

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015603.D
 Acq On : 09 Apr 2020 17:52
 Operator : JC/SP
 Sample : L2190-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW301-200406

Quant Time: Apr 10 09:01:34 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	5.64	168	1099797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1743177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1702188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	936653	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	720784	46.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.94%	
35) Dibromofluoromethane	5.47	113	537901	48.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.54%	
50) Toluene-d8	8.70	98	2106106	51.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.12	95	926705	55.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.16%	

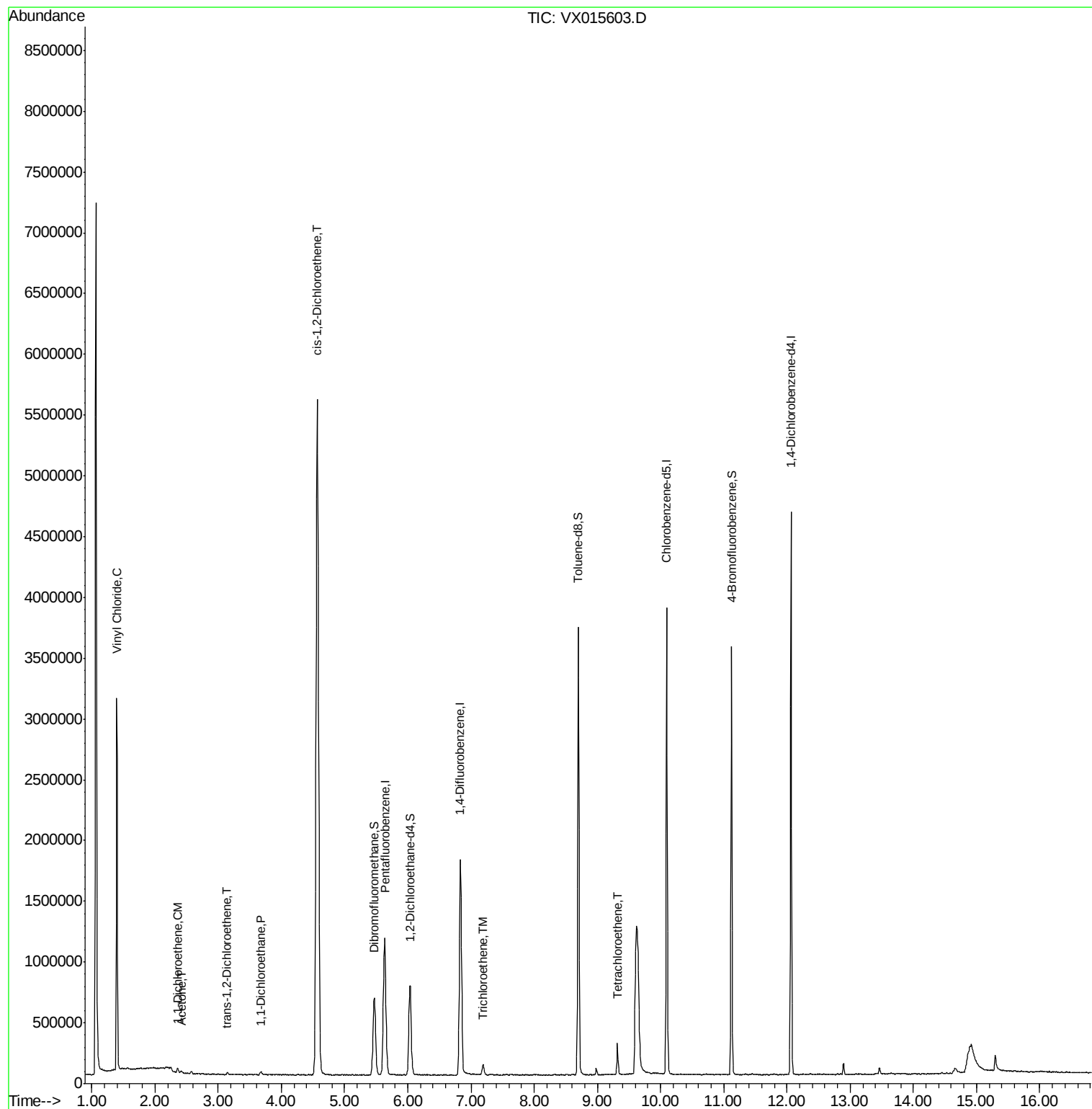
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	1843224	162.681	ug/l	100
12) 1,1-Dichloroethene	2.36	96	13355	1.286	ug/l	97
16) Acetone	2.42	43	24120	3.619	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	5610	0.487	ug/l	95
24) 1,1-Dichloroethane	3.68	63	31389	1.387	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	3459194	259.466	ug/l	90
44) Trichloroethene	7.19	130	33368	2.601	ug/l	87
64) Tetrachloroethene	9.32	164	51347	3.997	ug/l	97

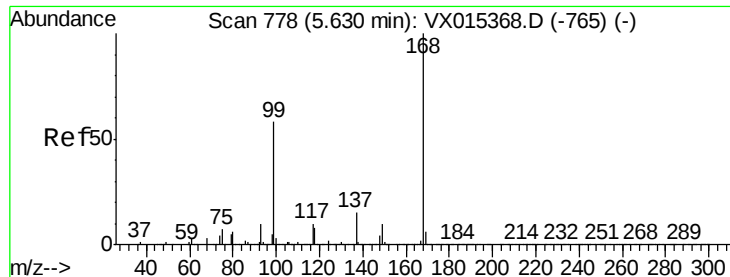
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

