

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005127.D
 Acq On : 08 Oct 2018 15:08
 Operator : JC/MD
 Sample : J5189-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-101D2-20180928

Quant Time: Oct 09 12:56:44 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	189224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165035	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	144608	53.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.00%	
35) Dibromofluoromethane	5.50	113	123448	48.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.44%	
50) Toluene-d8	8.72	98	438228	52.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	154229	50.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.64%	

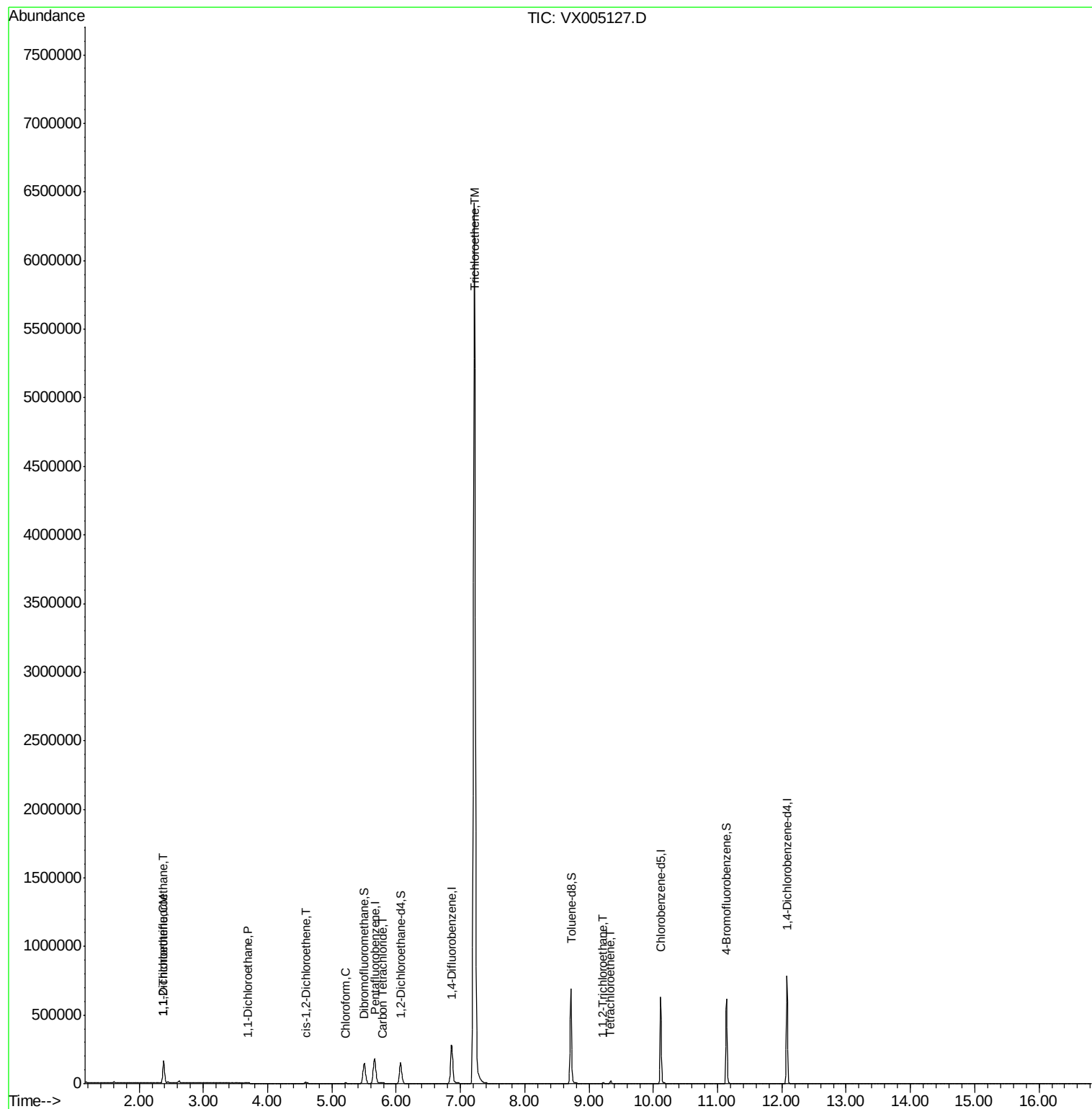
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54758	26.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	14170	6.91	ug/l	98
24) 1,1-Dichloroethane	3.70	63	5694	1.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	6315	2.52	ug/l	98
30) Chloroform	5.22	83	4325	1.02	ug/l	96
38) Carbon Tetrachloride	5.79	117	5327	1.47	ug/l	96
44) Trichloroethene	7.22	130	2614654	982.75	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	2077	0.80	ug/l	91
64) Tetrachloroethene	9.34	164	3941	1.35	ug/l	96

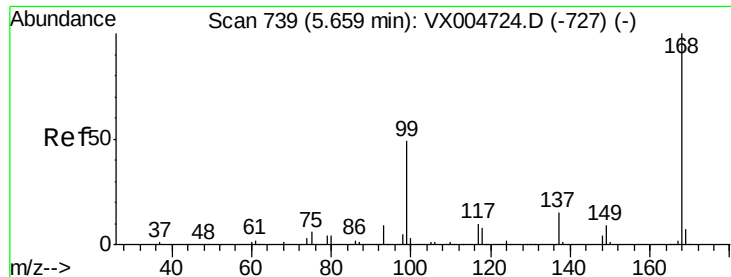
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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: VX005127.D

