

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015725.D
 Acq On : 16 Apr 2020 20:09
 Operator : JC/SP
 Sample : L2294-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-DUP-0545-200413

Quant Time: Apr 17 08:49:23 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

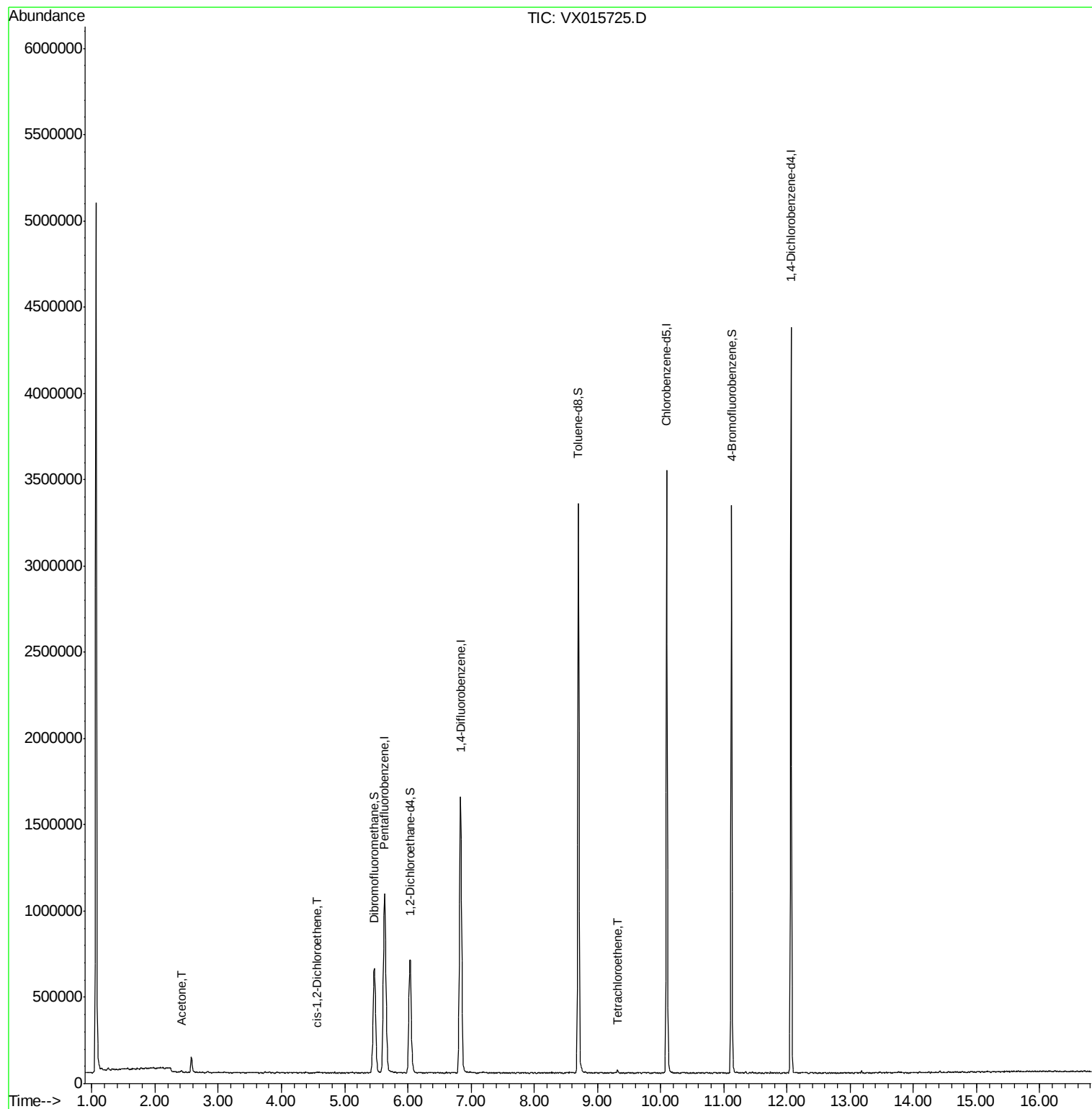
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1115269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1669661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1588431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	907424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	644040	40.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.88%	
35) Dibromofluoromethane	5.47	113	507431	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.70	98	2001192	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.12	95	830093	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
Target Compounds						
16) Acetone	2.42	43	12210	1.807	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	4403	0.326	ug/l	87
64) Tetrachloroethene	9.32	164	4627	0.386	ug/l #	70

