

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015386.D
 Acq On : 27 Mar 2020 16:59
 Operator : JC/SP
 Sample : L1997-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20200316

Quant Time: Mar 30 04:18:40 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

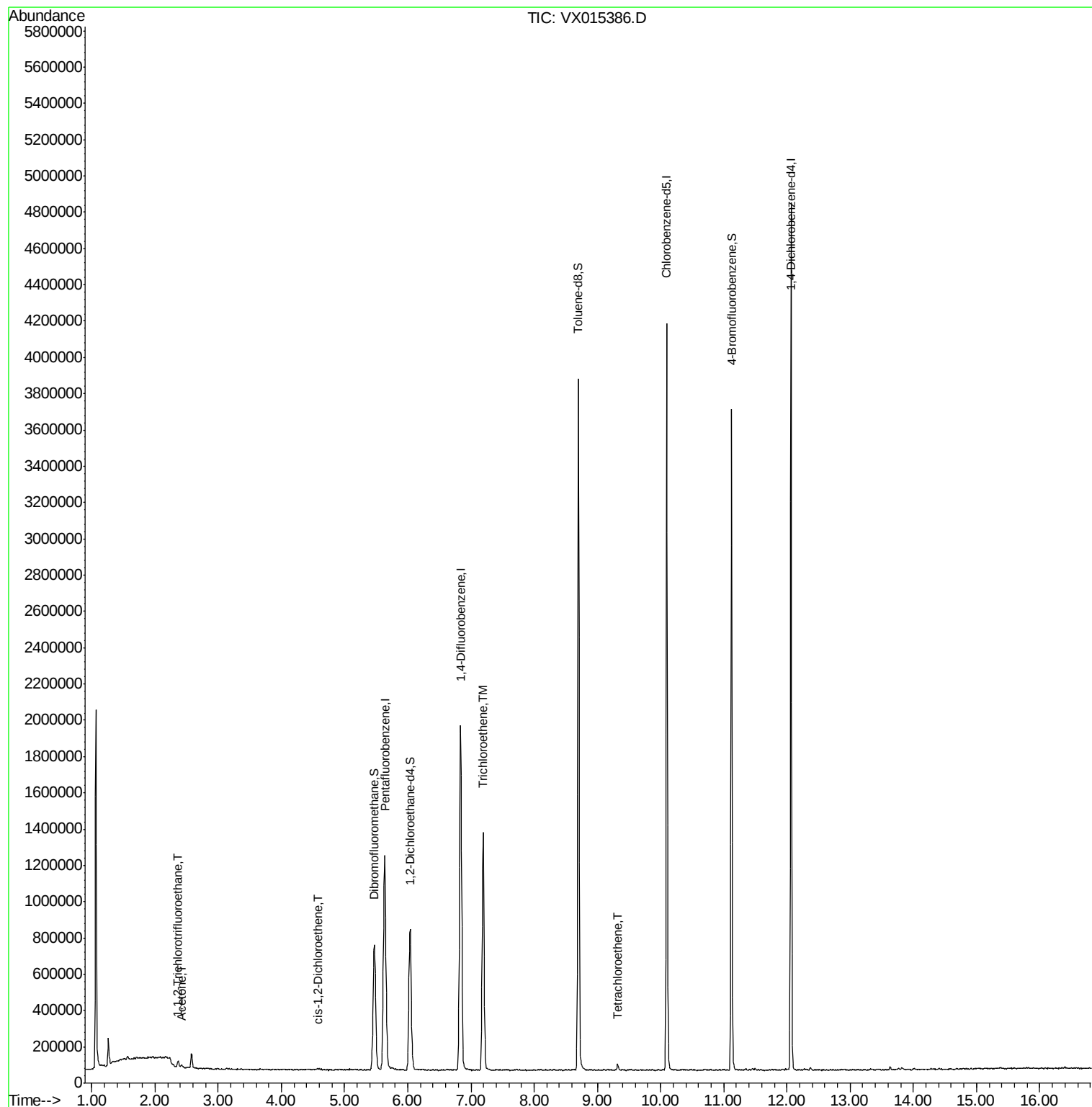
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1123549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1869334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1773968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	947539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	762165	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	572970	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	8.70	98	2238383	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.12	95	973994	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	12661	1.251	ug/l	92
16) Acetone	2.42	43	16430	2.413	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	4821	0.354	ug/l	98
44) Trichloroethene	7.19	130	498804	36.251	ug/l	99
64) Tetrachloroethene	9.32	164	8549	0.639	ug/l #	82

