

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005128.D
 Acq On : 08 Oct 2018 15:35
 Operator : JC/MD
 Sample : J5189-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-101D-20180928

Quant Time: Oct 09 12:57:43 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	5.66	168	192025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171855	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156633	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	
35) Dibromofluoromethane	5.50	113	129559	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.72	98	448889	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.14	95	160835	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

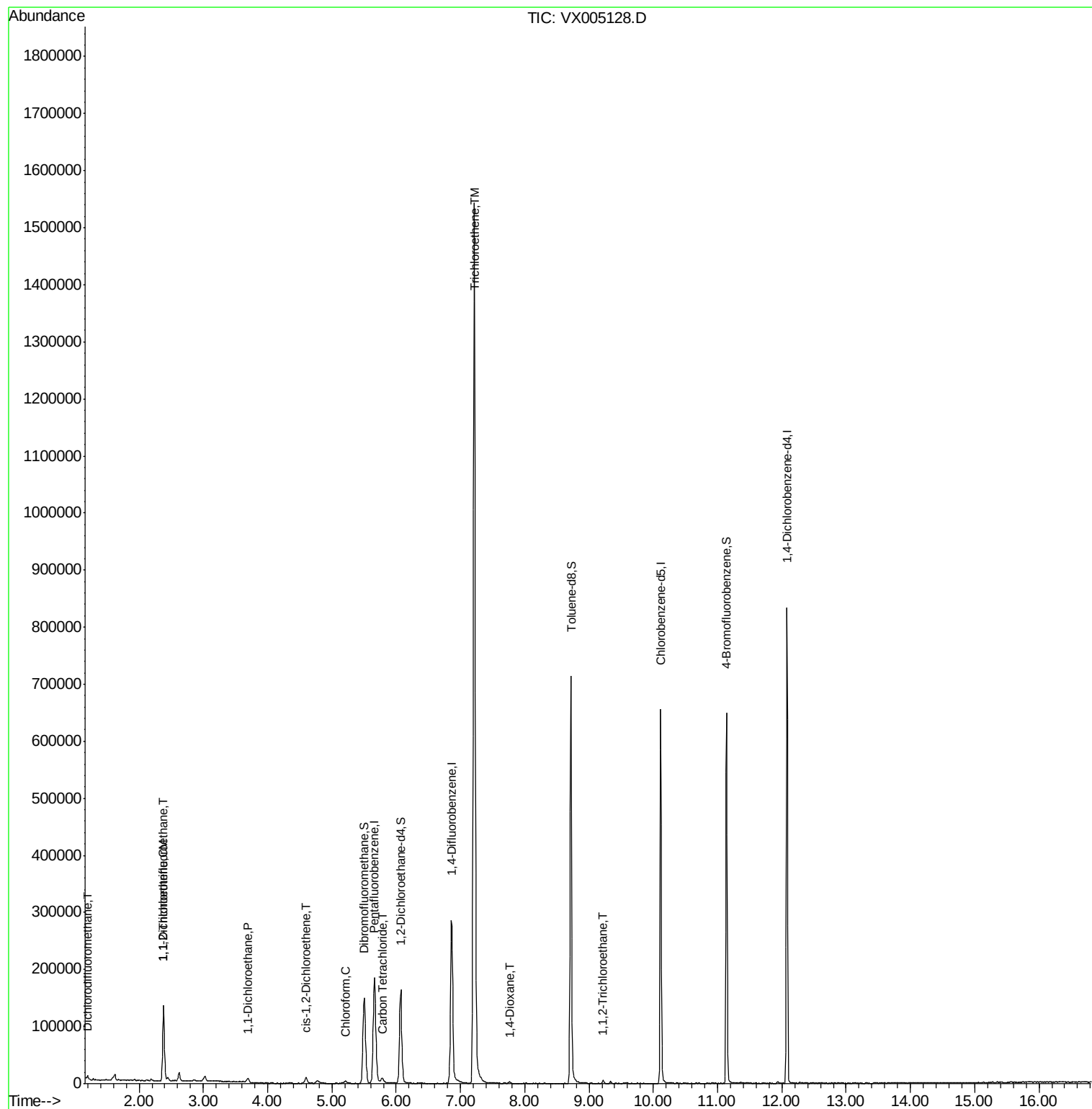
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	2947	1.13	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37276	17.74	ug/l	99
12) 1,1-Dichloroethene	2.37	96	15644	7.52	ug/l	96
24) 1,1-Dichloroethane	3.70	63	5925	1.30	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	6139	2.41	ug/l	98
30) Chloroform	5.22	83	4379	1.02	ug/l #	80
38) Carbon Tetrachloride	5.77	117	5856	1.59	ug/l	95
44) Trichloroethene	7.21	130	625259	231.33	ug/l	97
49) 1,4-Dioxane	7.76	88	1380	18.19	ug/l #	76
55) 1,1,2-Trichloroethane	9.22	97	1502	0.57	ug/l	96

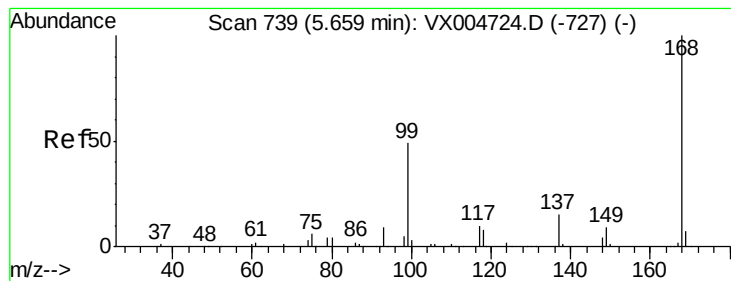
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005128.D

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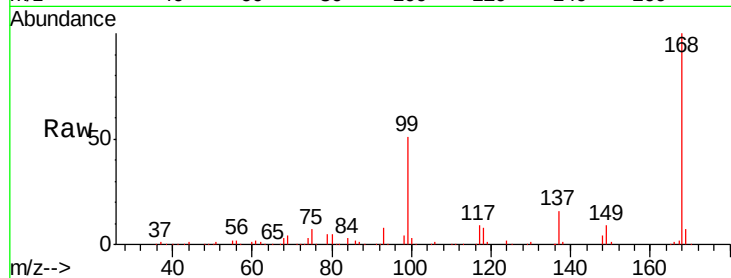
Instrument :
MSVOA_X
ClientSampleId :
TT-101D-20180928

