

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005121.D
 Acq On : 08 Oct 2018 12:28
 Operator : JC/MD
 Sample : J5189-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-131D2-20180927

Quant Time: Oct 09 12:52:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148047	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	5.50	113	126944	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.72	98	456134	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.14	95	164979	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

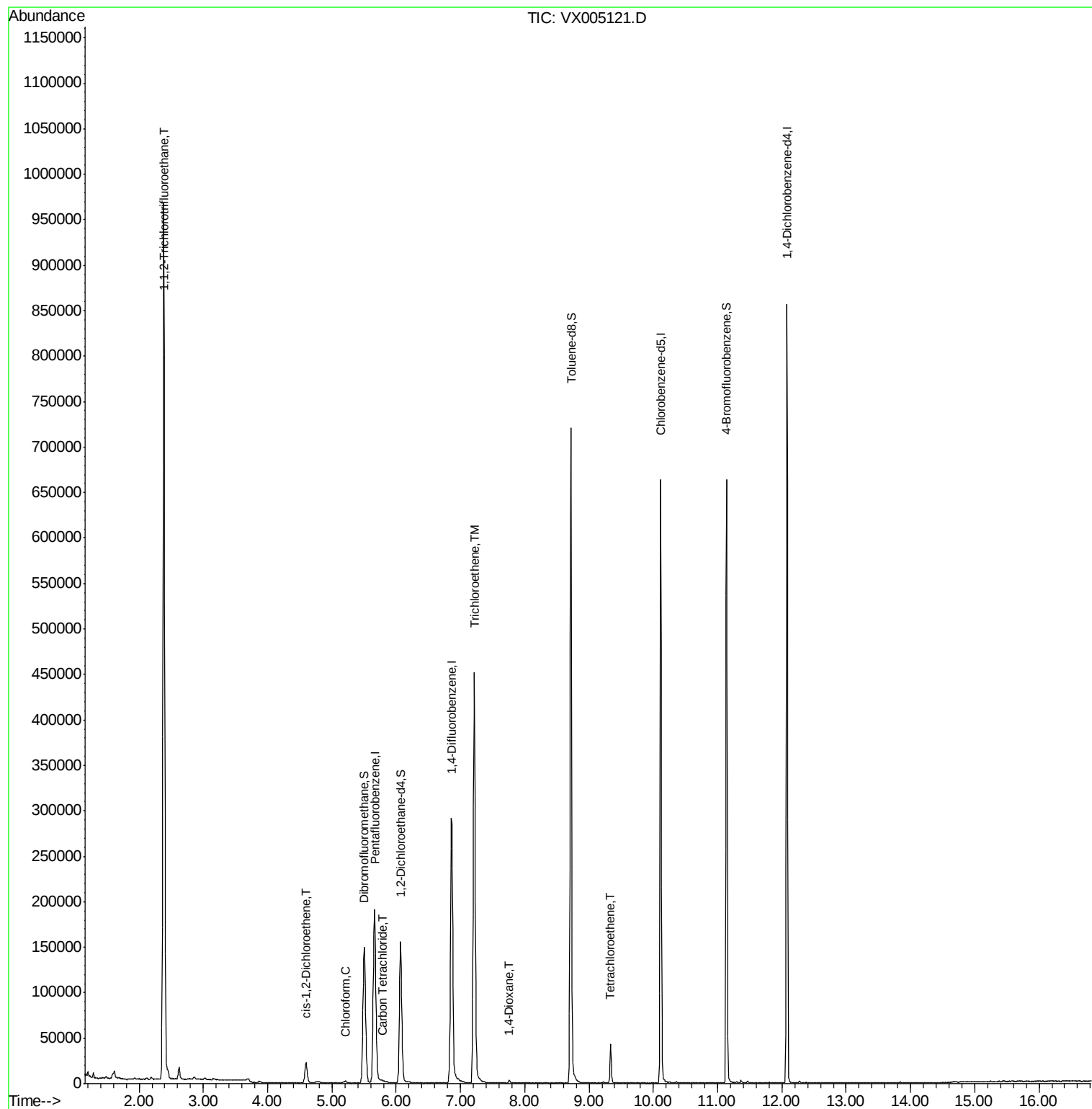
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	380676	176.00	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	13410	5.12	ug/l	98
30) Chloroform	5.21	83	1921	0.43	ug/l	100
38) Carbon Tetrachloride	5.79	117	1462	0.39	ug/l #	78
44) Trichloroethene	7.21	130	185880	67.17	ug/l	99
49) 1,4-Dioxane	7.76	88	2058	26.49	ug/l #	90
64) Tetrachloroethene	9.34	164	8729	2.86	ug/l	93

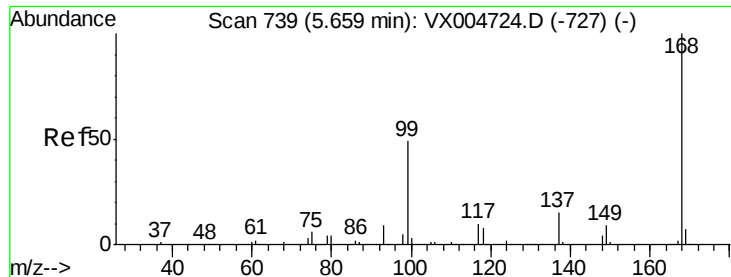
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005121.D

