

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026943.D
 Acq On : 11 Feb 2022 01:12
 Operator : JC/MD
 Sample : N1481-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW7B-GW-20220209

Quant Time: Feb 11 04:07:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

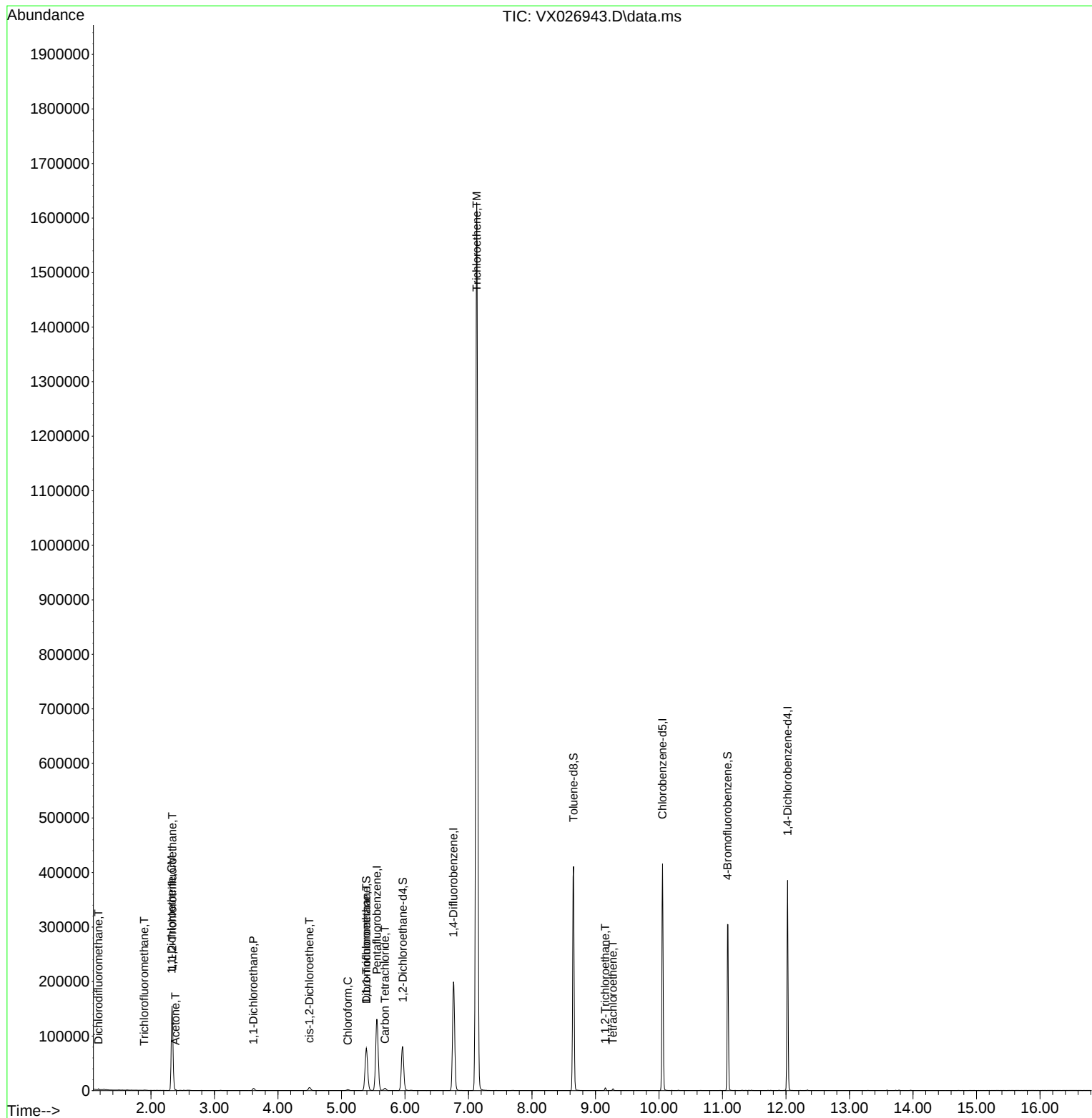
Internal Standards						
1) Pentafluorobenzene	5.556	168	123072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79381	53.732	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.460%	
35) Dibromofluoromethane	5.391	113	64456	52.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	8.653	98	243296	53.947	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	11.079	95	86474	54.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	355	0.265	ug/l	84
7) Trichlorofluoromethane	1.892	101	443	0.231	ug/l #	77
9) 1,1,2-Trichlorotrifluo...	2.337	101	37979	30.212	ug/l	99
12) 1,1-Dichloroethene	2.325	96	25400	20.166	ug/l	97
16) Acetone	2.386	43	1113	1.715	ug/l	96
24) 1,1-Dichloroethane	3.611	63	4958	2.040	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	3764	2.473	ug/l	88
30) Chloroform	5.099	83	2046	0.810	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	3584	1.610	ug/l	97
38) Carbon Tetrachloride	5.684	117	3808	1.874	ug/l	99
44) Trichloroethene	7.129	130	628666	370.648	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	1331	0.983	ug/l	89
64) Tetrachloroethene	9.275	164	645	0.347	ug/l	96

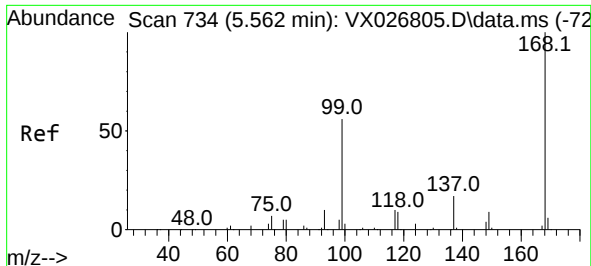
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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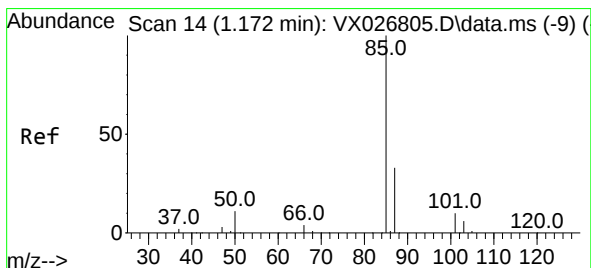
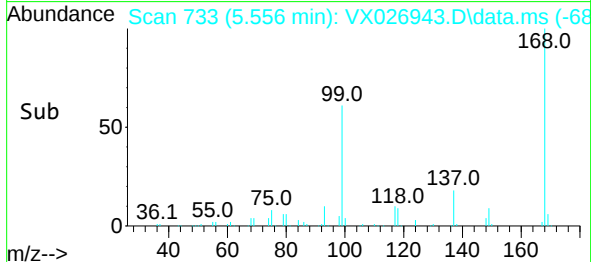
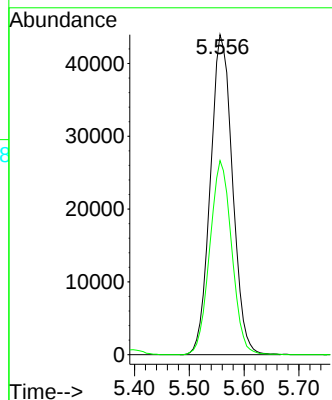
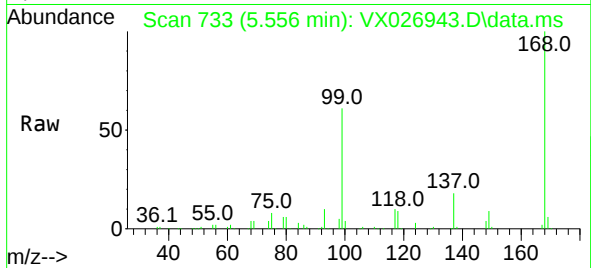