Tgt Ion: 168 Resp: 192025

Ion Ratio Lower Upper

168 100

99 50.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

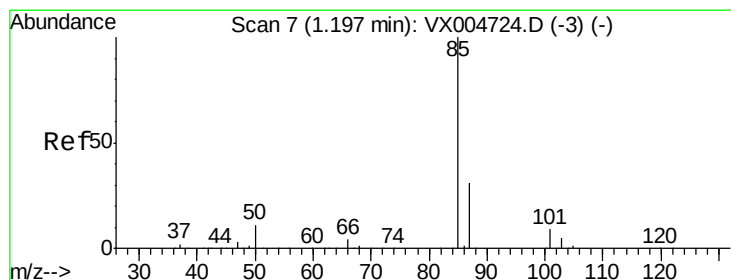
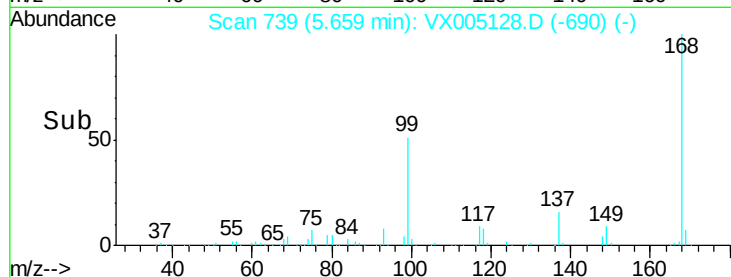
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.13 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005128.D

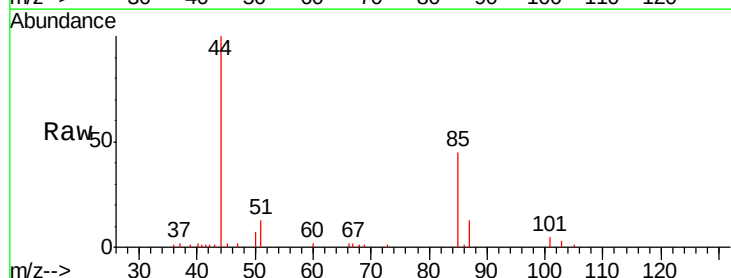
Acq: 08 Oct 2018 15:35

Tgt Ion: 85 Resp: 2947

Ion Ratio Lower Upper

85 100

87 29.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

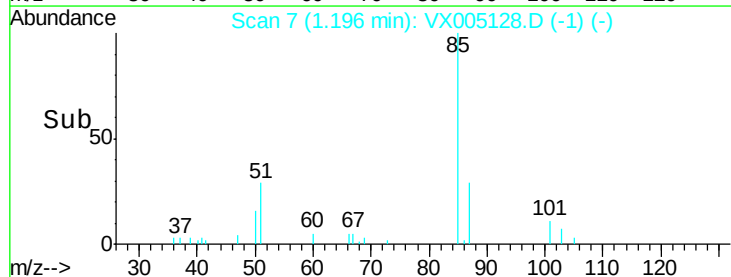
3000

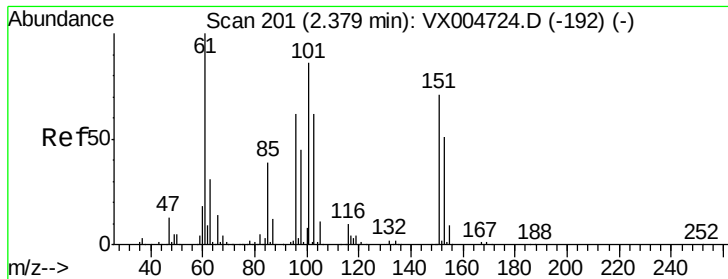
2000

1000

0

Time--> 1.15 1.20 1.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.74 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005128.D

Acq: 08 Oct 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT-101D-20180928

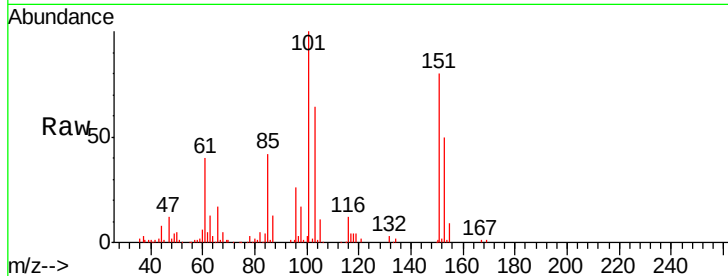
Tgt Ion:101 Resp: 37276

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

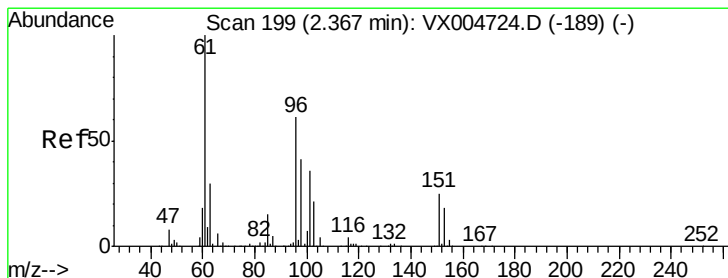
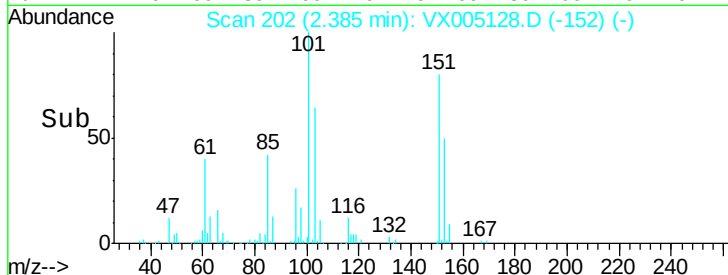
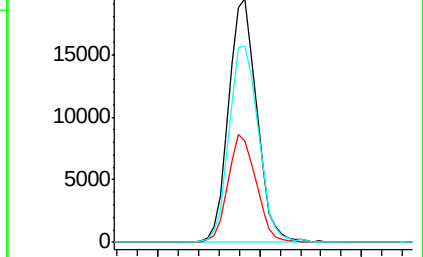
151 84.2 66.6 100.0