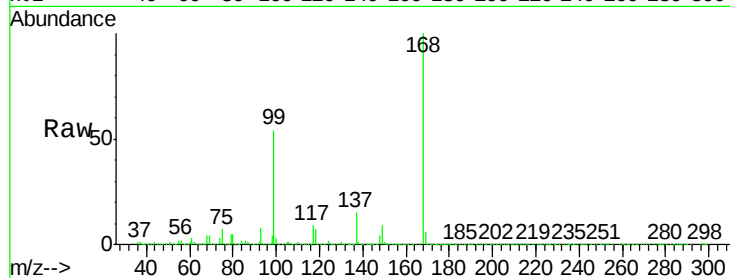
SS037MW301-200406

Tot Ion:168 Resp: 1099797

Ion Ratio Lower Upper

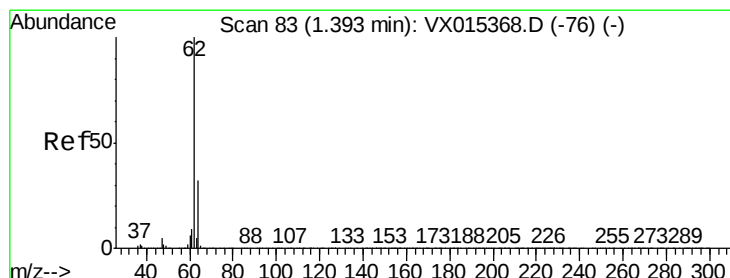
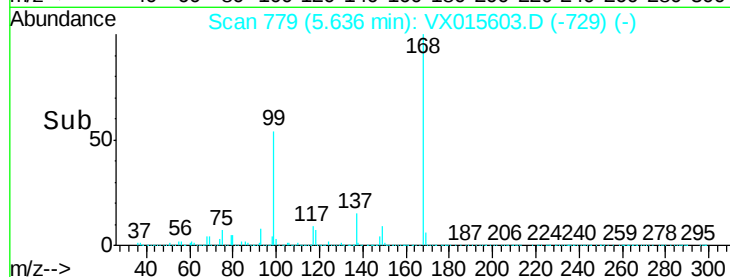
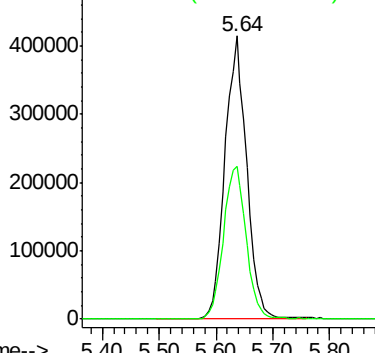
168 100

99 54.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 162.681 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015603.D

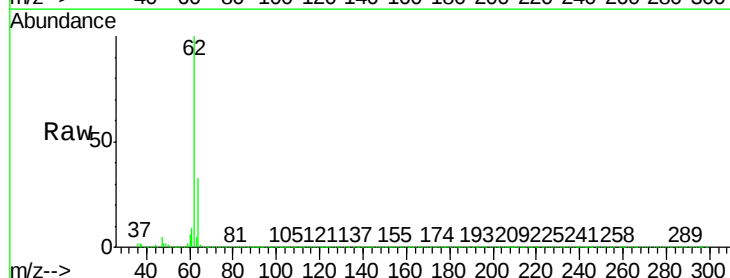
Acq: 09 Apr 2020 17:52

Tgt Ion: 62 Resp: 1843224

Ion Ratio Lower Upper

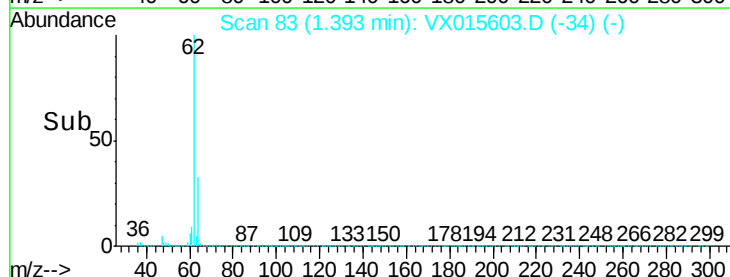
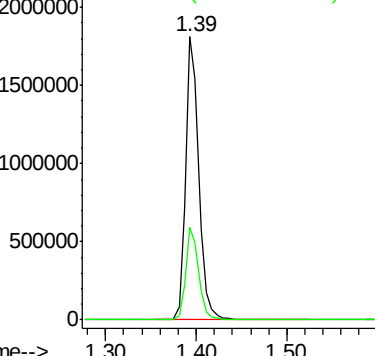
62 100

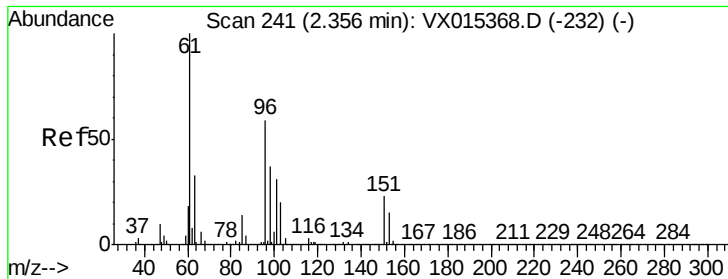
64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 1.286 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.01 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-200406