Acq: 08 Oct 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

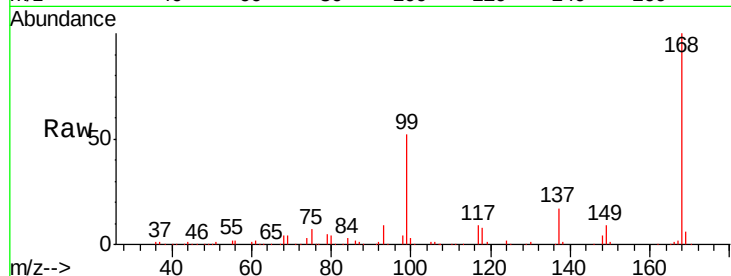
TT-101D2-20180928

Tgt Ion:168 Resp: 189224

Ion Ratio Lower Upper

168 100

99 51.9 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

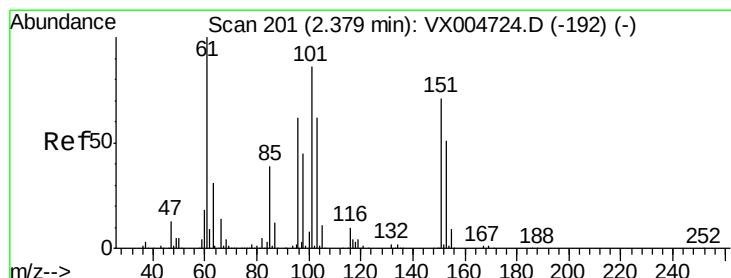
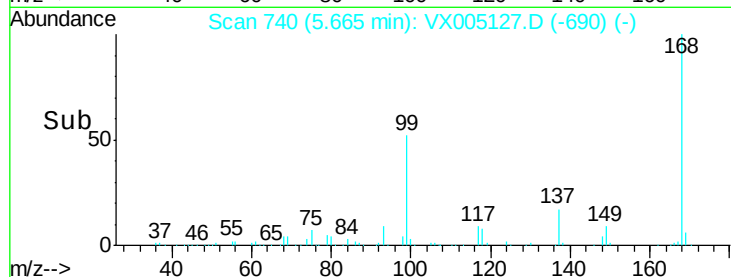
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.45 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005127.D

Acq: 08 Oct 2018 15:08

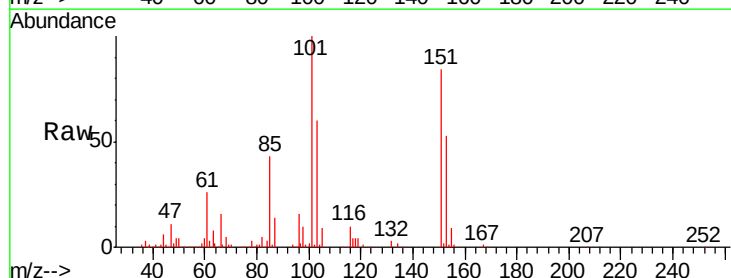
Tgt Ion:101 Resp: 54758

Ion Ratio Lower Upper

101 100

85 44.0 35.9 53.9

151 82.3 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

40000

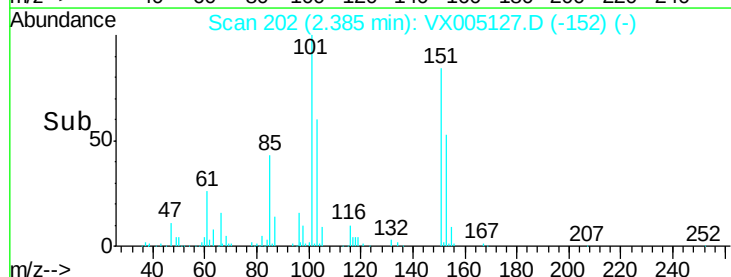
30000

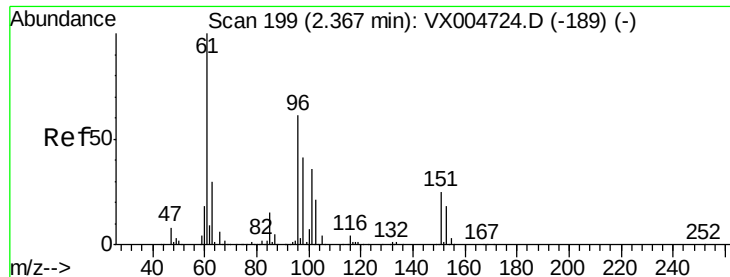
20000

10000

0

Time--> 2.30 2.40 2.50

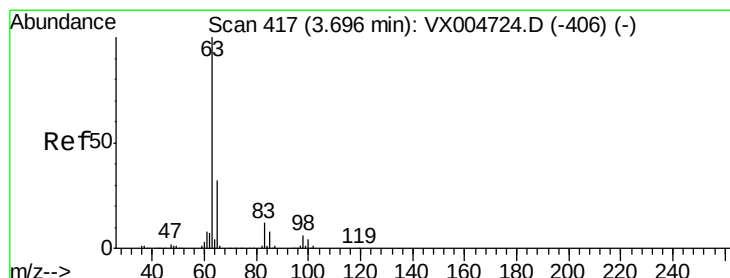
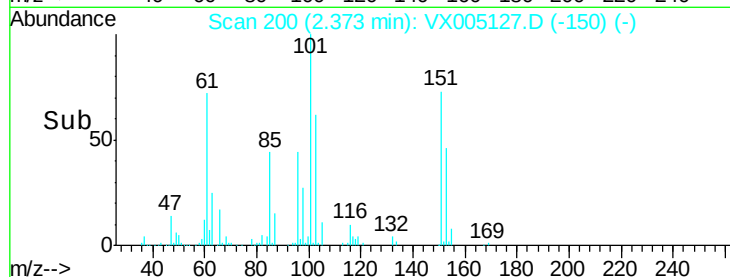
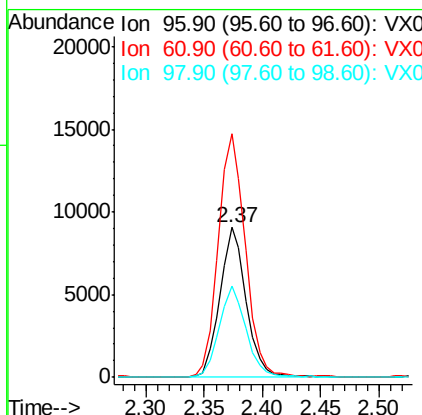
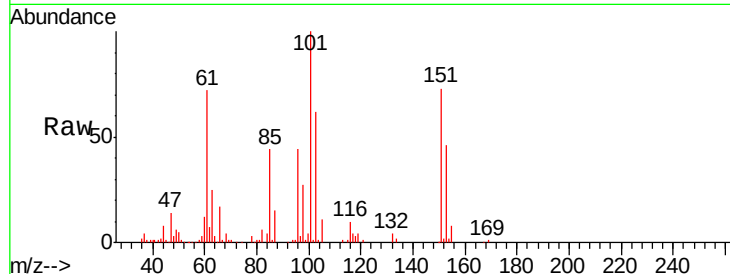




