

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015595.D
 Acq On : 09 Apr 2020 14:38
 Operator : JC/SP
 Sample : L2190-18DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-14-200406DL

Quant Time: Apr 10 06:58:38 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

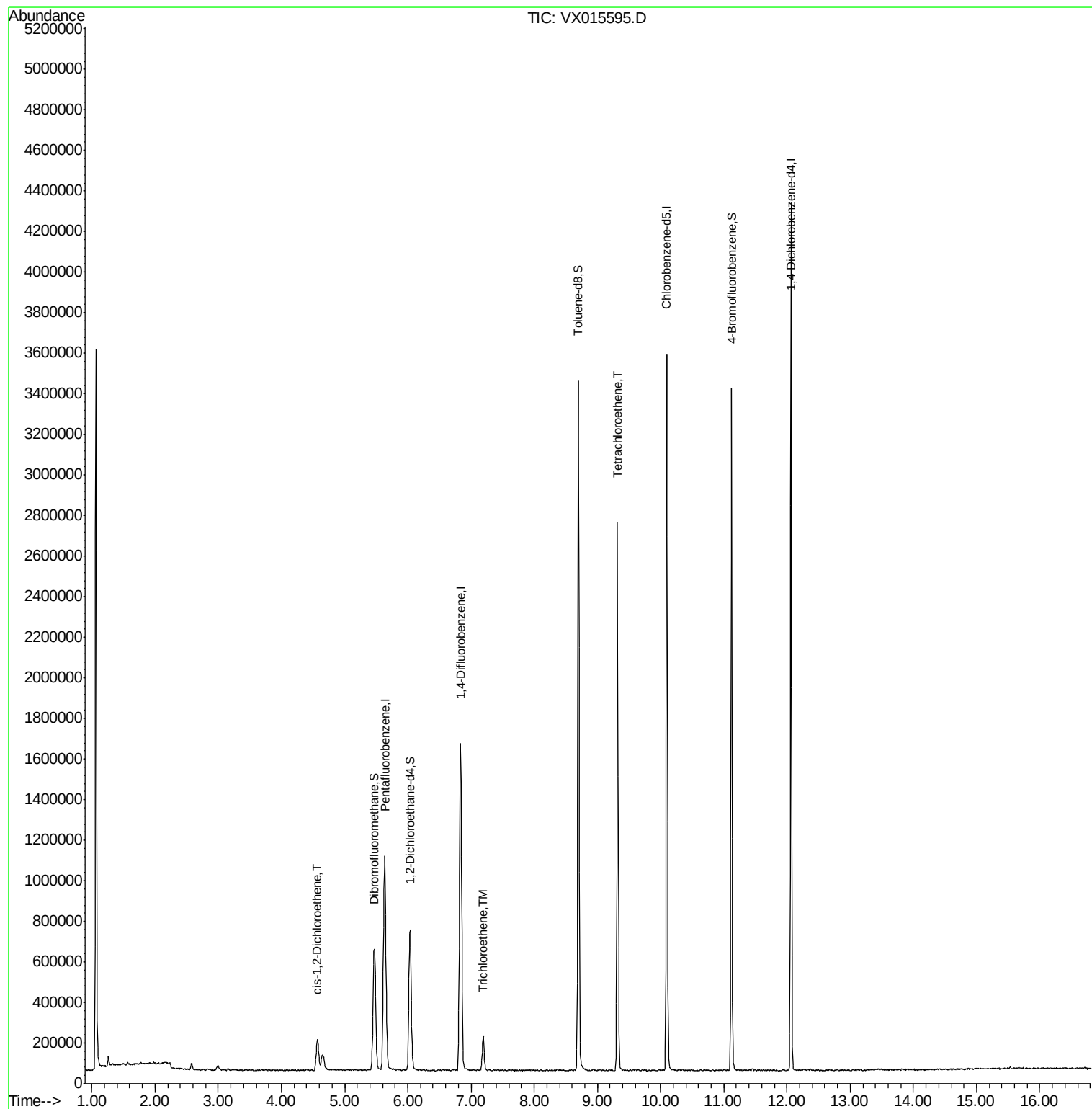
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1015660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1644151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1582065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	843220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	689326	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.47	113	520435	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.70	98	1967960	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.12	95	845975	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	96474	7.836	ug/l	93
44) Trichloroethene	7.19	130	68705	5.677	ug/l	92
64) Tetrachloroethene	9.32	164	538715	45.121	ug/l	96

