

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015695.D
 Acq On : 15 Apr 2020 19:46
 Operator : JC/SP
 Sample : L2233-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW302-200408

Quant Time: Apr 16 07:40:06 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	1050133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1610040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1556231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	851466	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	636651	42.99	ug/l	0.00
Spiked Amount			Recovery	=	85.98%	
35) Dibromofluoromethane	5.47	113	493230	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.70	98	1922596	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.12	95	797157	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	

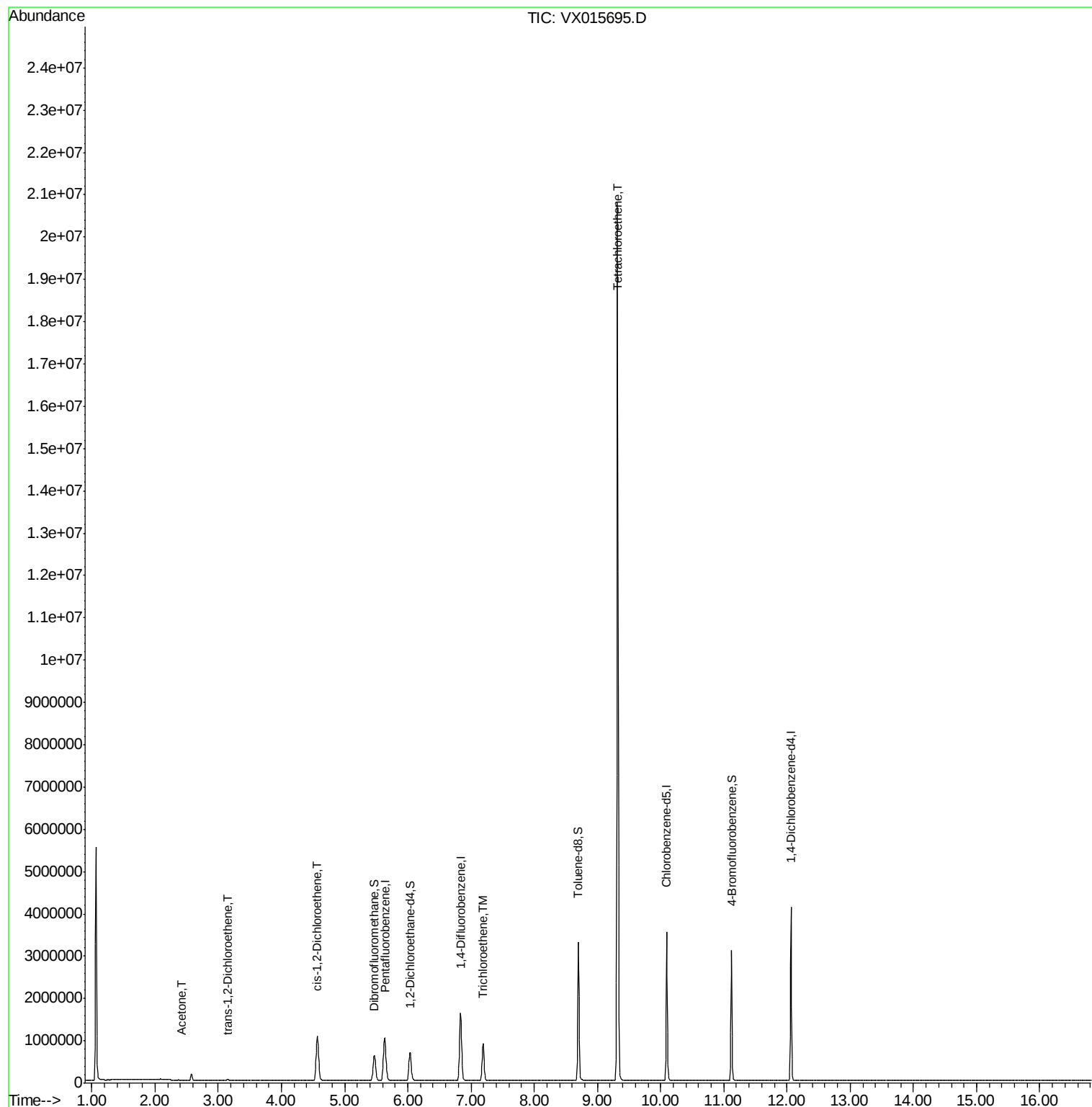
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	7857	1.235	ug/l #	69
21) trans-1,2-Dichloroethene	3.15	96	10519	0.956	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	671552	52.754	ug/l	89
44) Trichloroethene	7.19	130	345223	29.130	ug/l	98
64) Tetrachloroethene	9.32	164	4421838	376.503	ug/l	94