#12
 1,1-Dichloroethene
 Concen: 6.91 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

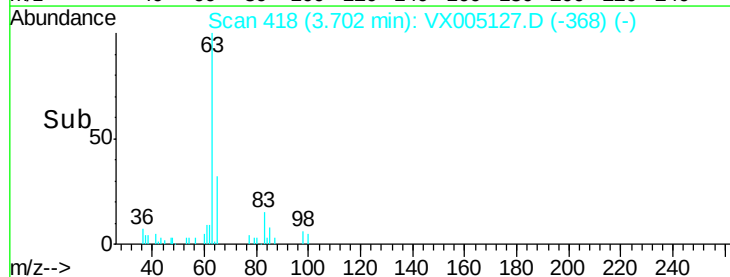
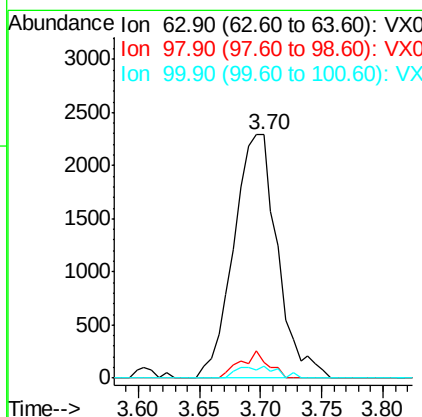
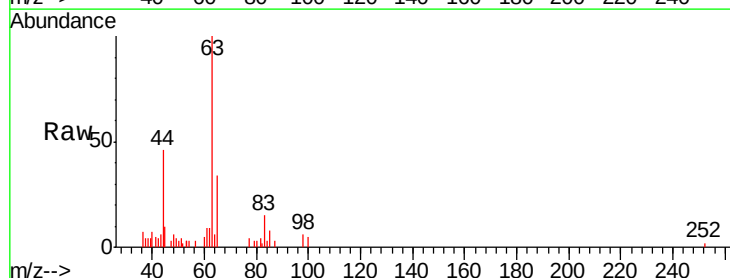
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-101D2-20180928

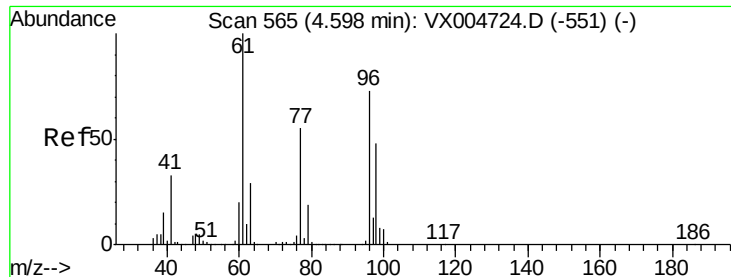
Tgt Ion: 96 Resp: 14170
 Ion Ratio Lower Upper
 96 100
 61 162.7 130.2 195.4
 98 61.0 53.4 80.0



#24
 1,1-Dichloroethane
 Concen: 1.27 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

Tgt Ion: 63 Resp: 5694
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 4.8 2.0 5.8





#27

cis-1,2-Dichloroethene

Concen: 2.52 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005127.D

Acq: 08 Oct 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

TT-101D2-20180928

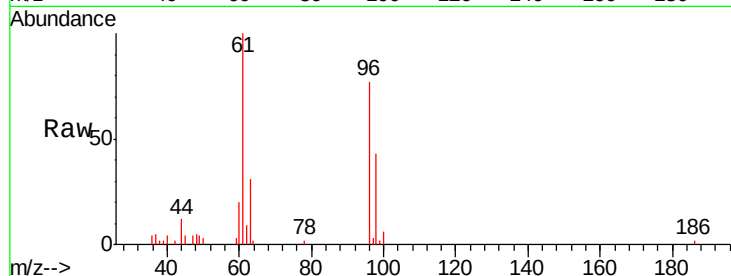
Tgt Ion: 96 Resp: 6315

Ion Ratio Lower Upper

96 100

61 144.2 0.0 285.8

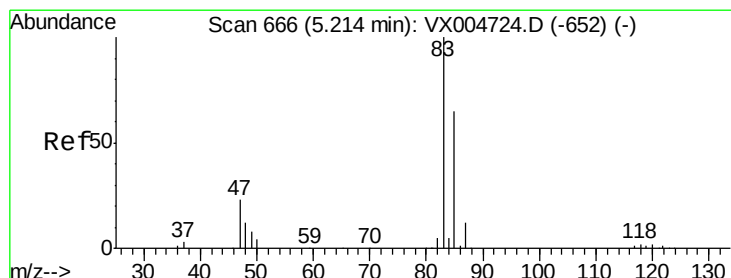
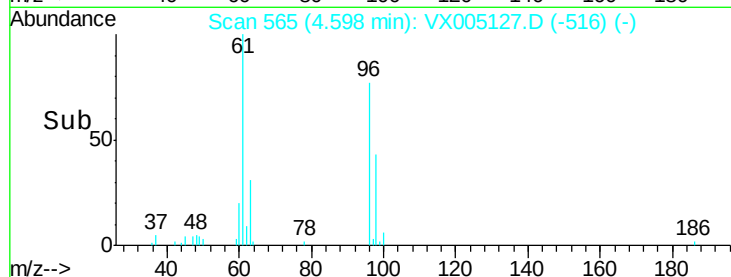
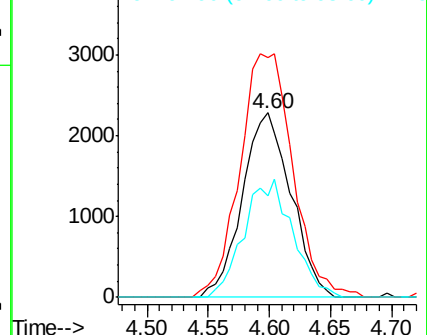
98 64.1 0.0 136.2



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: 1.02 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005127.D