Acq: 08 Oct 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

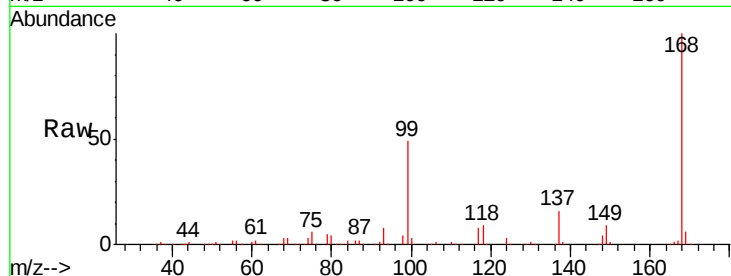
RE-131D2-20180927

Tgt Ion:168 Resp: 197687

Ion Ratio Lower Upper

168 100

99 48.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

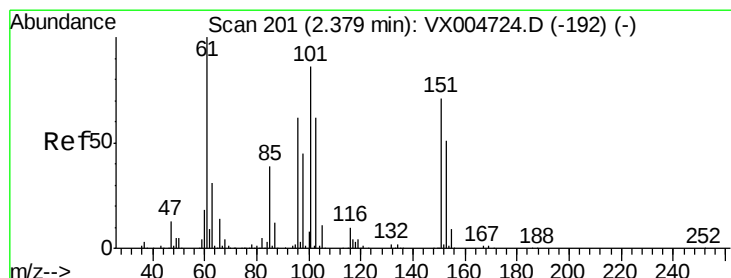
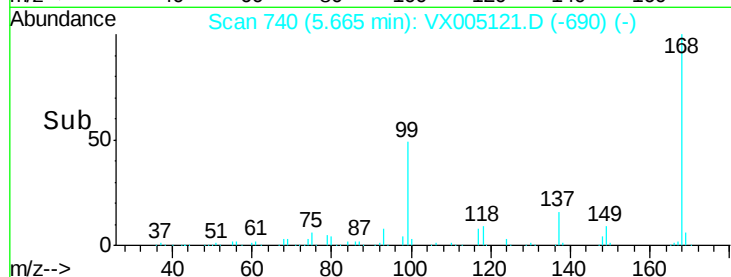
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 176.00 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005121.D

Acq: 08 Oct 2018 12:28

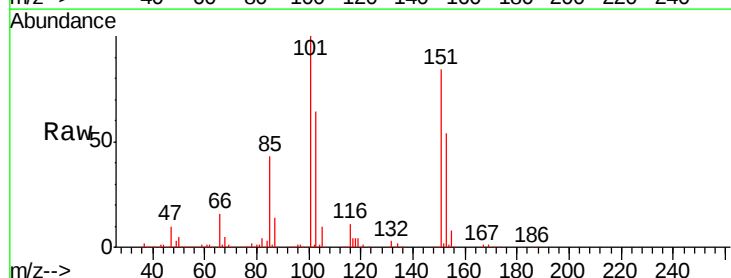
Tgt Ion:101 Resp: 380676

Ion Ratio Lower Upper

101 100

85 43.6 35.9 53.9

151 83.7 66.6 100.0



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

250000

200000

150000

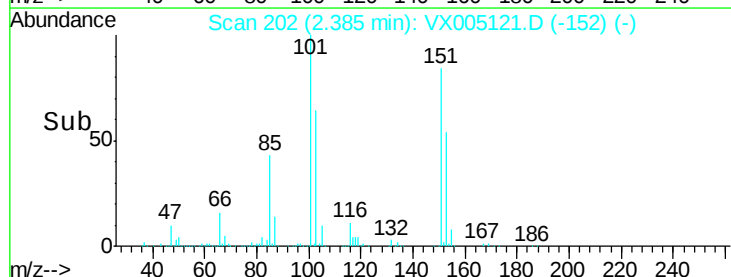
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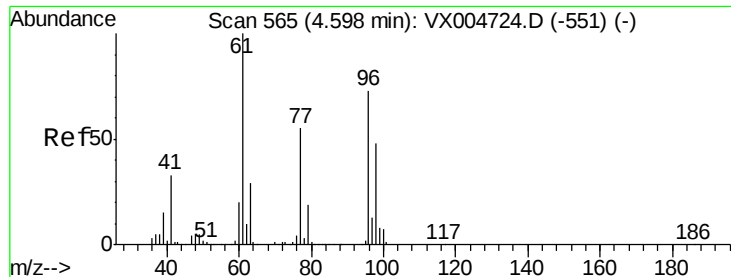
50000