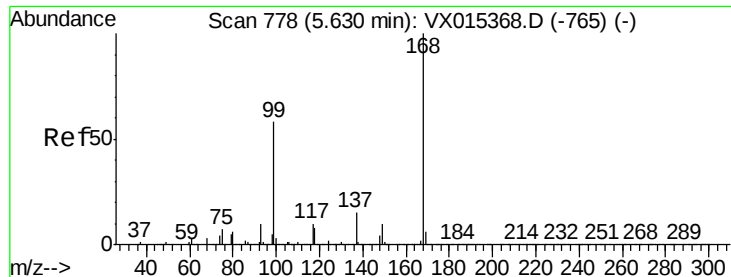
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

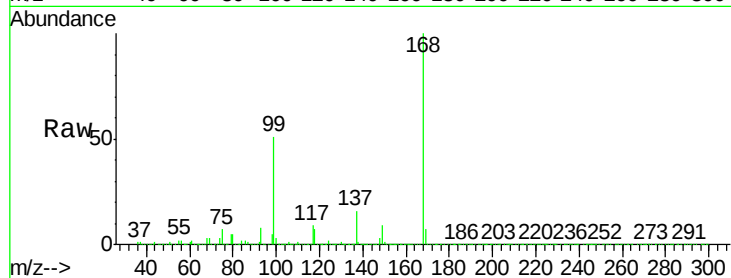
Z3-DUP-0545-200413

Tot Ion:168 Resp: 1115269

Ion Ratio Lower Upper

168 100

99 50.7 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

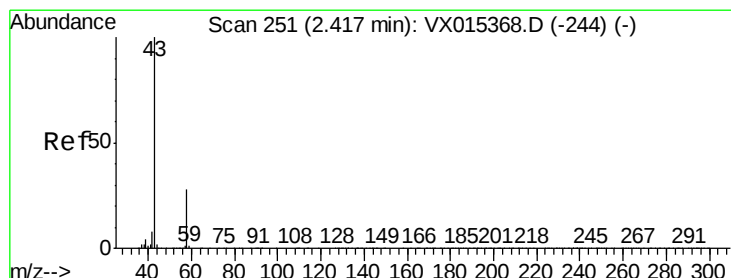
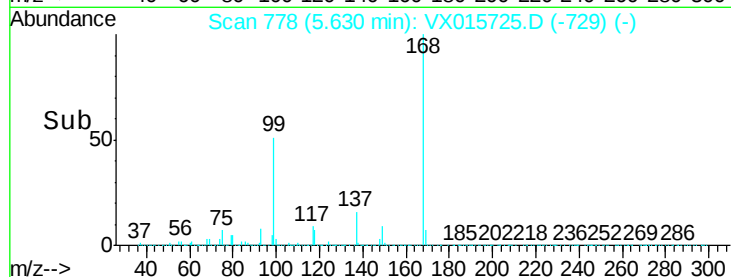
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 1.807 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015725.D