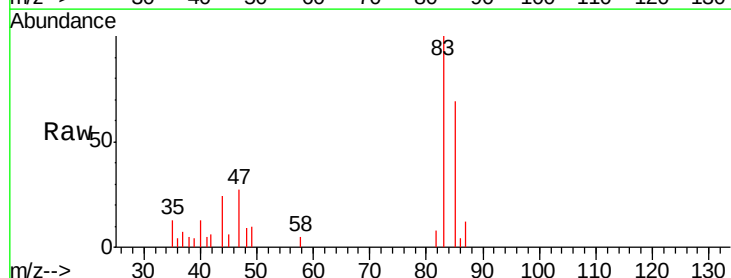
Acq: 08 Oct 2018 15:08

Tgt Ion: 83 Resp: 4325

Ion Ratio Lower Upper

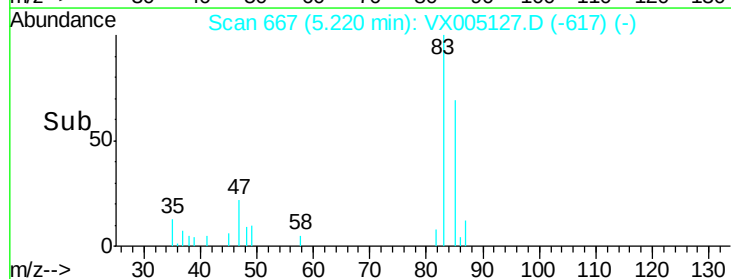
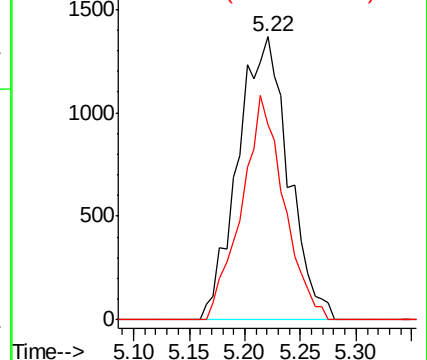
83 100

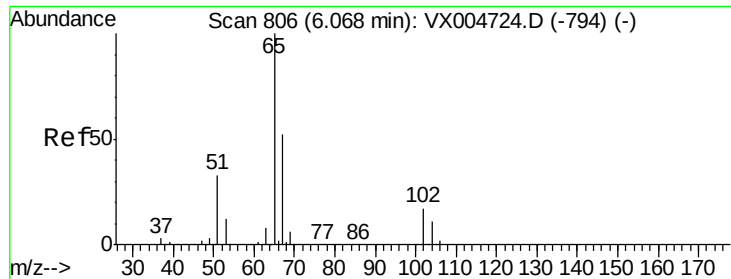
85 68.7 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

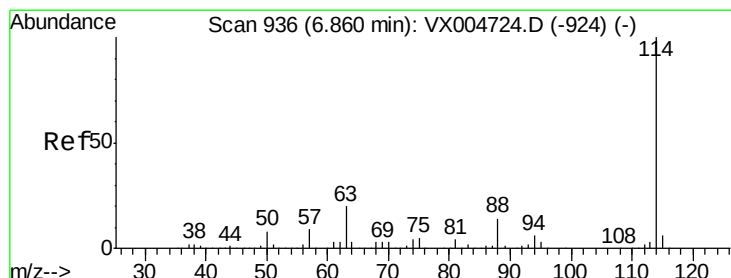
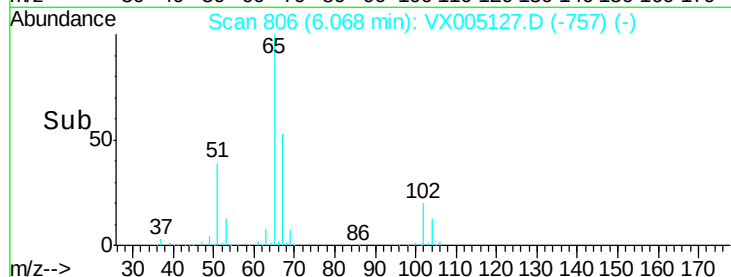
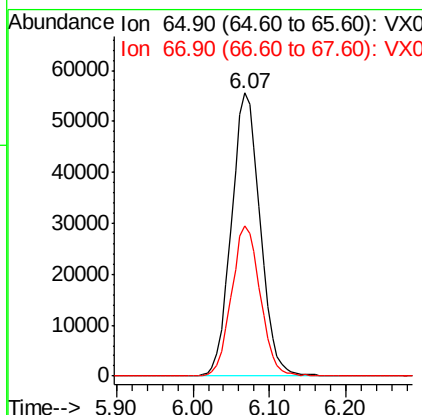
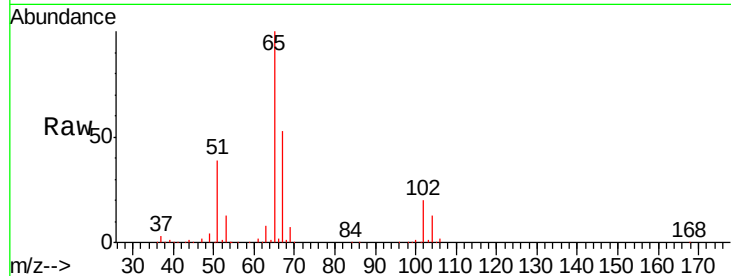




#33
 1,2-Dichloroethane-d4
 Concen: 53.50 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