Tot Ion: 96 Resp: 13355

Ion Ratio Lower Upper

96 100

61 172.7 135.7 203.5

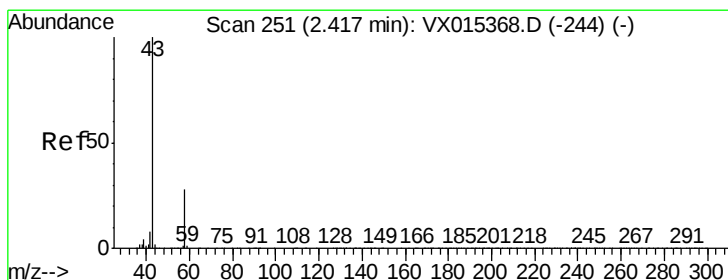
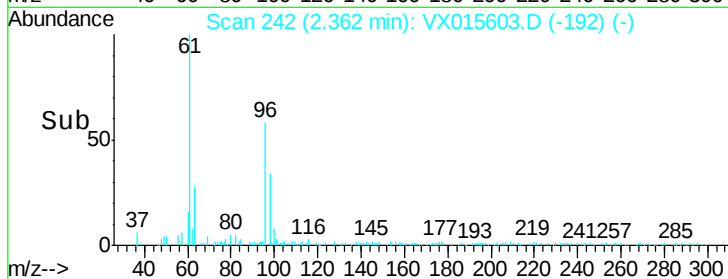
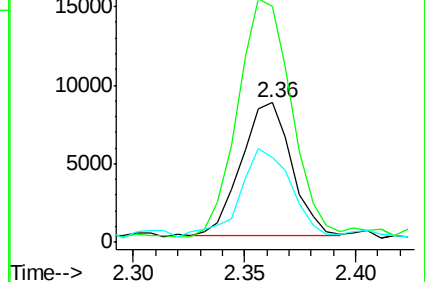
98 58.0 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 3.619 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015603.D

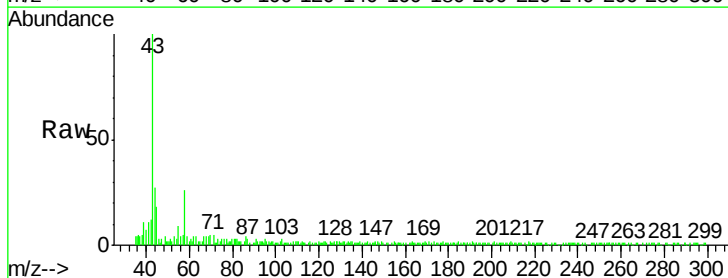
Acq: 09 Apr 2020 17:52

Tgt Ion: 43 Resp: 24120

Ion Ratio Lower Upper

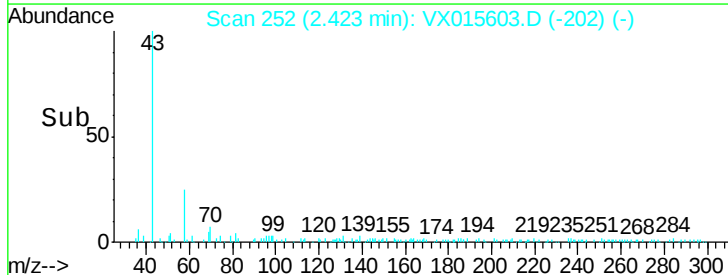
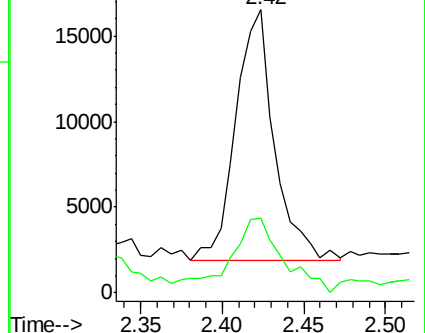
43 100

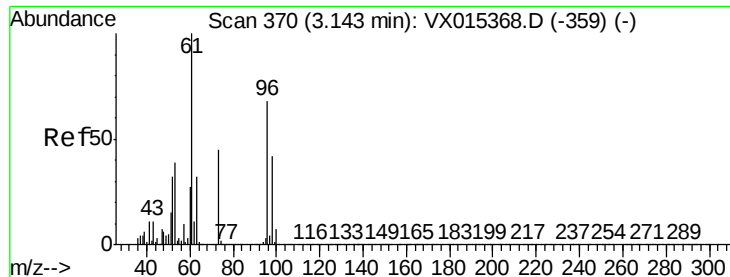
58 25.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.487 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-200406

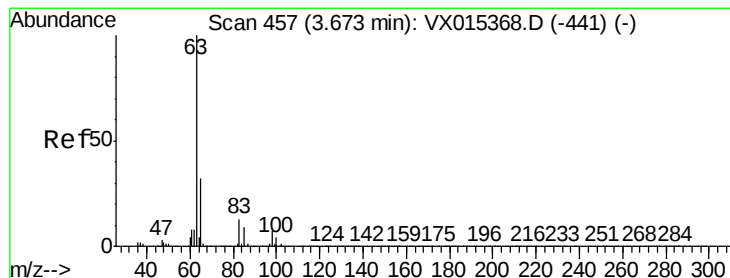
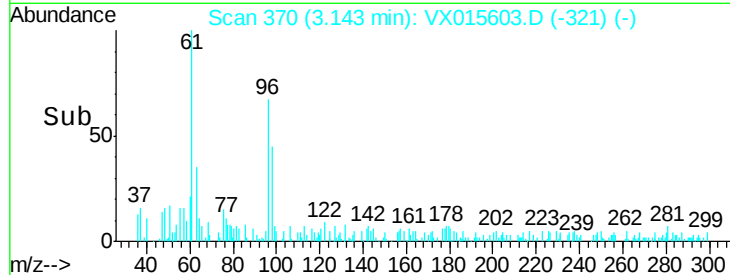
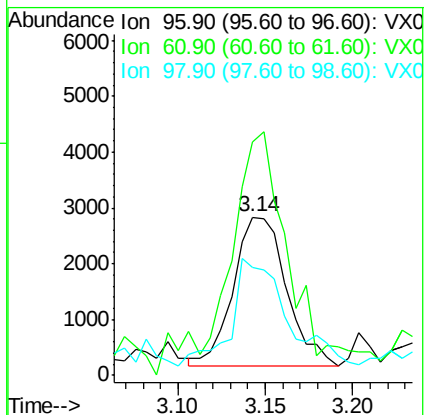
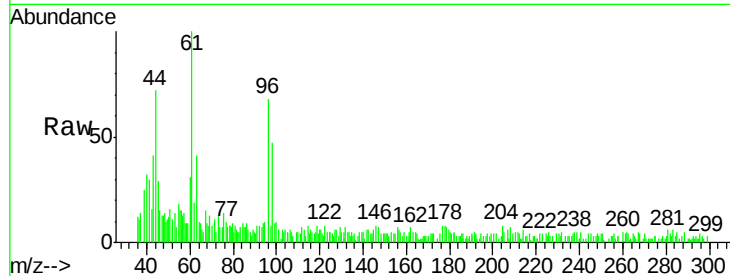
Tot Ion: 96 Resp: 5610