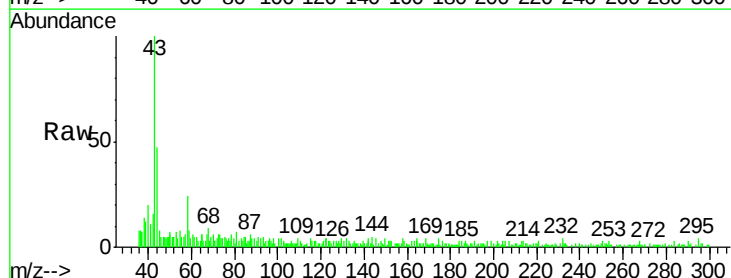
Acq: 16 Apr 2020 20:09

Tgt Ion: 43 Resp: 12210

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

2.42

8000

6000

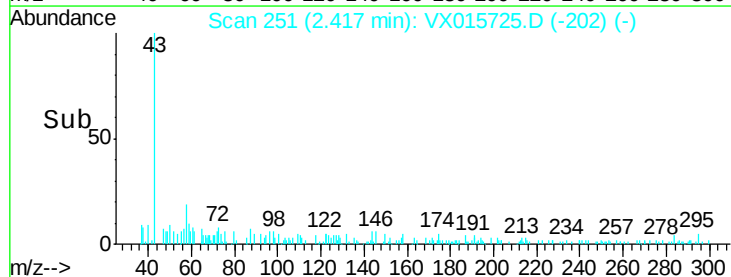
4000

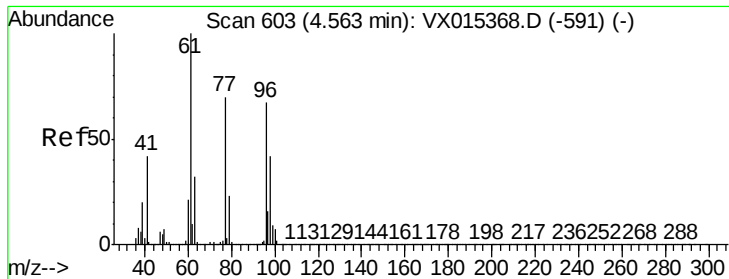
2000

0

2.35 2.40 2.45 2.50

Time-->



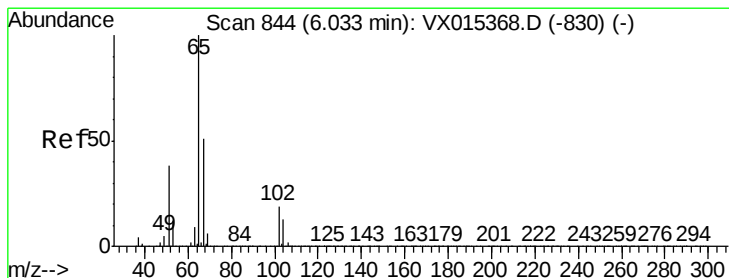
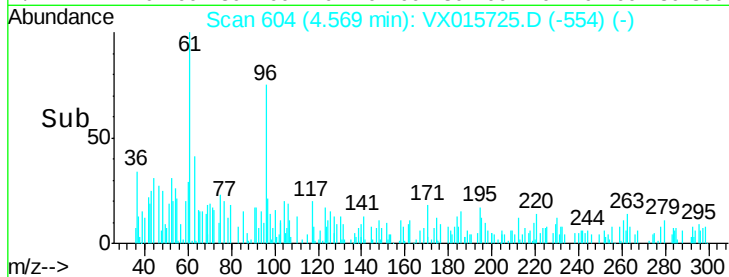
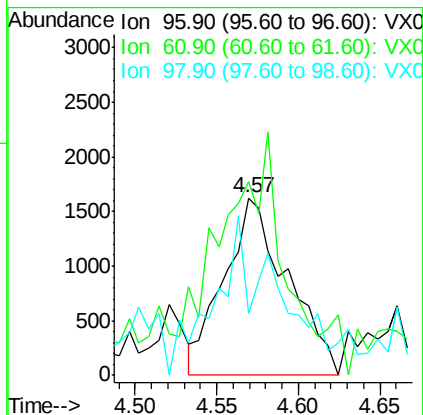
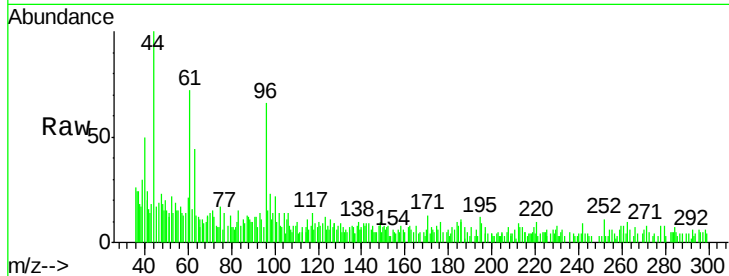