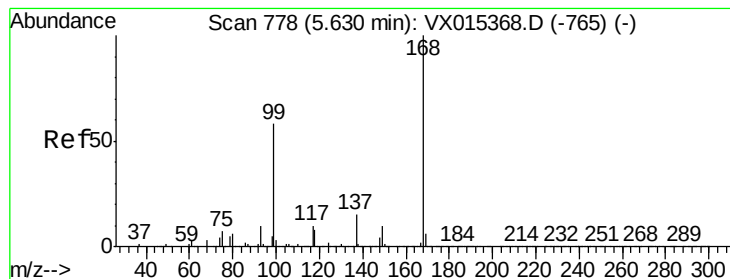
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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

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Instrument :

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ClientSampleId :

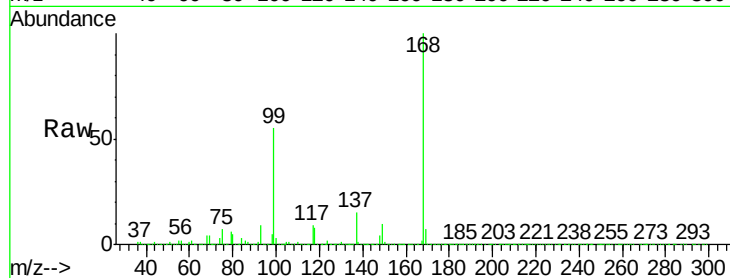
M-14-200406DL

Tot Ion:168 Resp: 1015660

Ion Ratio Lower Upper

168 100

99 55.3 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

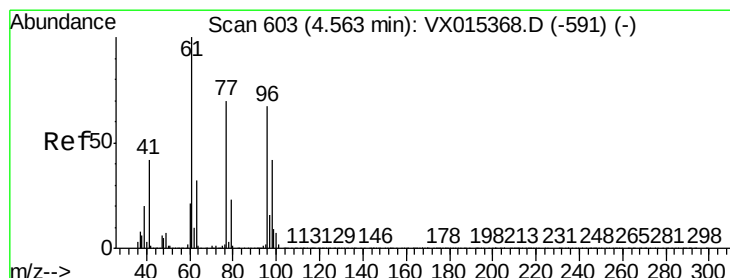
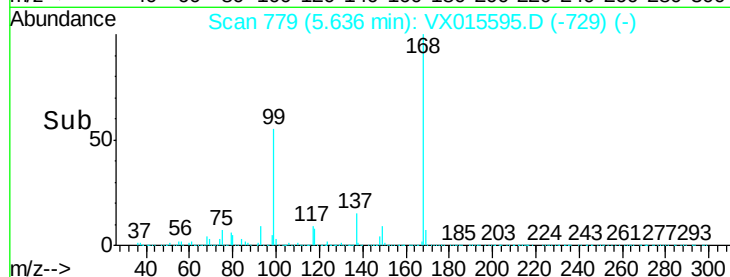
300000

200000

100000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.836 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015595.D