0

Time-->

2.30 2.40 2.50





#27

cis-1,2-Dichloroethene

Concen: 5.12 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005121.D

Acq: 08 Oct 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

RE-131D2-20180927

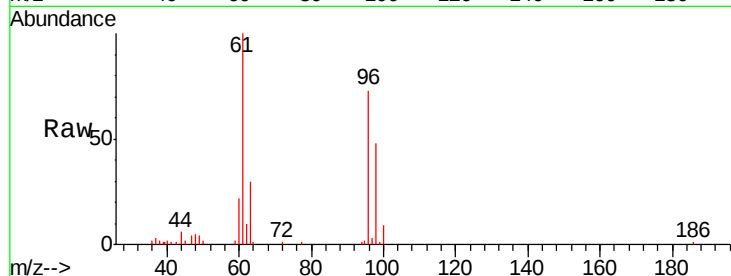
Tgt Ion: 96 Resp: 13410

Ion Ratio Lower Upper

96 100

61 140.4 0.0 285.8

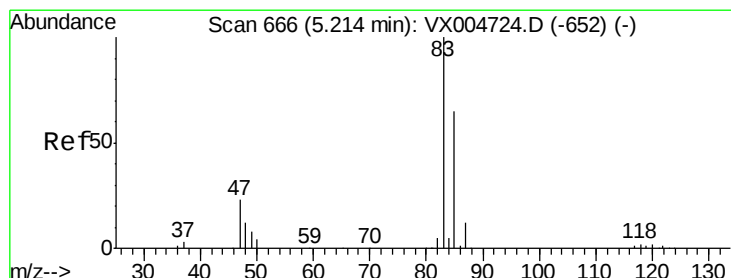
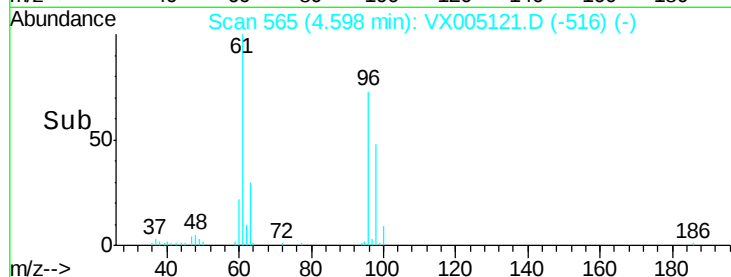
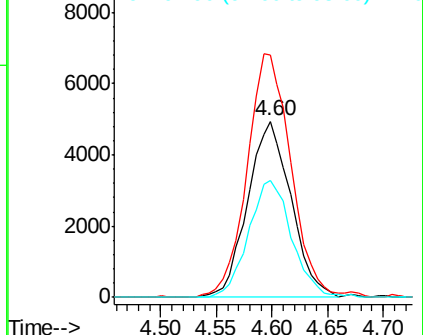
98 66.4 0.0 136.2



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



#30

Chloroform

Concen: 0.43 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005121.D

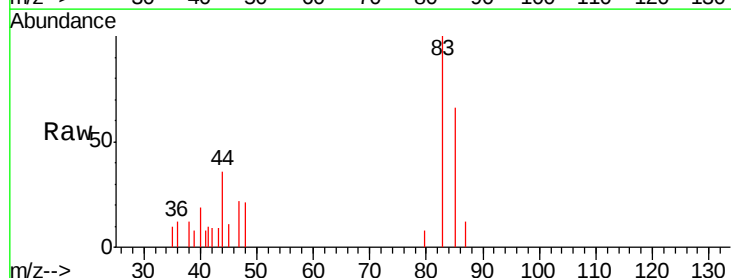
Acq: 08 Oct 2018 12:28

Tgt Ion: 83 Resp: 1921

Ion Ratio Lower Upper

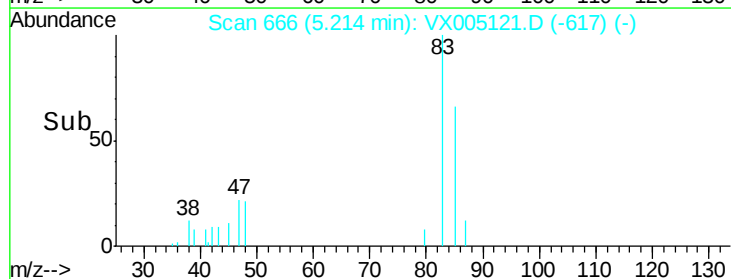
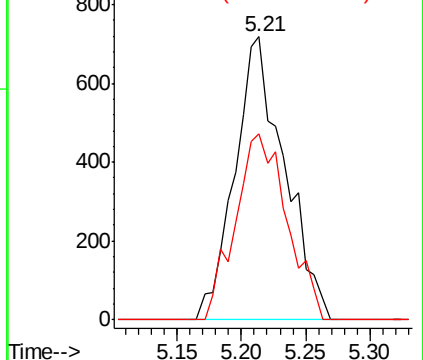
83 100

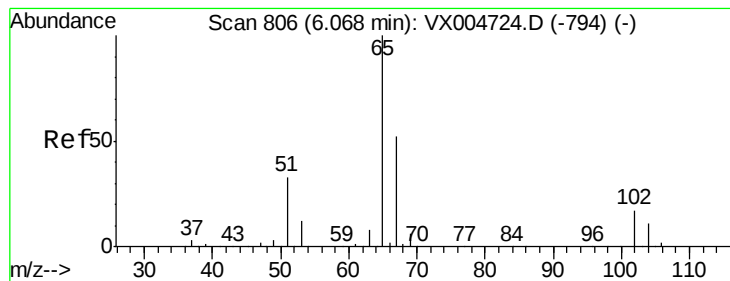
85 65.7 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.43 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005121.D