#27

cis-1,2-Dichloroethene
Concen: 0.326 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015725.D
Acq: 16 Apr 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
Z3-DUP-0545-200413

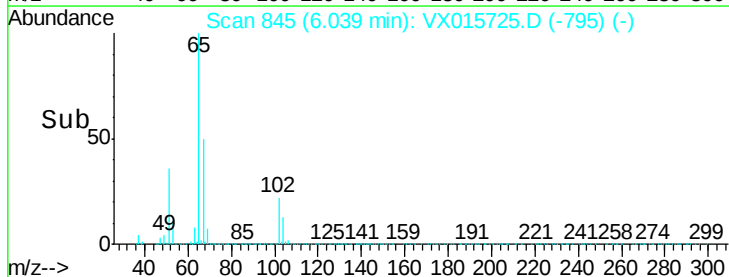
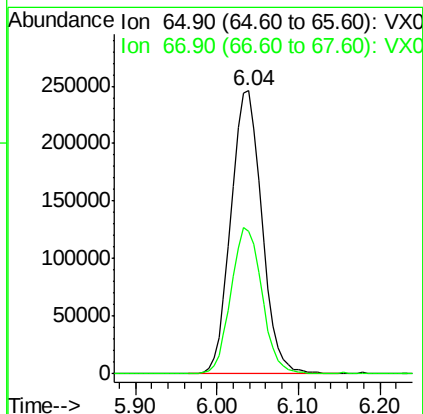
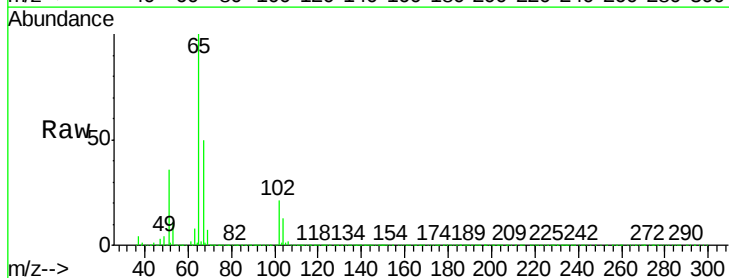
Tot Ion: 96 Resp: 4403
Ion Ratio Lower Upper
96 100
61 139.1 0.0 308.4
98 52.4 0.0 129.2

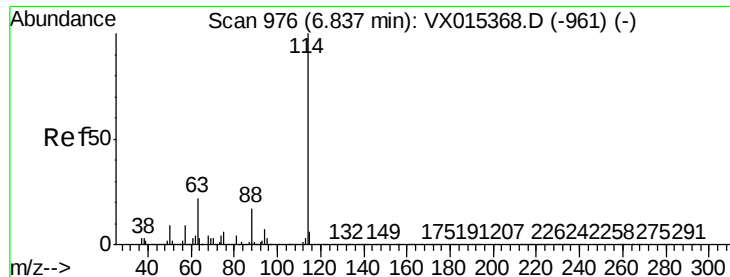


#33

1,2-Dichloroethane-d4
Concen: 40.944 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015725.D
Acq: 16 Apr 2020 20:09

Tgt Ion: 65 Resp: 644040
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: VX015725.D