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



#12

1,1-Dichloroethene

Concen: 7.52 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005128.D

Acq: 08 Oct 2018 15:35

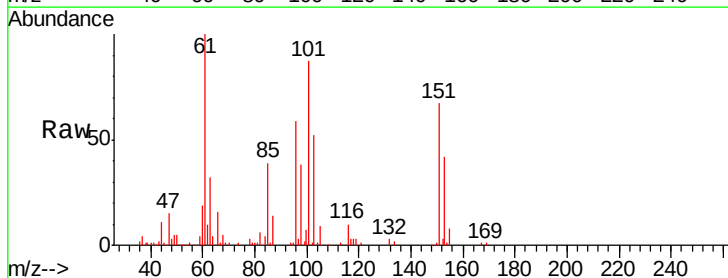
Tgt Ion: 96 Resp: 15644

Ion Ratio Lower Upper

96 100

61 168.2 130.2 195.4

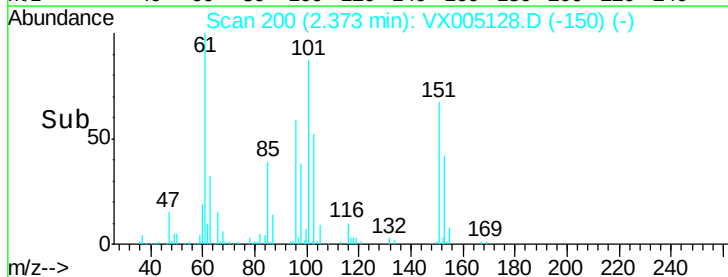
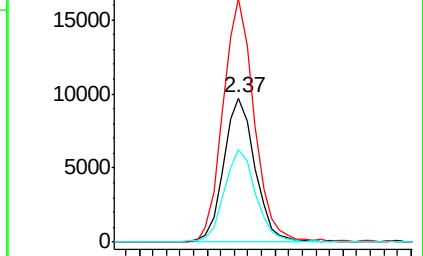
98 64.0 53.4 80.0

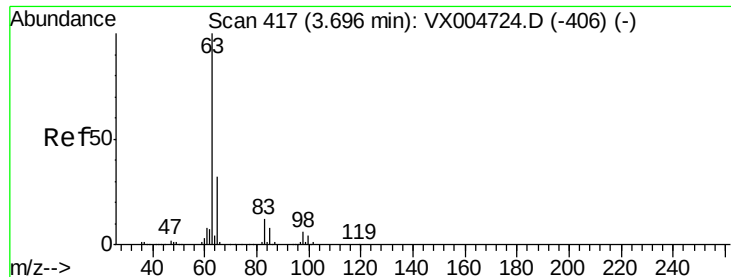


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 1.30 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005128.D

Acq: 08 Oct 2018 15:35

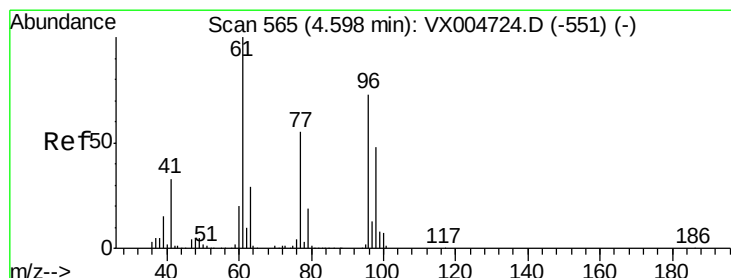
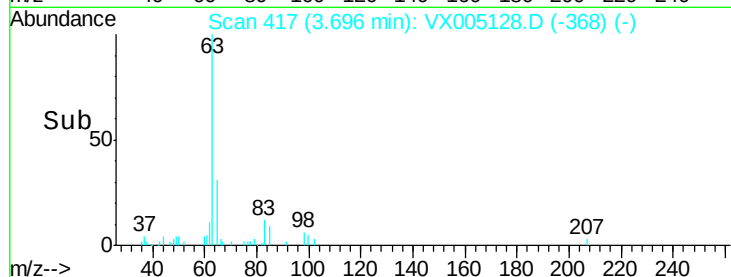
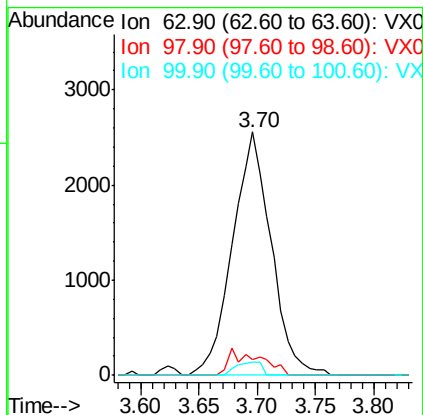
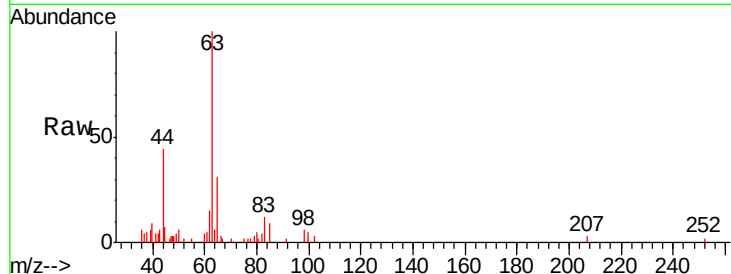
Instrument :

MSVOA_X

ClientSampleId :

TT-101D-20180928

Tgt Ion:	63	Resp:	5925
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.0	9.2
100	5.5	2.0	5.8



#27

cis-1,2-Dichloroethene

Concen: 2.41 ug/l

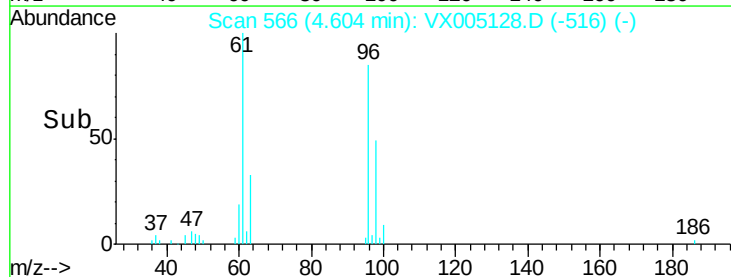
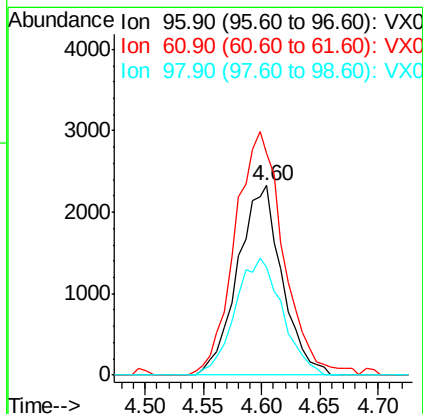
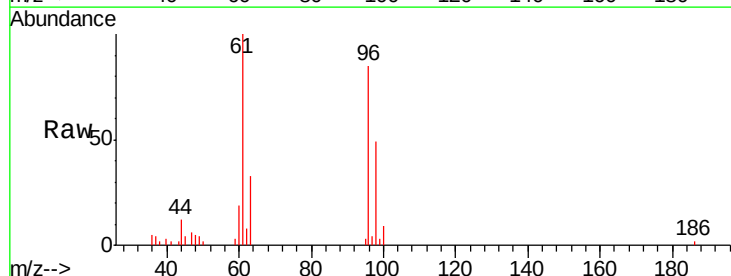
RT: 4.60 min Scan# 566