Acq: 08 Oct 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

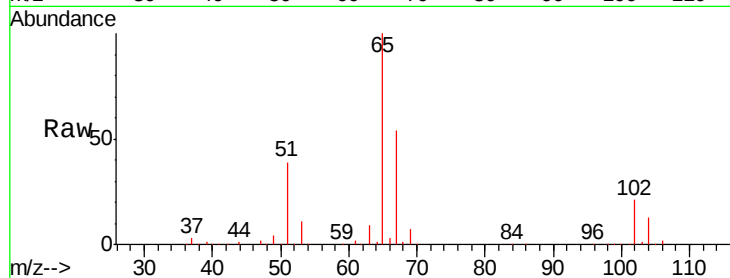
RE-131D2-20180927

Tgt Ion: 65 Resp: 148047

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

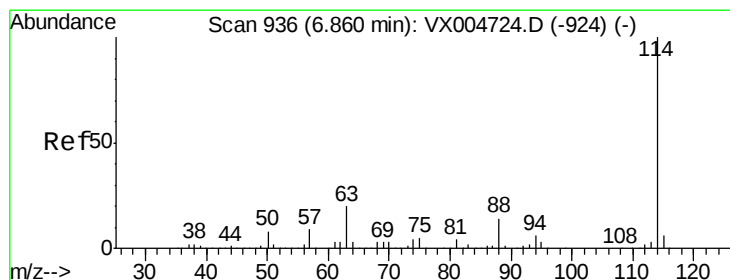
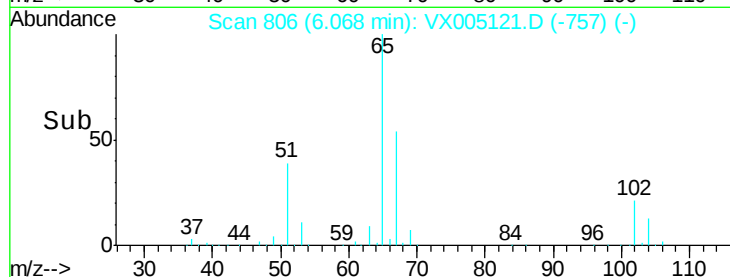
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005121.D

Acq: 08 Oct 2018 12:28

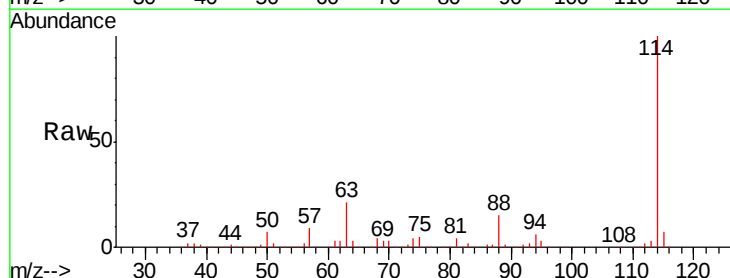
Tgt Ion: 114 Resp: 310954

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

88 15.4 0.0 27.0



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

6.87

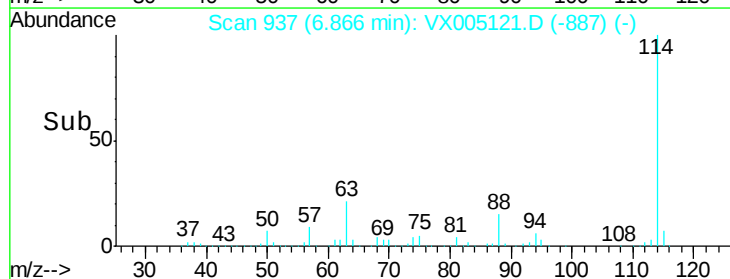
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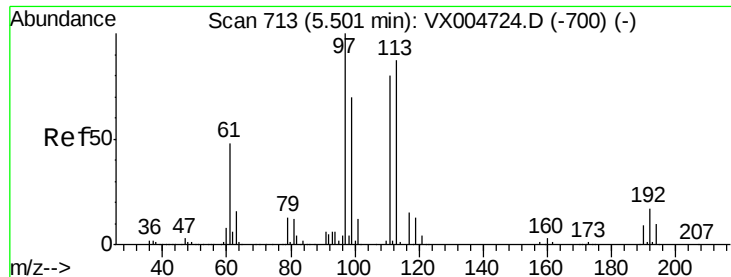
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

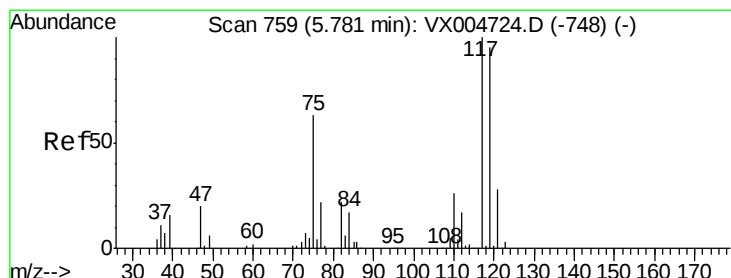
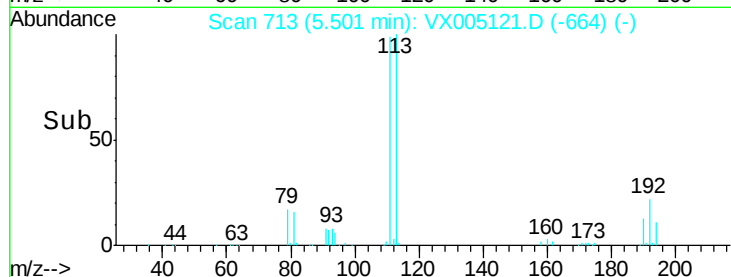
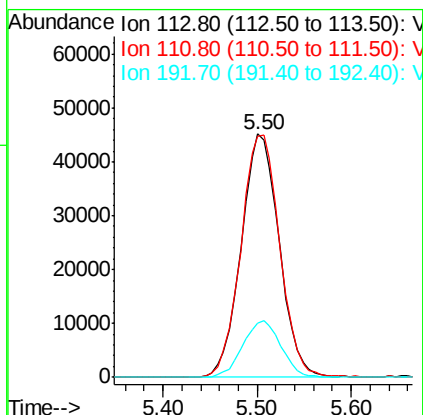
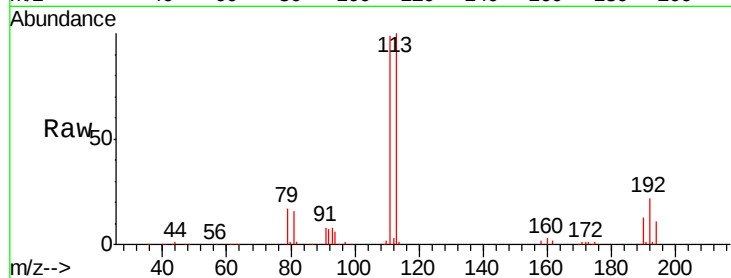