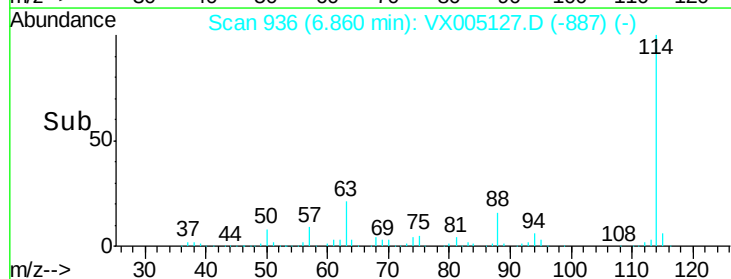
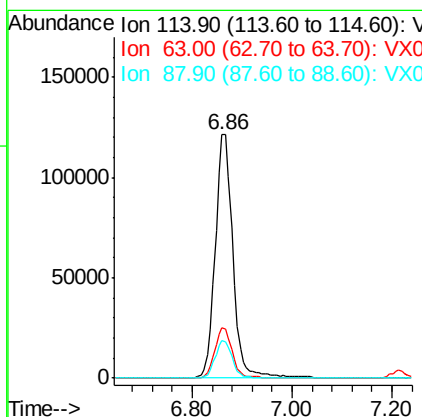
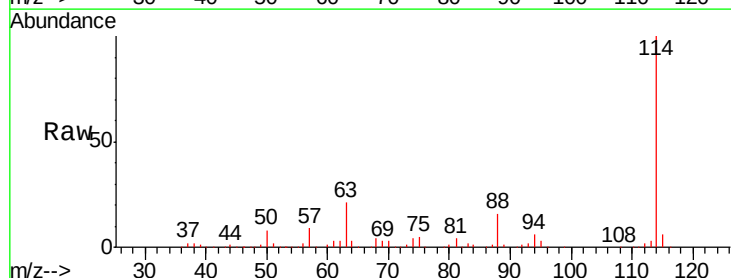
Instrument :
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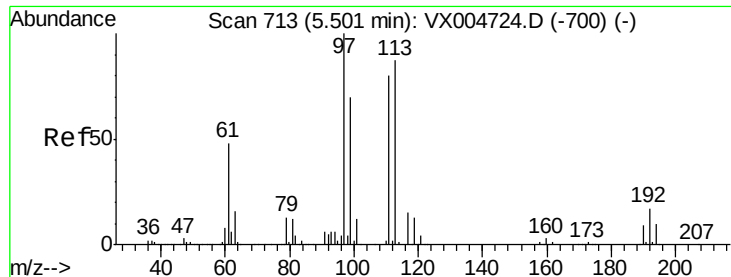
Tgt Ion: 65 Resp: 144608
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

Tgt Ion: 114 Resp: 298961
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 15.5 0.0 27.0

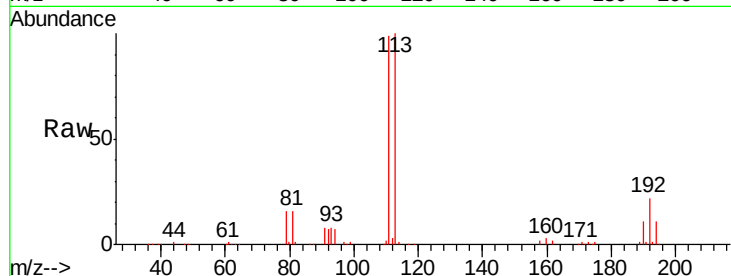




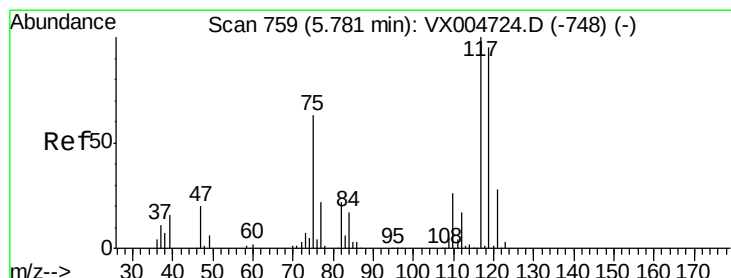
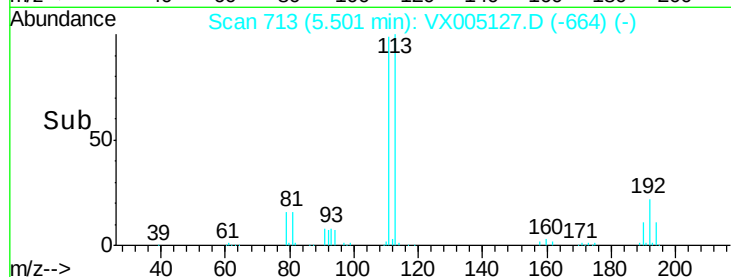
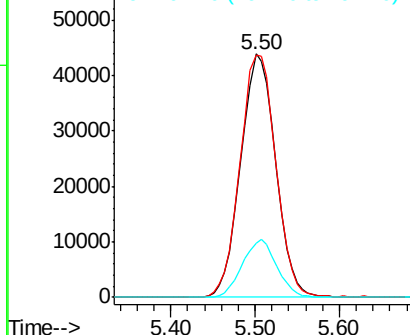
#35
 Dibromofluoromethane
 Concen: 48.72 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-101D2-20180928

Tgt Ion:113 Resp: 123448
 Ion Ratio Lower Upper
 113 100
 111 101.9 77.0 115.4
 192 23.5 17.0 25.6

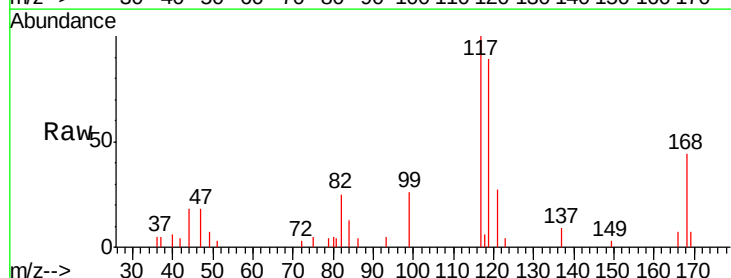


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

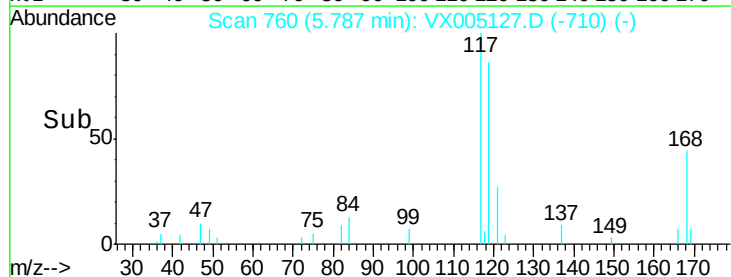
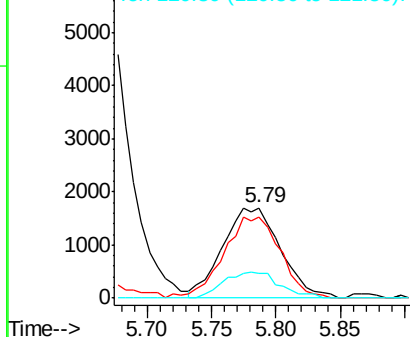