Ion Ratio Lower Upper

96 100

61 137.7 116.9 175.3

98 60.0 48.6 73.0



#24

1,1-Dichloroethane

Concen: 1.387 ug/l

RT: 3.68 min Scan# 458

Delta R.T. 0.01 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

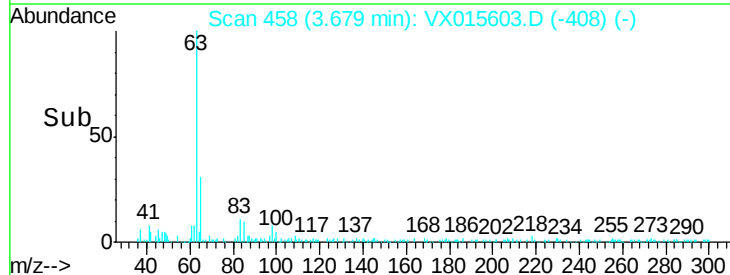
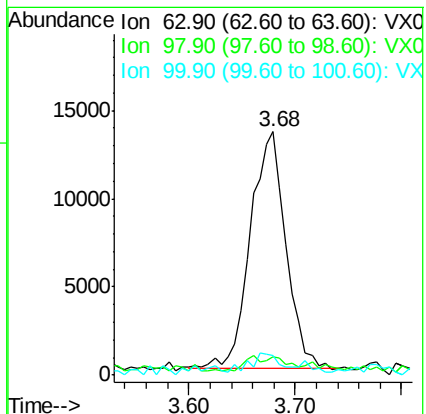
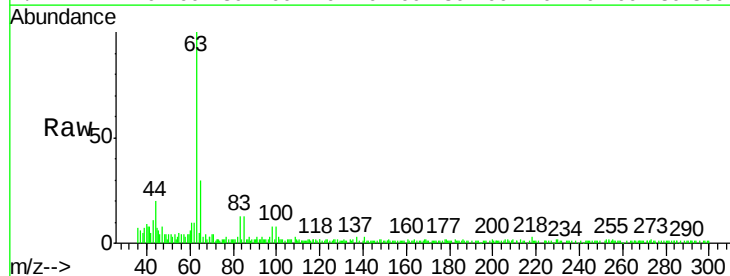
Tgt Ion: 63 Resp: 31389

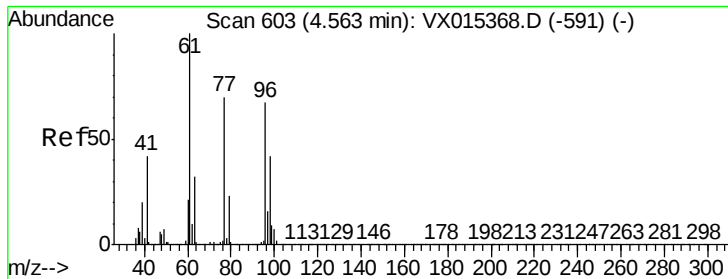
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 6.1 2.1 6.5



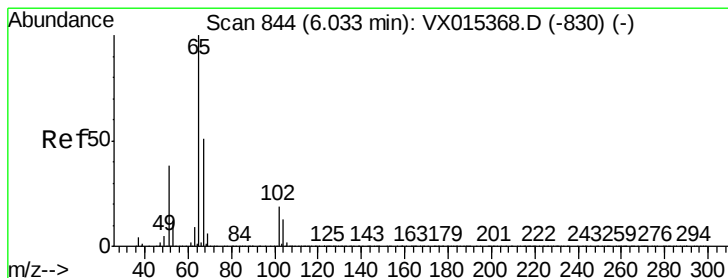
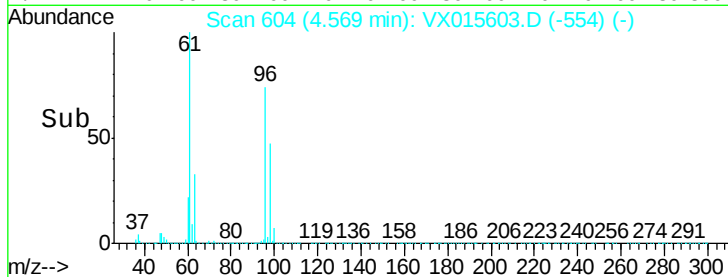
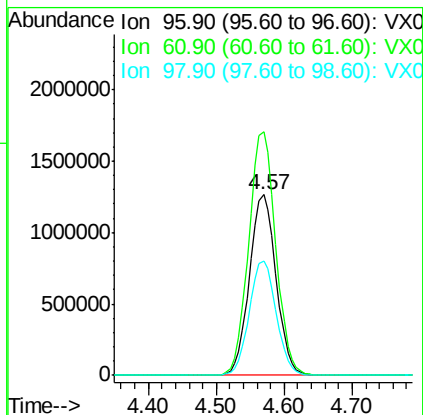
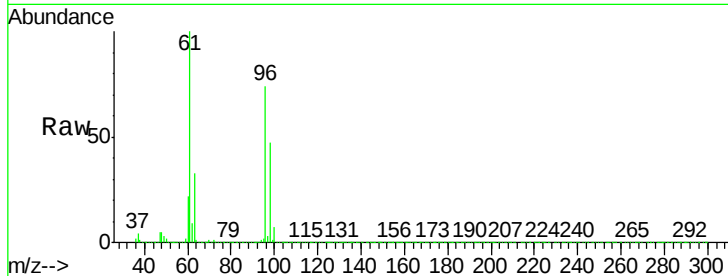