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

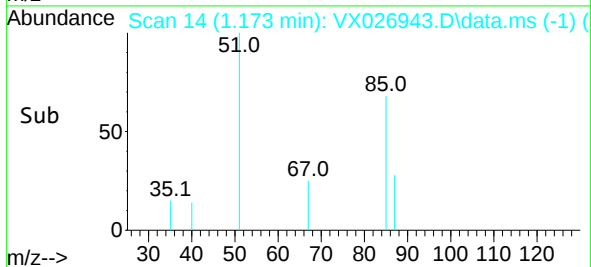
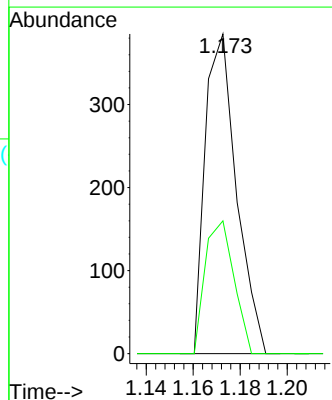
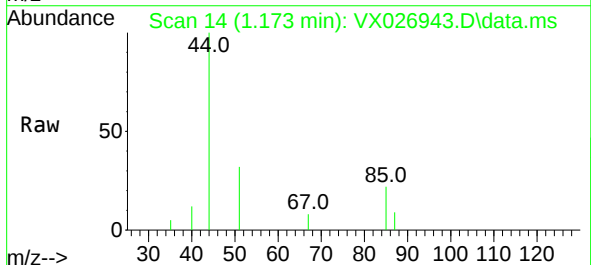
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209

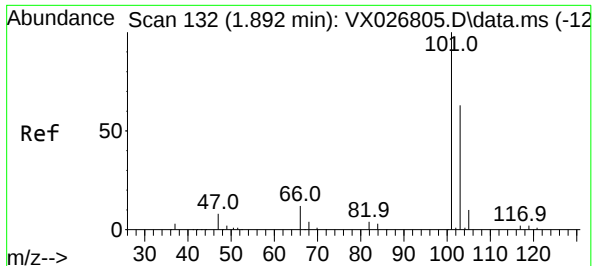
Tgt Ion:168 Resp: 123072
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#2
Dichlorodifluoromethane
Concen: 0.265 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

Tgt Ion: 85 Resp: 355
Ion Ratio Lower Upper
85 100
87 41.6 16.4 49.1

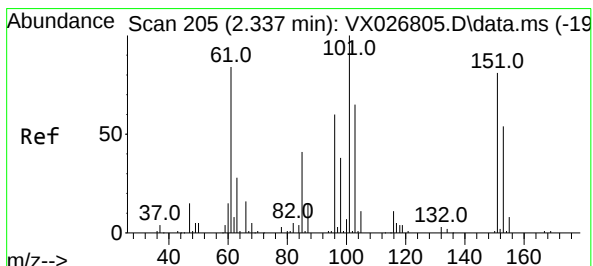
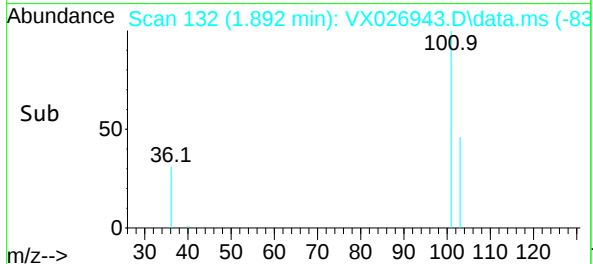
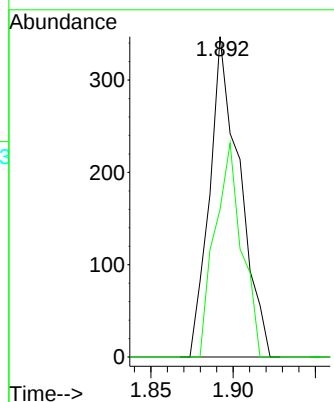
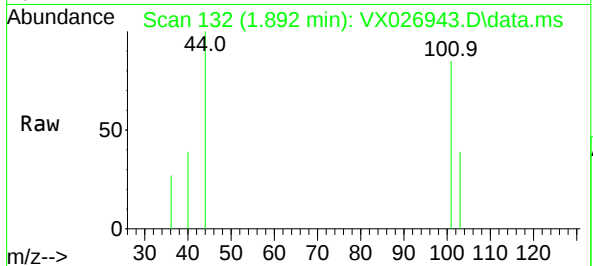




#7
 Trichlorofluoromethane
 Concen: 0.231 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026943.D
 Acq: 11 Feb 2022 01:12