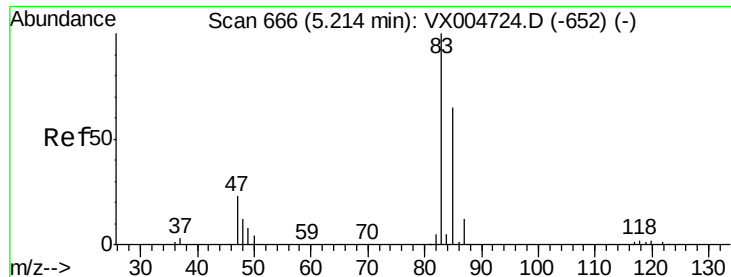
Delta R.T. 0.01 min

Lab File: VX005128.D

Acq: 08 Oct 2018 15:35

Tgt Ion:	96	Resp:	6139
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	285.8
98	65.6	0.0	136.2

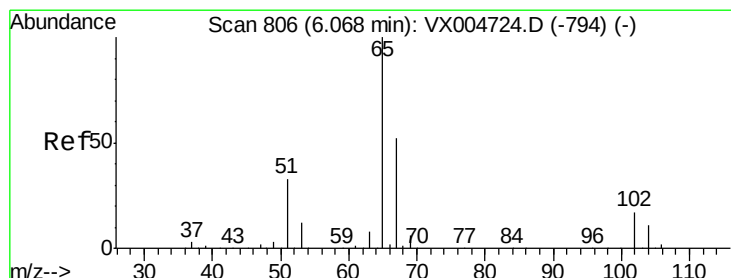
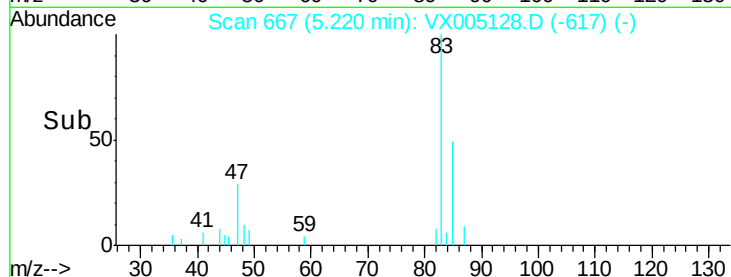
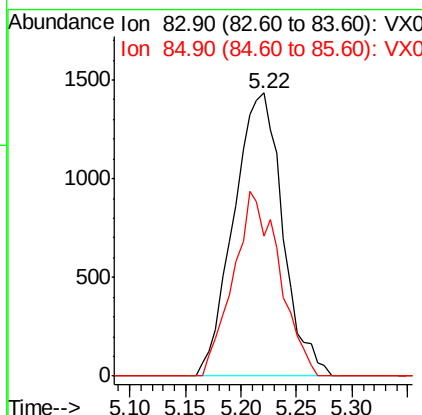
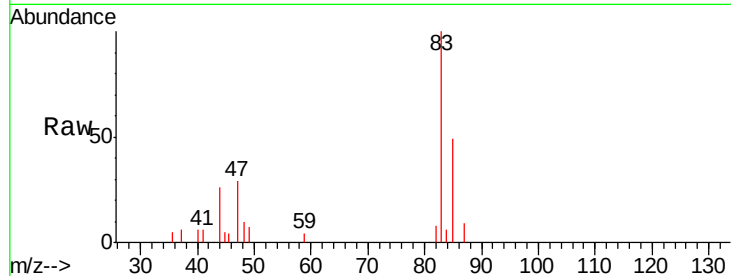




#30
Chloroform
Concen: 1.02 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

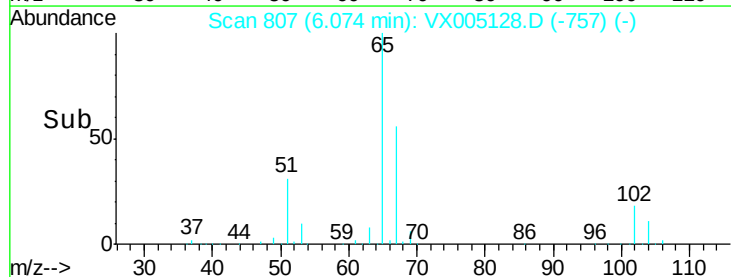
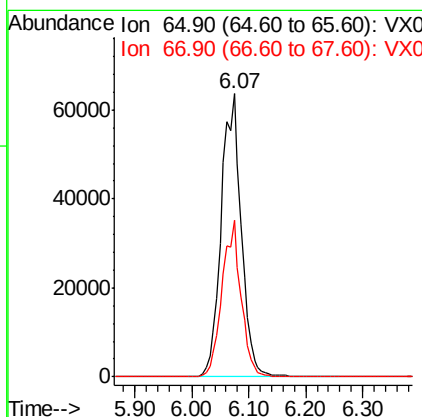
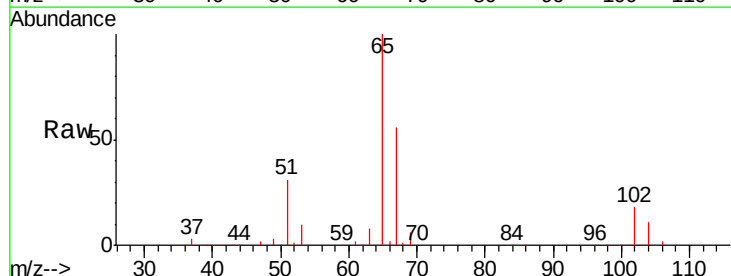
Instrument :
MSVOA_X
ClientSampleId :
TT-101D-20180928

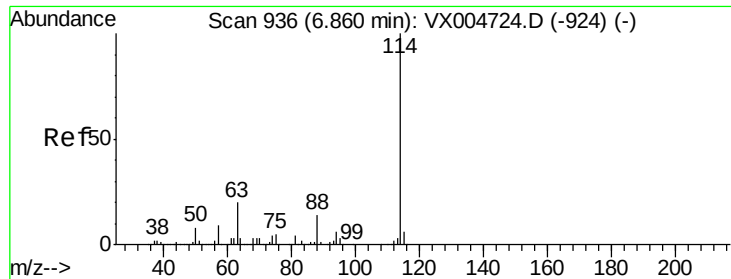
Tgt Ion: 83 Resp: 4379
Ion Ratio Lower Upper
83 100
85 49.3 52.4 78.6#



