

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021686.D
 Acq On : 31 Mar 2021 15:35
 Operator : JC/MD
 Sample : M1843-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20210324

Quant Time: Apr 01 03:26:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

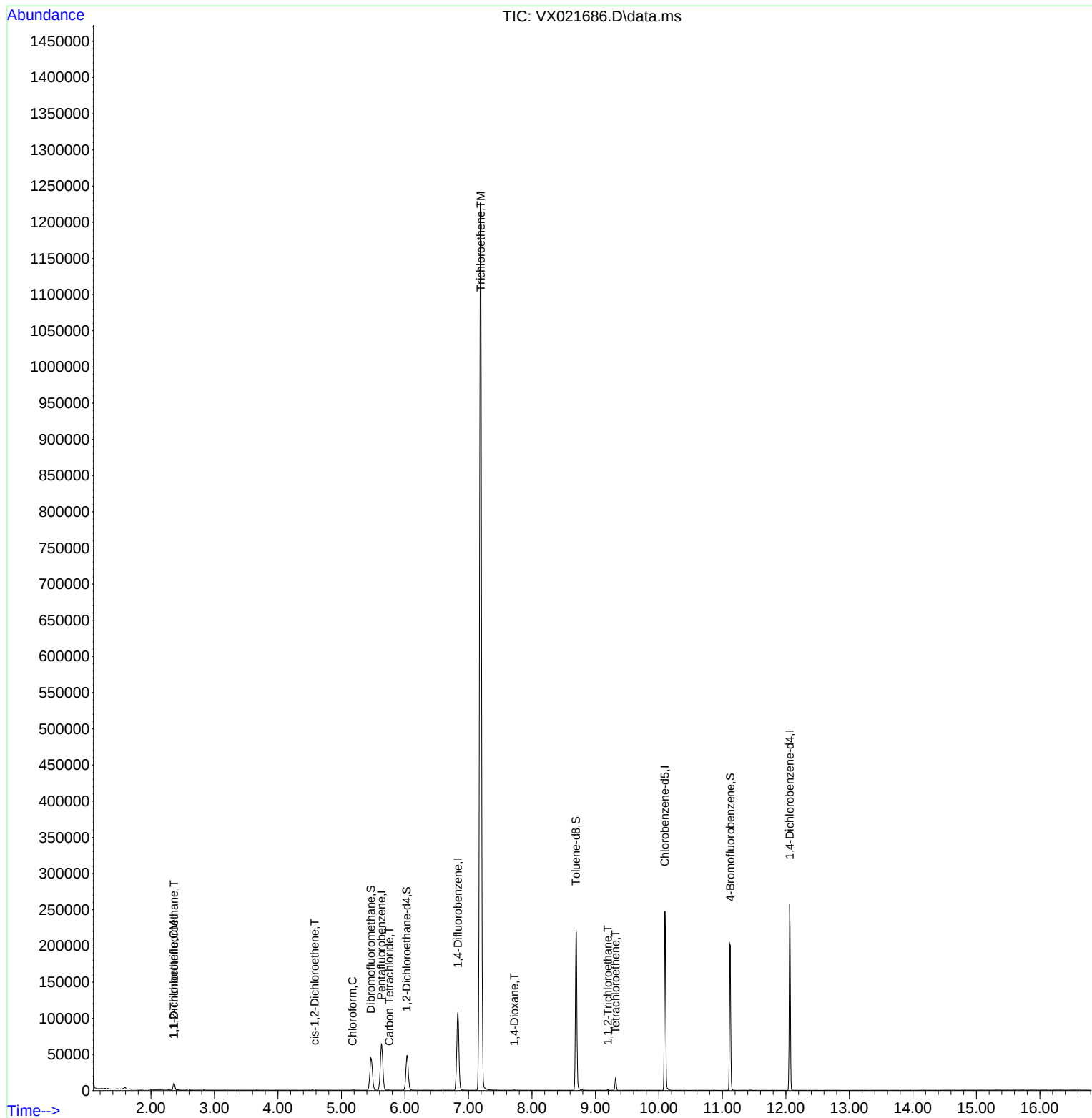
Internal Standards						
1) Pentafluorobenzene	5.629	168	54332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	101246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	105929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	48460	53.61	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.22%	
35) Dibromofluoromethane	5.464	113	37434	52.05	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.10%	
50) Toluene-d8	8.694	98	128532	50.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.30%	
62) 4-Bromofluorobenzene	11.124	95	52423	52.61	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.22%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.364	101	2783	4.98	ug/l	95
12) 1,1-Dichloroethene	2.358	96	1080	1.97	ug/l	95
27) cis-1,2-Dichloroethene	4.576	96	955	1.37	ug/l	98
30) Chloroform	5.176	83	457	0.37	ug/l	94
38) Carbon Tetrachloride	5.753	117	372	0.35	ug/l #	61
44) Trichloroethene	7.194	130	435604	585.97	ug/l	96
49) 1,4-Dioxane	7.723	88	369	20.74	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	275	0.37	ug/l #	87
64) Tetrachloroethene	9.318	164	2926	4.12	ug/l	95