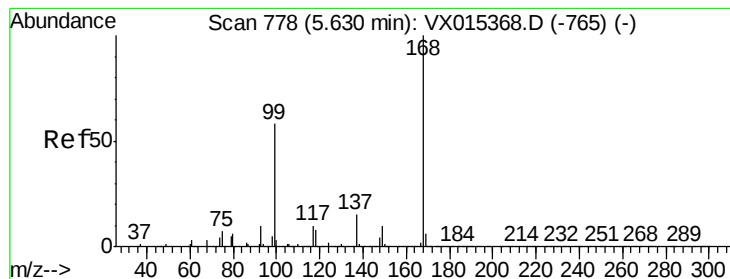
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

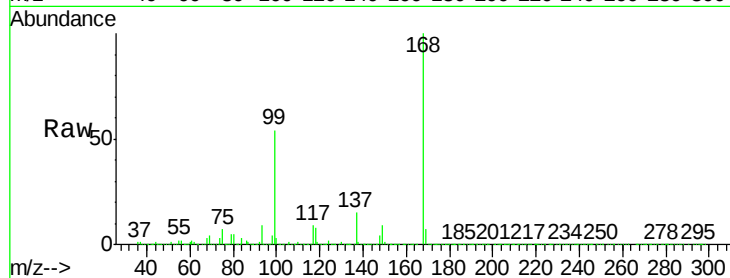
SS037MW302-200408

Tot Ion:168 Resp: 1050133

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

5.63

400000

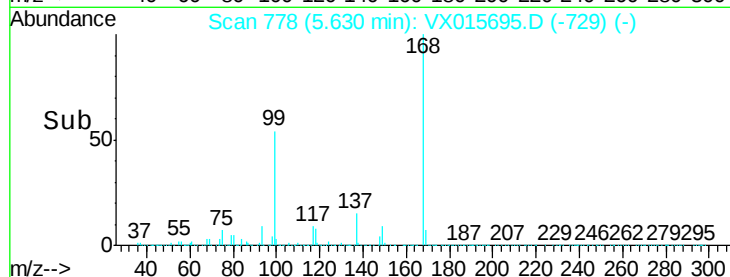
300000

200000

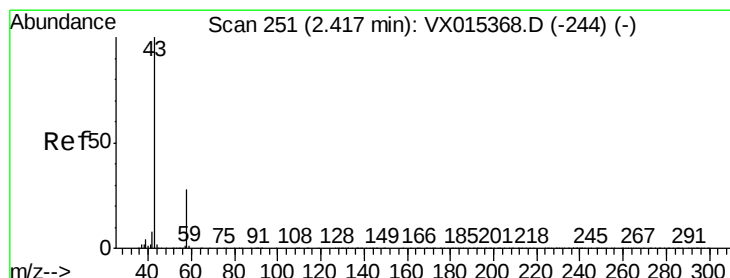
100000

0

5.50 5.60 5.70



Time-->



#16

Acetone

Concen: 1.235 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015695.D

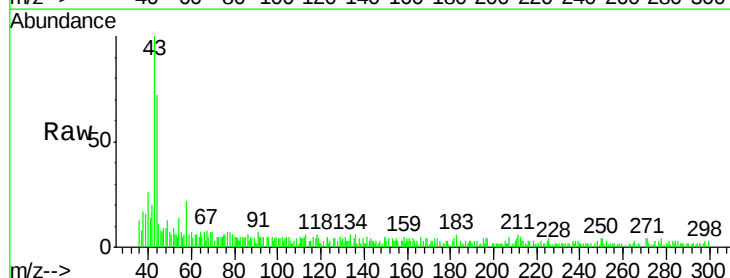
Acq: 15 Apr 2020 19:46

Tgt Ion: 43 Resp: 7857

Ion Ratio Lower Upper

43 100

58 11.6 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

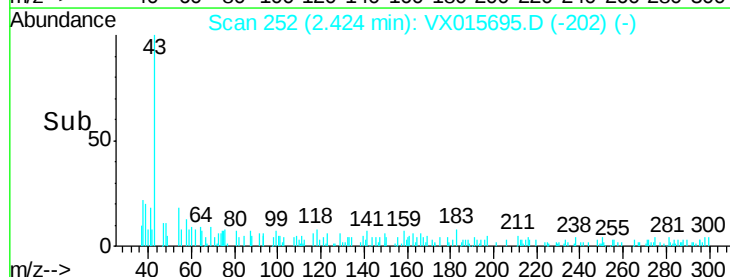
3000

2000

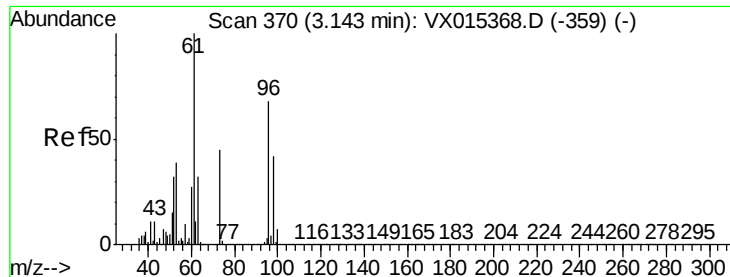
1000

0

2.35 2.40 2.45



Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.956 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