#33
1,2-Dichloroethane-d4
Concen: 57.10 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

Tgt Ion: 65 Resp: 156633
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

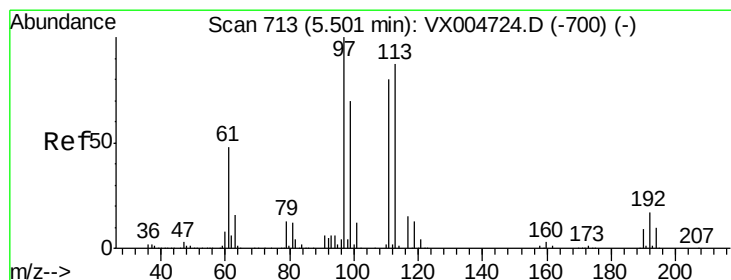
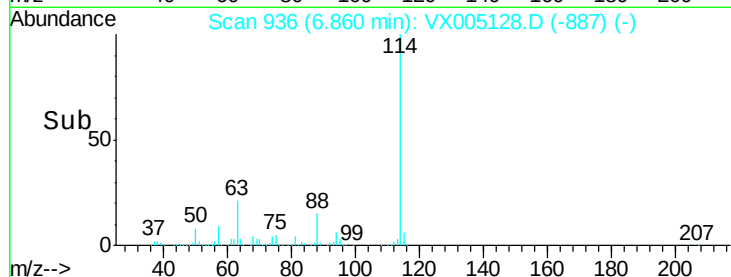
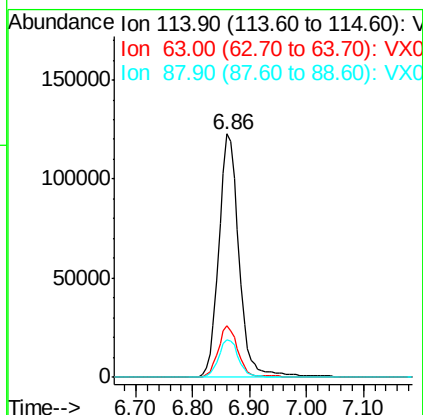
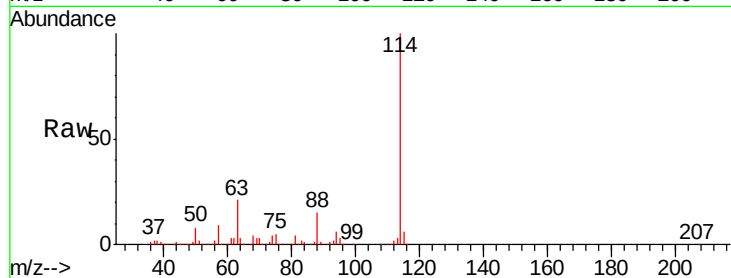




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005128.D
 Acq: 08 Oct 2018 15:35

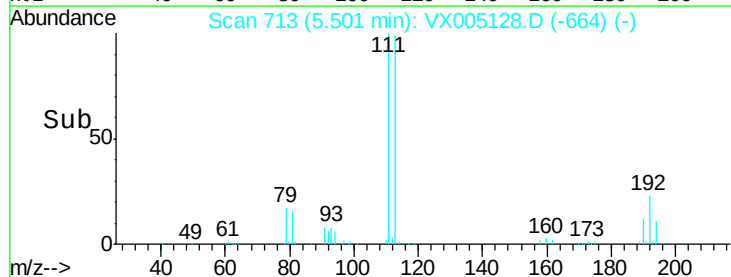
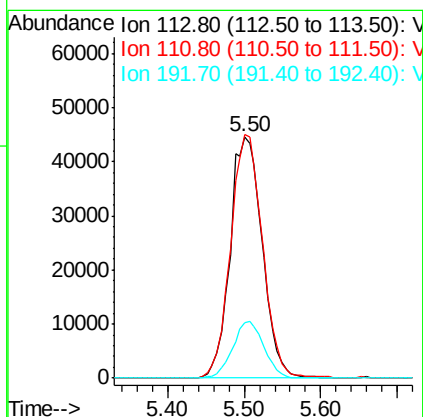
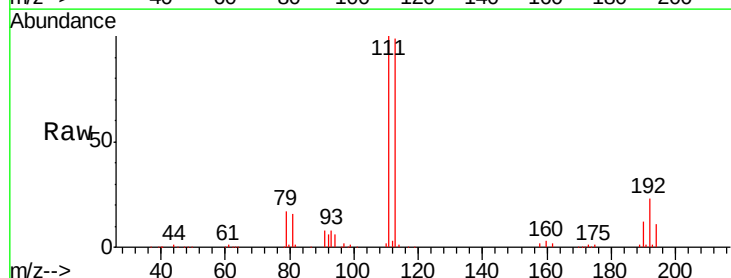
Instrument :
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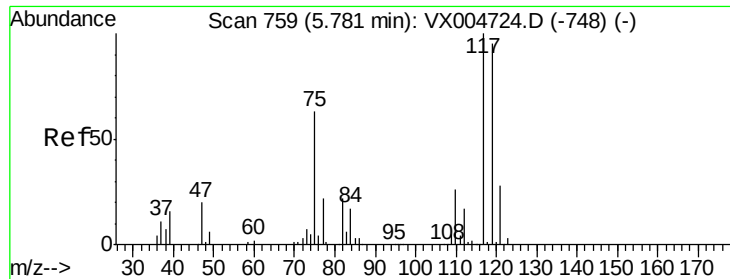
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.8
88	15.4	0.0	27.0



#35
 Dibromofluoromethane
 Concen: 50.33 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005128.D
 Acq: 08 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.8	77.0	115.4
192	23.0	17.0	25.6