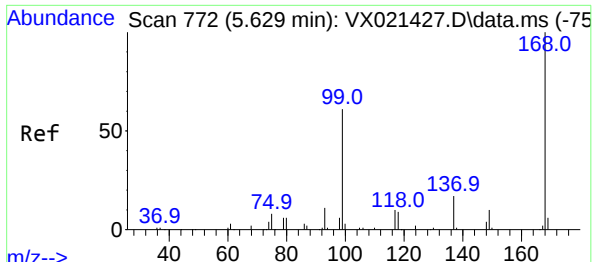
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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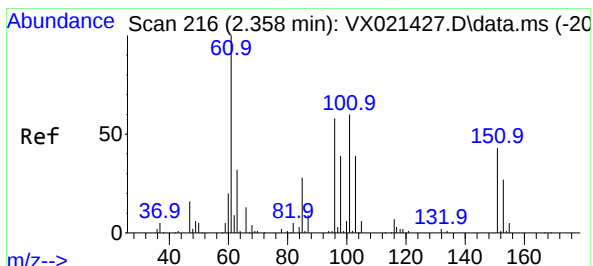
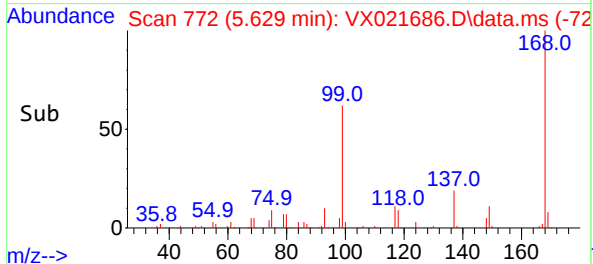
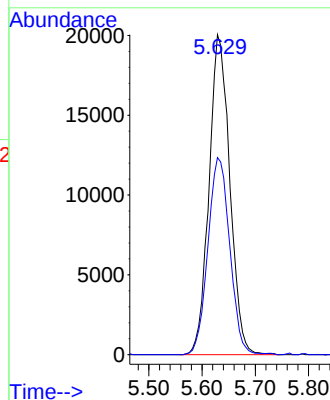
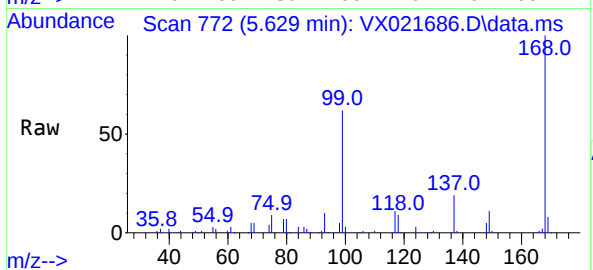




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

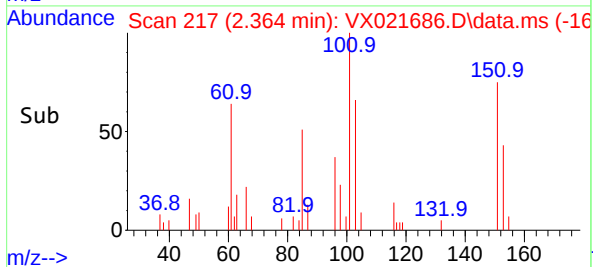
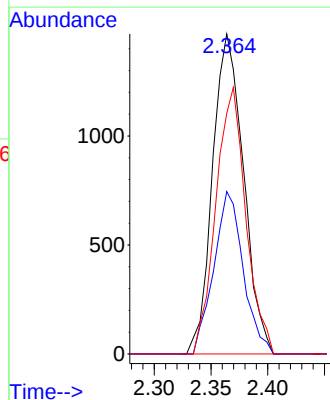
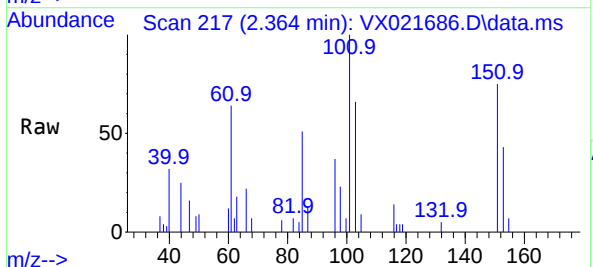
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324

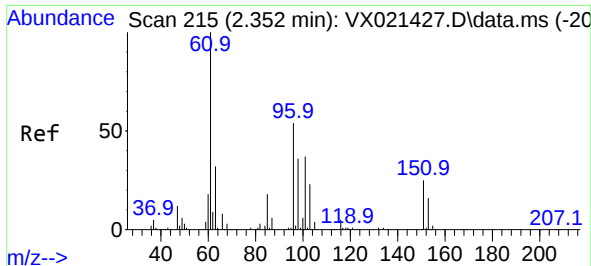
Tgt Ion:168 Resp: 54332
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.98 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

Tgt Ion:101 Resp: 2783
Ion Ratio Lower Upper
101 100
85 48.3 34.9 52.3
151 80.6 61.4 92.2





