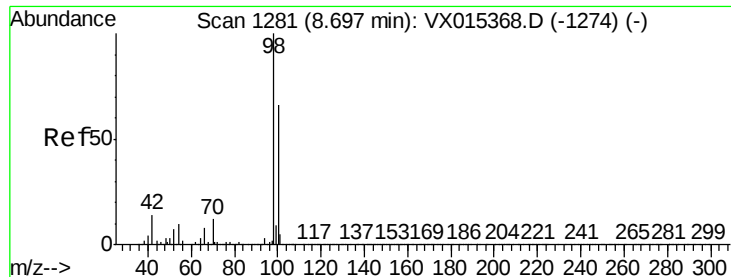
#44
Trichloroethene
Concen: 36.845 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015394.D
Acq: 27 Mar 2020 20:00

Tgt Ion:130 Resp: 501142
Ion Ratio Lower Upper
130 100
95 100.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.106 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015394.D

Acq: 27 Mar 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

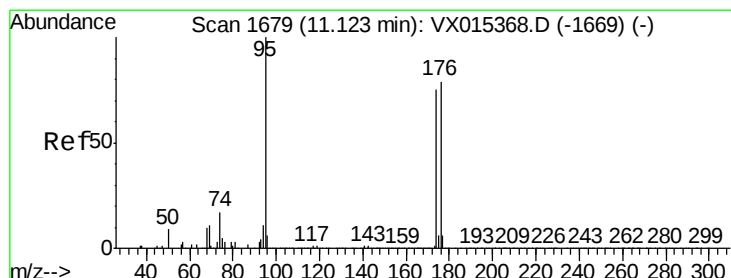
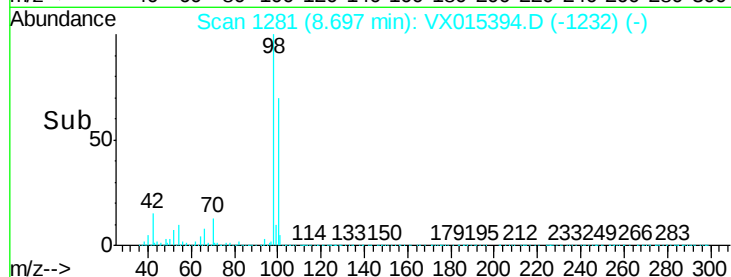
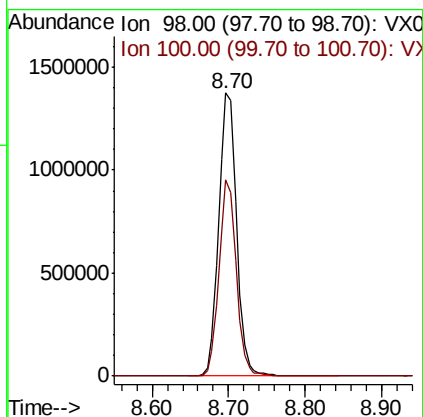
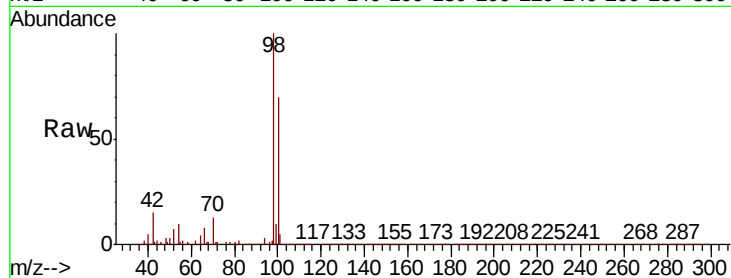
DUP06-20200316

Tot Ion: 98 Resp: 2222483

Ion Ratio Lower Upper

98 100

100 67.2 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.979 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015394.D