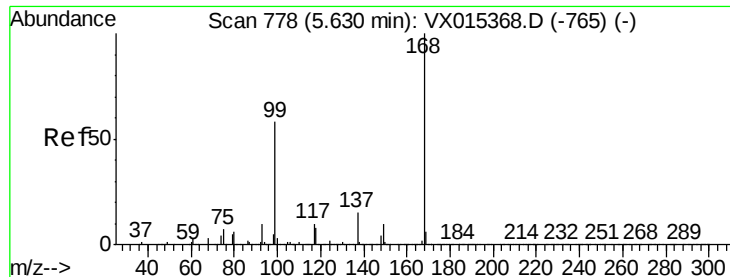
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015386.D

Acq: 27 Mar 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

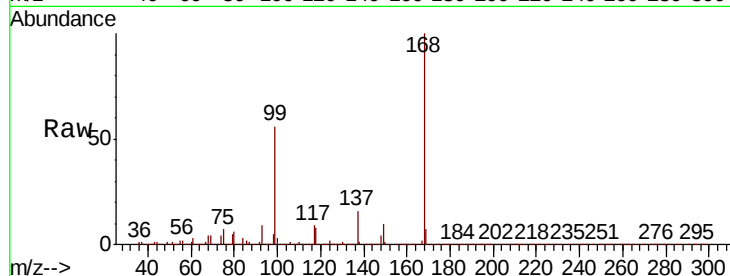
RE109D2-20200316

Tot Ion:168 Resp: 1123549

Ion Ratio Lower Upper

168 100

99 56.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

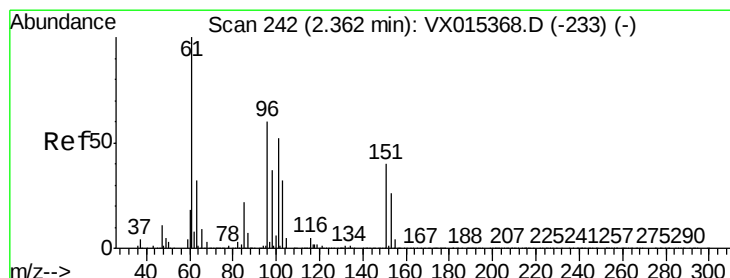
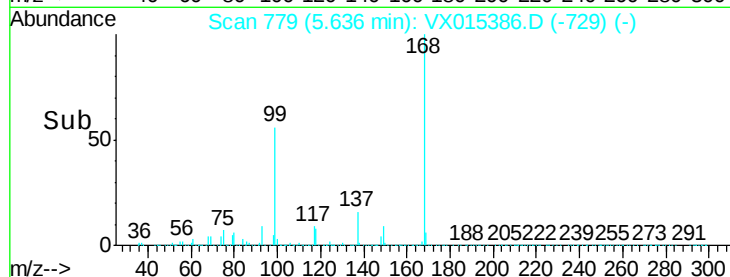
300000

200000

100000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.251 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015386.D

Acq: 27 Mar 2020 16:59

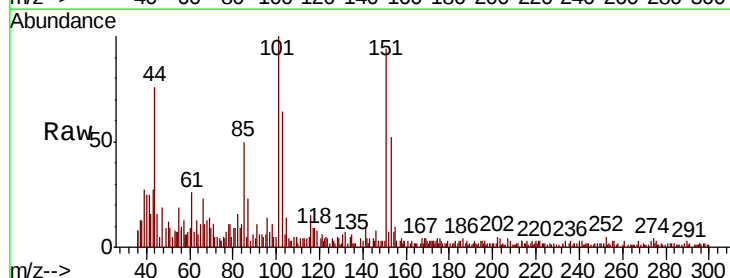
Tgt Ion:101 Resp: 12661

Ion Ratio Lower Upper

101 100

85 40.1 35.0 52.4

151 87.8 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

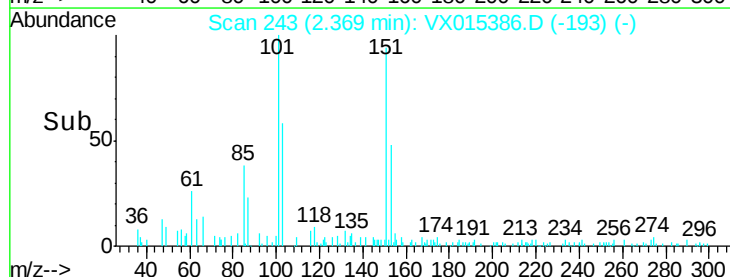
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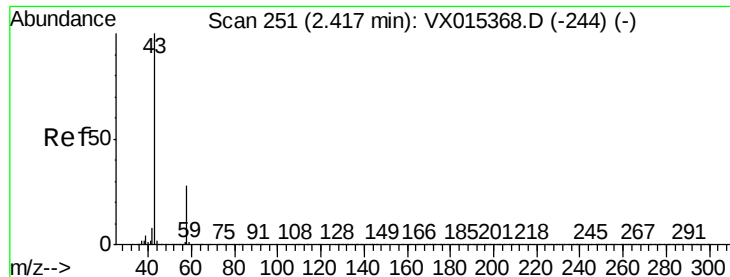
4000