#27

cis-1,2-Dichloroethene
 Concen: 259.466 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015603.D
 Acq: 09 Apr 2020 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW301-200406

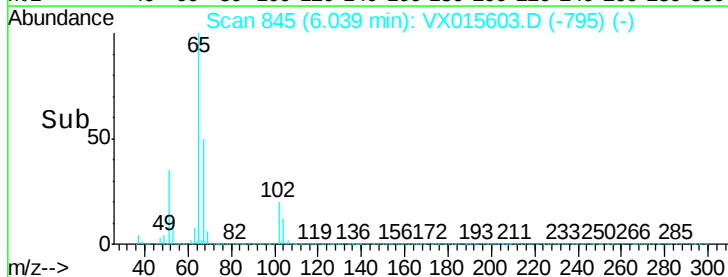
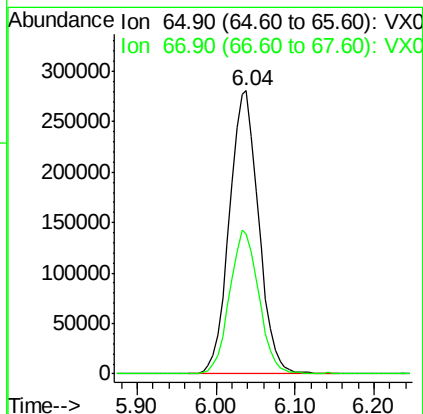
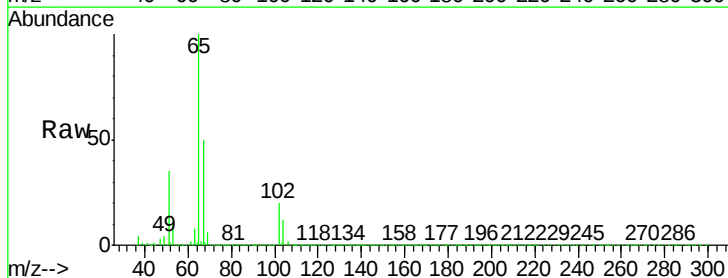
Tot Ion: 96 Resp: 3459194
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 308.4
 98 64.2 0.0 129.2

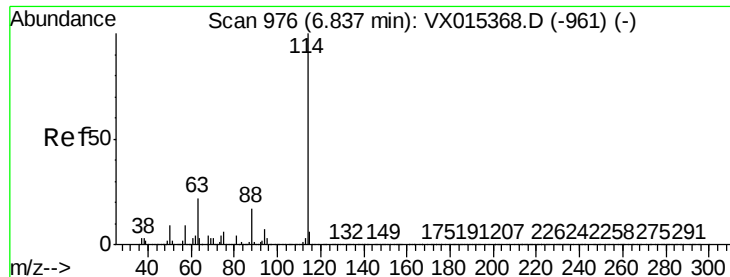


#33

1,2-Dichloroethane-d4
 Concen: 46.468 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015603.D
 Acq: 09 Apr 2020 17:52

Tgt Ion: 65 Resp: 720784
 Ion Ratio Lower Upper
 65 100
 67 50.7 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: VX015603.D

Acq: 09 Apr 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-200406

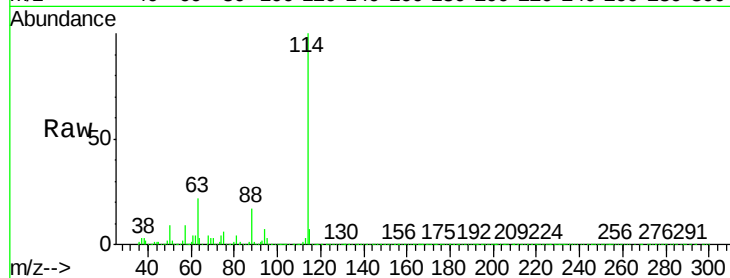
Tot Ion:114 Resp: 1743177

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

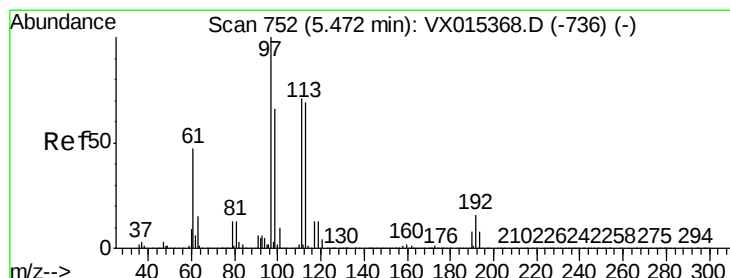
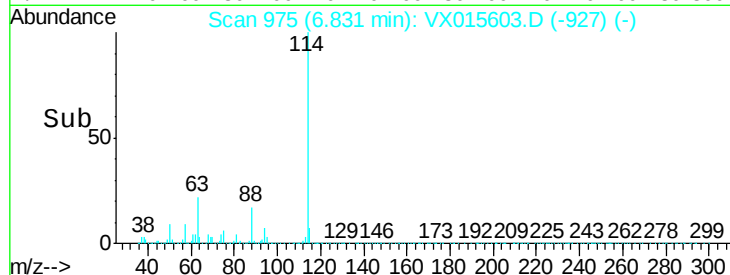
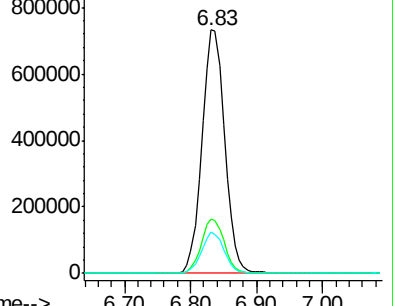
88 17.1 0.0 33.8