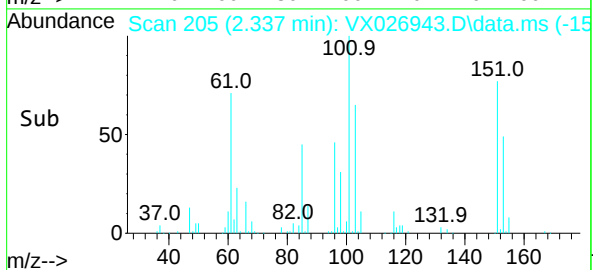
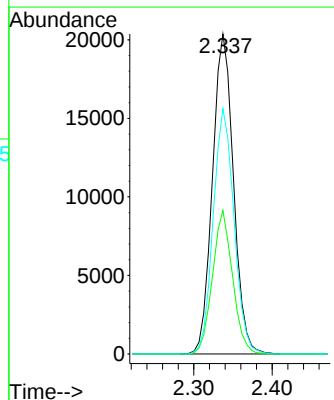
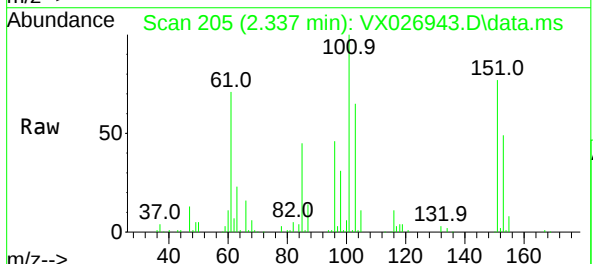
Instrument :
 MSVOA_X
 ClientSampleId :
 RW7B-GW-20220209

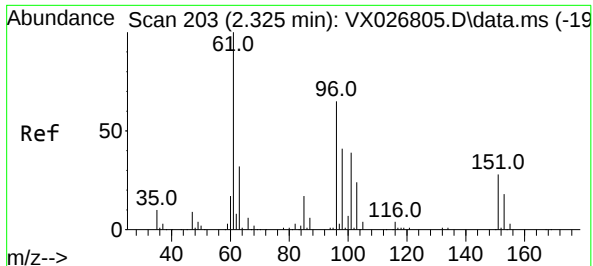
Tgt Ion:101 Resp: 443
 Ion Ratio Lower Upper
 101 100
 103 46.1 51.3 76.9#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 30.212 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX026943.D
 Acq: 11 Feb 2022 01:12

Tgt Ion:101 Resp: 37979
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.3 52.9
 151 76.0 61.4 92.2





#12

1,1-Dichloroethene

Concen: 20.166 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026943.D

Acq: 11 Feb 2022 01:12

Instrument :

MSVOA_X

ClientSampleId :

RW7B-GW-20220209

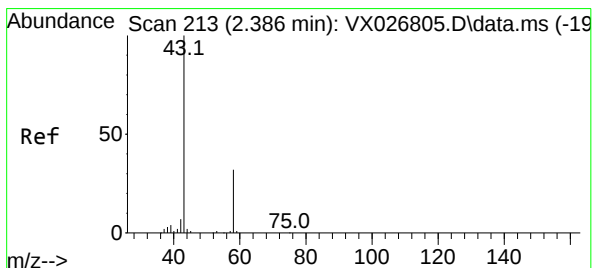
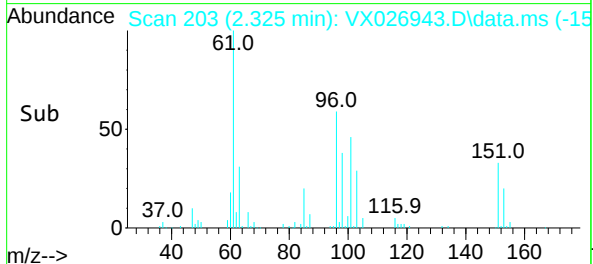
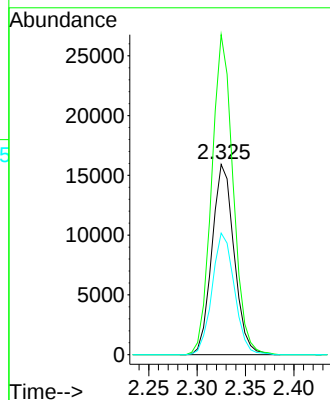
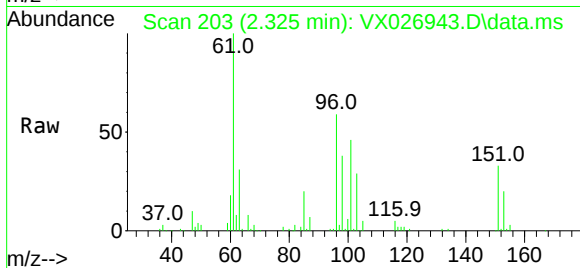
Tgt Ion: 96 Resp: 25400

Ion Ratio Lower Upper

96 100

61 168.2 138.5 207.7

98 63.9 51.8 77.6



#16

Acetone

Concen: 1.715 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026943.D

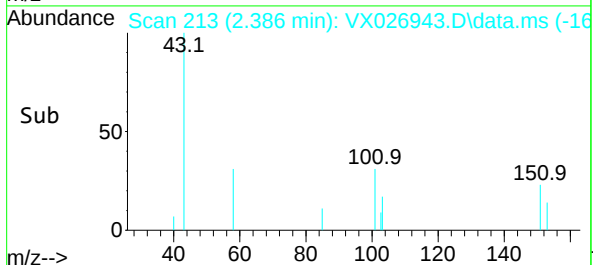
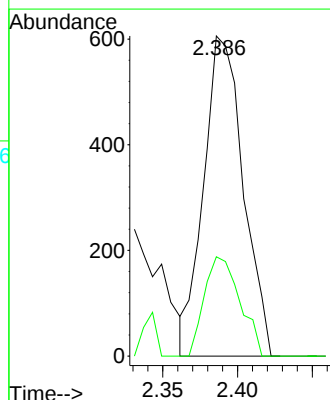
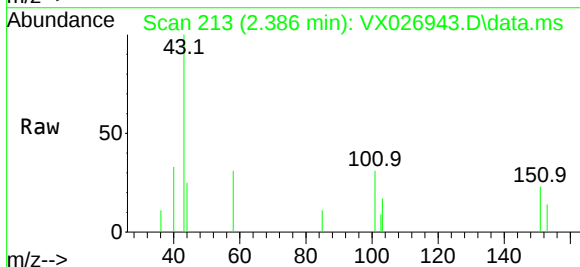
Acq: 11 Feb 2022 01:12