2000

0

Time-->





#16

Acetone

Concen: 2.413 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015386.D

Acq: 27 Mar 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

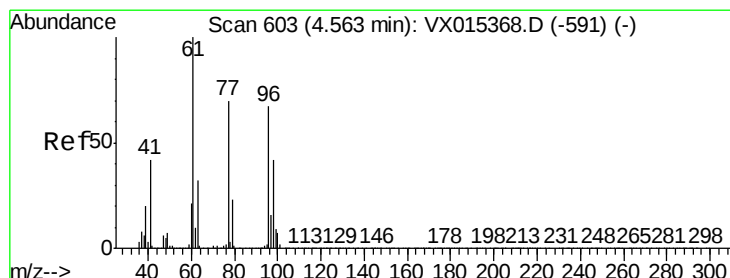
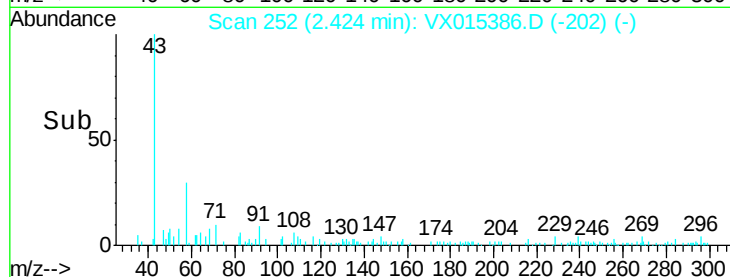
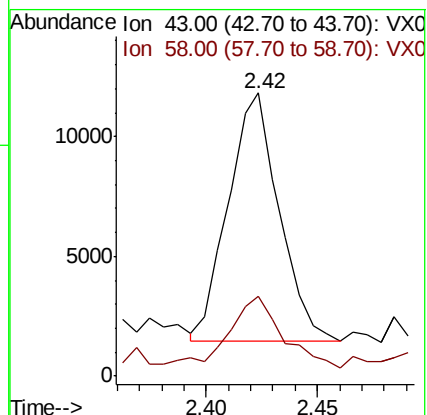
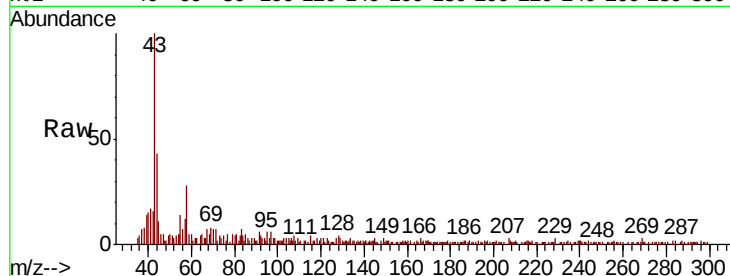
RE109D2-20200316

Tot Ion: 43 Resp: 16430

Ion Ratio Lower Upper

43 100

58 29.0 22.1 33.1



#27

cis-1,2-Dichloroethene

Concen: 0.354 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX015386.D

Acq: 27 Mar 2020 16:59

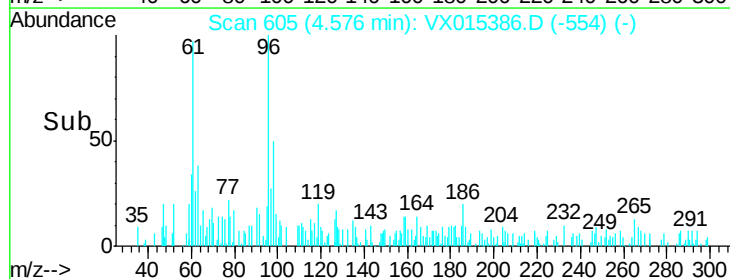
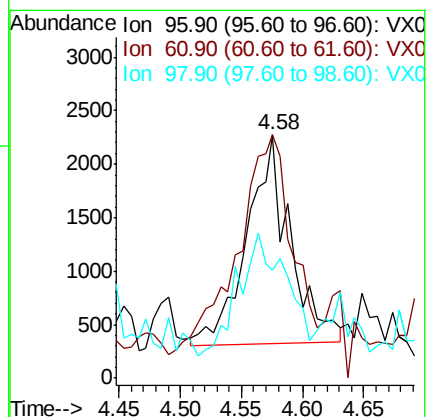
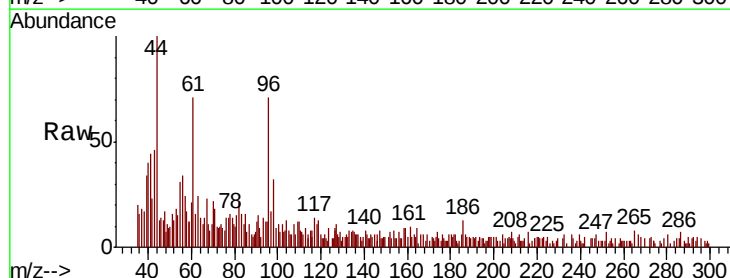
Tgt Ion: 96 Resp: 4821