Acq: 09 Apr 2020 14:38

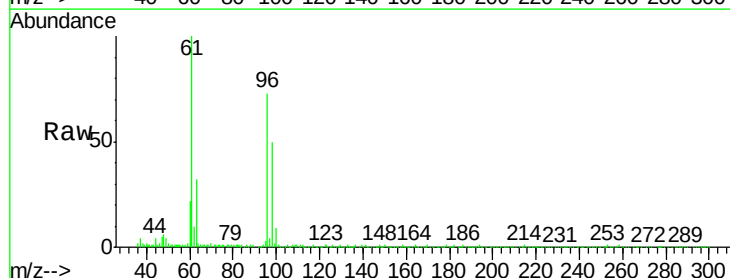
Tgt Ion: 96 Resp: 96474

Ion Ratio Lower Upper

96 100

61 143.3 0.0 308.4

98 66.6 0.0 129.2



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

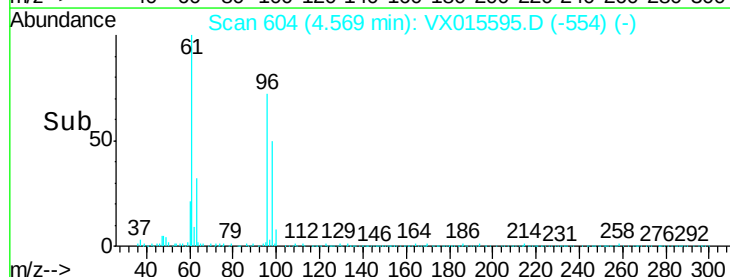
60000

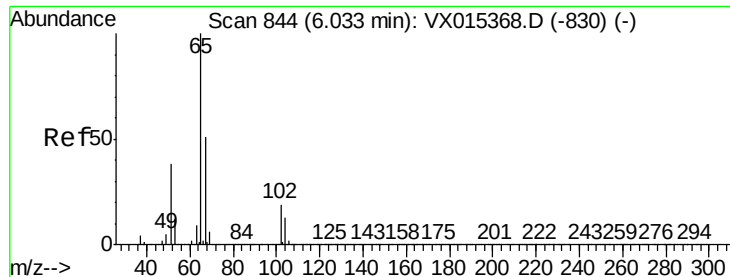
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.121 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015595.D

Acq: 09 Apr 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

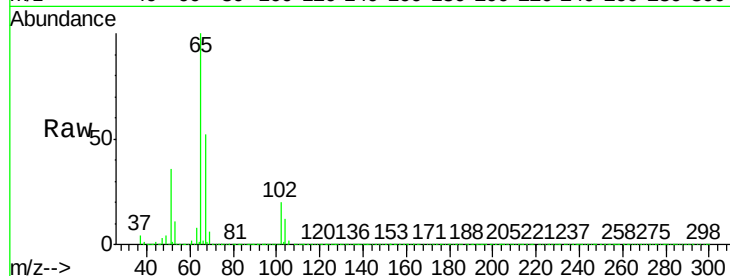
M-14-200406DL

Tot Ion: 65 Resp: 689326

Ion Ratio Lower Upper

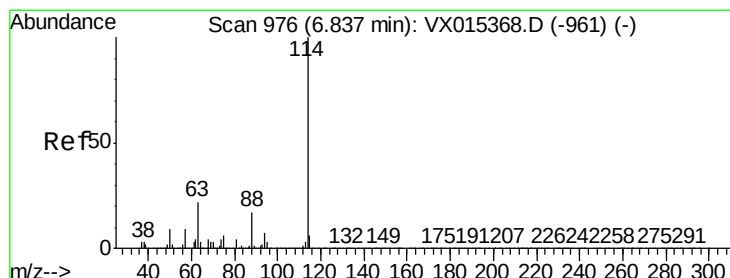
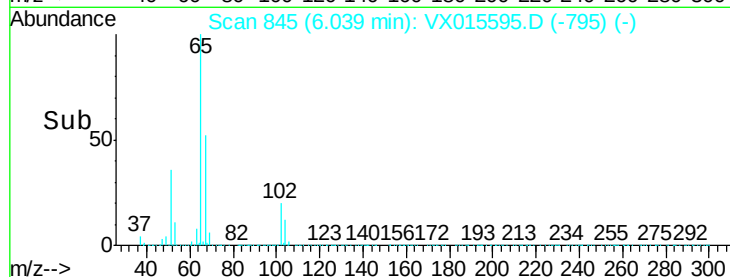
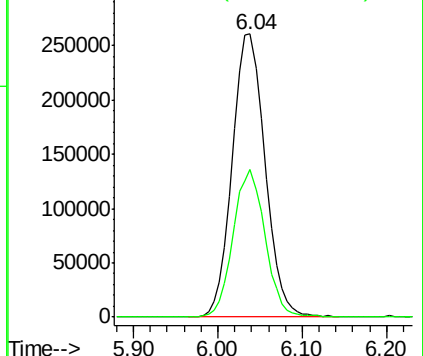
65 100