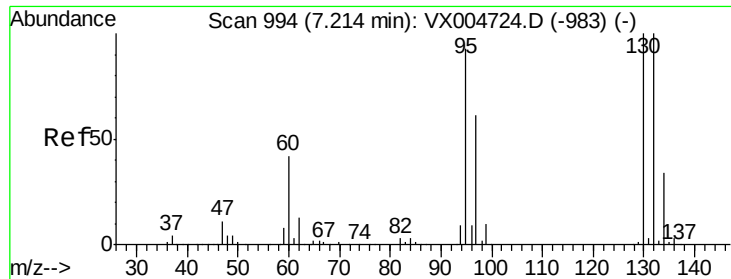
#38
 Carbon Tetrachloride
 Concen: 1.47 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

Tgt Ion:117 Resp: 5327
 Ion Ratio Lower Upper
 117 100
 119 89.2 75.2 112.8
 121 26.8 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 982.75 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005127.D

Acq: 08 Oct 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

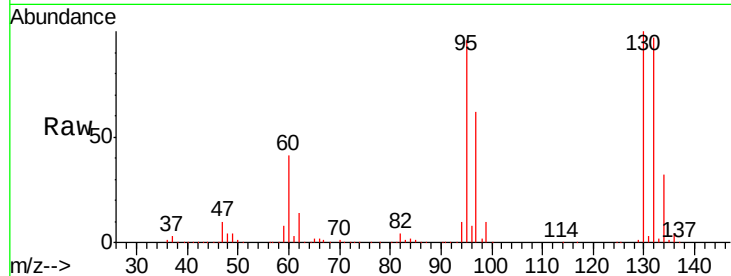
TT-101D2-20180928

Tgt Ion:130 Resp: 2614654

Ion Ratio Lower Upper

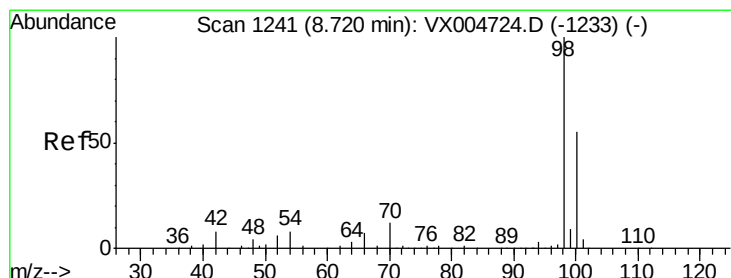
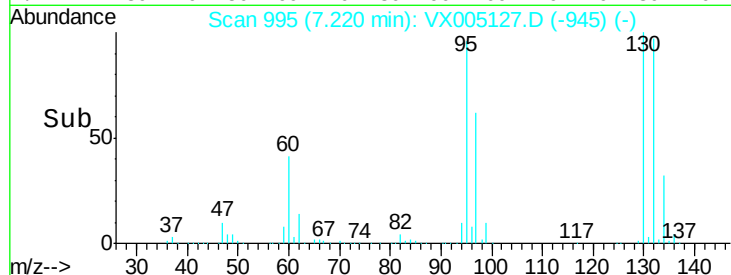
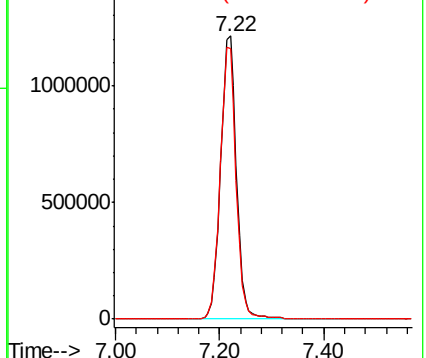
130 100

95 95.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.03 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005127.D

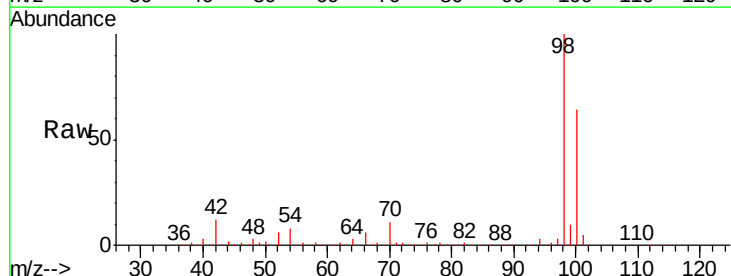
Acq: 08 Oct 2018 15:08

Tgt Ion: 98 Resp: 438228

Ion Ratio Lower Upper

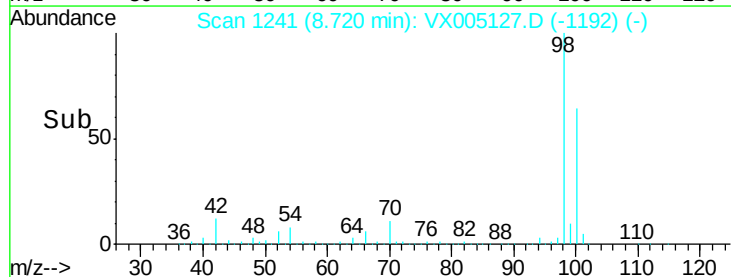
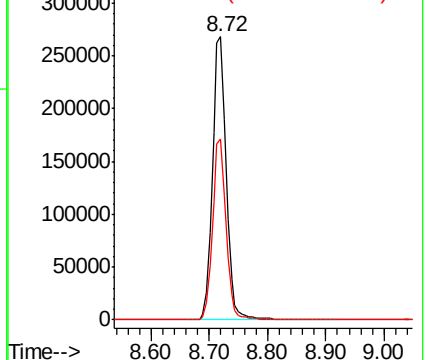
98 100

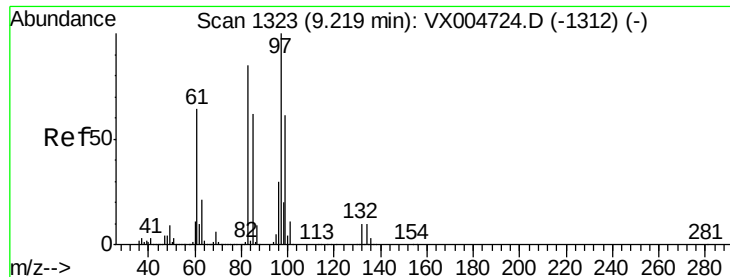
100 63.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