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ClientSampleId :

SS037MW302-200408

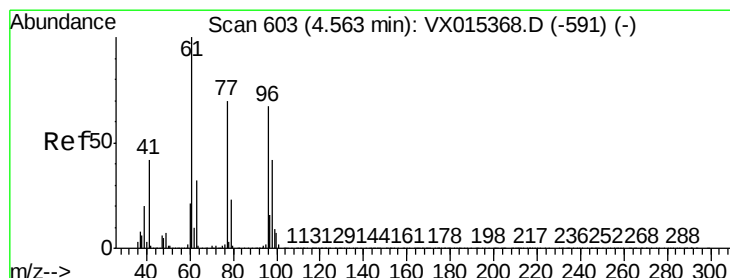
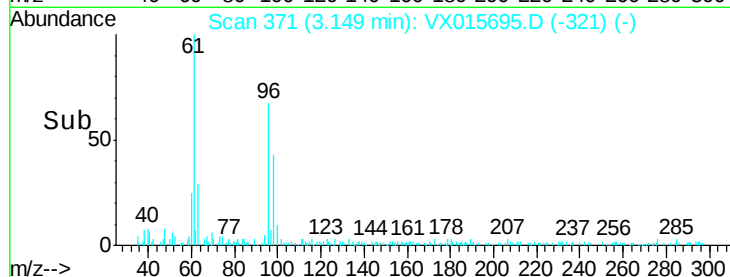
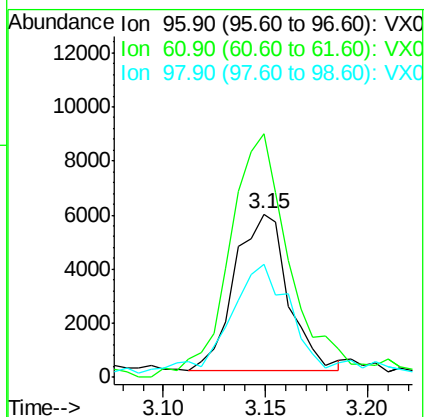
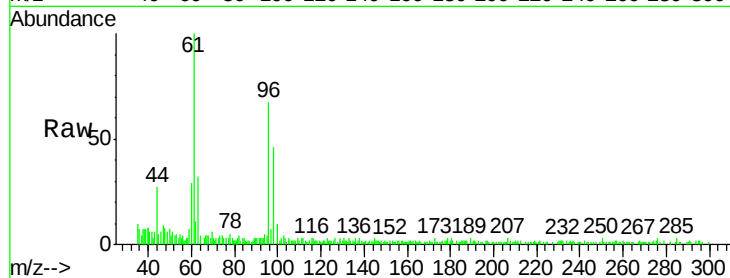
Tot Ion: 96 Resp: 10519

Ion Ratio Lower Upper

96 100

61 140.7 116.9 175.3

98 63.2 48.6 73.0



#27

cis-1,2-Dichloroethene

Concen: 52.754 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

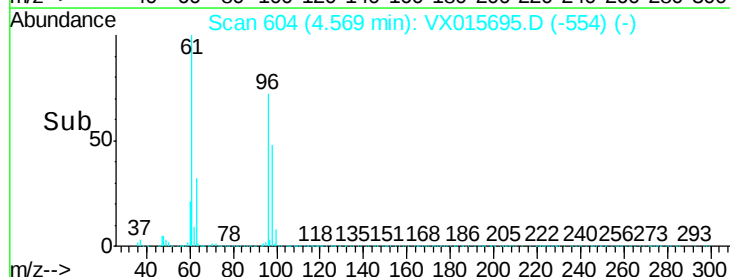
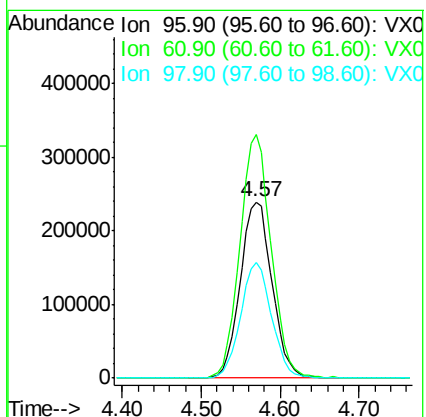
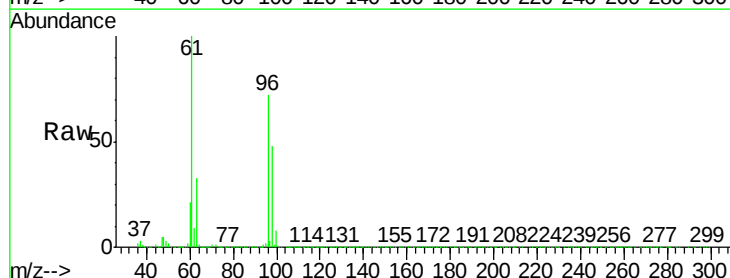
Tgt Ion: 96 Resp: 671552