#12

1,1-Dichloroethene

Concen: 1.97 ug/l

RT: 2.358 min Scan# 216

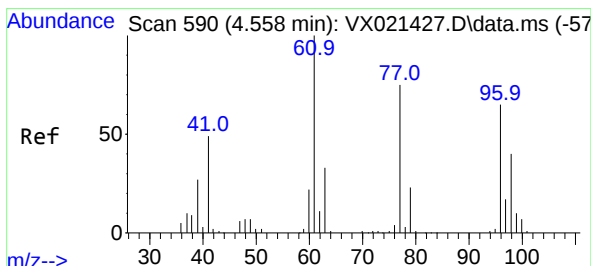
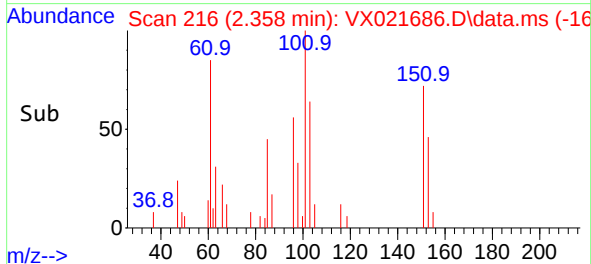
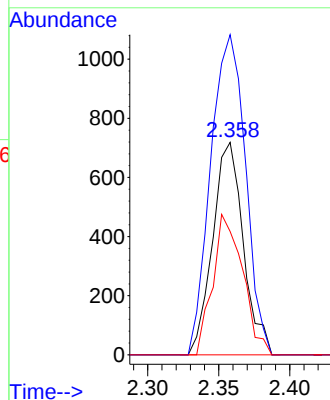
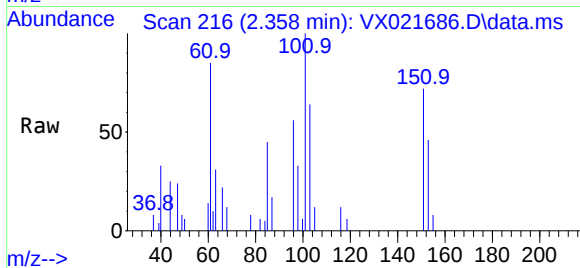
Delta R.T. 0.006 min

Lab File: VX021686.D

Acq: 31 Mar 2021 15:35

Tgt Ion: 96 Resp: 1080

Ion	Ratio	Lower	Upper
96	100		
61	150.6	124.6	187.0
98	58.0	50.6	76.0



#27

cis-1,2-Dichloroethene

Concen: 1.37 ug/l

RT: 4.576 min Scan# 593

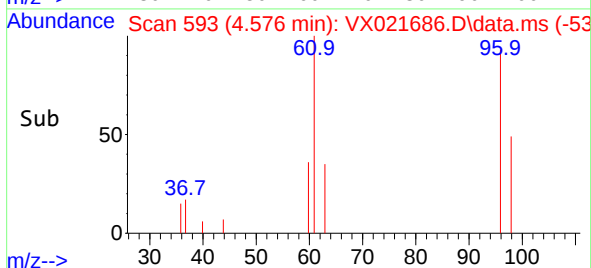
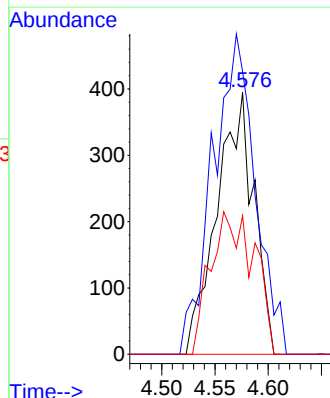
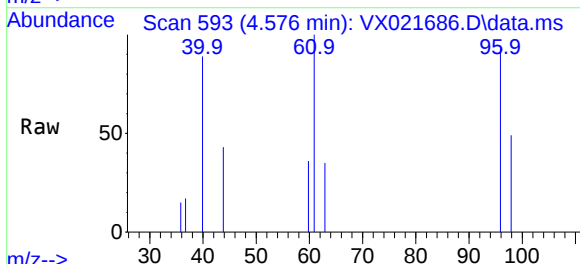
Delta R.T. 0.018 min

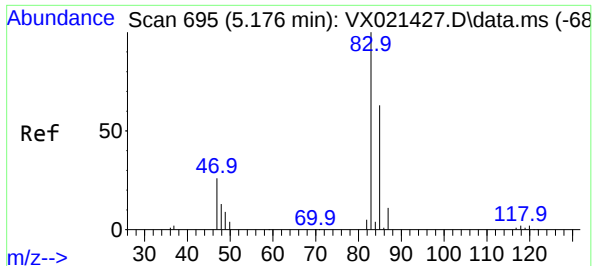
Lab File: VX021686.D

Acq: 31 Mar 2021 15:35

Tgt Ion: 96 Resp: 955

Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	285.6
98	64.3	0.0	129.6





#30

Chloroform

Concen: 0.37 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021686.D

Acq: 31 Mar 2021 15:35

Instrument :

MSVOA_X

ClientSampleId :