Acq: 27 Mar 2020 20:00

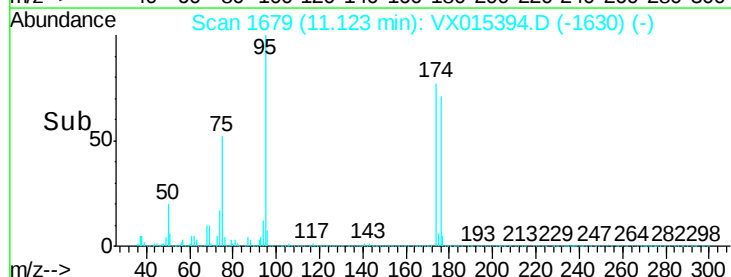
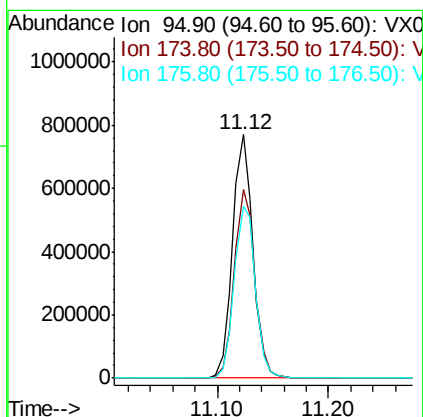
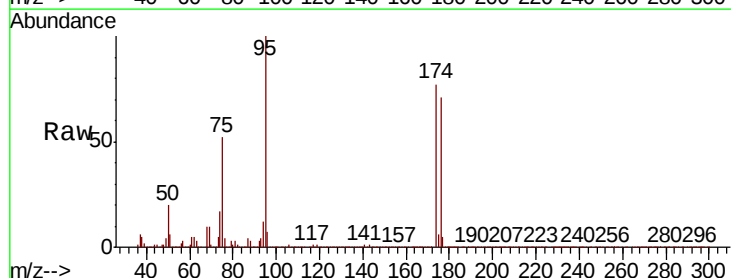
Tgt Ion: 95 Resp: 971663

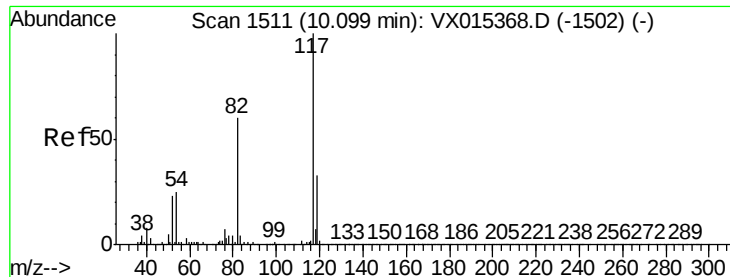
Ion Ratio Lower Upper

95 100

174 78.4 0.0 158.6

176 74.3 0.0 159.0

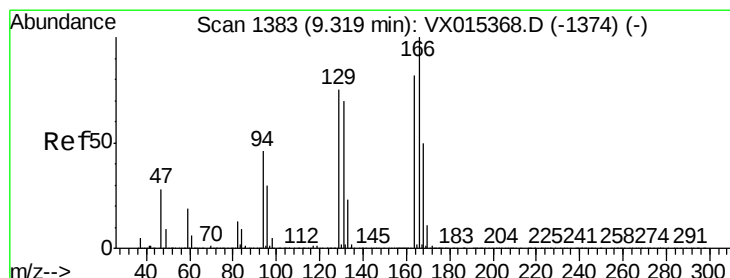
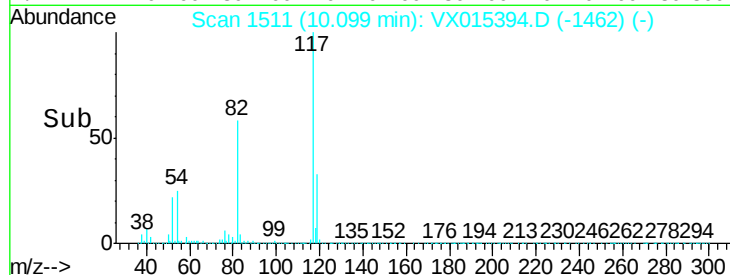
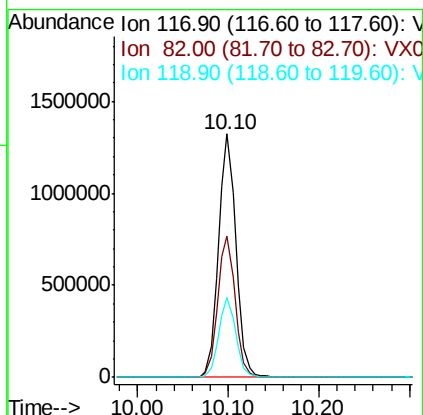
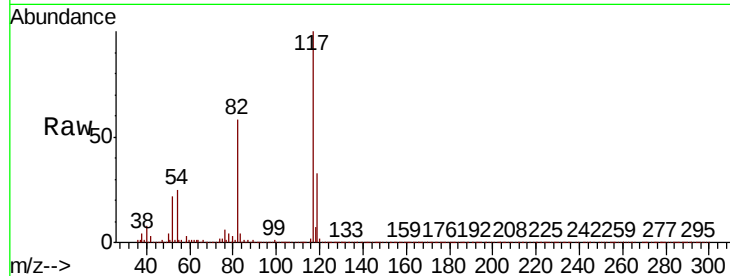