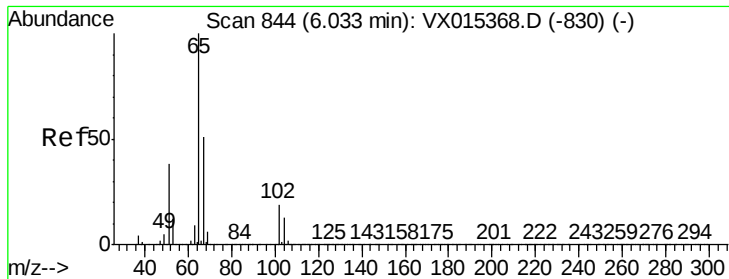
Ion Ratio Lower Upper

96 100

61 135.2 0.0 308.4

98 63.8 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 42.985 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

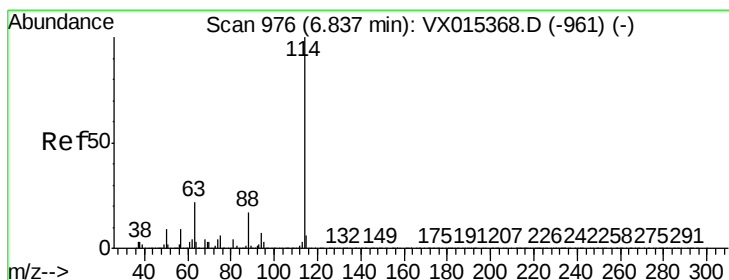
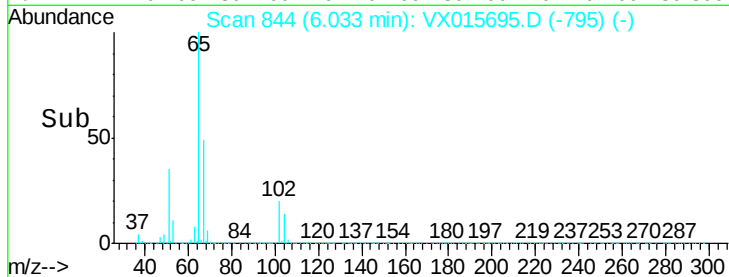
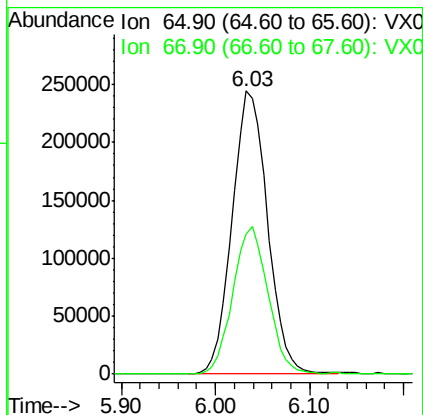
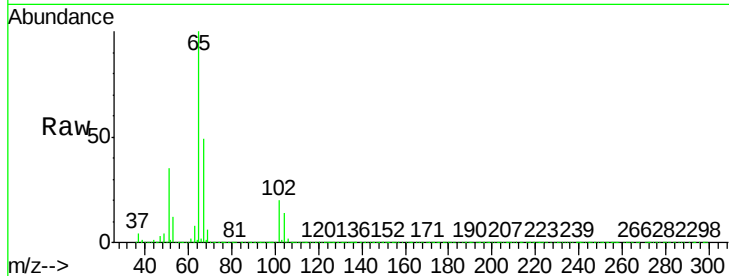
SS037MW302-200408