67 50.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015595.D

Acq: 09 Apr 2020 14:38

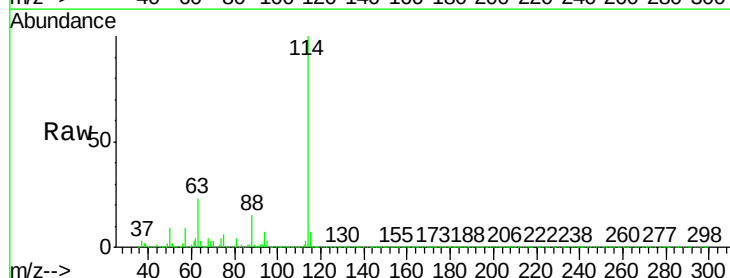
Tgt Ion: 114 Resp: 1644151

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

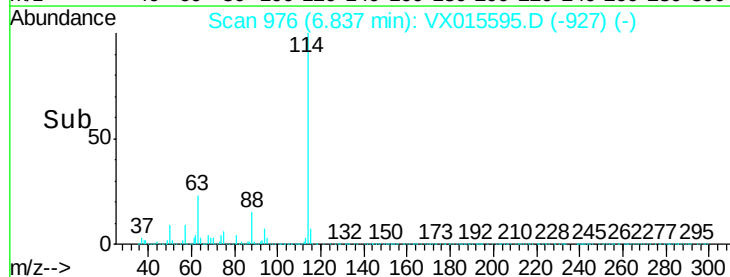
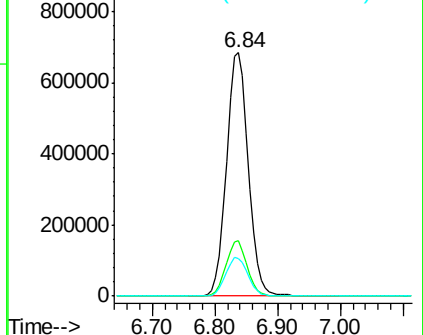
88 15.3 0.0 33.8