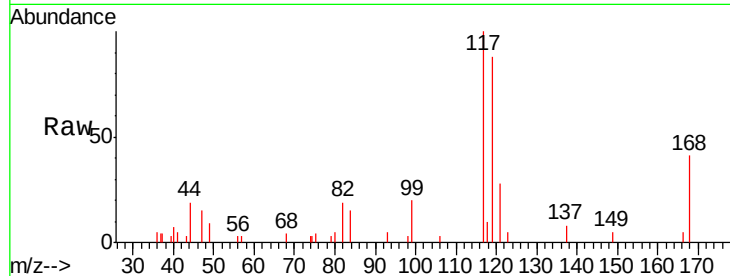




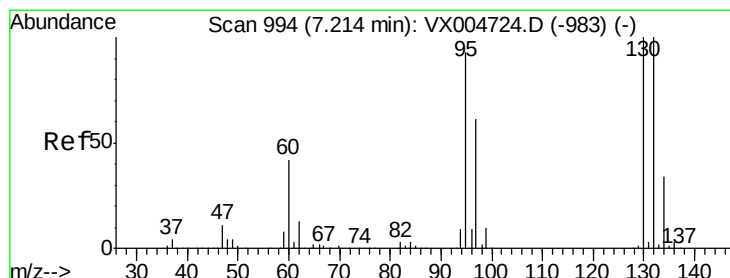
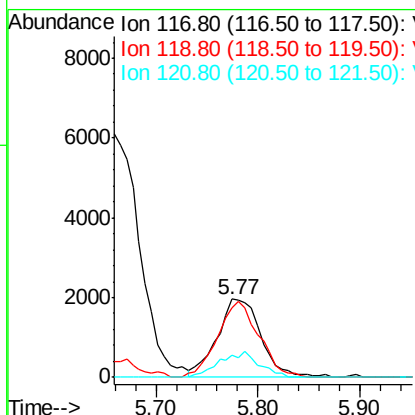
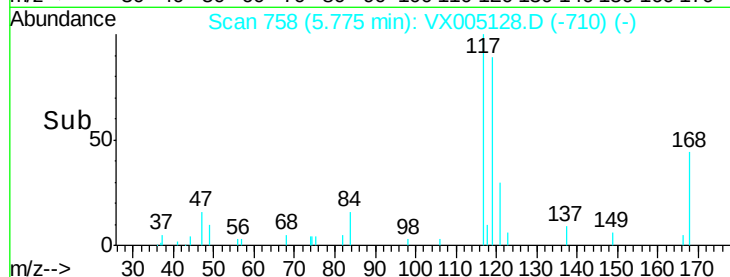
#38
Carbon Tetrachloride
Concen: 1.59 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 5856
Ion Ratio Lower Upper
117 100
119 88.3 75.2 112.8
121 28.1 22.5 33.7

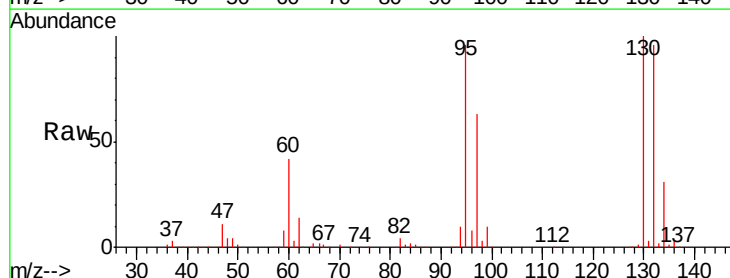


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

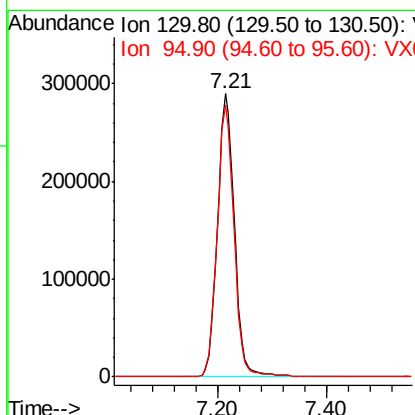
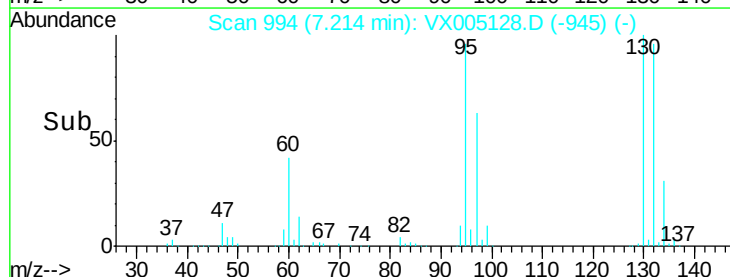


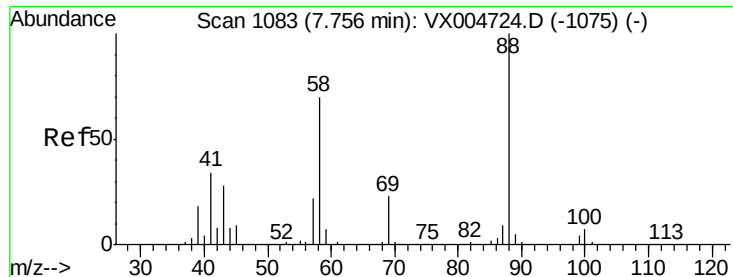
#44
Trichloroethene
Concen: 231.33 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

Tgt Ion:130 Resp: 625259
Ion Ratio Lower Upper
130 100
95 95.9 0.0 186.8



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

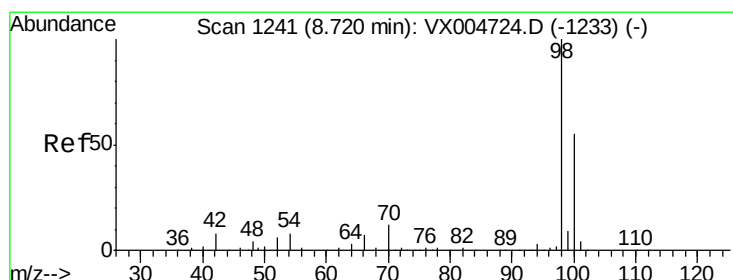
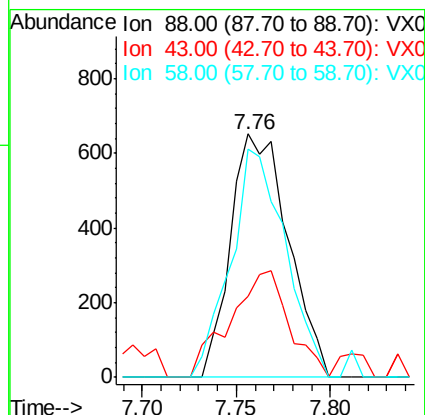
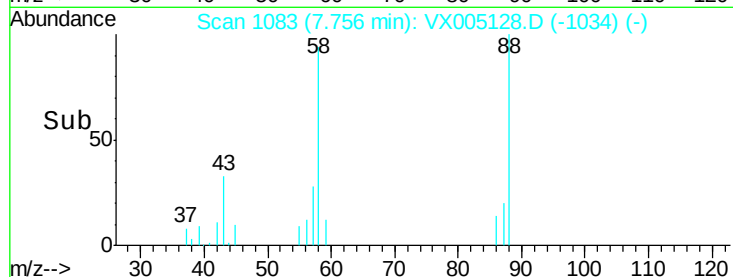
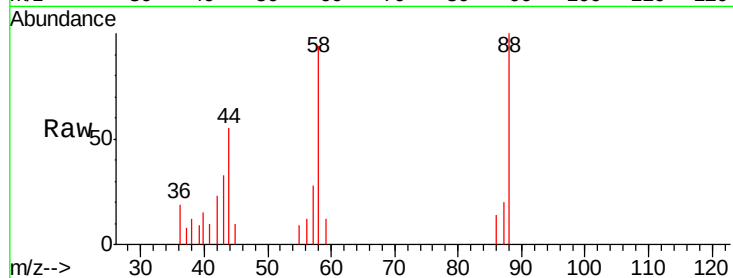