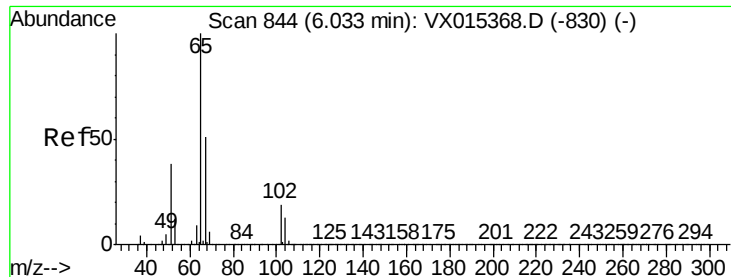
Ion Ratio Lower Upper

96 100

61 157.0 0.0 308.4

98 65.0 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 48.097 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015386.D

Acq: 27 Mar 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

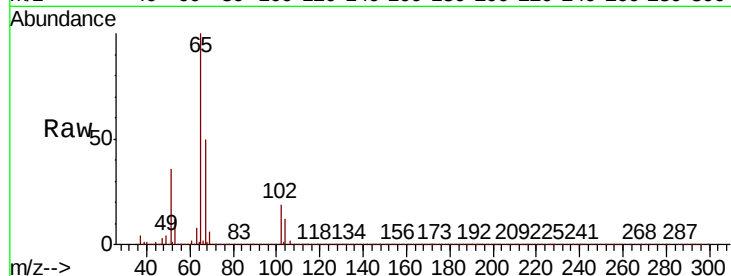
RE109D2-20200316

Tot Ion: 65 Resp: 762165

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

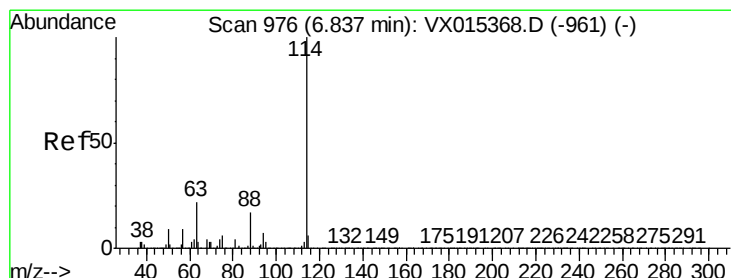
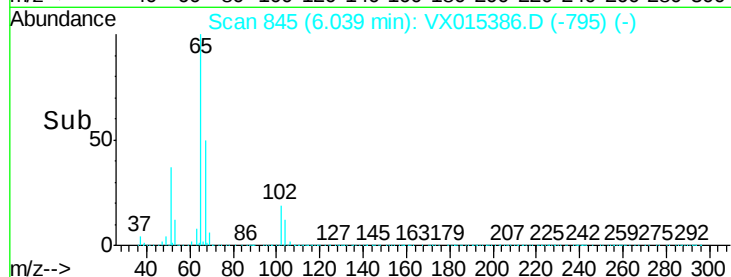
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015386.D