Acq: 16 Apr 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0545-200413

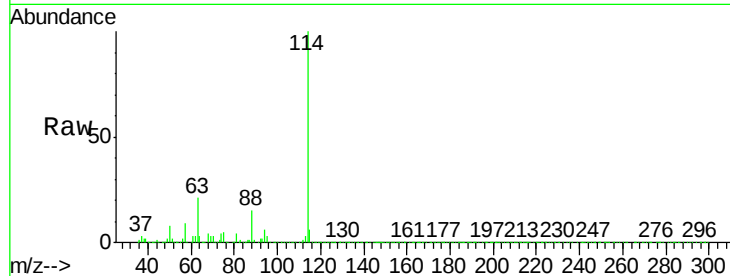
Tot Ion:114 Resp: 1669661

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

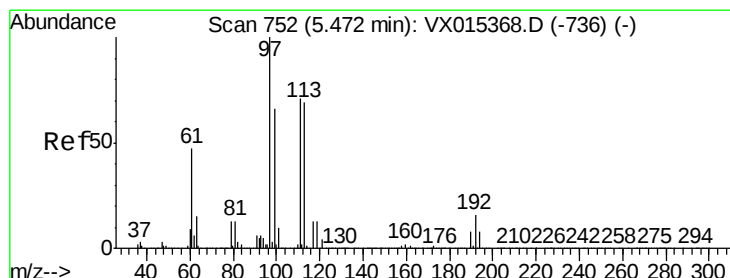
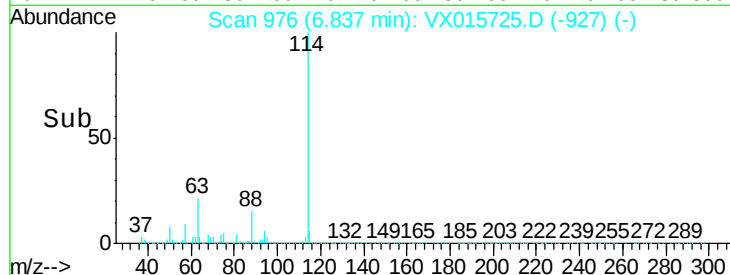
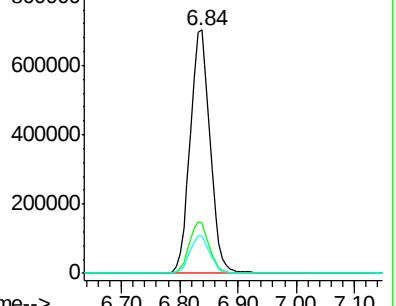
88 15.3 0.0 33.8



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: 47.544 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015725.D

Acq: 16 Apr 2020 20:09

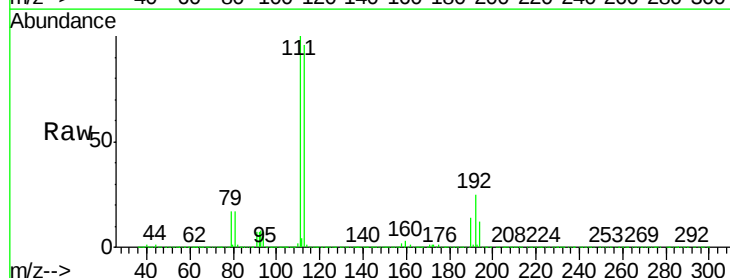
Tgt Ion:113 Resp: 507431

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

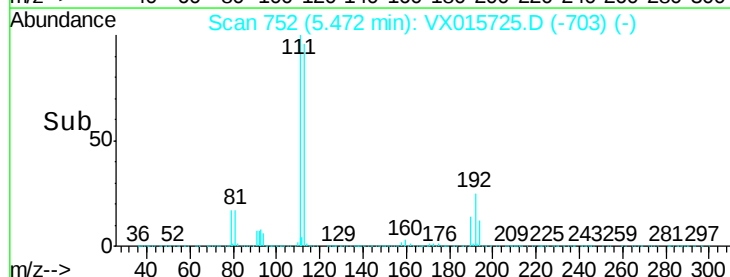
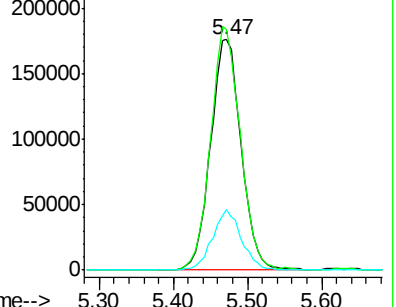
192 24.9 17.8 26.6