#35
Dibromofluoromethane
Concen: 48.17 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

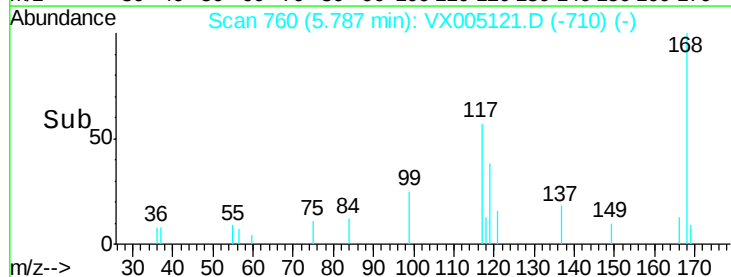
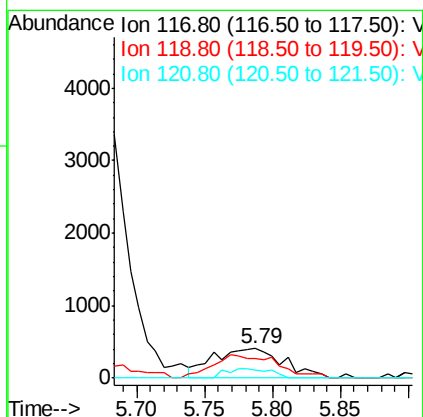
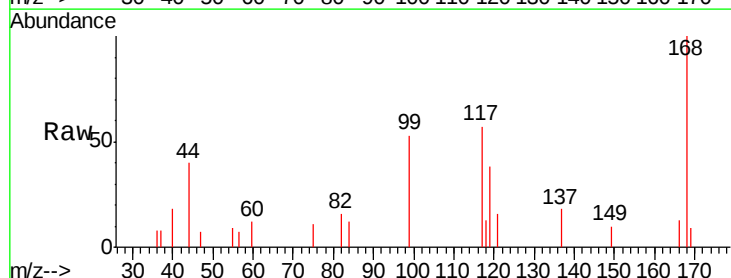
Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

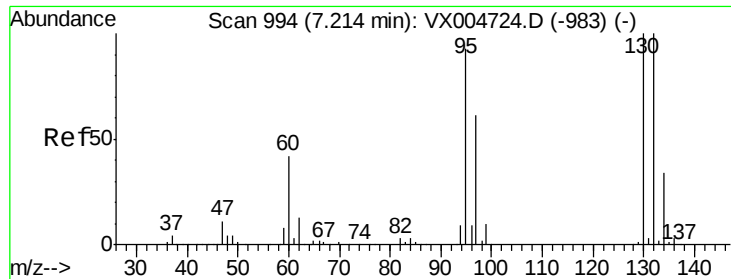
Tgt Ion:113 Resp: 126944
Ion Ratio Lower Upper
113 100
111 101.9 77.0 115.4
192 23.3 17.0 25.6



#38
Carbon Tetrachloride
Concen: 0.39 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:117 Resp: 1462
Ion Ratio Lower Upper
117 100
119 66.9 75.2 112.8#
121 28.7 22.5 33.7