#49
1,4-Dioxane
Concen: 18.19 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

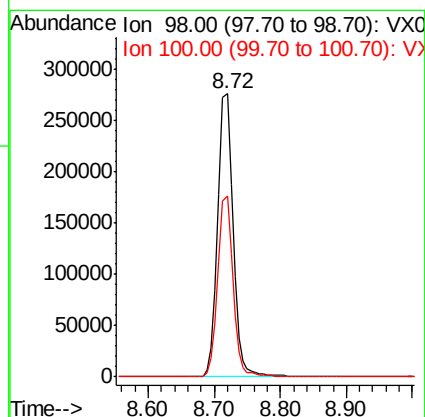
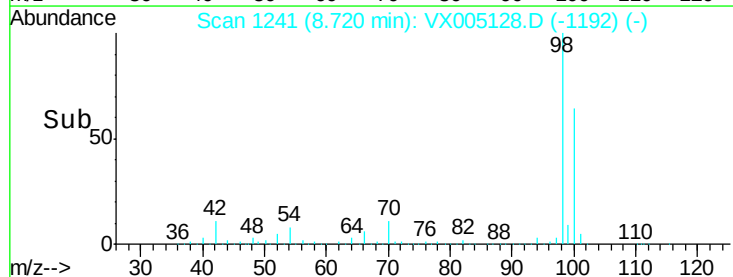
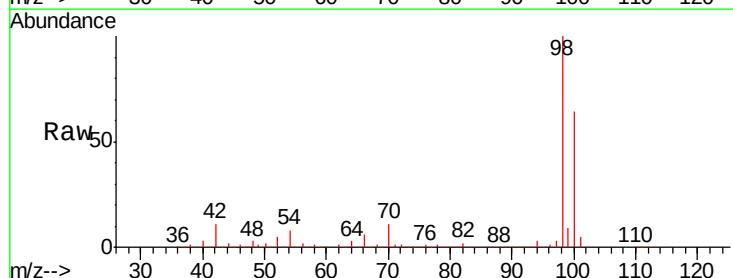
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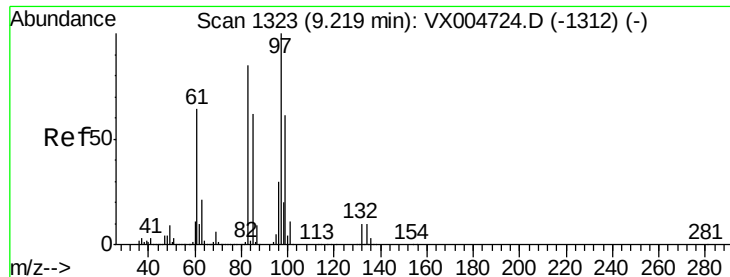
Tgt Ion: 88 Resp: 1380
Ion Ratio Lower Upper
88 100
43 44.9 25.1 37.7#
58 89.3 56.2 84.2#



#50
Toluene-d8
Concen: 52.46 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

Tgt Ion: 98 Resp: 448889
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9





#55

1,1,2-Trichloroethane

Concen: 0.57 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005128.D

Acq: 08 Oct 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT-101D-20180928

Tgt Ion: 97 Resp: 1502

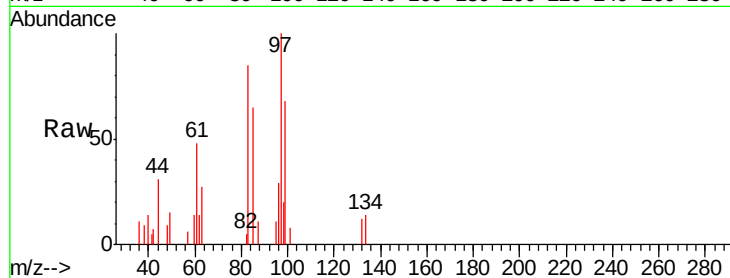
Ion Ratio Lower Upper

97 100

83 84.8 68.2 102.2

85 64.7 49.9 74.9

99 68.0 48.9 73.3

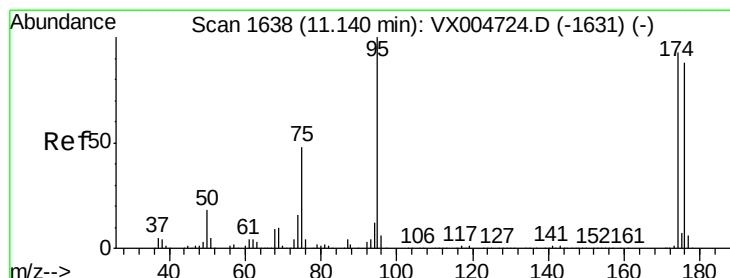
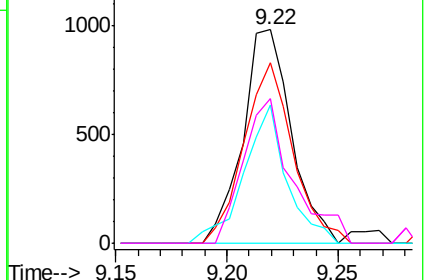
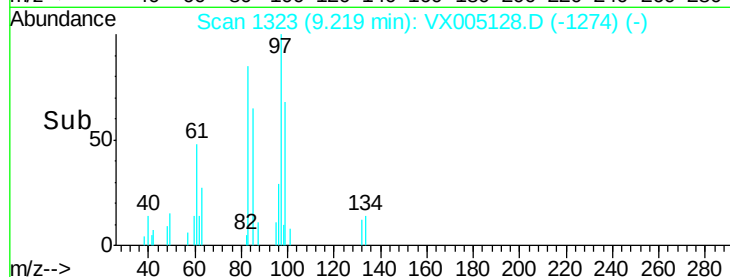