Tot Ion: 65 Resp: 636651

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

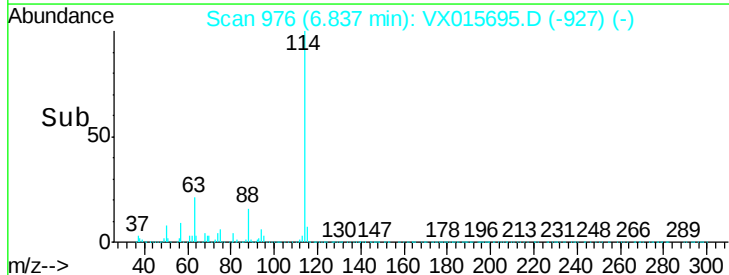
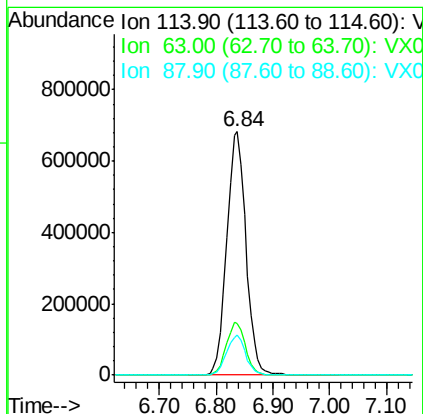
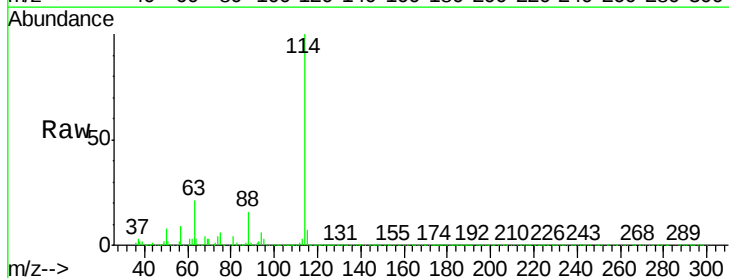
Tgt Ion: 114 Resp: 1610040

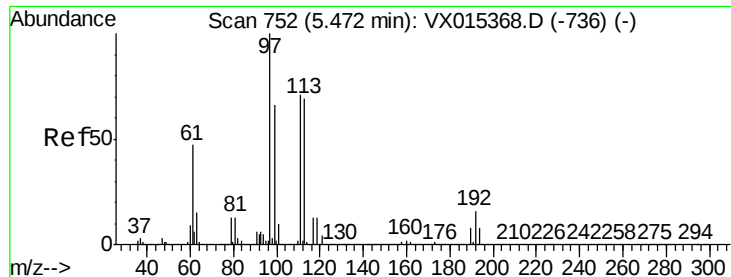
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.924 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

SS037MW302-200408

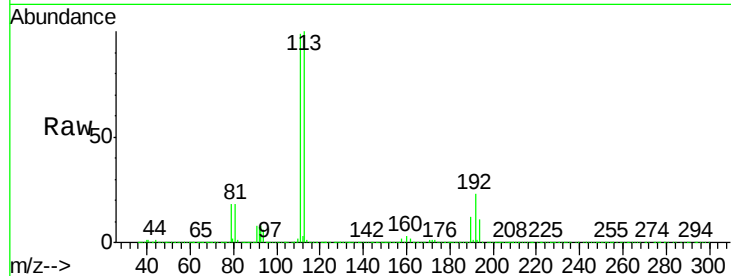
Tot Ion:113 Resp: 493230

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

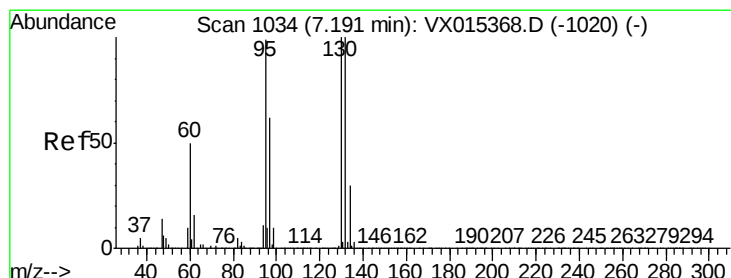
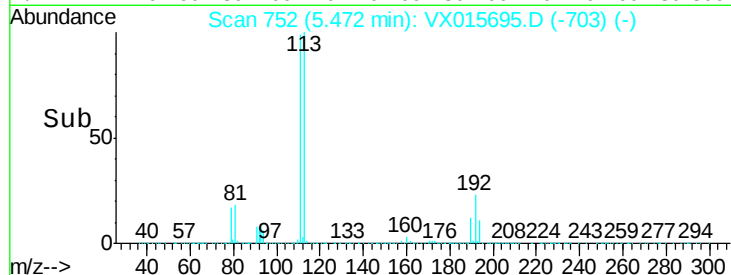
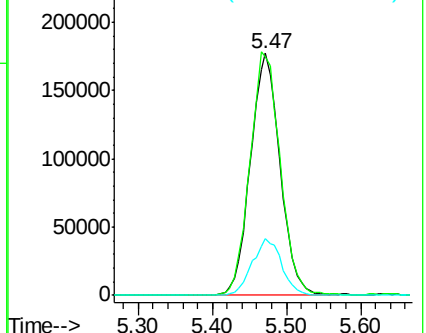
192 23.2 17.8 26.6



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: 29.130 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015695.D