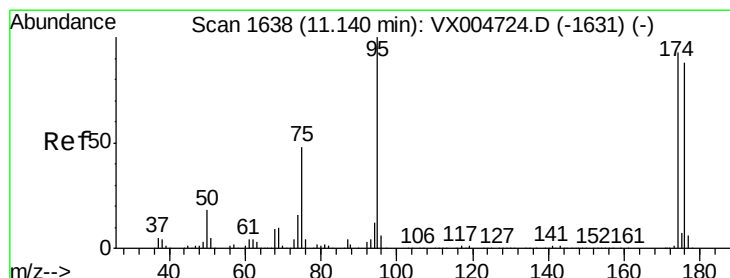
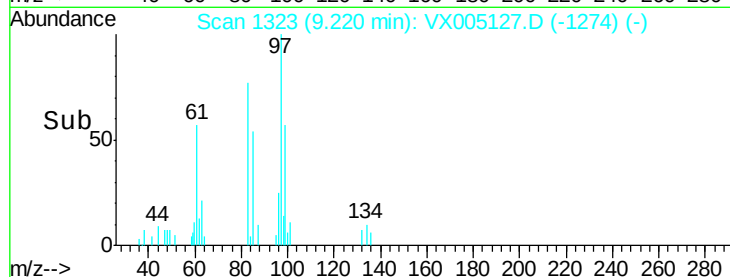
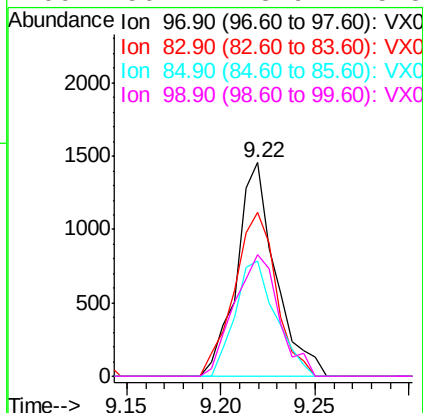
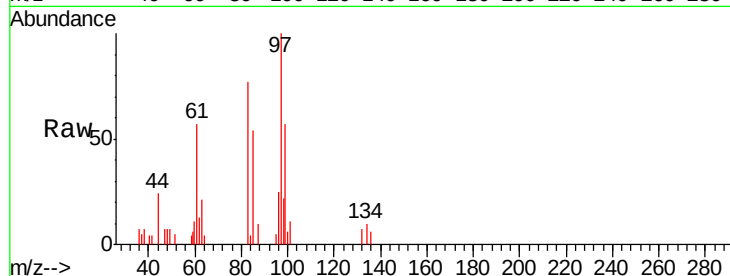




#55
 1,1,2-Trichloroethane
 Concen: 0.80 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

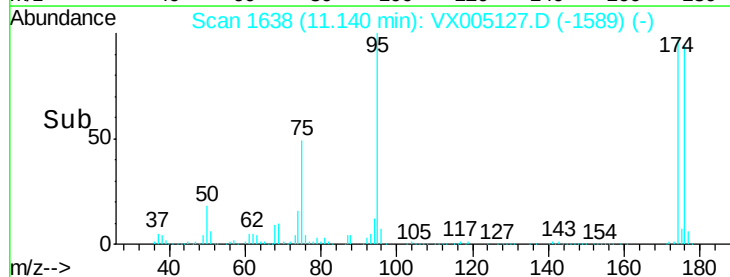
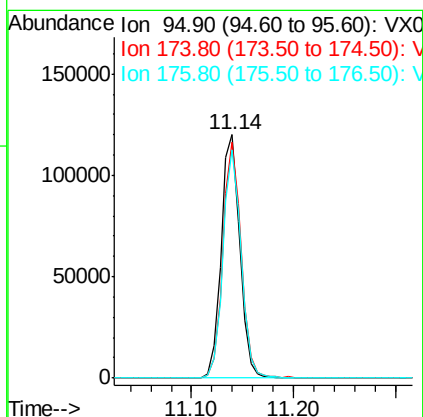
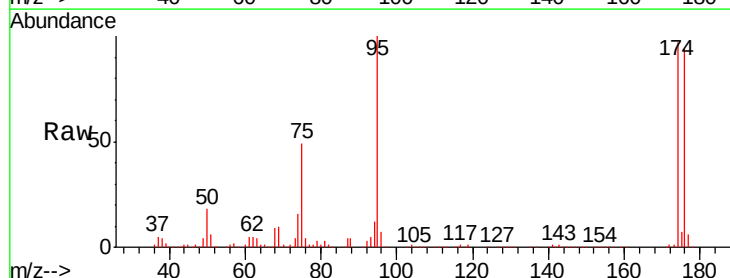
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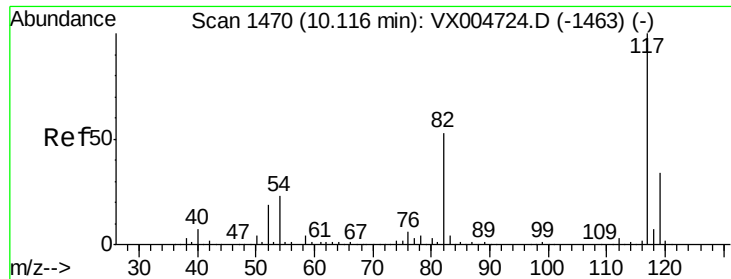
Tgt Ion:	97	Resp:	2077
Ion	Ratio	Lower	Upper
97	100		
83	76.6	68.2	102.2
85	54.0	49.9	74.9
99	56.7	48.9	73.3



#62
 4-Bromofluorobenzene
 Concen: 50.82 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005127.D
 Acq: 08 Oct 2018 15:08

Tgt Ion:	95	Resp:	154229
Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	185.0
176	90.5	0.0	180.2