Acq: 27 Mar 2020 16:59

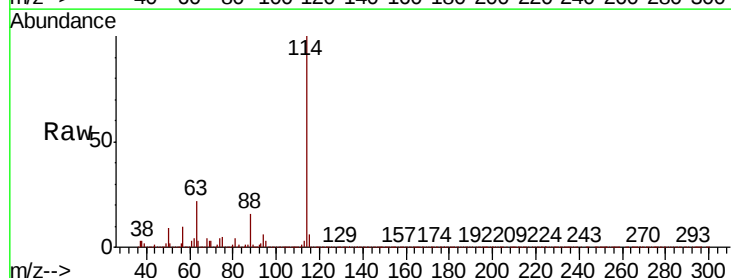
Tgt Ion: 114 Resp: 1869334

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

88 15.8 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

1000000

800000

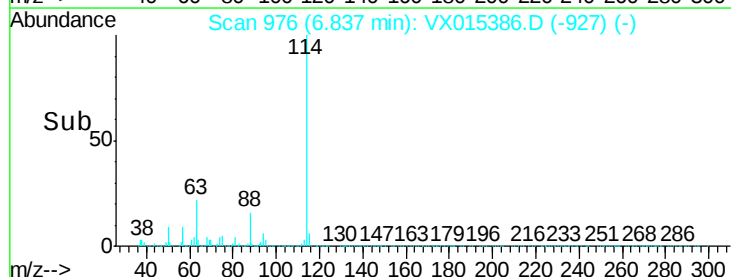
600000

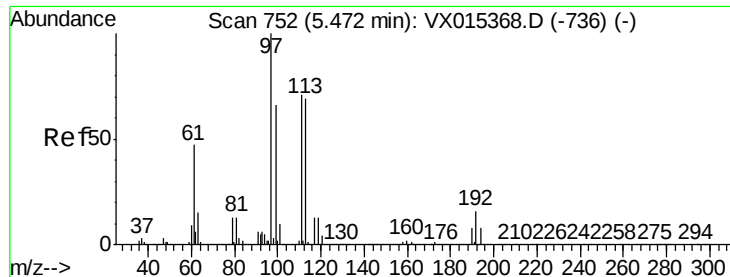
400000

200000

0

Time-->

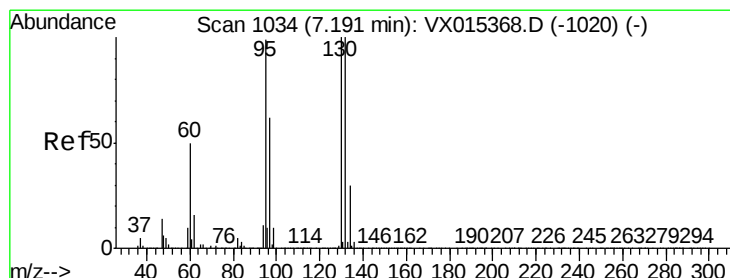
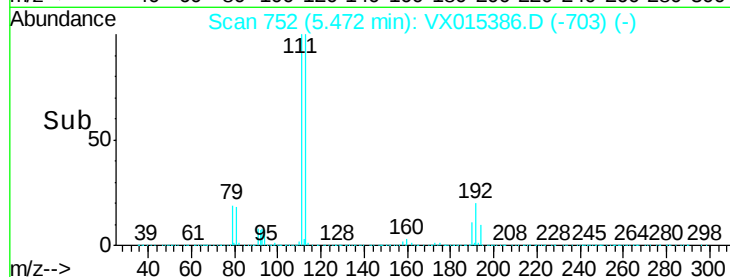
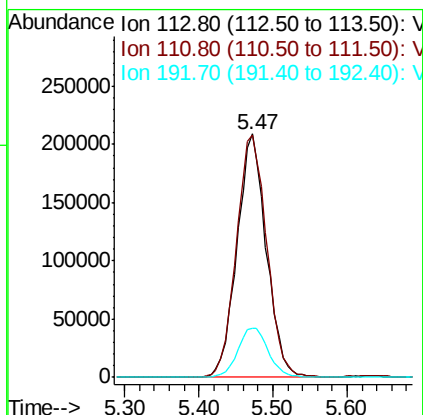
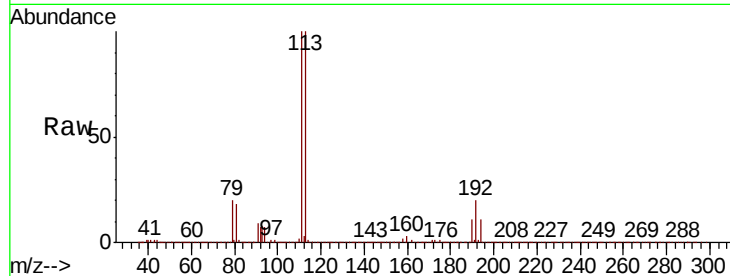




#35
Dibromofluoromethane
Concen: 47.950 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015386.D
Acq: 27 Mar 2020 16:59

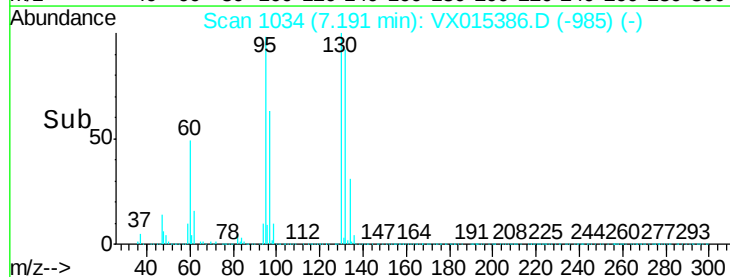
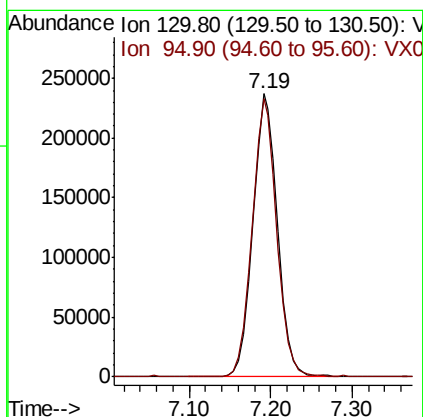
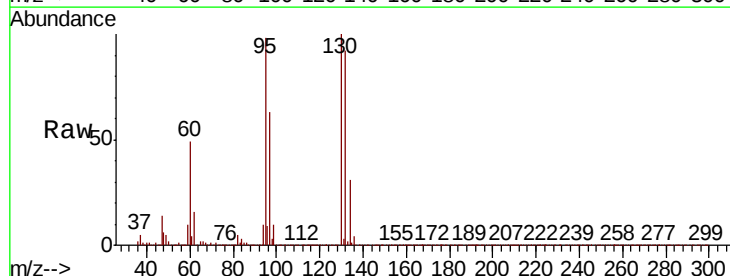
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20200316