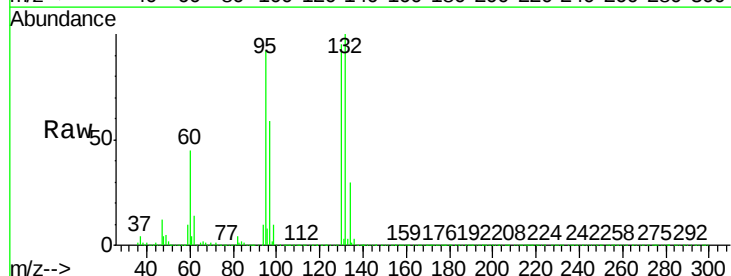
Acq: 15 Apr 2020 19:46

Tgt Ion:130 Resp: 345223

Ion Ratio Lower Upper

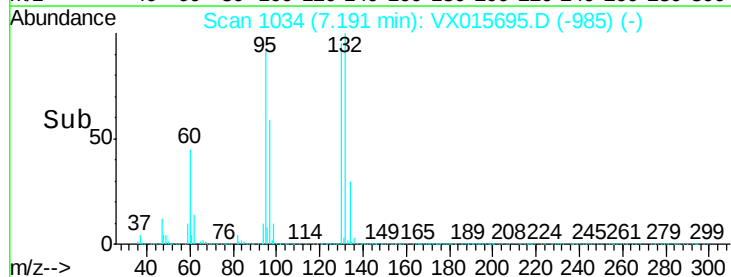
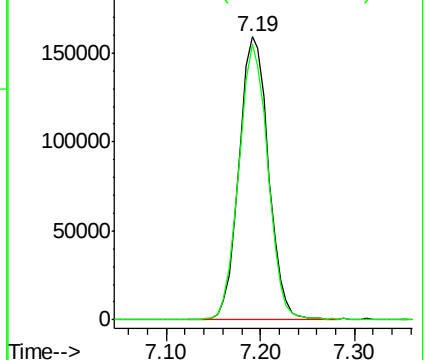
130 100

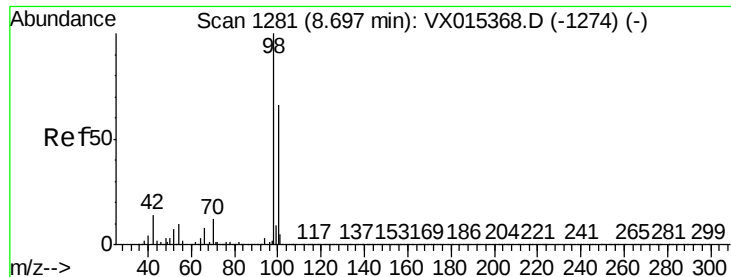
95 97.3 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.739 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

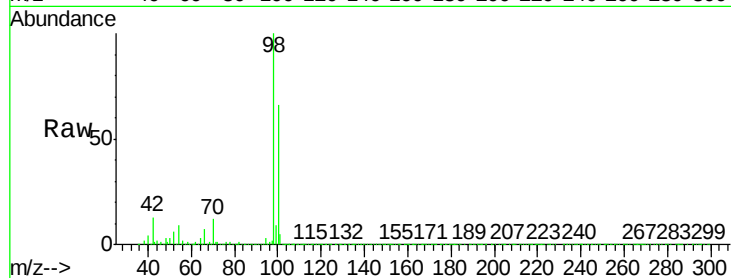
SS037MW302-200408

Tot Ion: 98 Resp: 1922596

Ion Ratio Lower Upper

98 100

100 66.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

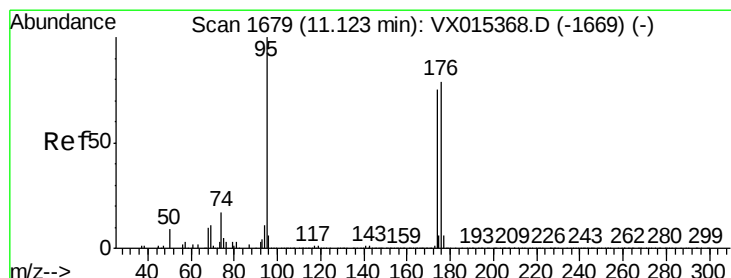
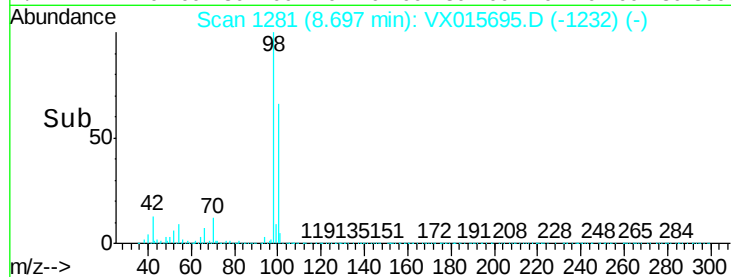
1000000

500000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 51.766 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