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: 48.273 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

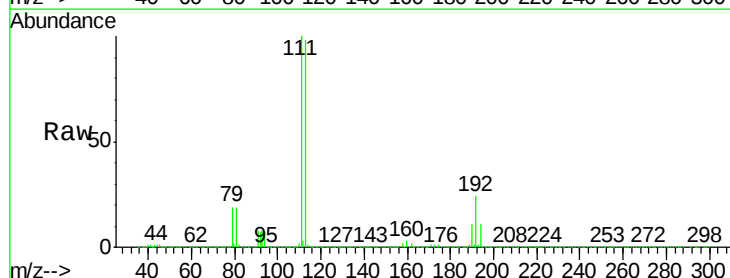
Tgt Ion:113 Resp: 537901

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

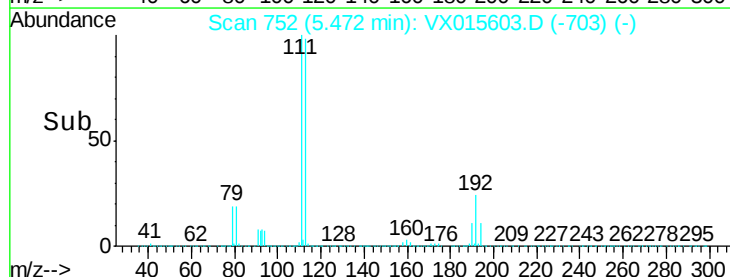
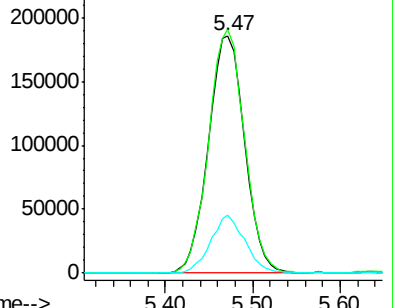
192 22.9 17.8 26.6

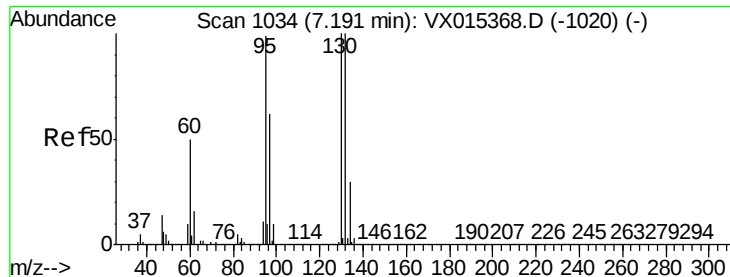


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.601 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

Instrument :

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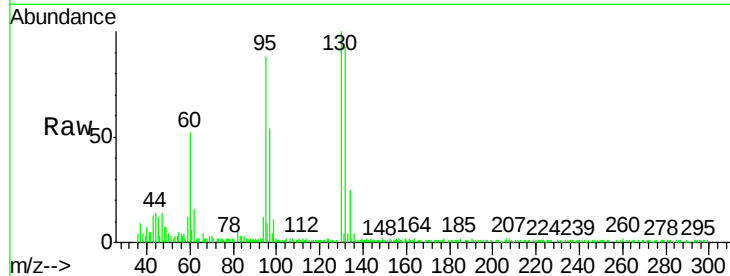
SS037MW301-200406

Tot Ion:130 Resp: 33368

Ion Ratio Lower Upper

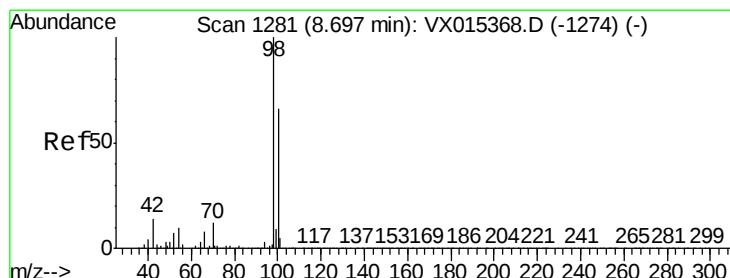
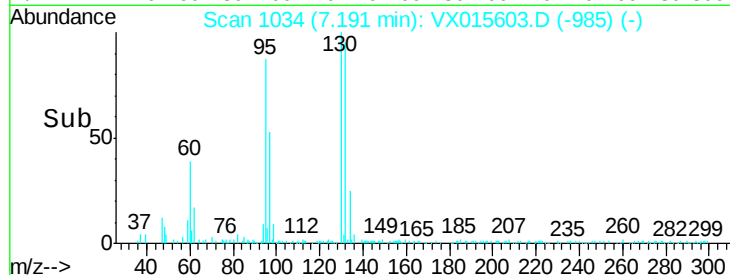
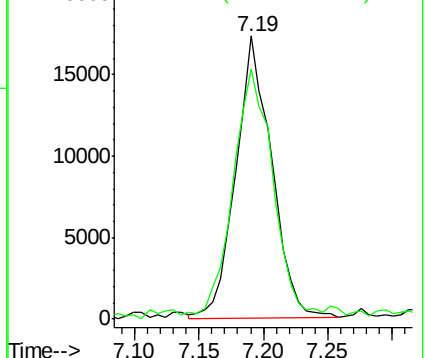
130 100

95 86.6 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: 51.337 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015603.D