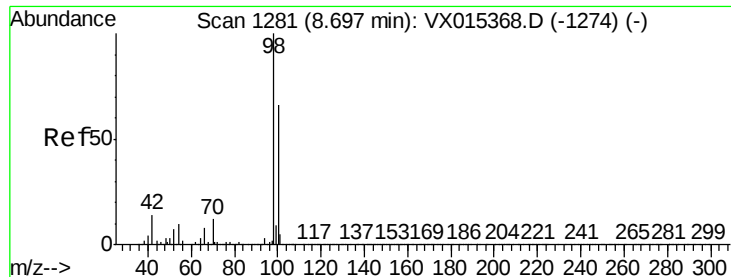
Tot Ion:113 Resp: 572970
Ion Ratio Lower Upper
113 100
111 104.3 81.5 122.3
192 21.5 17.8 26.6



#44
Trichloroethene
Concen: 36.251 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015386.D
Acq: 27 Mar 2020 16:59

Tgt Ion:130 Resp: 498804
Ion Ratio Lower Upper
130 100
95 98.0 0.0 199.0





#50

Toluene-d8

Concen: 50.879 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015386.D

Acq: 27 Mar 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

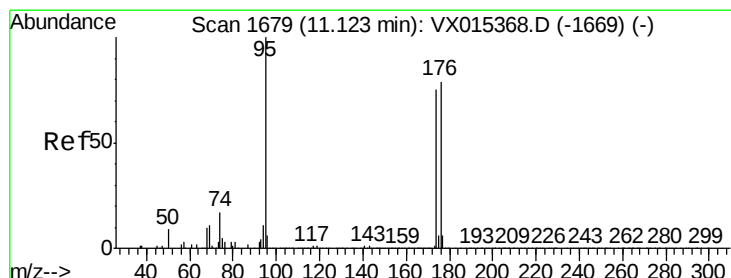
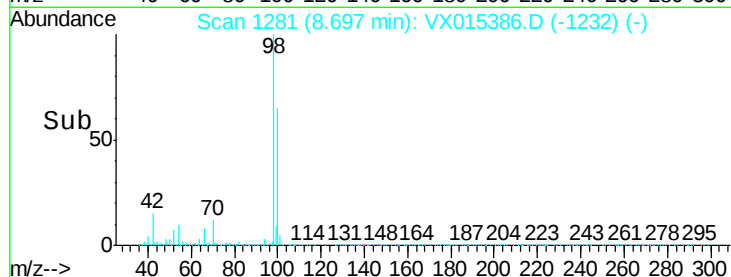
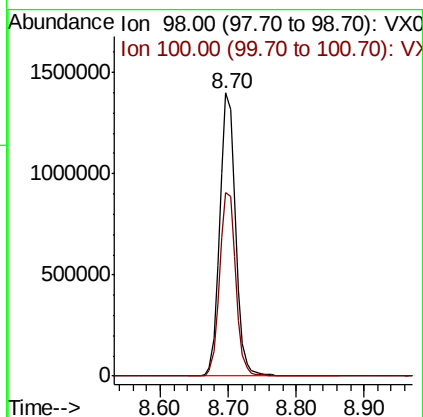
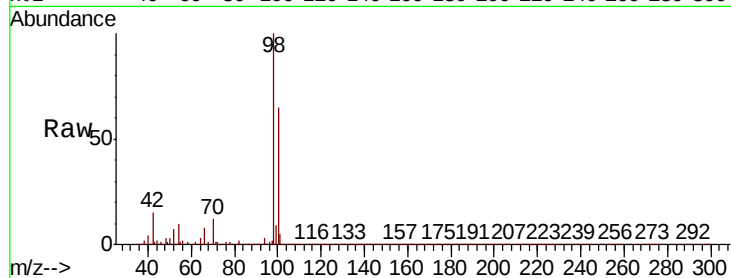
RE109D2-20200316