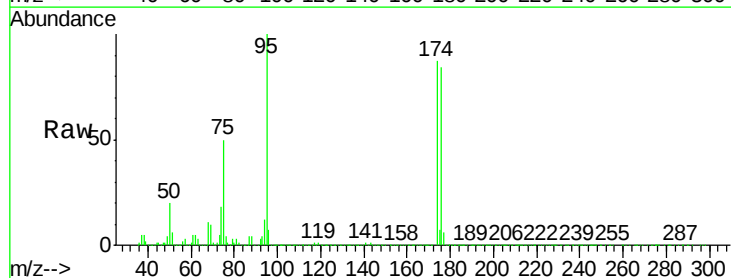
Tgt Ion: 95 Resp: 797157

Ion Ratio Lower Upper

95 100

174 87.9 0.0 158.6

176 86.4 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

800000

600000

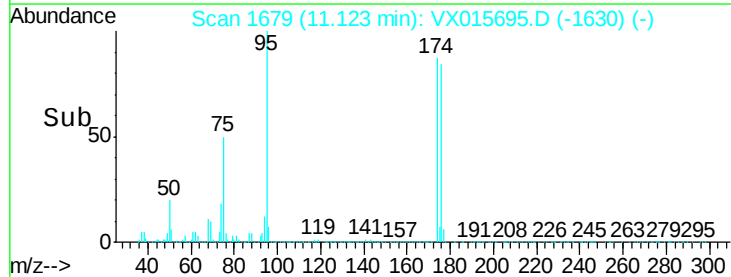
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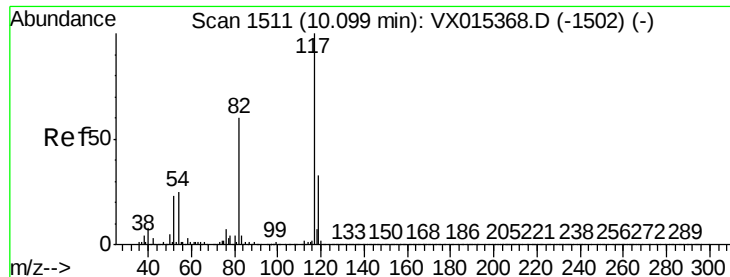
200000

0

Time-->

11.10 11.20

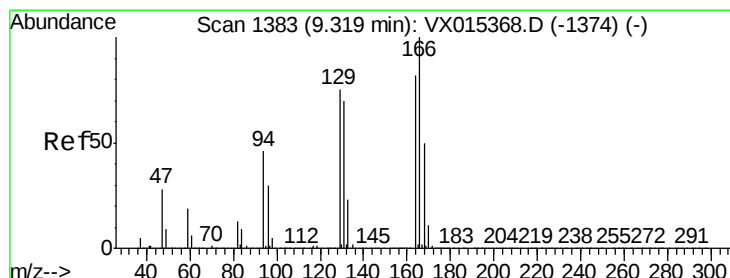
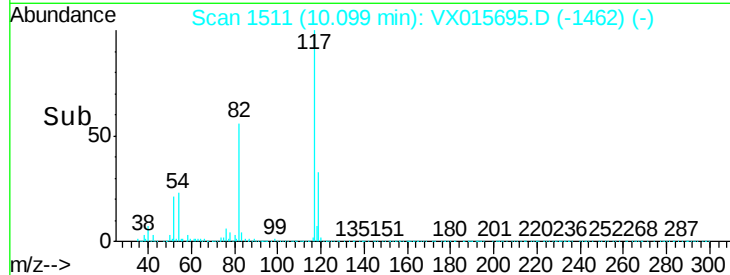
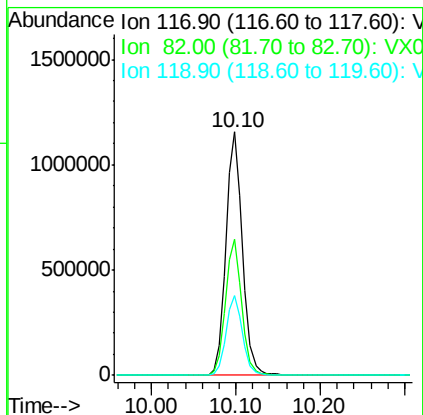
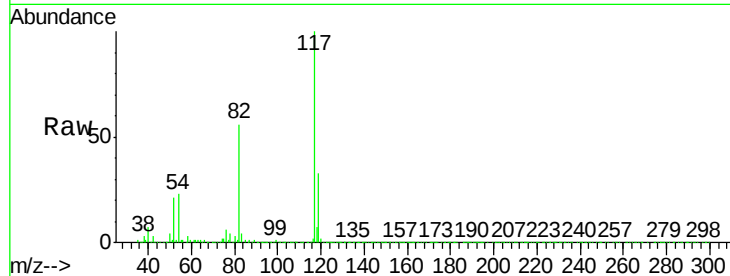