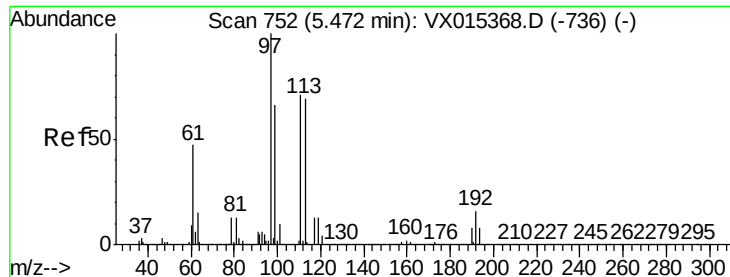


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015595.D

Acq: 09 Apr 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

M-14-200406DL

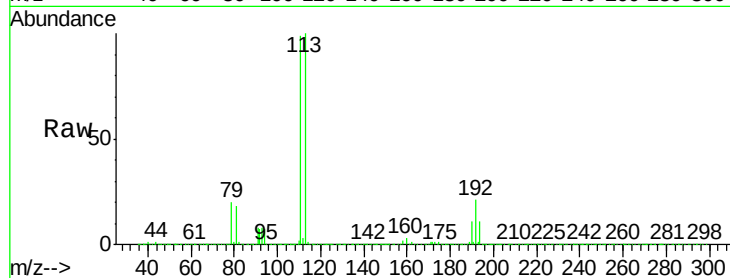
Tot Ion:113 Resp: 520435

Ion Ratio Lower Upper

113 100

111 100.9 81.5 122.3

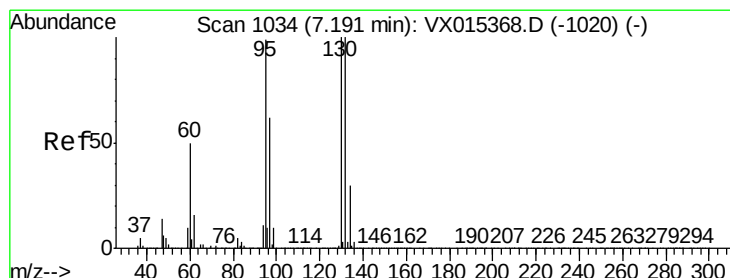
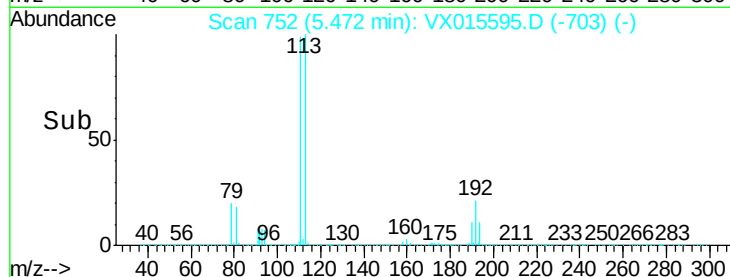
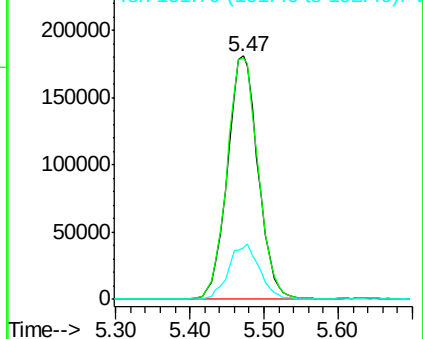
192 23.1 17.8 26.6



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: 5.677 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015595.D

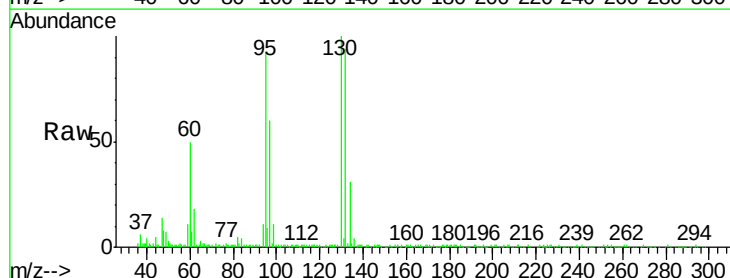
Acq: 09 Apr 2020 14:38

Tgt Ion:130 Resp: 68705

Ion Ratio Lower Upper

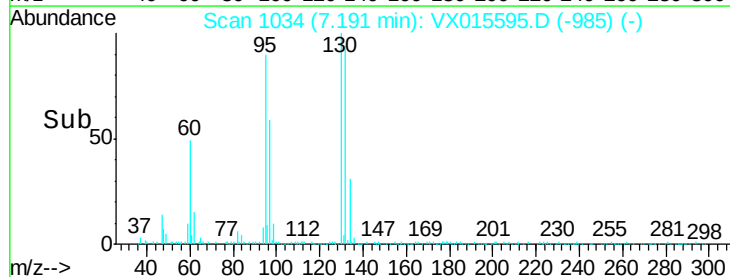
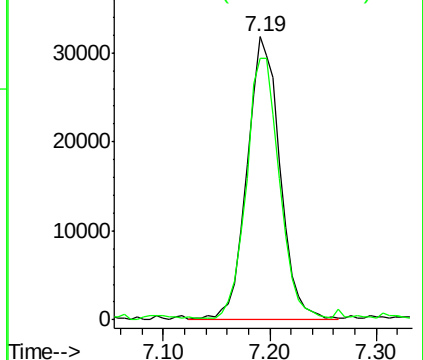
130 100

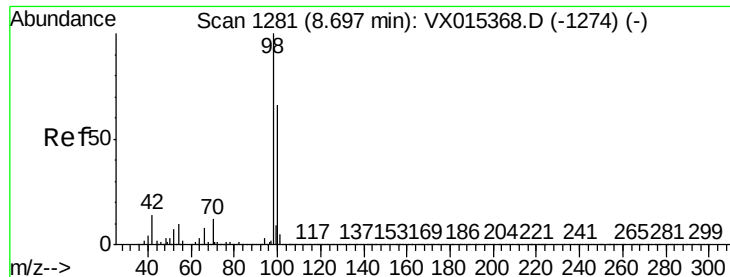
95 91.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