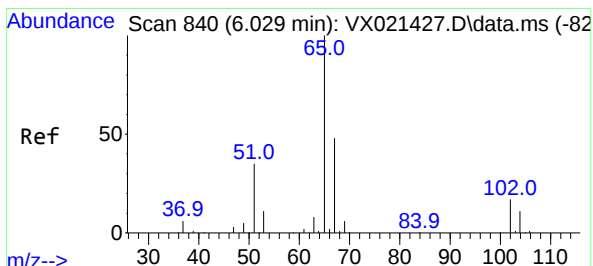
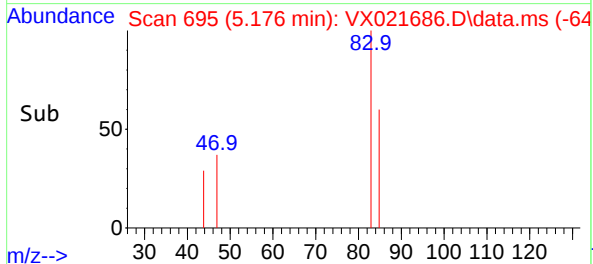
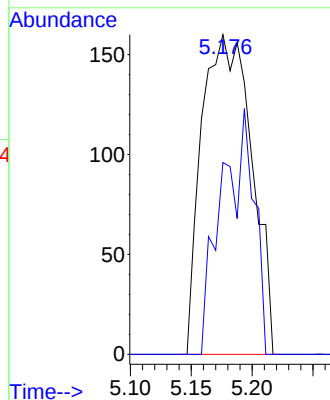
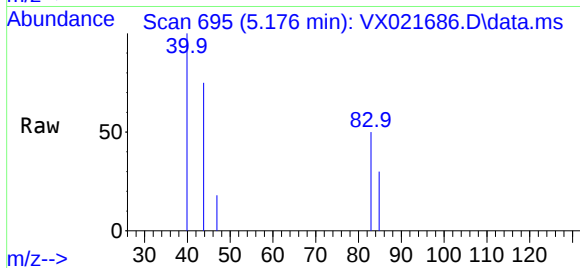
RW4-20210324

Tgt Ion: 83 Resp: 457

Ion Ratio Lower Upper

83 100

85 60.0 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 53.61 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021686.D

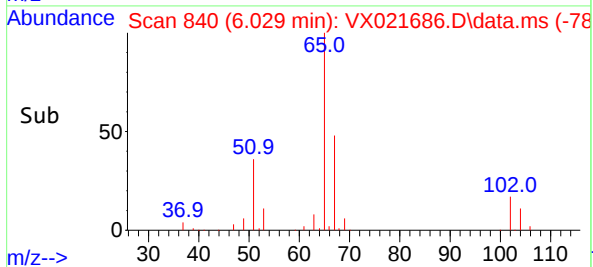
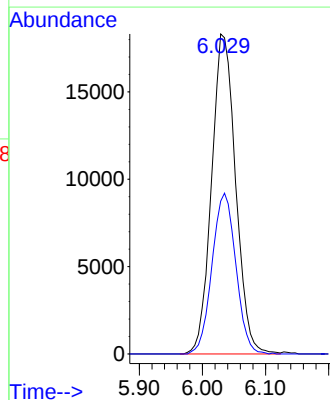
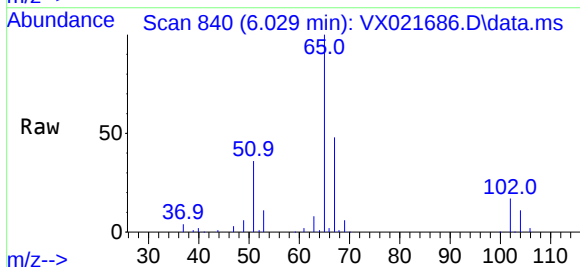
Acq: 31 Mar 2021 15:35

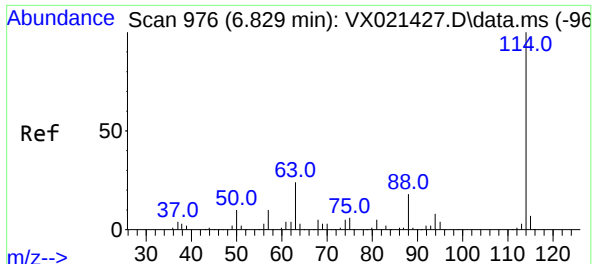
Tgt Ion: 65 Resp: 48460

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.4

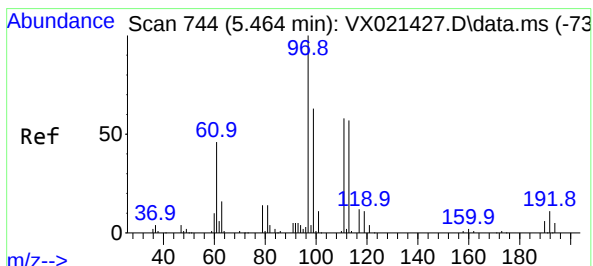
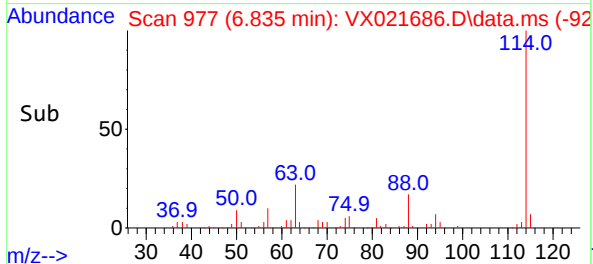
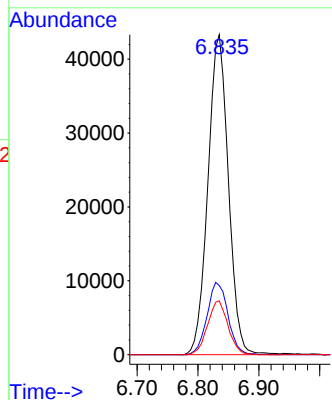
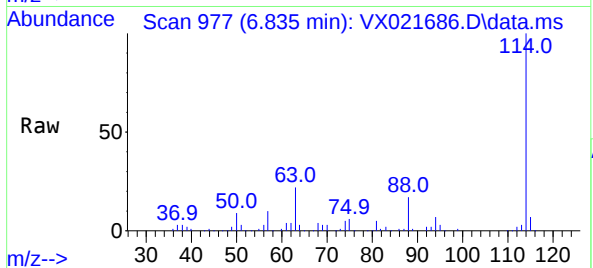