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015695.D
Acq: 15 Apr 2020 19:46

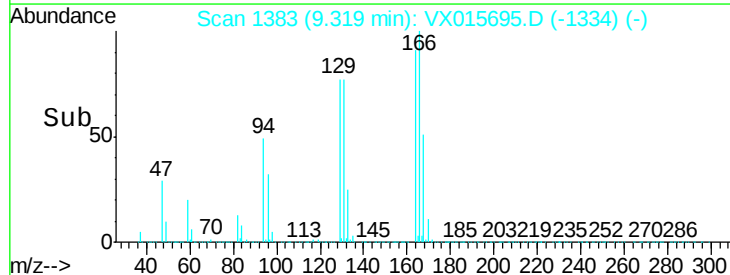
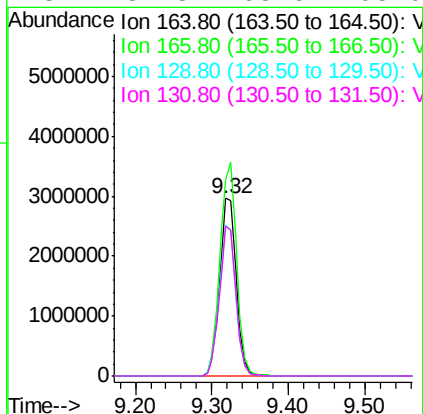
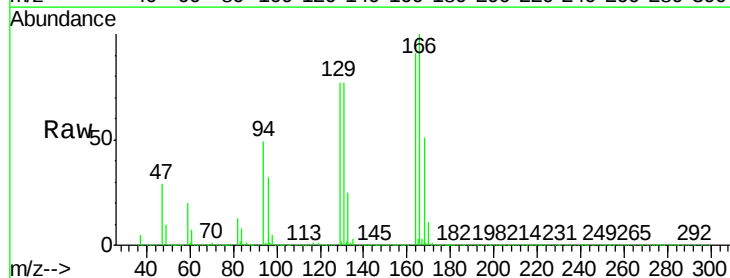
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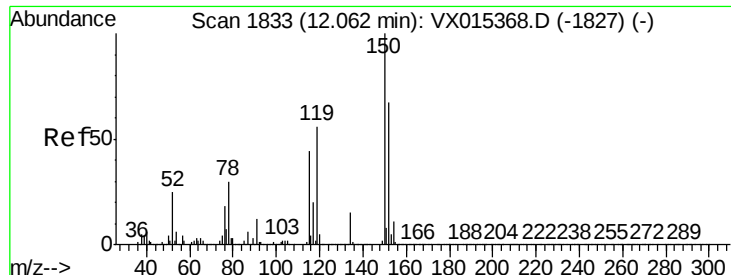
Tot Ion:117 Resp: 1556231
Ion Ratio Lower Upper
117 100
82 55.7 47.8 71.8
119 33.0 26.8 40.2



#64
Tetrachloroethene
Concen: 376.503 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015695.D
Acq: 15 Apr 2020 19:46

Tgt Ion:164 Resp: 4421838
Ion Ratio Lower Upper
164 100
166 110.3 97.8 146.6
129 85.4 73.0 109.4
131 84.8 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015695.D

Acq: 15 Apr 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

SS037MW302-200408

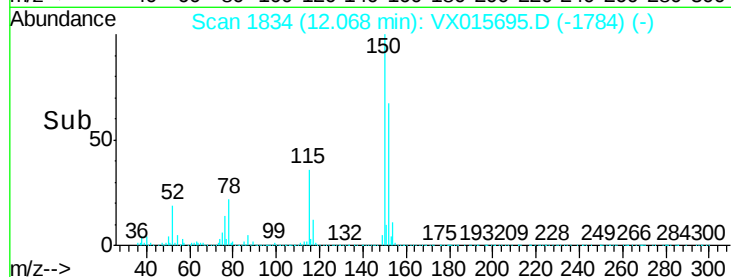
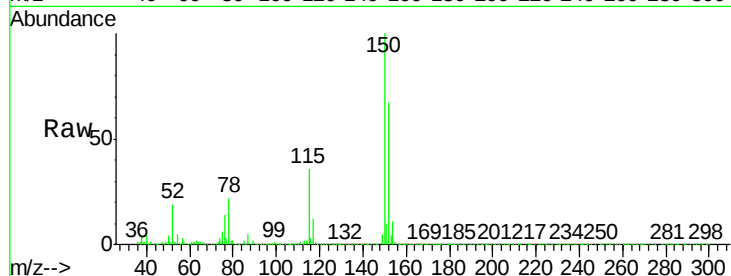
Tot Ion:152 Resp: 851466

Ion Ratio Lower Upper

152 100

115 58.5 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