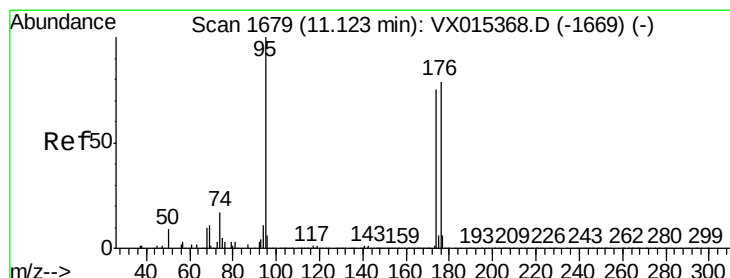
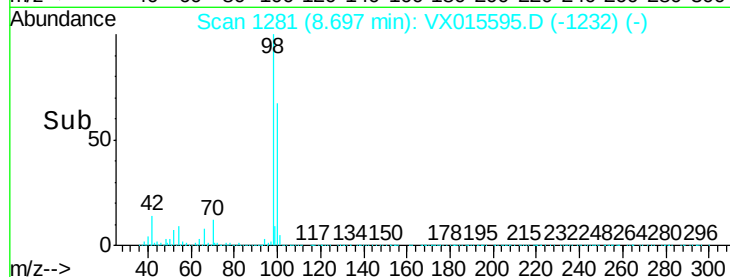
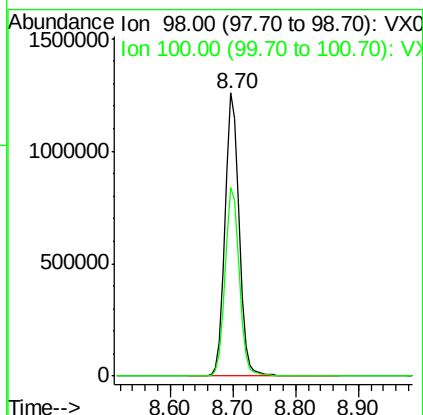
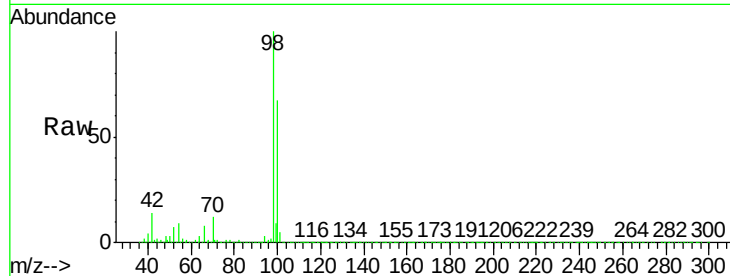




#50
Toluene-d8
Concen: 50.859 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015595.D
Acq: 09 Apr 2020 14:38