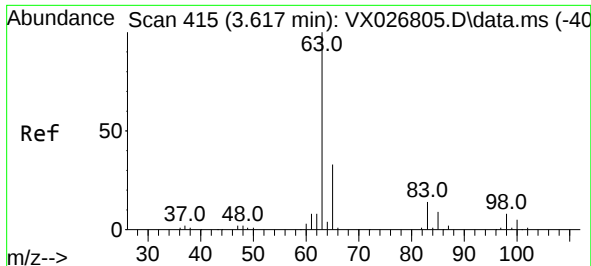
Tgt Ion: 43 Resp: 1113

Ion Ratio Lower Upper

43 100

58 31.0 23.0 34.6

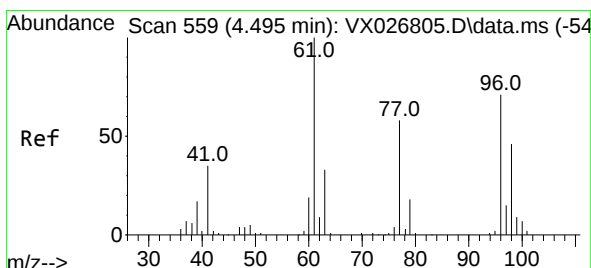
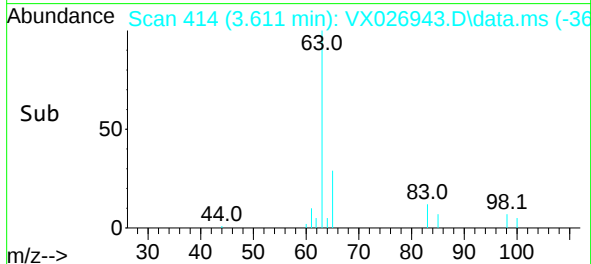
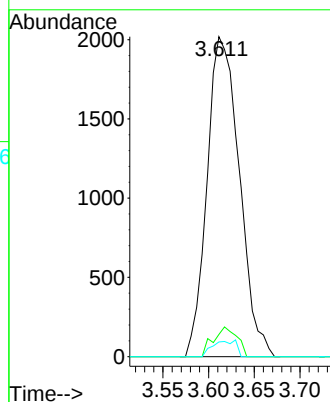
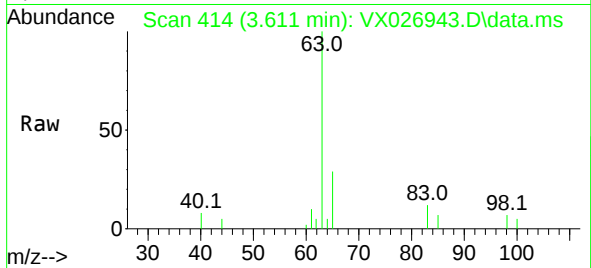




#24
1,1-Dichloroethane
Concen: 2.040 ug/l
RT: 3.611 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

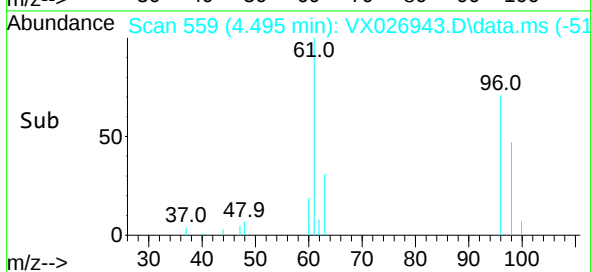
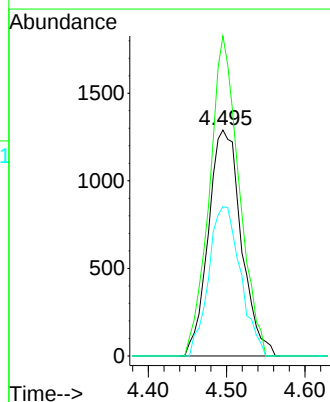
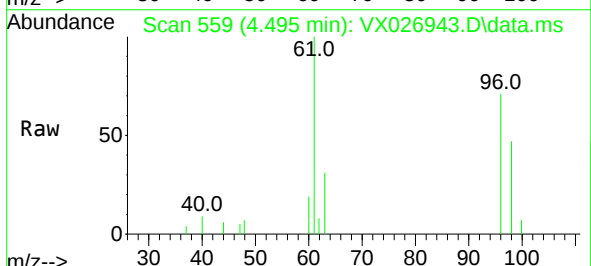
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209

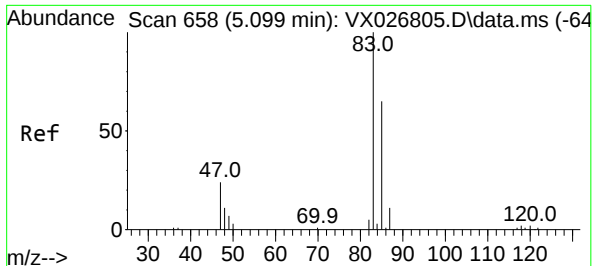
Tgt Ion: 63 Resp: 4958
Ion Ratio Lower Upper
63 100
98 6.9 3.7 11.1
100 4.6 2.4 7.2



#27
cis-1,2-Dichloroethene
Concen: 2.473 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

Tgt Ion: 96 Resp: 3764
Ion Ratio Lower Upper
96 100
61 127.6 0.0 296.6
98 63.8 0.0 128.8





#30

Chloroform

Concen: 0.810 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026943.D

Acq: 11 Feb 2022 01:12

Instrument :

MSVOA_X

ClientSampleId :

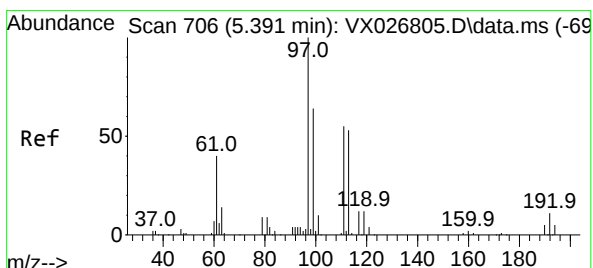
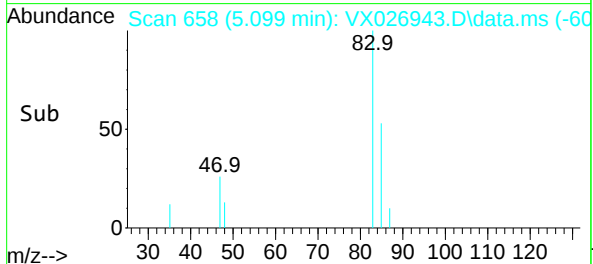
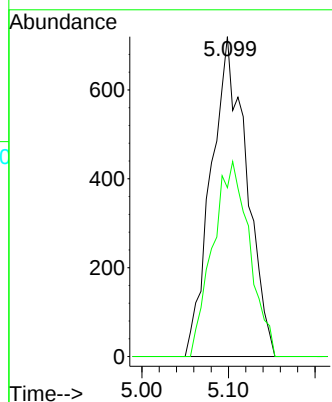
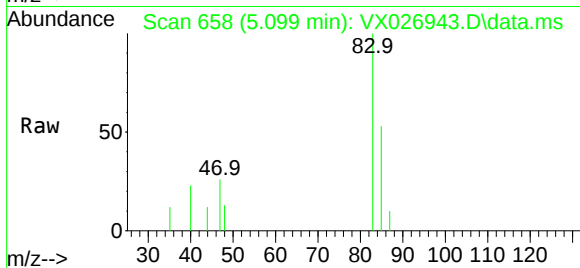
RW7B-GW-20220209