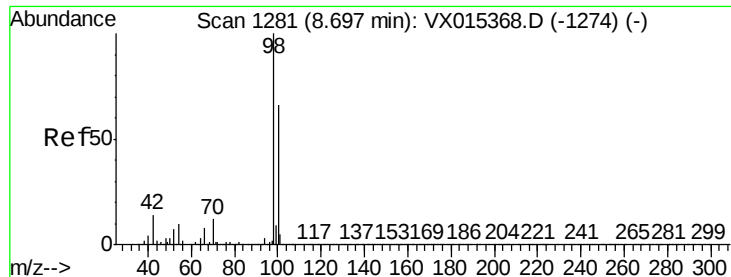


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.928 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015725.D

Acq: 16 Apr 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

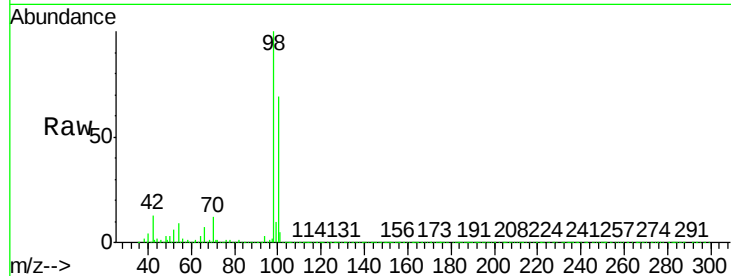
Z3-DUP-0545-200413

Tot Ion: 98 Resp: 2001192

Ion Ratio Lower Upper

98 100

100 66.5 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

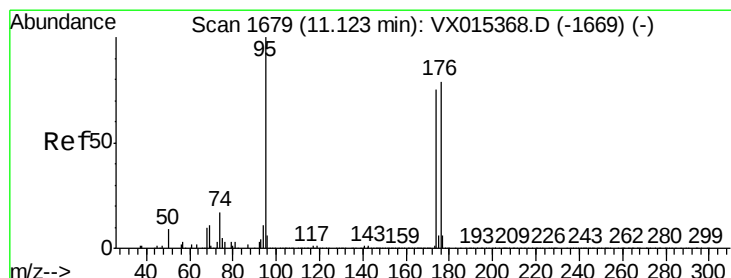
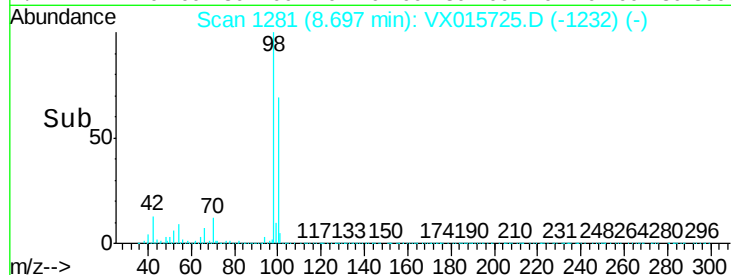
1000000

500000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 51.980 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015725.D