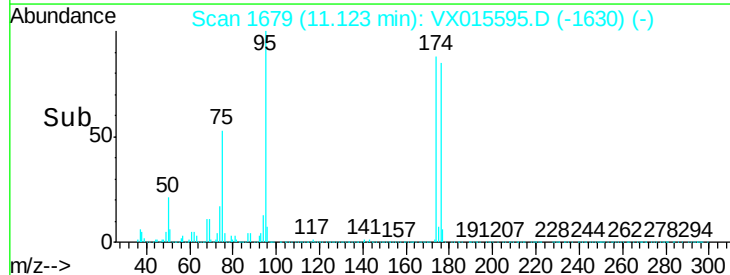
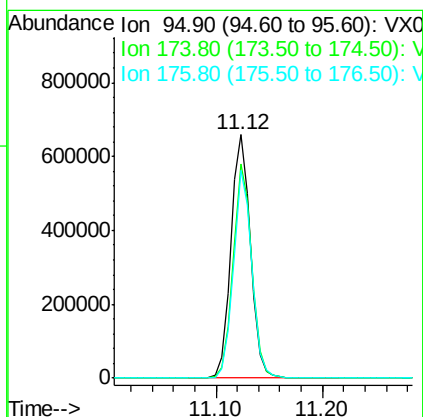
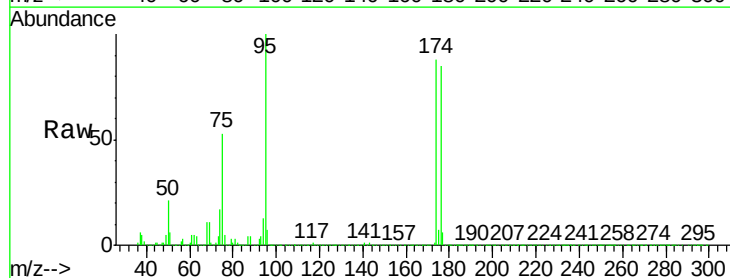
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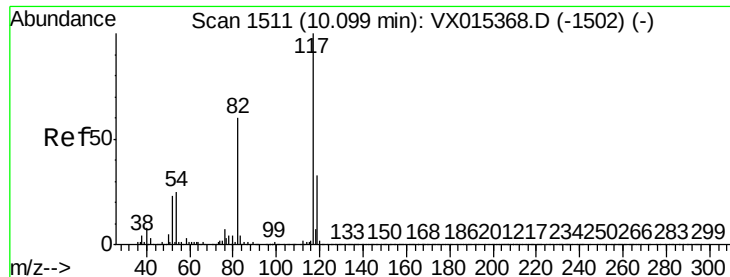
Tot Ion: 98 Resp: 1967960
Ion Ratio Lower Upper
98 100
100 67.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.796 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015595.D
Acq: 09 Apr 2020 14:38

Tgt Ion: 95 Resp: 845975
Ion Ratio Lower Upper
95 100
174 84.5 0.0 158.6
176 80.9 0.0 159.0

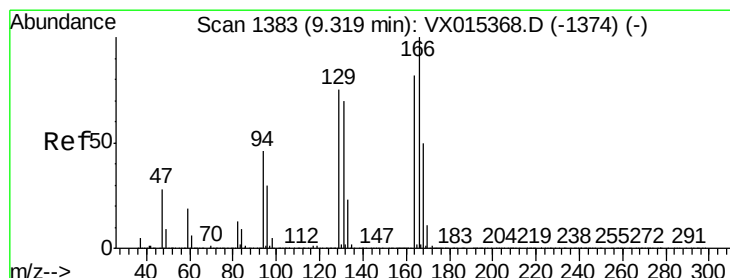
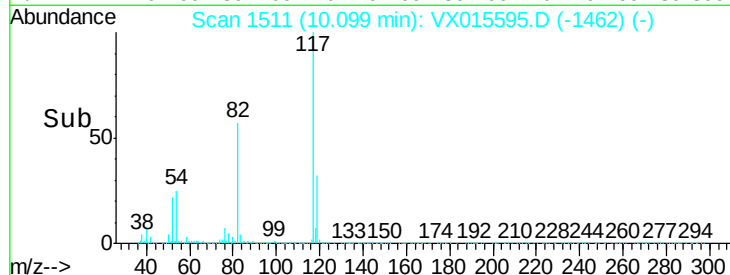
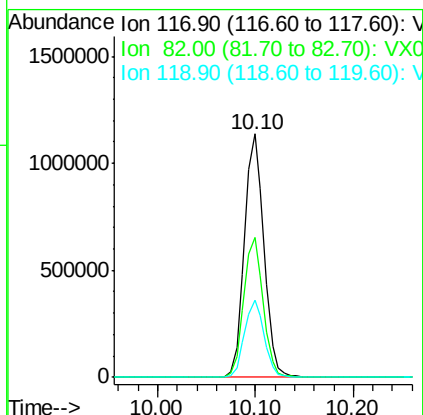
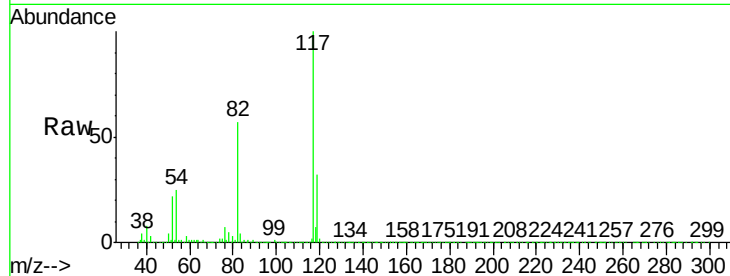