Tgt Ion: 83 Resp: 2046

Ion Ratio Lower Upper

83 100

85 52.8 51.6 77.4



#32

1,1,1-Trichloroethane

Concen: 1.610 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026943.D

Acq: 11 Feb 2022 01:12

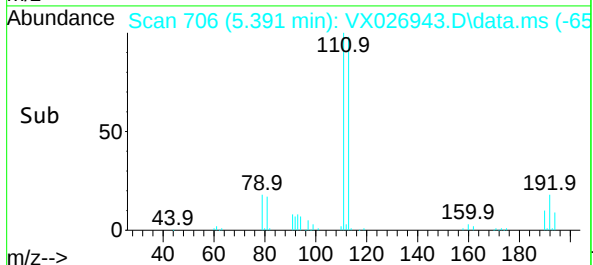
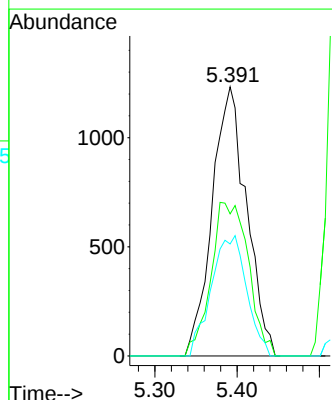
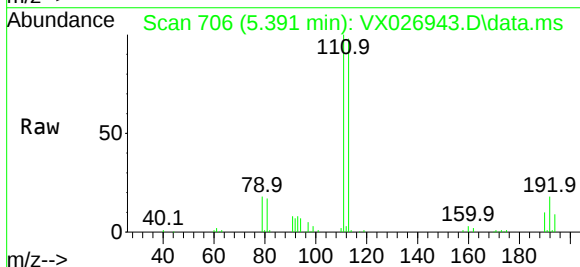
Tgt Ion: 97 Resp: 3584

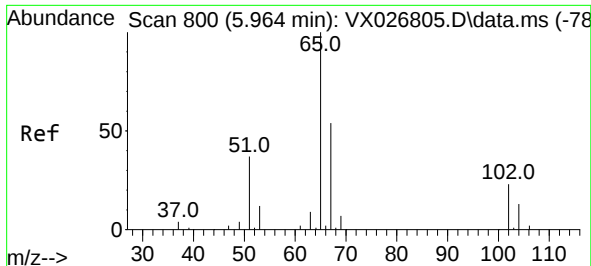
Ion Ratio Lower Upper

97 100

99 62.0 51.3 76.9

61 46.0 35.0 52.6

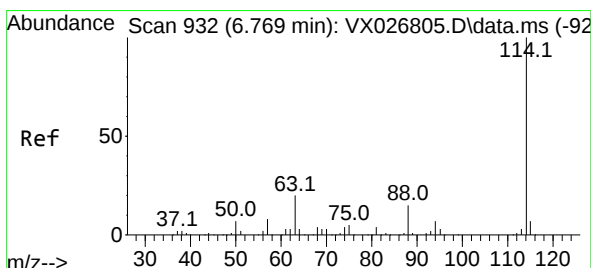
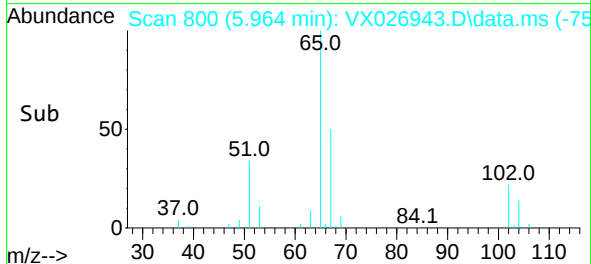
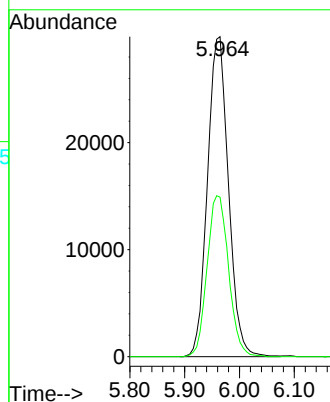
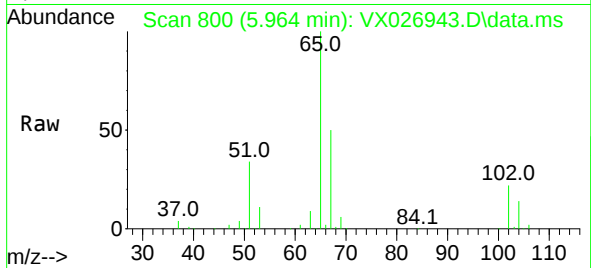




#33
 1,2-Dichloroethane-d4
 Concen: 53.732 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX026943.D
 Acq: 11 Feb 2022 01:12

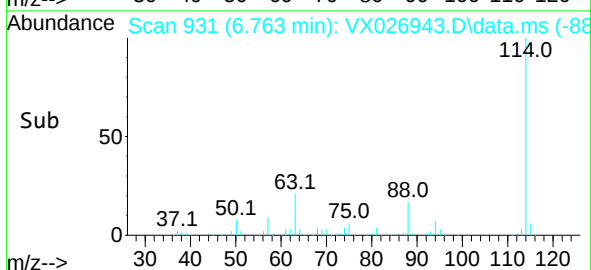
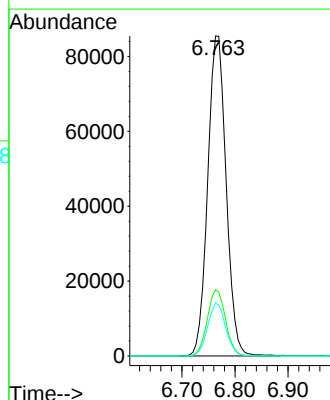
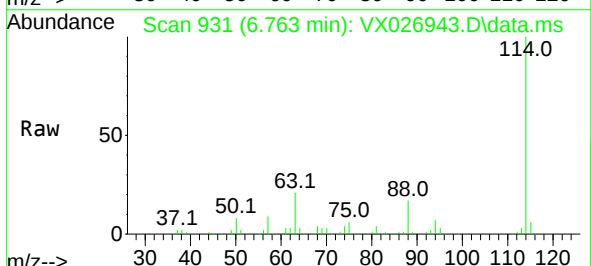
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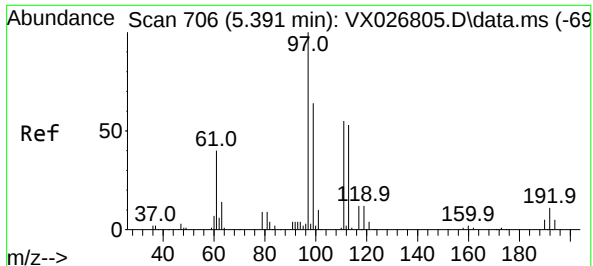
Tgt Ion: 65 Resp: 79381
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026943.D
 Acq: 11 Feb 2022 01:12