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

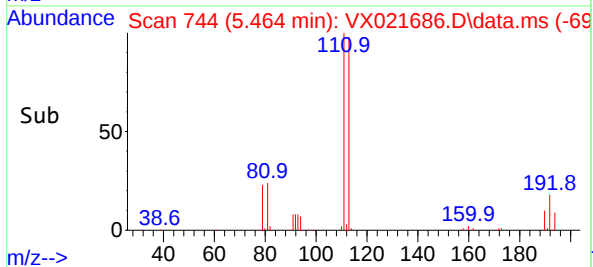
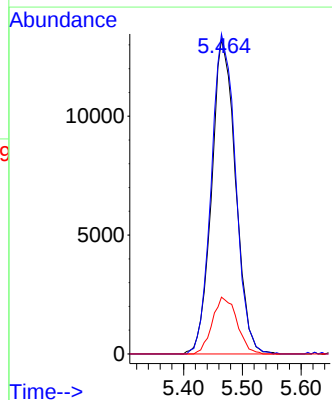
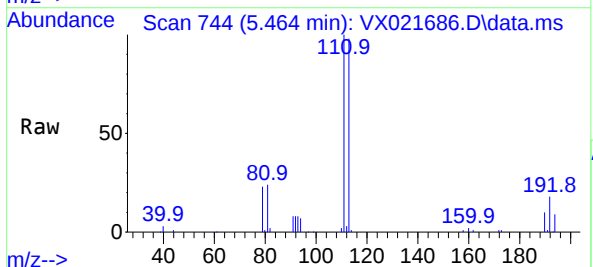
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324

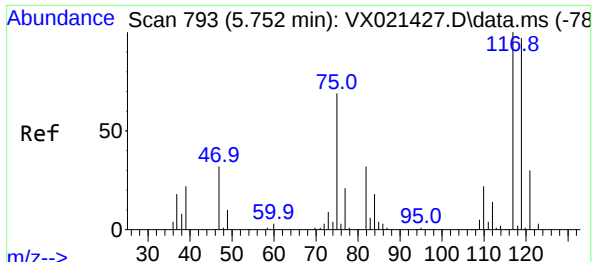
Tgt Ion:114 Resp: 101246
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.05 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

Tgt Ion:113 Resp: 37434
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.5 16.7 25.1

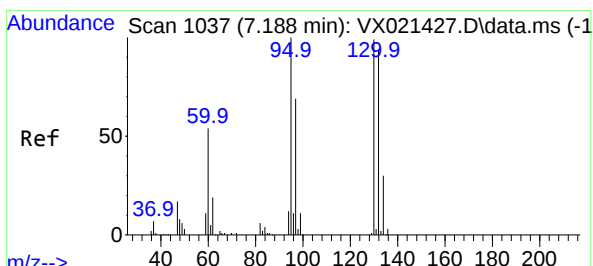
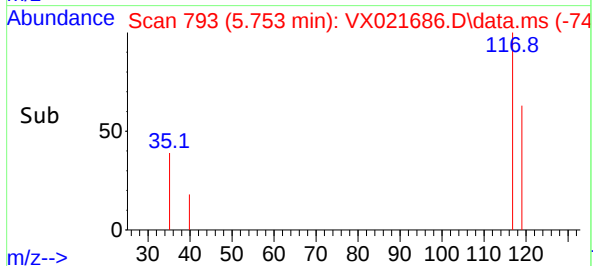
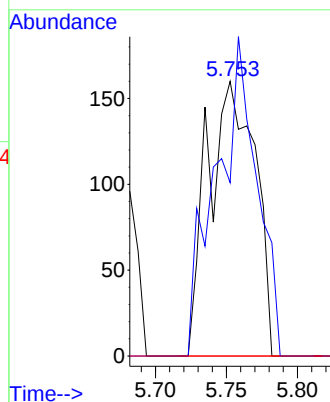
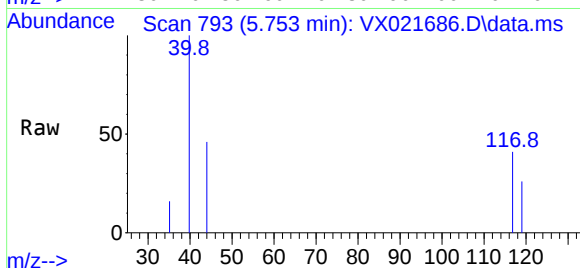




#38
Carbon Tetrachloride
Concen: 0.35 ug/l
RT: 5.753 min Scan# 793
Delta R.T. 0.001 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