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015595.D
Acq: 09 Apr 2020 14:38

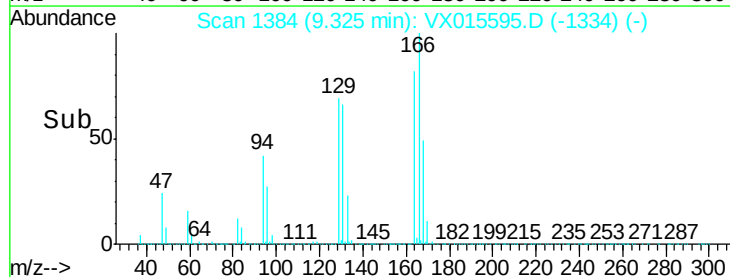
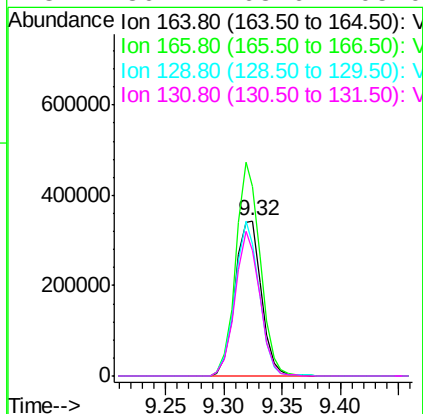
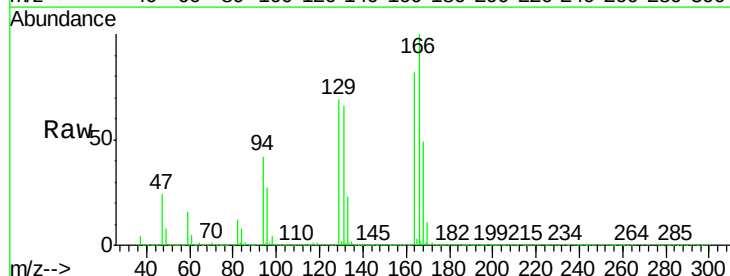
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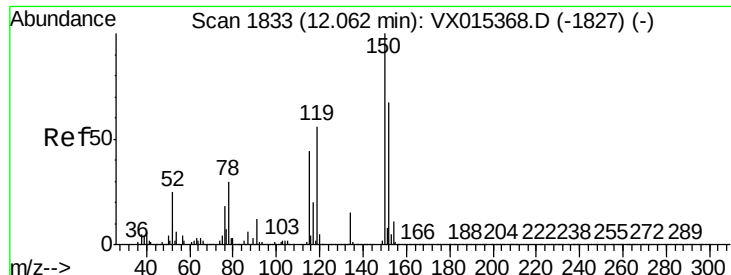
Tot Ion:117 Resp: 1582065
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.8
119 31.5 26.8 40.2



#64
Tetrachloroethene
Concen: 45.121 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015595.D
Acq: 09 Apr 2020 14:38

Tgt Ion:164 Resp: 538715
Ion Ratio Lower Upper
164 100
166 122.4 97.8 146.6
129 84.8 73.0 109.4
131 80.4 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: VX015595.D

Acq: 09 Apr 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

M-14-200406DL

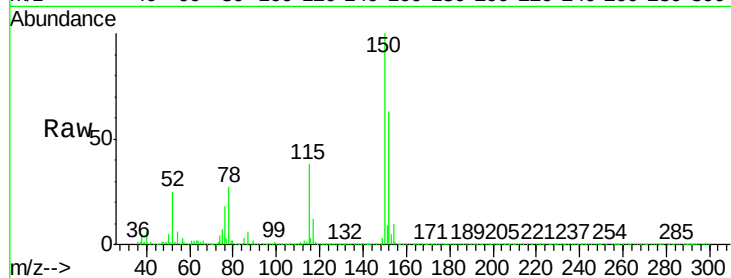
Tot Ion:152 Resp: 843220

Ion Ratio Lower Upper

152 100

115 59.2 39.0 116.9

150 163.5 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