Tgt Ion: 114 Resp: 206220
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.462 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026943.D

Acq: 11 Feb 2022 01:12

Instrument :

MSVOA_X

ClientSampleId :

RW7B-GW-20220209

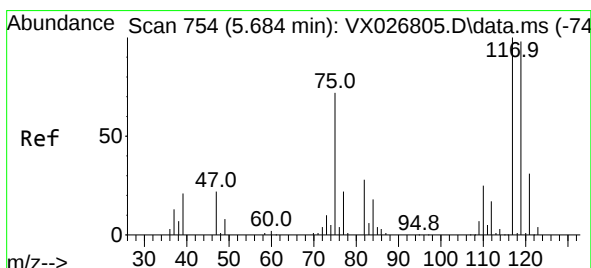
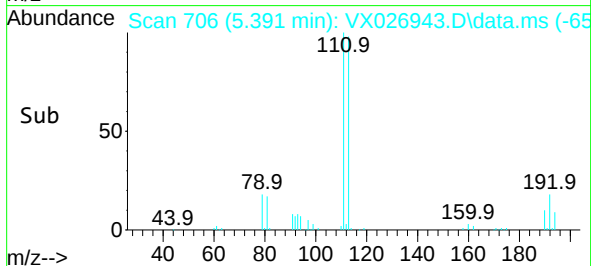
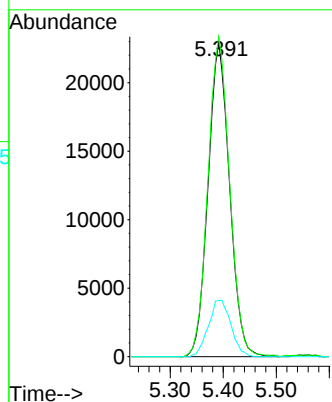
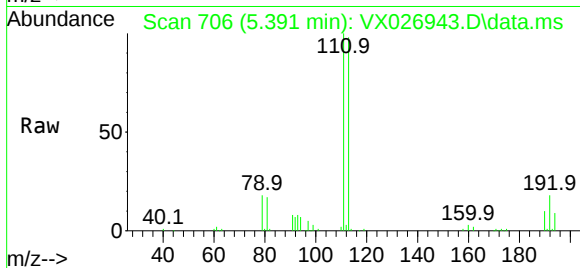
Tgt Ion:113 Resp: 64456

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 18.9 15.0 22.4



#38

Carbon Tetrachloride

Concen: 1.874 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX026943.D

Acq: 11 Feb 2022 01:12

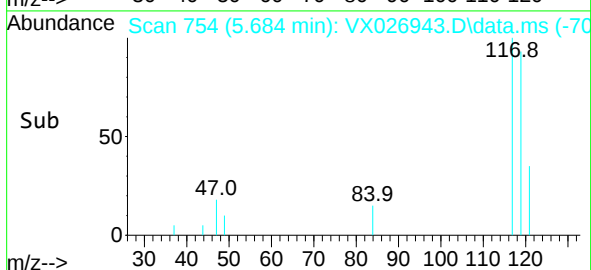
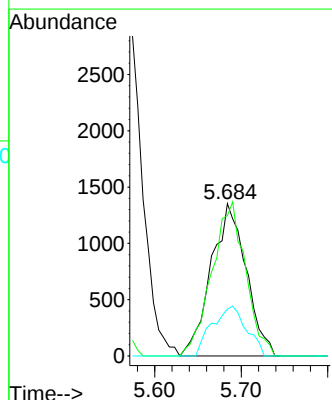
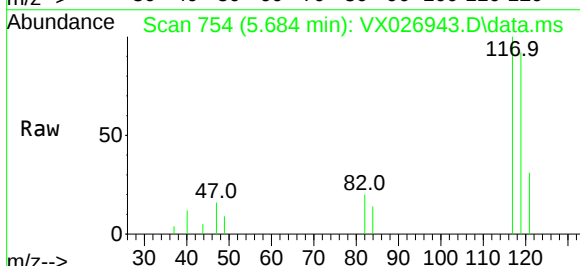
Tgt Ion:117 Resp: 3808