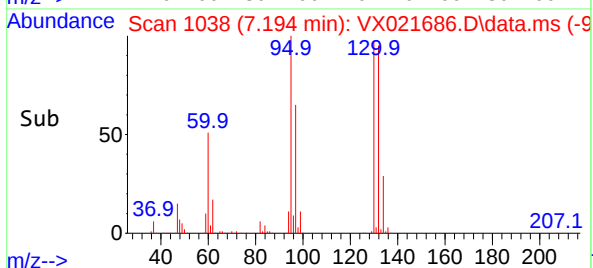
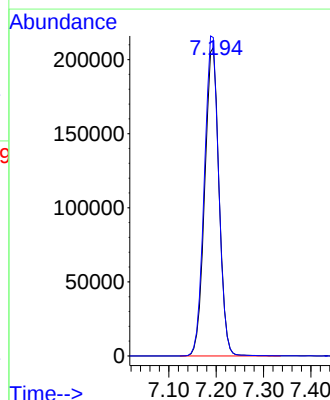
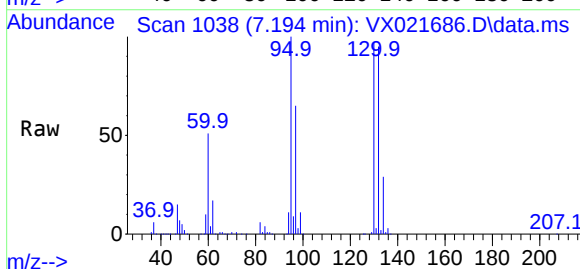
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324

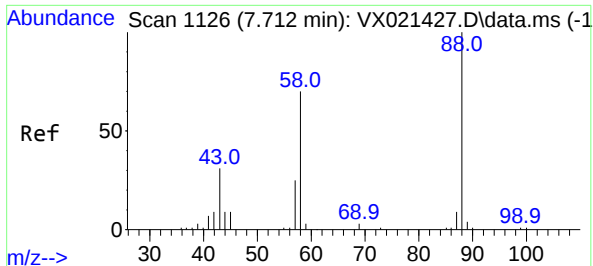
Tgt Ion:117 Resp: 372
Ion Ratio Lower Upper
117 100
119 63.1 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 585.97 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

Tgt Ion:130 Resp: 435604
Ion Ratio Lower Upper
130 100
95 103.3 0.0 198.0





#49

1,4-Dioxane

Concen: 20.74 ug/l

RT: 7.723 min Scan# 1128

Delta R.T. 0.011 min

Lab File: VX021686.D

Acq: 31 Mar 2021 15:35

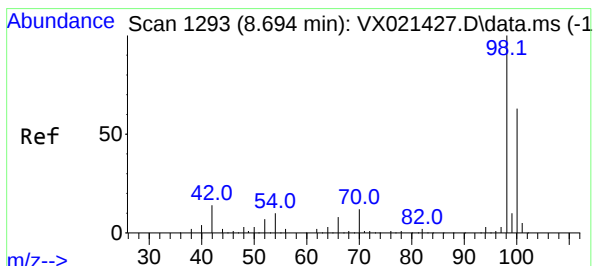
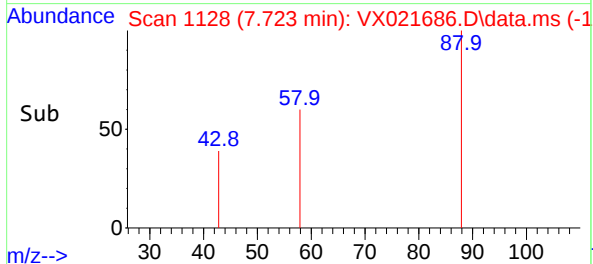
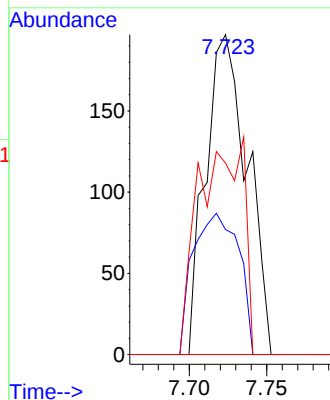
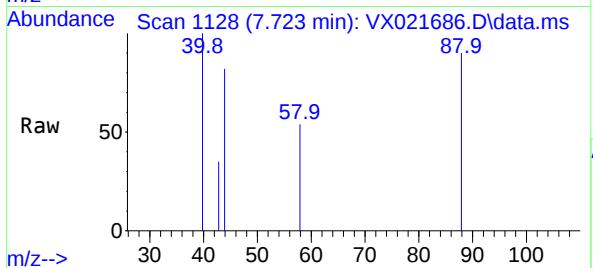
Tgt Ion: 88 Resp: 369

Ion Ratio Lower Upper

88 100

43 48.2 23.2 34.8#

58 72.4 55.0 82.4



#50

Toluene-d8

Concen: 50.15 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021686.D

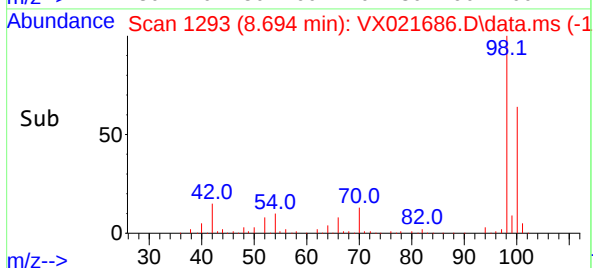
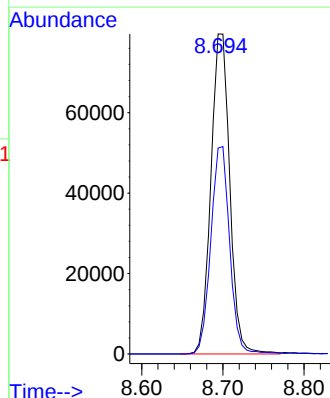
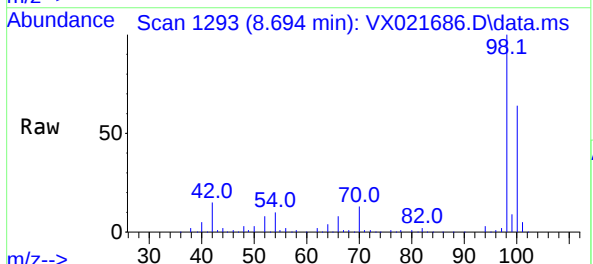
Acq: 31 Mar 2021 15:35