Acq: 16 Apr 2020 20:09

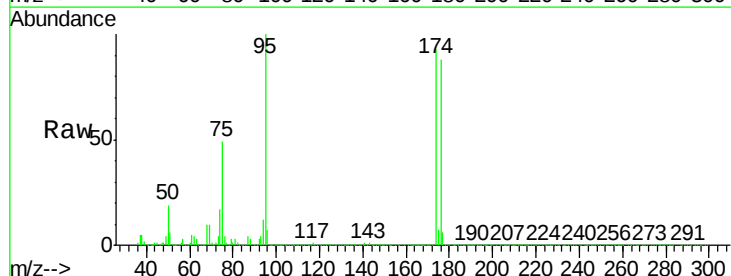
Tgt Ion: 95 Resp: 830093

Ion Ratio Lower Upper

95 100

174 92.1 0.0 158.6

176 87.5 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

11.12

800000

600000

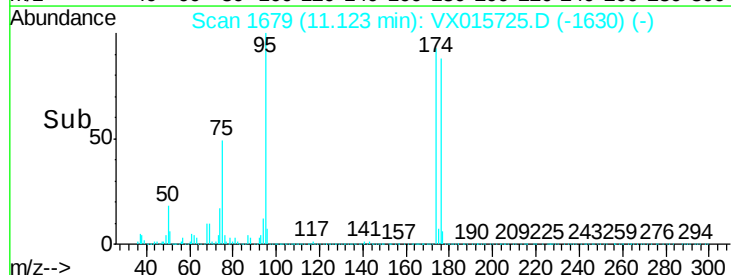
400000

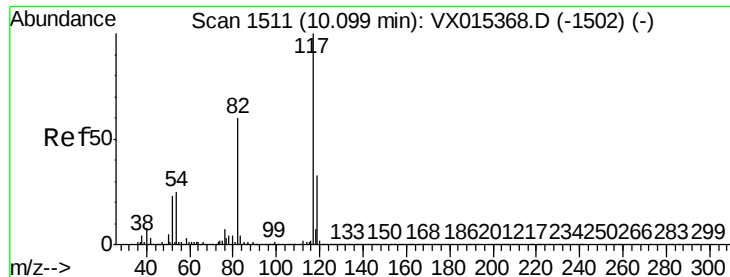
200000

0

Time-->

11.10 11.20

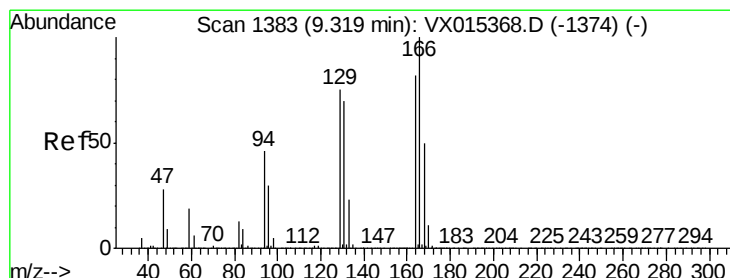
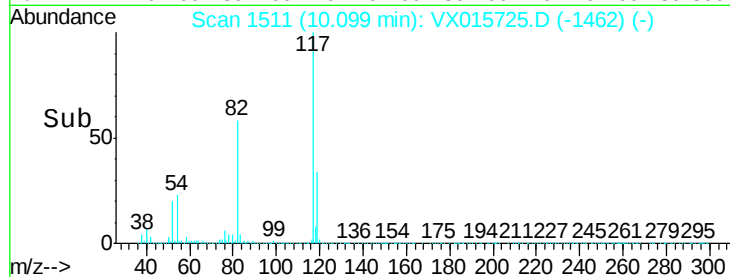
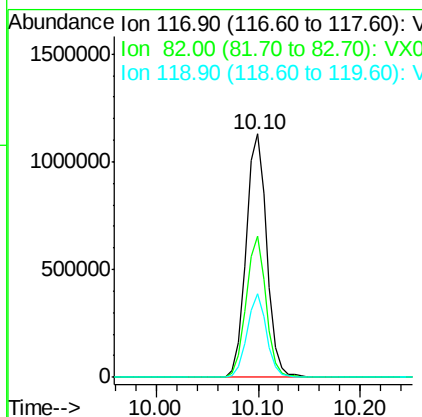
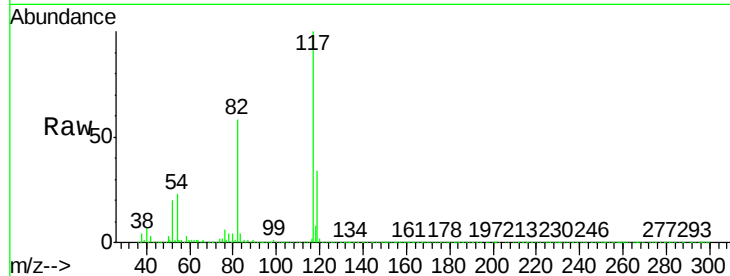