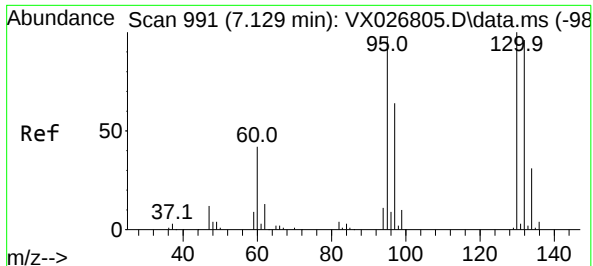
Ion Ratio Lower Upper

117 100

119 92.2 74.7 112.1

121 30.8 25.4 38.0

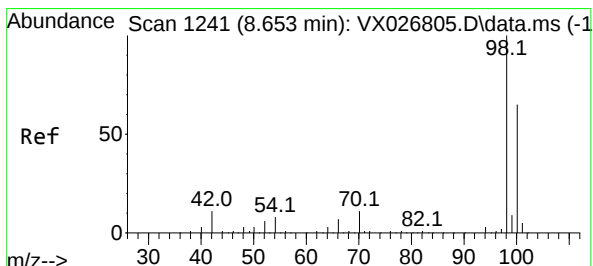
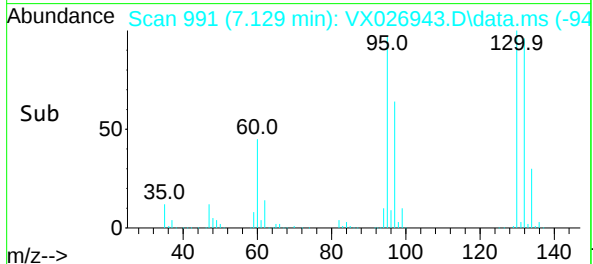
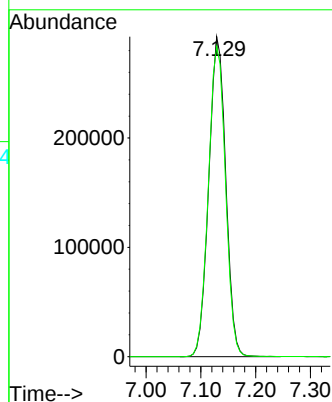
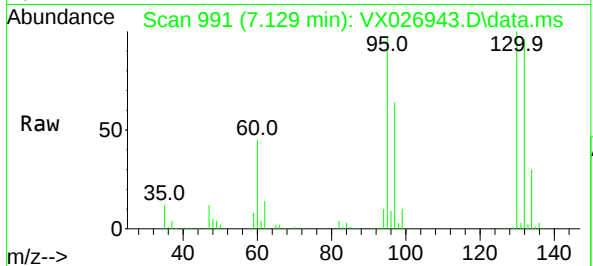




#44
Trichloroethene
Concen: 370.648 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

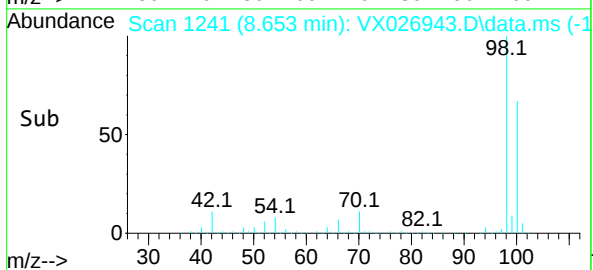
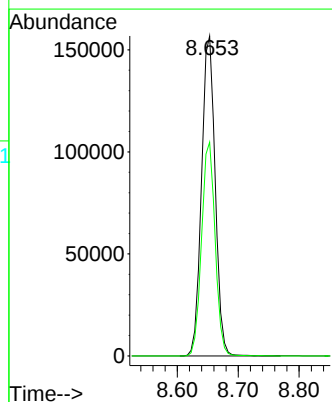
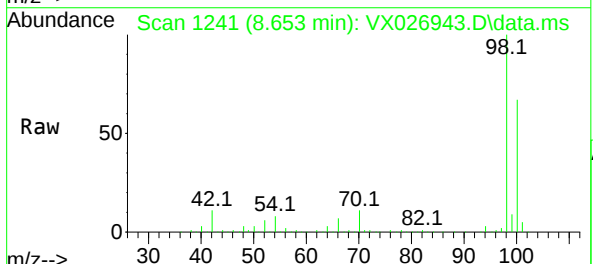
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209

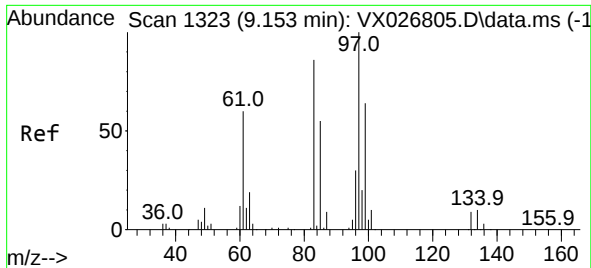
Tgt Ion:130 Resp: 628666
Ion Ratio Lower Upper
130 100
95 97.0 0.0 202.6



#50
Toluene-d8
Concen: 53.947 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

Tgt Ion: 98 Resp: 243296
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

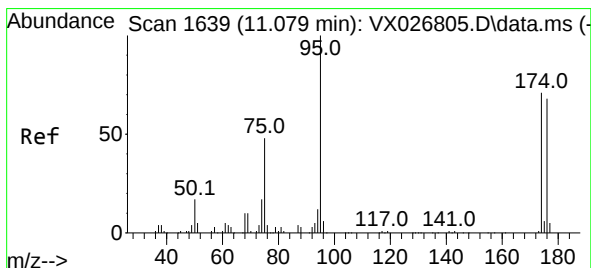
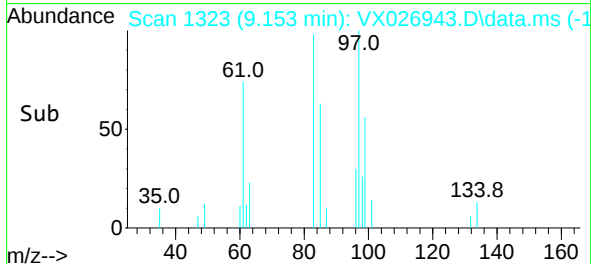
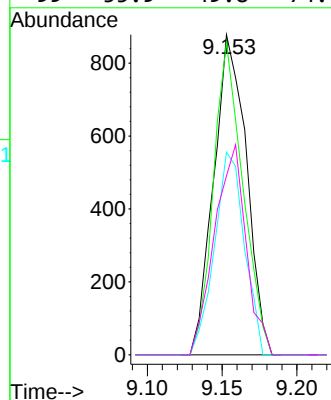
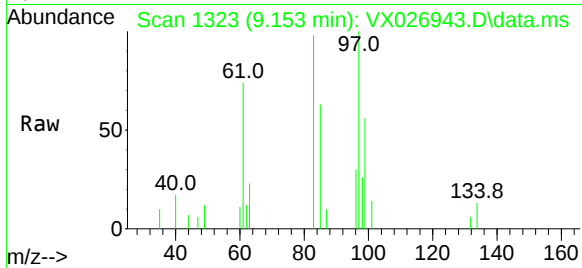




#55
 1,1,2-Trichloroethane
 Concen: 0.983 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX026943.D
 Acq: 11 Feb 2022 01:12