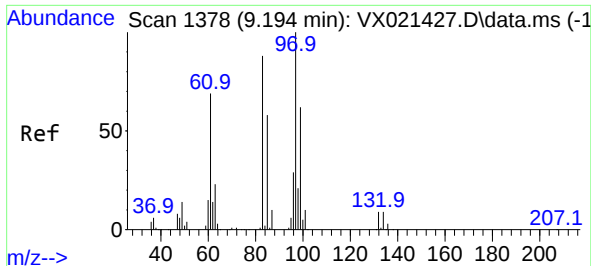
Tgt Ion: 98 Resp: 128532

Ion Ratio Lower Upper

98 100

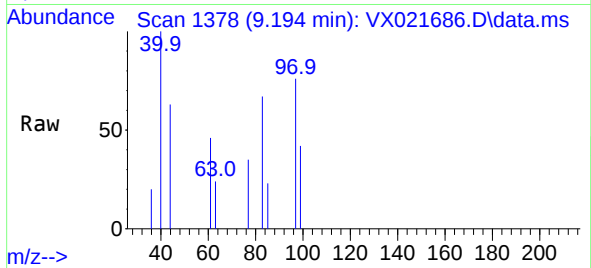
100 64.6 51.9 77.9





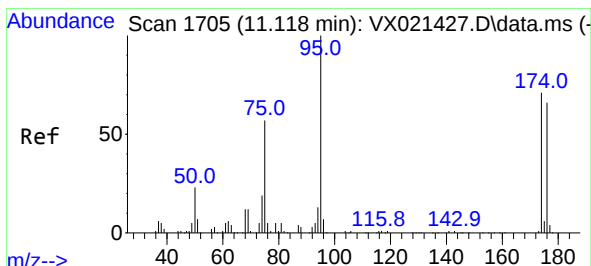
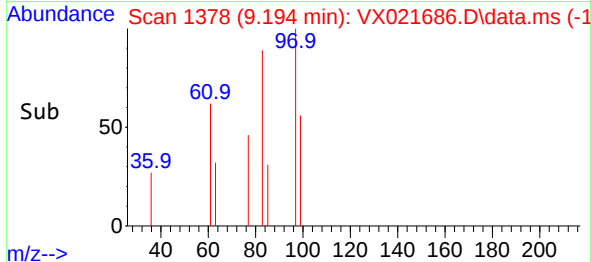
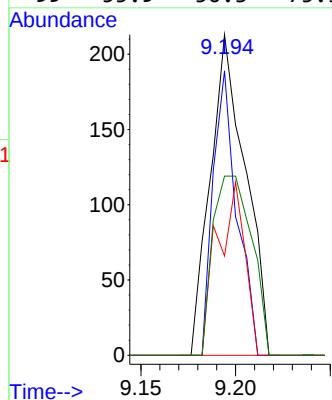
#55
1,1,2-Trichloroethane
Concen: 0.37 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324

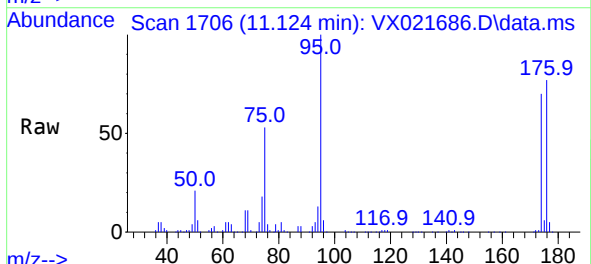


Tgt Ion: 97 Resp: 275

Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.3	103.9
85	31.0	44.3	66.5#
99	55.9	50.3	75.5

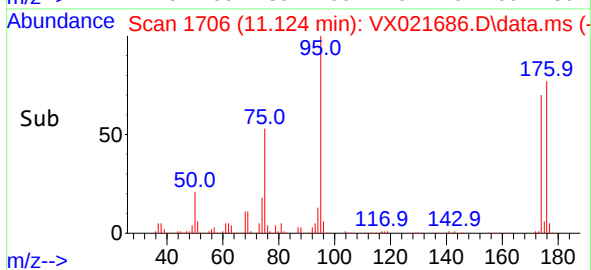
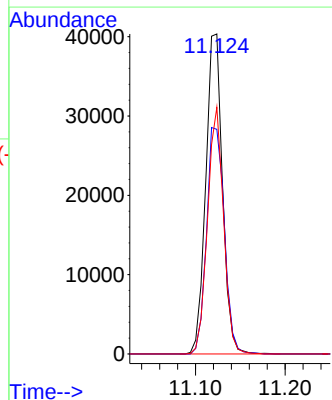