Tot Ion: 98 Resp: 2238383

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.476 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015386.D

Acq: 27 Mar 2020 16:59

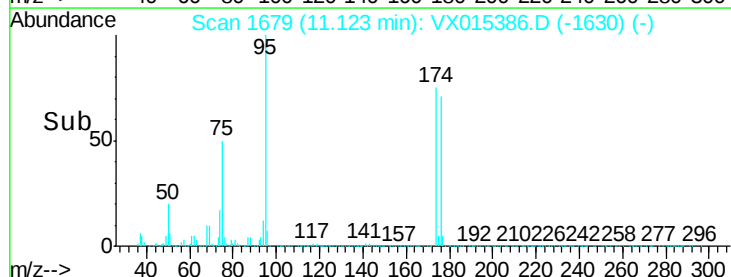
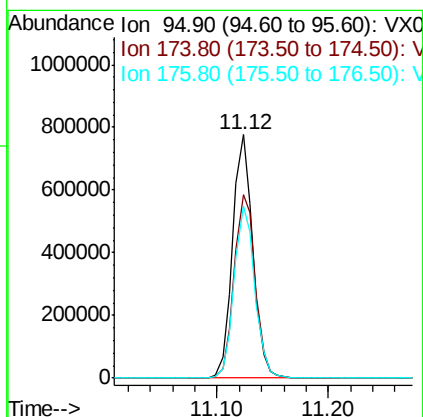
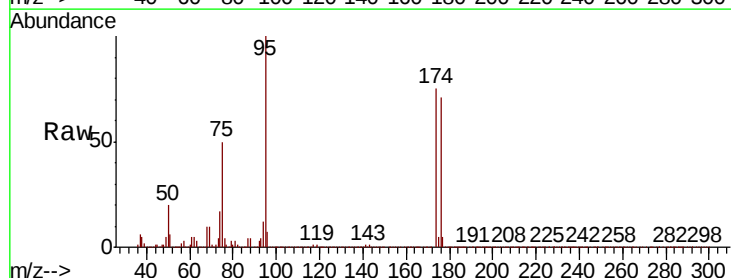
Tgt Ion: 95 Resp: 973994

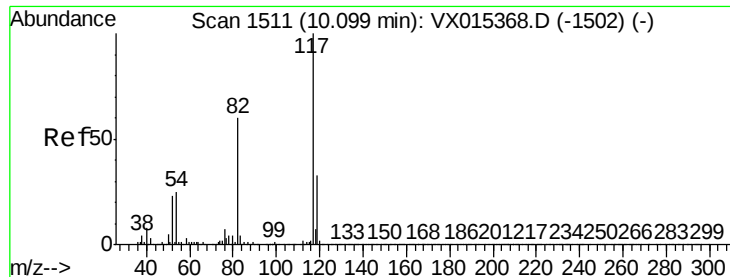
Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.6

176 72.8 0.0 159.0

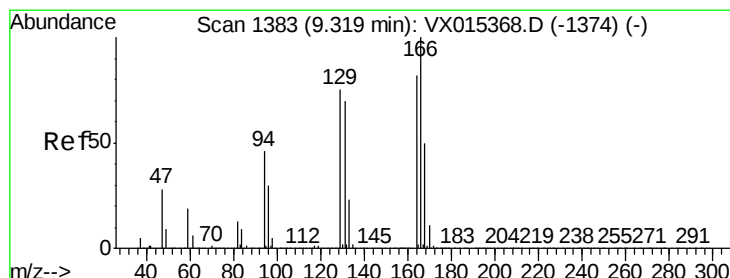
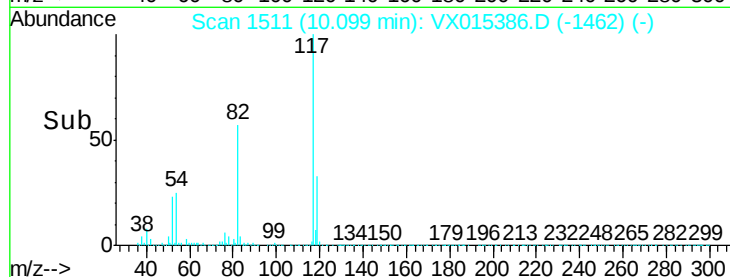
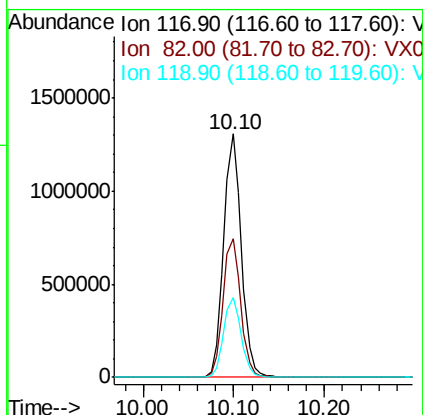
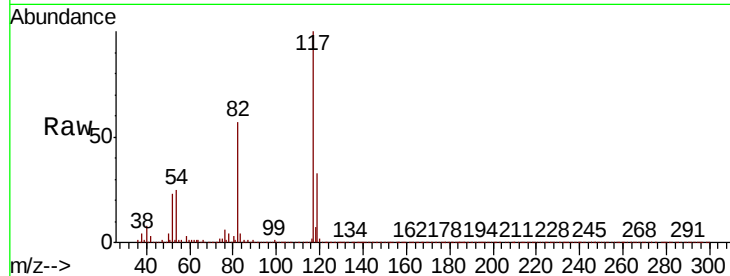