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015394.D
Acq: 27 Mar 2020 20:00

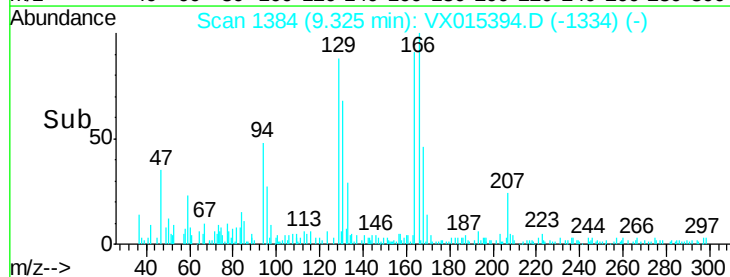
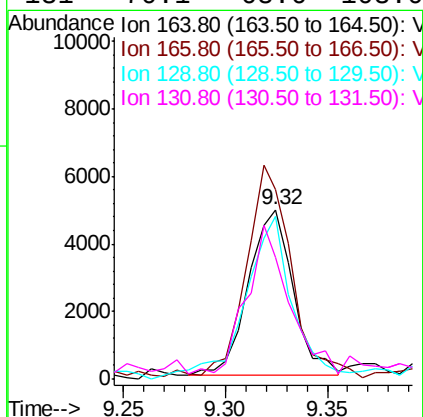
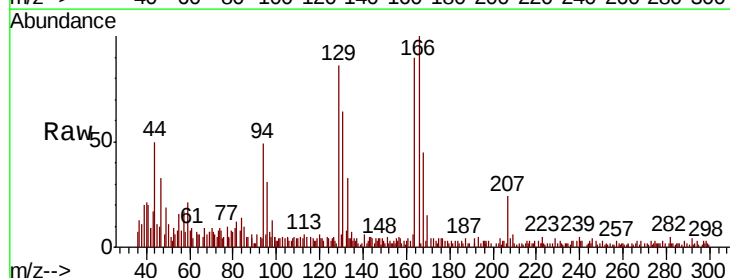
Instrument :
MSVOA_X
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DUP06-20200316

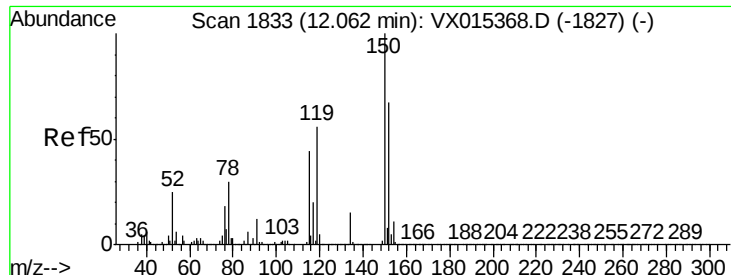
Tot Ion:117 Resp: 1780010
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.8
119 32.9 26.8 40.2



#64
Tetrachloroethene
Concen: 0.561 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015394.D
Acq: 27 Mar 2020 20:00

Tgt Ion:164 Resp: 7535
Ion Ratio Lower Upper
164 100
166 107.7 97.8 146.6
129 93.2 73.0 109.4
131 70.1 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015394.D

Acq: 27 Mar 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20200316

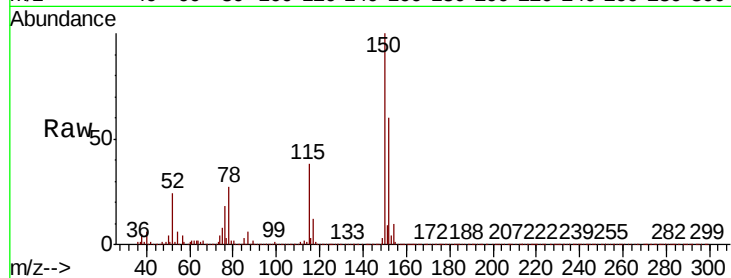
Tot Ion:152 Resp: 928460

Ion Ratio Lower Upper

152 100

115 59.0 39.0 116.9

150 158.2 0.0 340.8



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