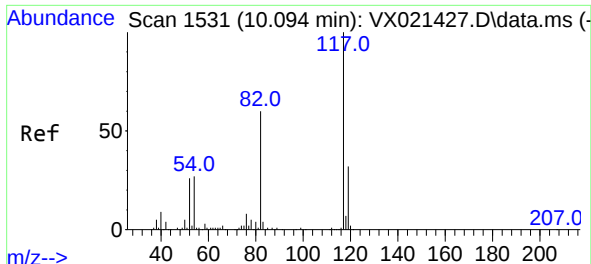
#62
4-Bromofluorobenzene
Concen: 52.61 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35



Tgt Ion: 95 Resp: 52423

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	154.6
176	73.6	0.0	155.8

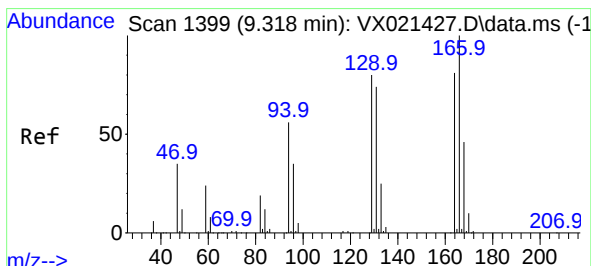
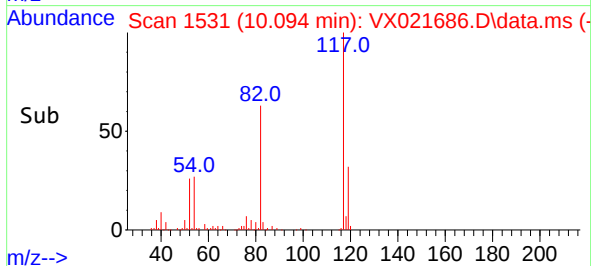
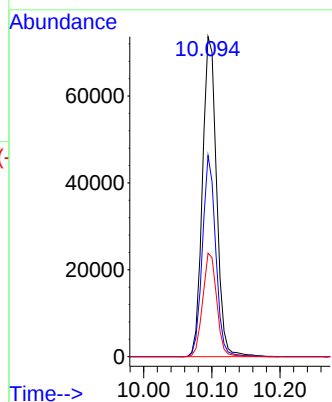
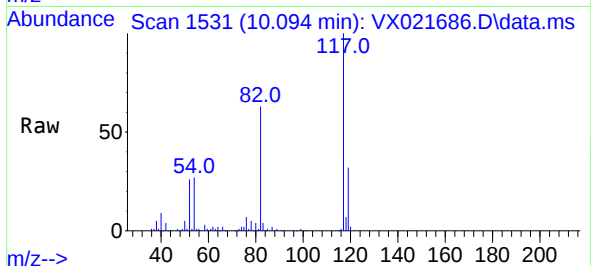




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

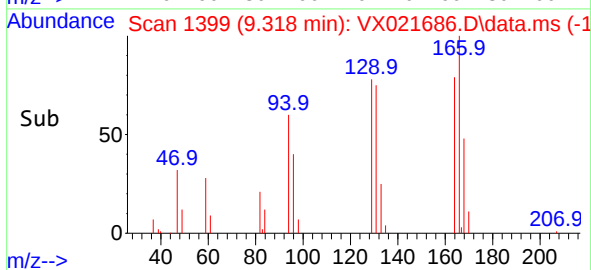
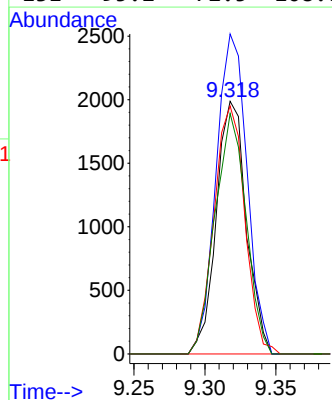
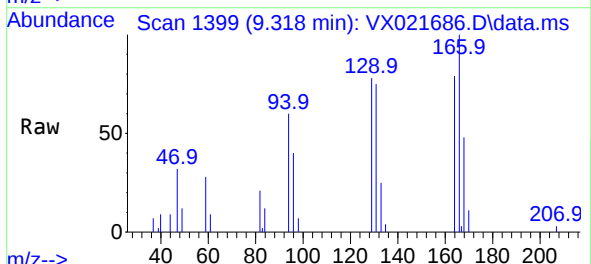
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324

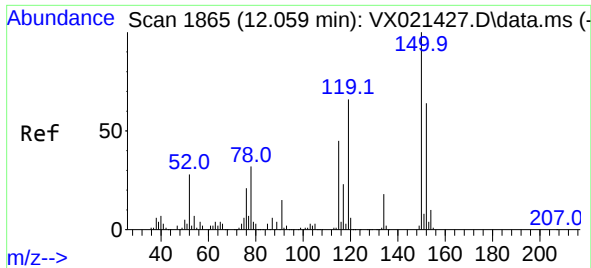
Tgt Ion:	117	Resp:	105929
Ion	Ratio	Lower	Upper
117	100		
82	62.9	47.4	71.2
119	32.3	26.6	39.8



#64
Tetrachloroethene
Concen: 4.12 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

Tgt Ion:	164	Resp:	2926
Ion	Ratio	Lower	Upper
164	100		
166	126.7	103.4	155.2
129	98.2	70.8	106.2
131	95.2	72.5	108.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021686.D
Acq: 31 Mar 2021 15:35

Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324

Tgt Ion:152 Resp: 47568
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 156.1 0.0 349.0