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015725.D
Acq: 16 Apr 2020 20:09

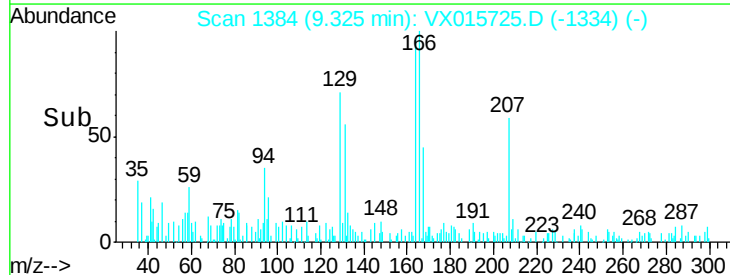
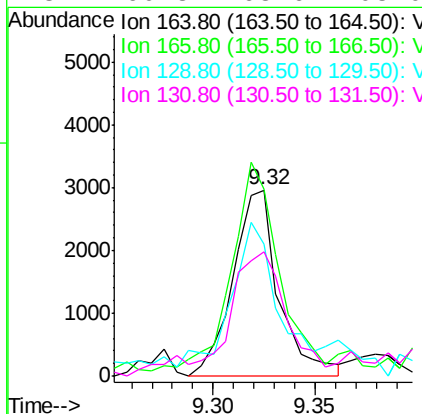
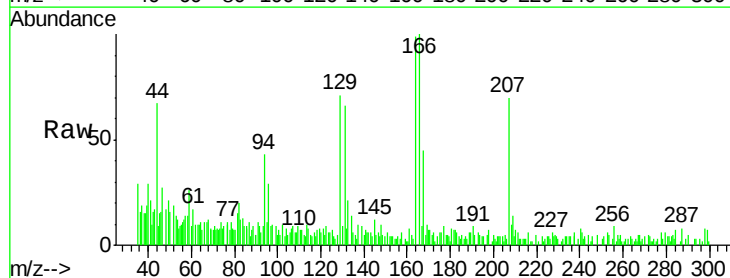
Instrument :
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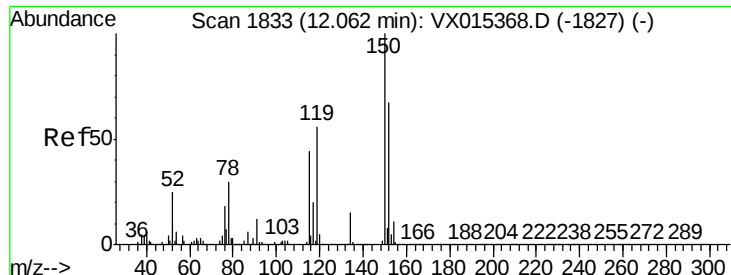
Tot Ion:117 Resp: 1588431
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.8
119 34.1 26.8 40.2



#64
Tetrachloroethene
Concen: 0.386 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015725.D
Acq: 16 Apr 2020 20:09

Tgt Ion:164 Resp: 4627
Ion Ratio Lower Upper
164 100
166 91.6 97.8 146.6#
129 57.6 73.0 109.4#
131 60.3 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: VX015725.D

Acq: 16 Apr 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

Z3-DUP-0545-200413

Tot Ion:152 Resp: 907424

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

150 155.7 0.0 340.8