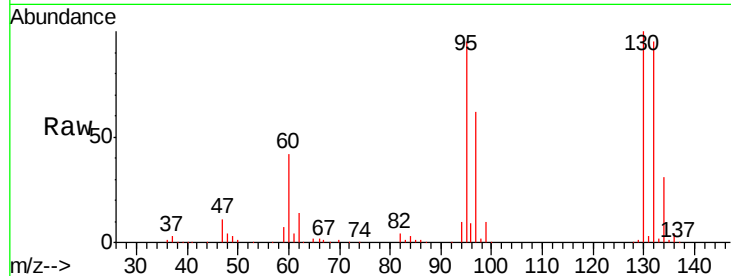




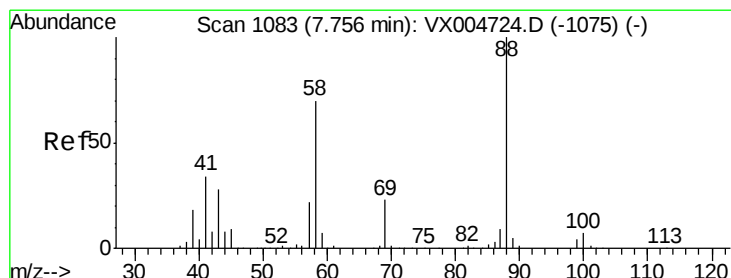
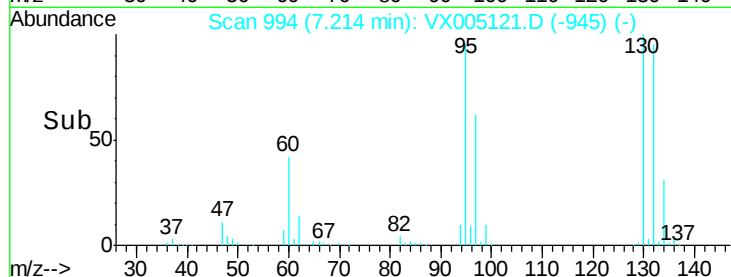
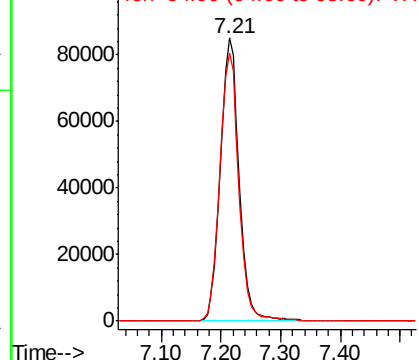
#44
 Trichloroethene
 Concen: 67.17 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005121.D
 Acq: 08 Oct 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-131D2-20180927

Tgt Ion:130 Resp: 185880
 Ion Ratio Lower Upper
 130 100
 95 94.7 0.0 186.8

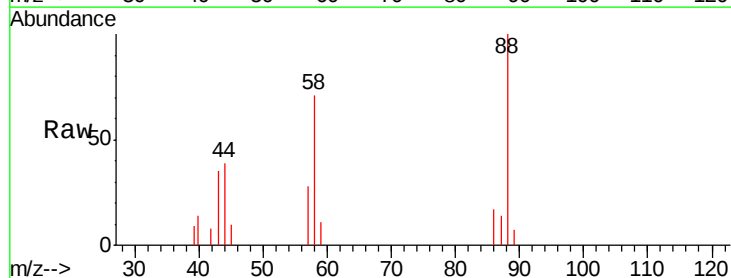


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

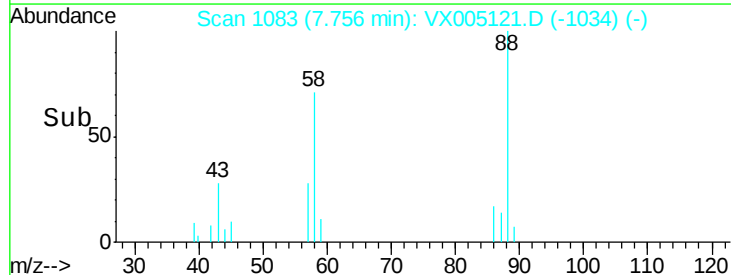
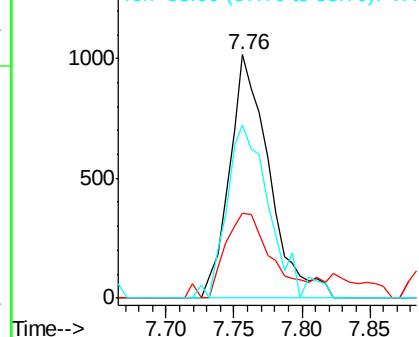


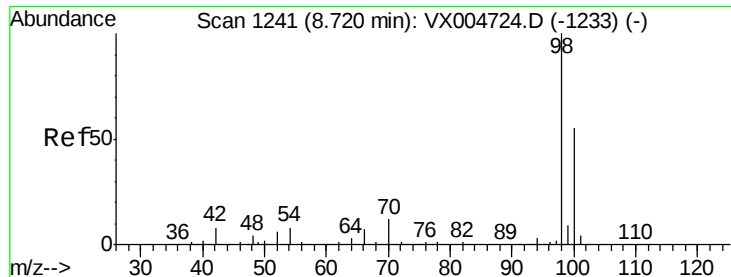
#49
 1,4-Dioxane
 Concen: 26.49 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX005121.D
 Acq: 08 Oct 2018 12:28

Tgt Ion: 88 Resp: 2058
 Ion Ratio Lower Upper
 88 100
 43 40.5 25.1 37.7#
 58 76.4 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