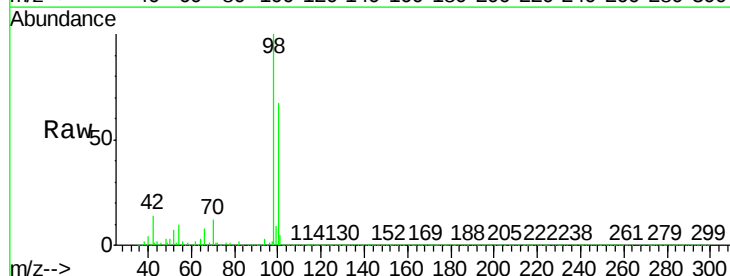
Acq: 09 Apr 2020 17:52

Tgt Ion: 98 Resp: 2106106

Ion Ratio Lower Upper

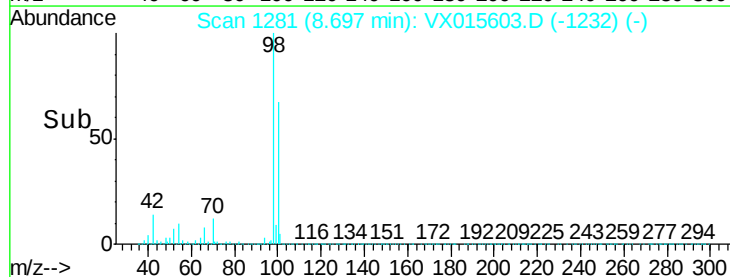
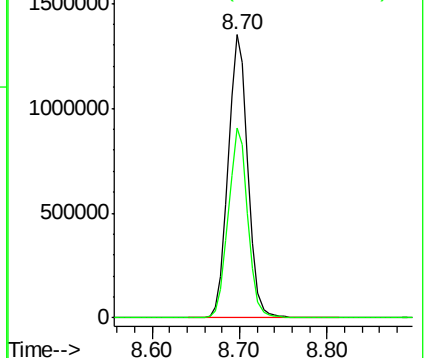
98 100

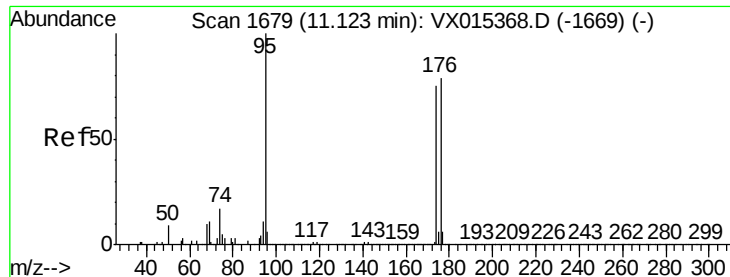
100 66.7 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.582 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

Instrument :

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ClientSampleId :

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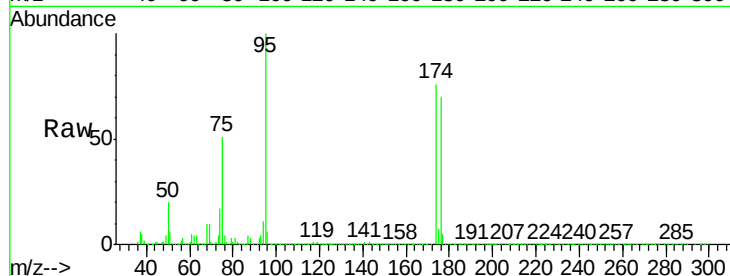
Tot Ion: 95 Resp: 926705

Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.6

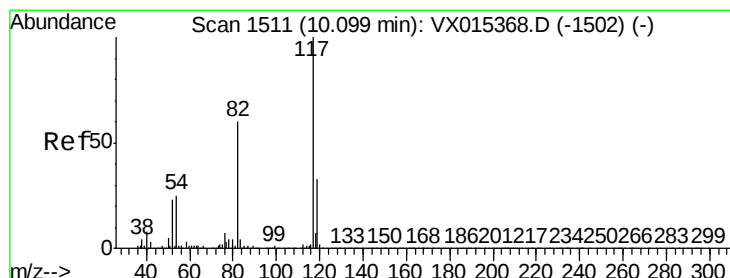
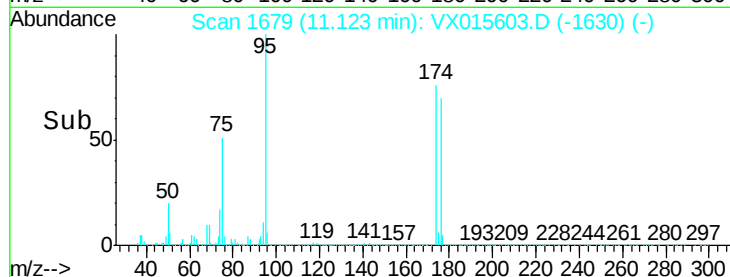
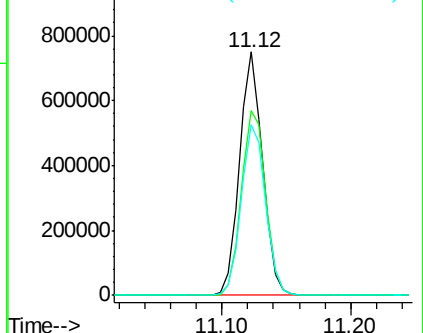
176 73.7 0.0 159.0



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: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