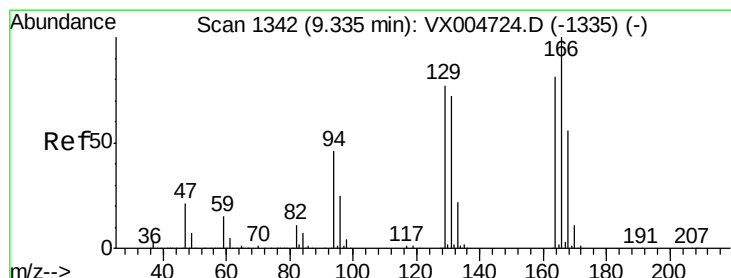
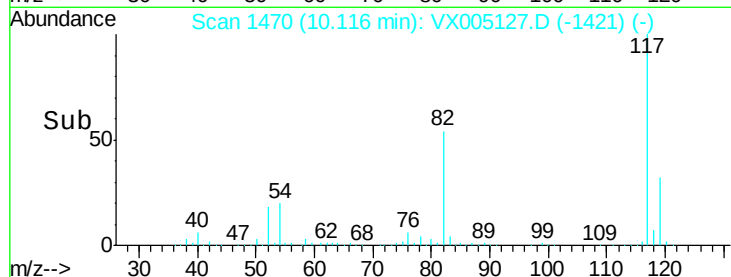
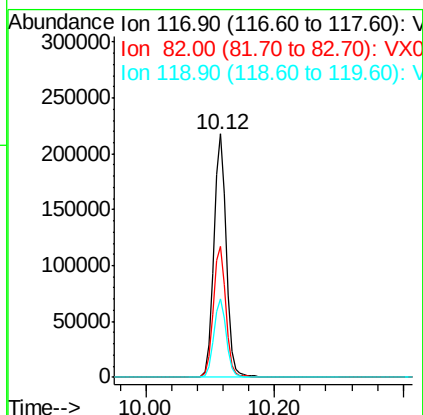
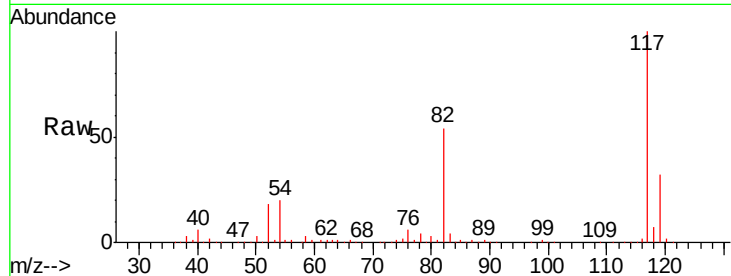




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005127.D
Acq: 08 Oct 2018 15:08

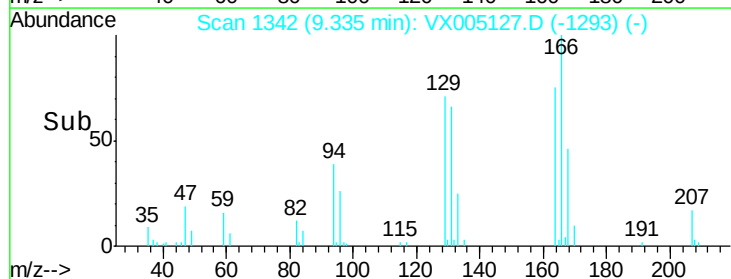
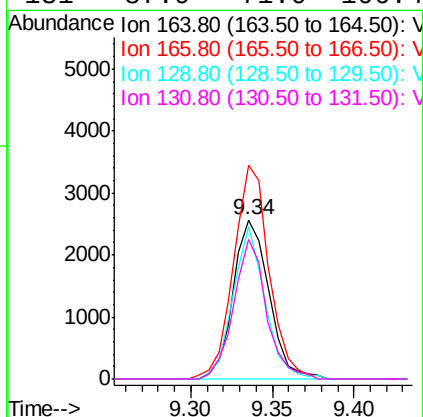
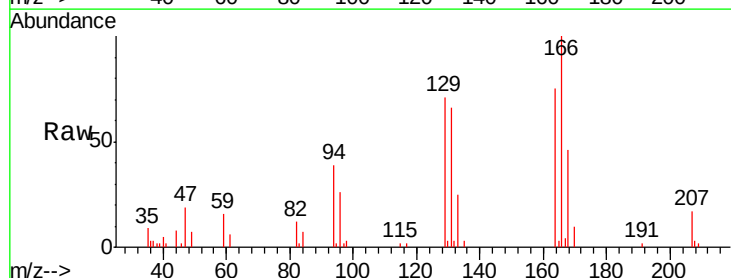
Instrument :
MSVOA_X
ClientSampleId :
TT-101D2-20180928

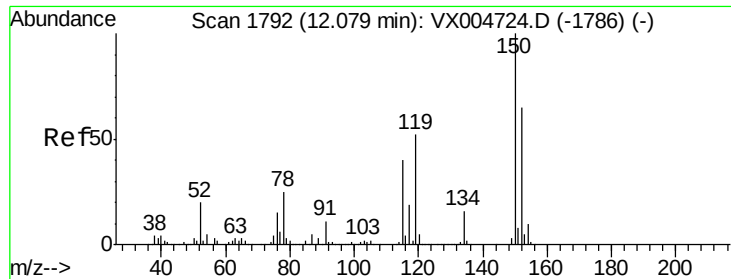
Tgt Ion:117 Resp: 296662
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.1 27.4 41.0



#64
Tetrachloroethene
Concen: 1.35 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005127.D
Acq: 08 Oct 2018 15:08

Tgt Ion:164 Resp: 3941
Ion Ratio Lower Upper
164 100
166 134.1 98.4 147.6
129 95.5 76.1 114.1
131 87.9 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: VX005127.D

Acq: 08 Oct 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

TT-101D2-20180928

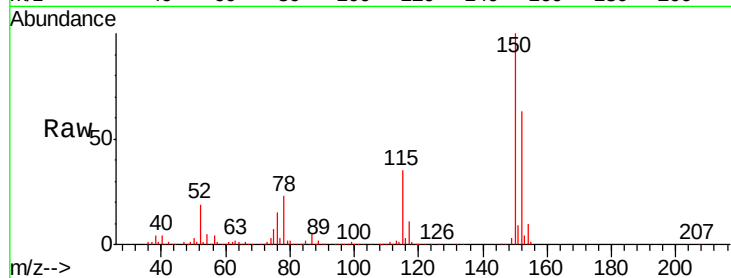
Tgt Ion:152 Resp: 165035

Ion Ratio Lower Upper

152 100

115 54.6 40.2 120.6

150 156.2 0.0 351.0



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