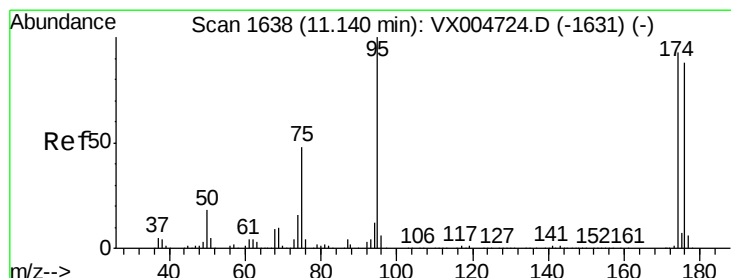
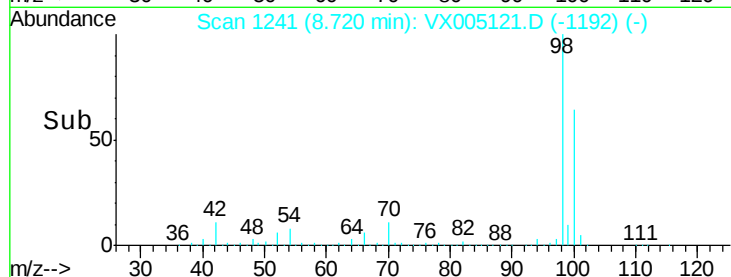
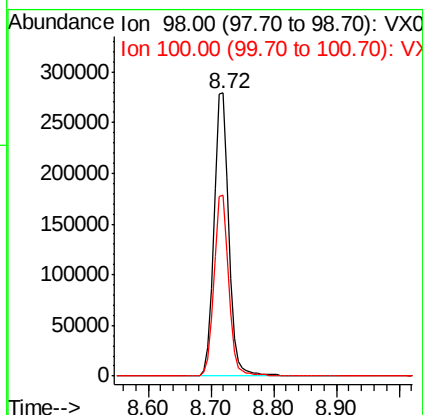
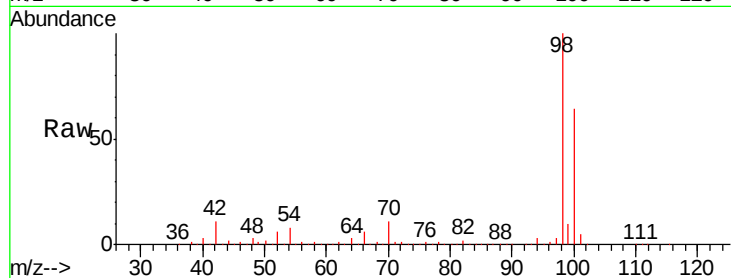




#50
Toluene-d8
Concen: 52.06 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

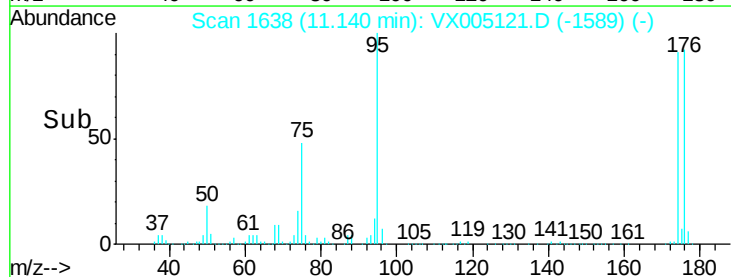
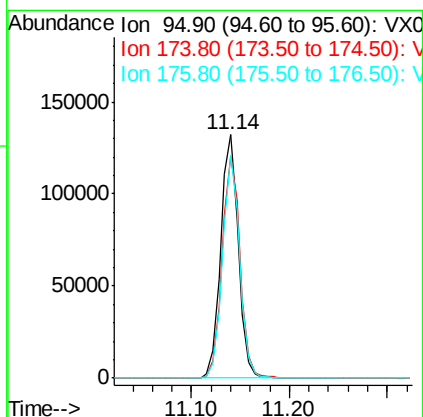
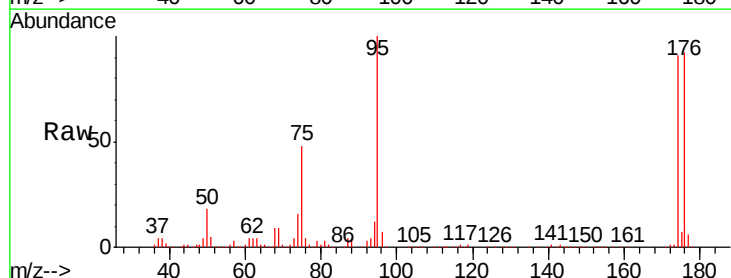
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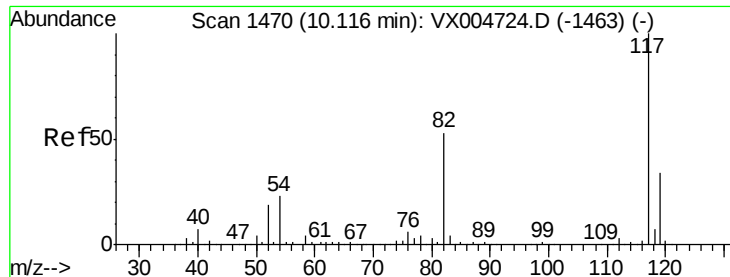
Tgt Ion: 98 Resp: 456134
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.27 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 95 Resp: 164979
Ion Ratio Lower Upper
95 100
174 92.9 0.0 185.0
176 89.3 0.0 180.2