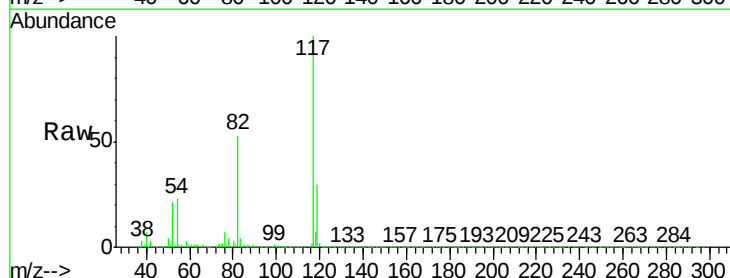
Tgt Ion: 117 Resp: 1702188

Ion Ratio Lower Upper

117 100

82 53.5 47.8 71.8

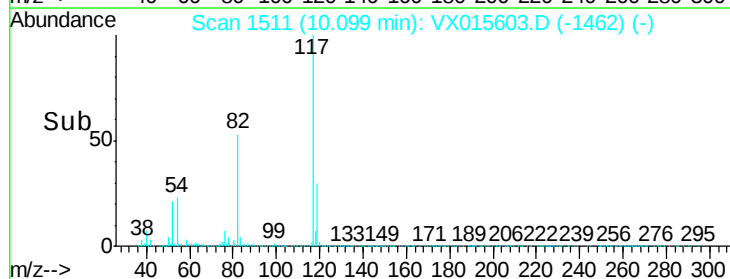
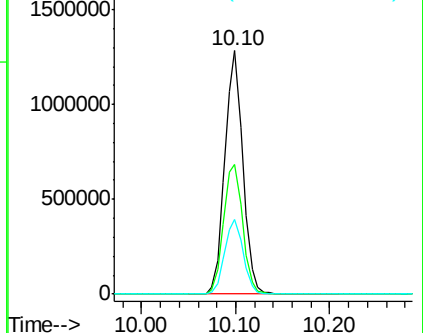
119 30.4 26.8 40.2

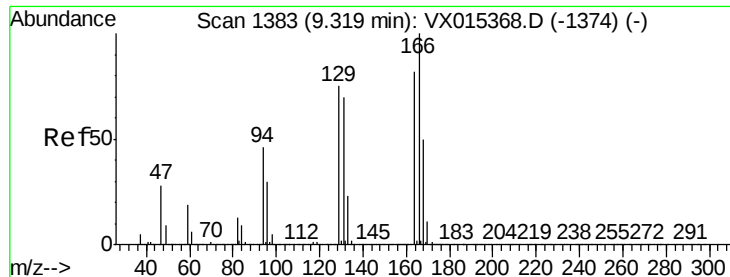


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.997 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-200406

Tot Ion:164 Resp: 51347

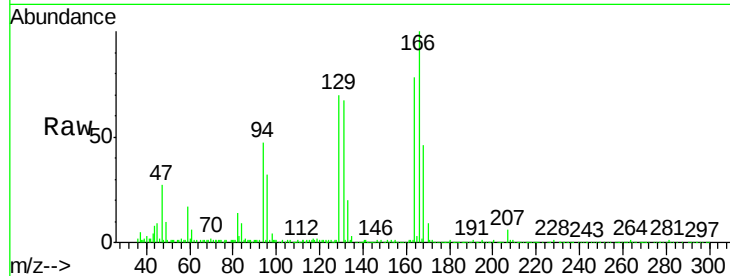
Ion Ratio Lower Upper

164 100

166 127.9 97.8 146.6

129 89.0 73.0 109.4

131 84.7 68.6 103.0

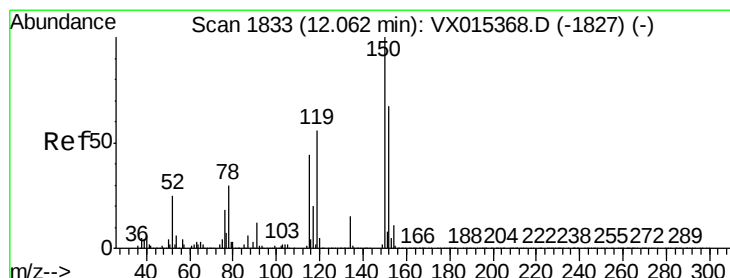
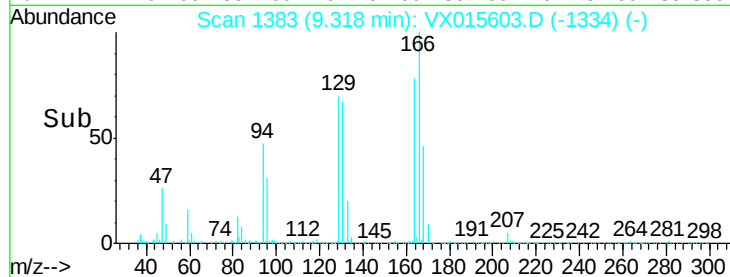
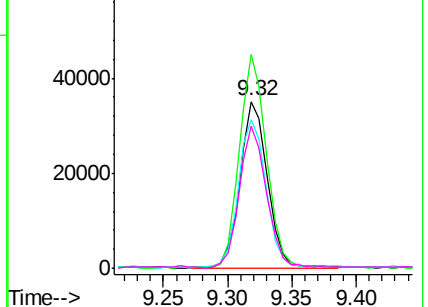


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015603.D

Acq: 09 Apr 2020 17:52

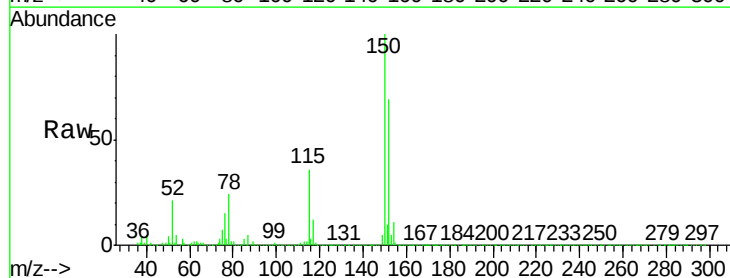
Tgt Ion:152 Resp: 936653

Ion Ratio Lower Upper

152 100

115 58.4 39.0 116.9

150 155.0 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