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 52.17 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005128.D

Acq: 08 Oct 2018 15:35

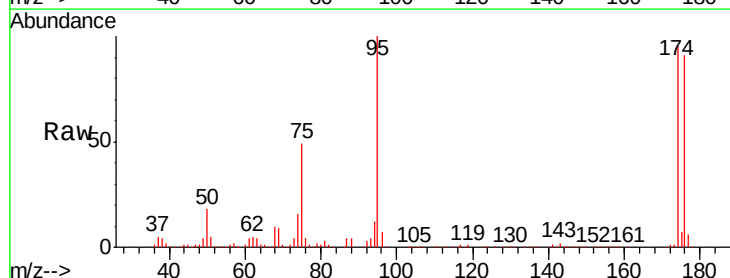
Tgt Ion: 95 Resp: 160835

Ion Ratio Lower Upper

95 100

174 93.6 0.0 185.0

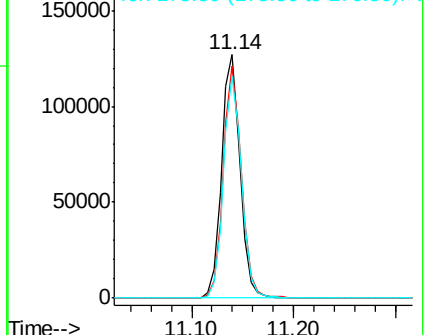
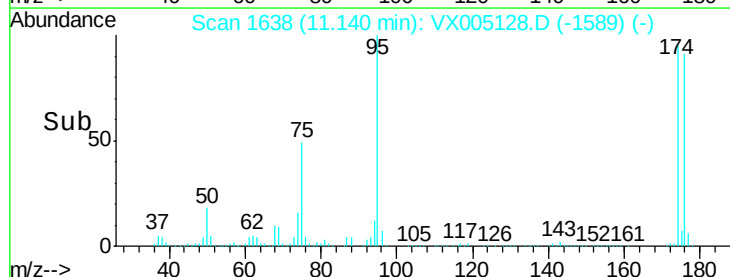
176 89.7 0.0 180.2

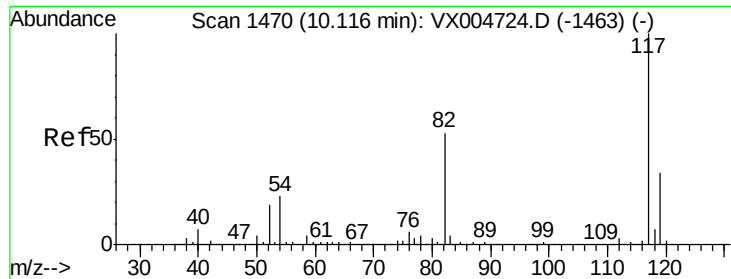


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

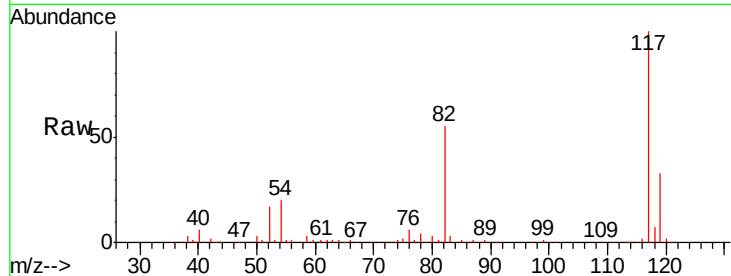




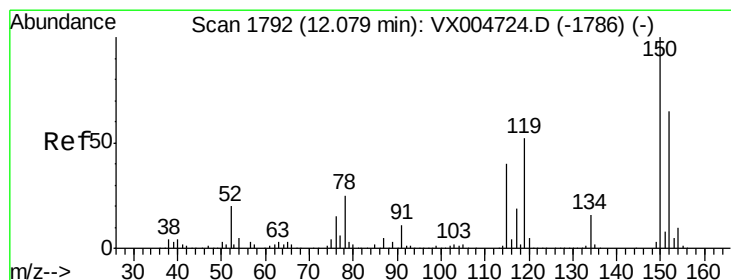
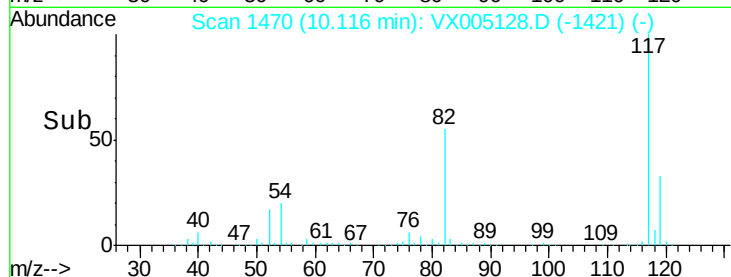
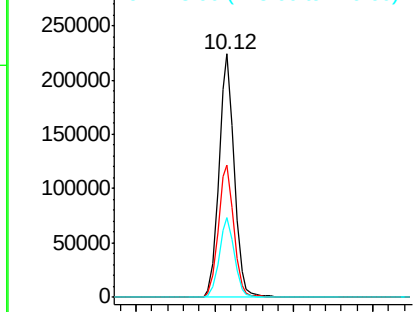
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

Instrument :
MSVOA_X
ClientSampleId :
TT-101D-20180928

Tgt Ion:117 Resp: 302568
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 33.0 27.4 41.0

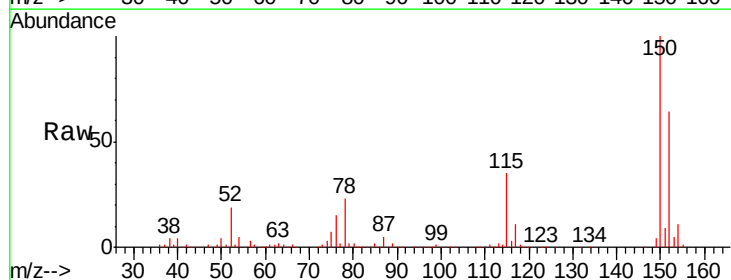


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005128.D
Acq: 08 Oct 2018 15:35

Tgt Ion:152 Resp: 171855
Ion Ratio Lower Upper
152 100
115 55.3 40.2 120.6
150 157.2 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