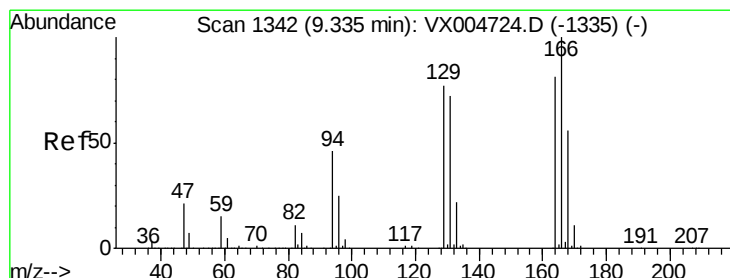
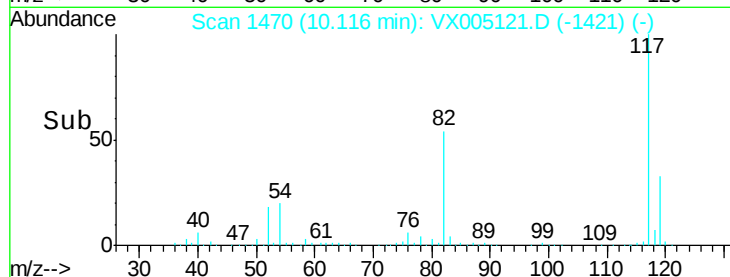
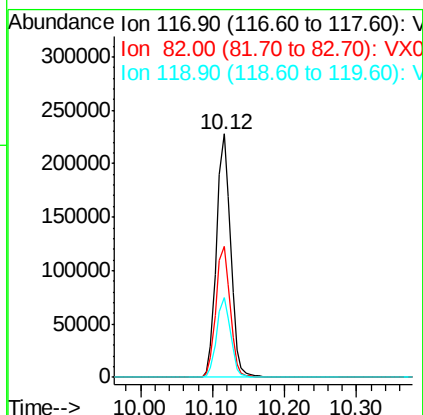
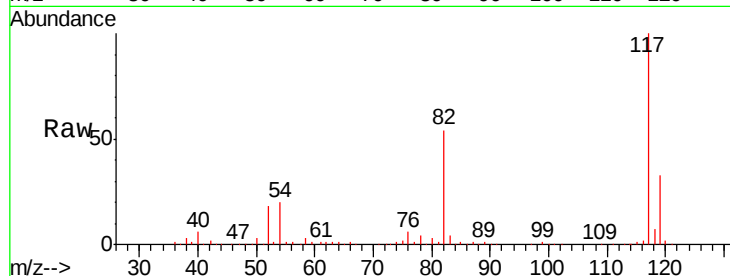




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

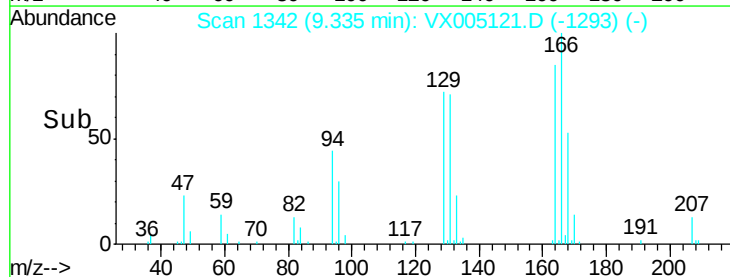
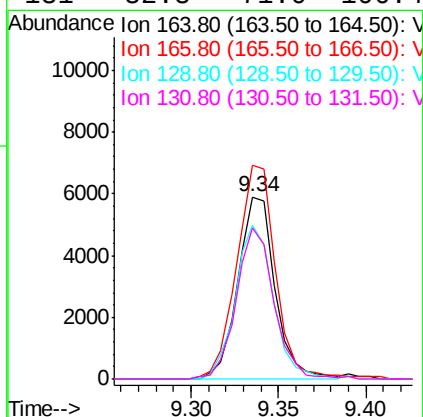
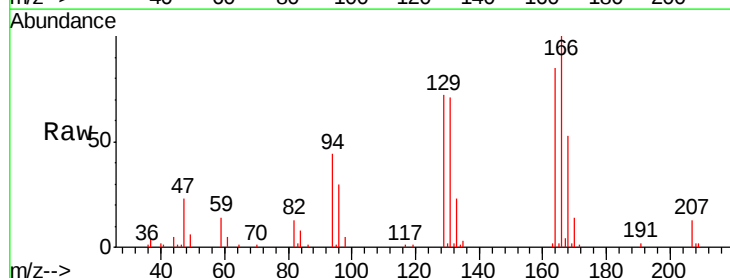
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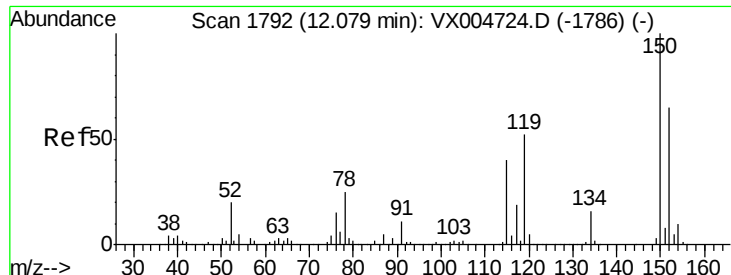
Tgt Ion:117 Resp: 310209
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.5 27.4 41.0



#64
Tetrachloroethene
Concen: 2.86 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:164 Resp: 8729
Ion Ratio Lower Upper
164 100
166 117.1 98.4 147.6
129 84.5 76.1 114.1
131 82.8 71.0 106.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005121.D
 Acq: 08 Oct 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-131D2-20180927

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	40.2	120.6
150	155.2	0.0	351.0