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015386.D
Acq: 27 Mar 2020 16:59

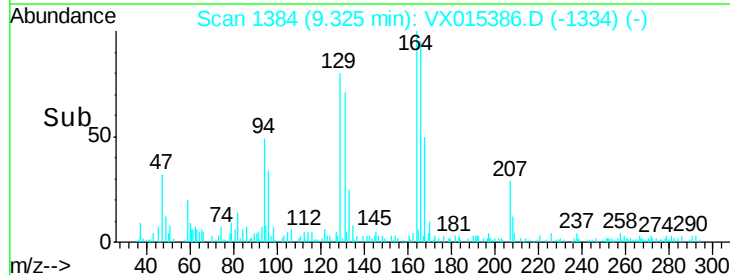
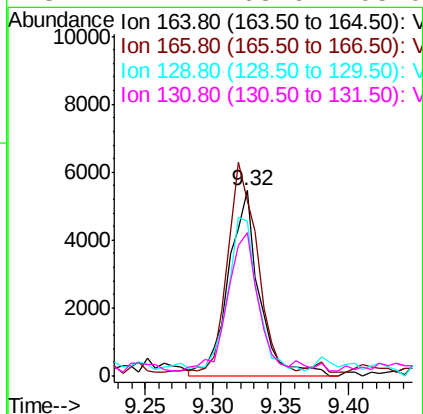
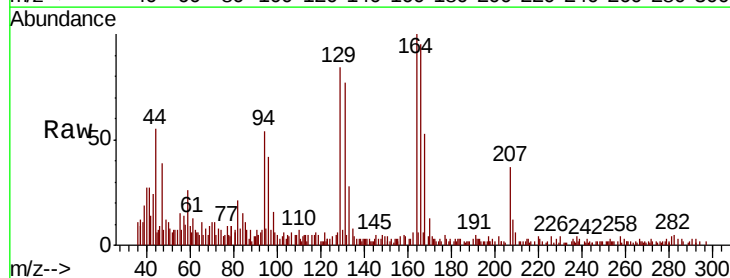
Instrument :
MSVOA_X
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RE109D2-20200316

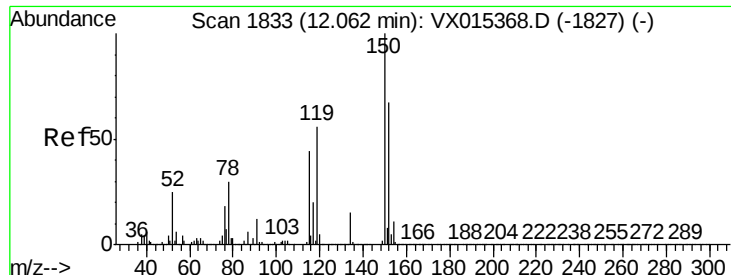
Tot Ion:117 Resp: 1773968
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.8
119 32.9 26.8 40.2



#64
Tetrachloroethene
Concen: 0.639 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015386.D
Acq: 27 Mar 2020 16:59

Tgt Ion:164 Resp: 8549
Ion Ratio Lower Upper
164 100
166 92.7 97.8 146.6#
129 78.9 73.0 109.4
131 74.2 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: VX015386.D

Acq: 27 Mar 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20200316

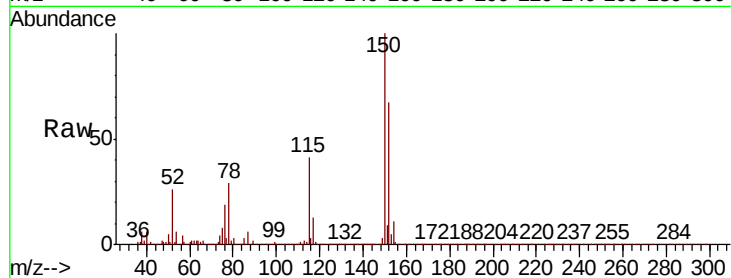
Tot Ion:152 Resp: 947539

Ion Ratio Lower Upper

152 100

115 59.4 39.0 116.9

150 152.3 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