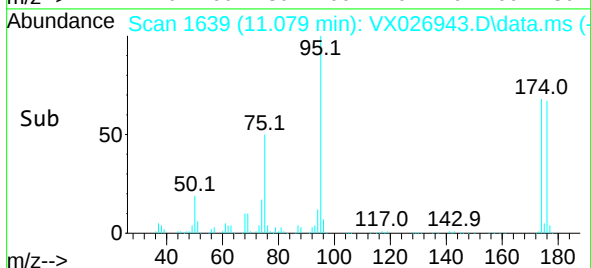
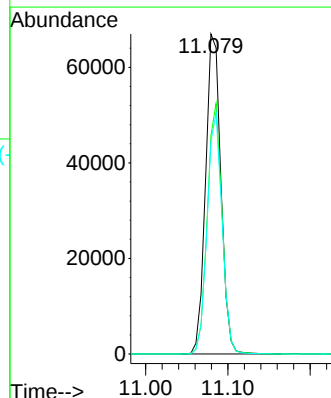
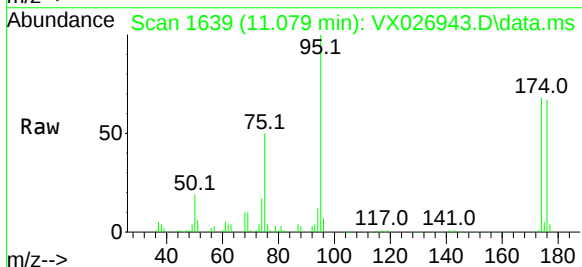
Instrument :
 MSVOA_X
 ClientSampleId :
 RW7B-GW-20220209

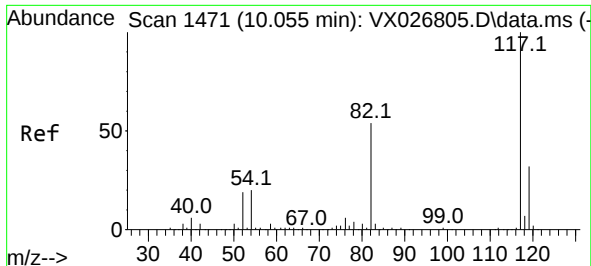
Tgt Ion: 97	Resp:	1331	
Ion	Ratio	Lower	Upper
97	100		
83	97.6	68.4	102.6
85	63.3	44.0	66.0
99	55.9	49.8	74.6



#62
 4-Bromofluorobenzene
 Concen: 54.462 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX026943.D
 Acq: 11 Feb 2022 01:12

Tgt Ion: 95	Resp:	86474	
Ion Ratio	Lower	Upper	
95 100			
174	75.9	0.0	148.6
176	73.4	0.0	141.4

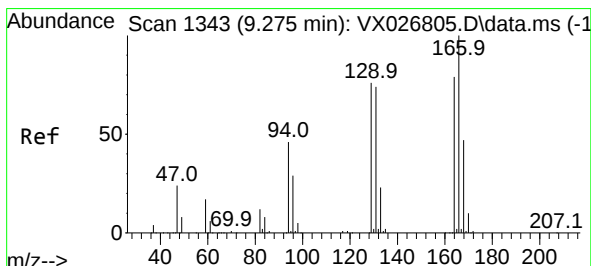
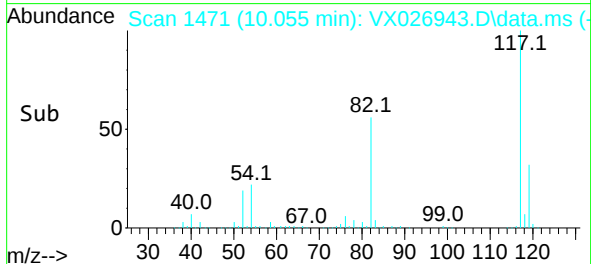
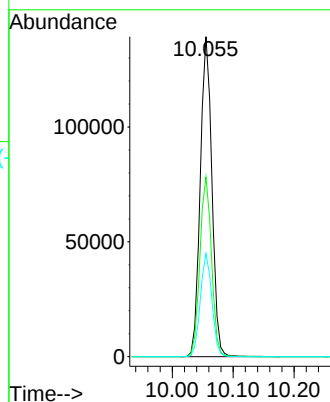
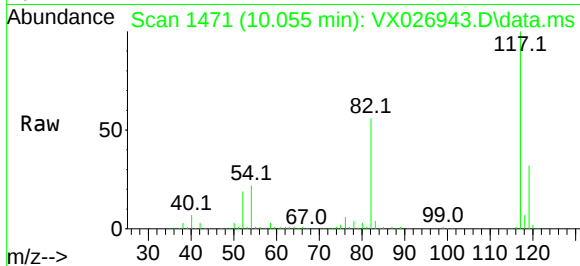




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

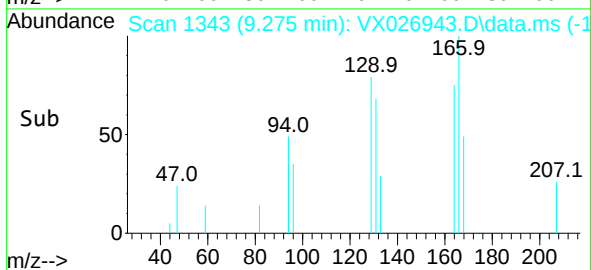
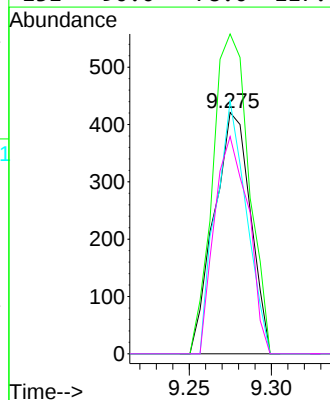
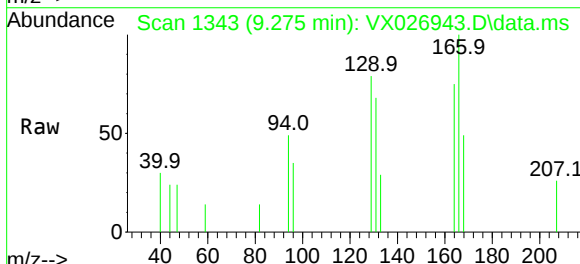
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209

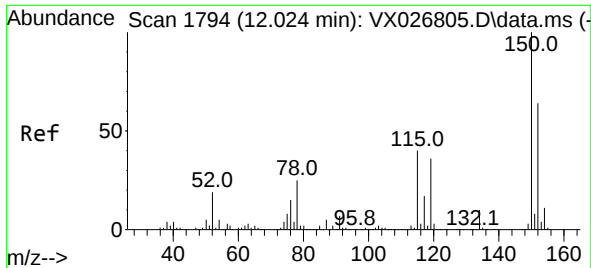
Tgt Ion:117 Resp: 185021
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 0.347 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026943.D
Acq: 11 Feb 2022 01:12

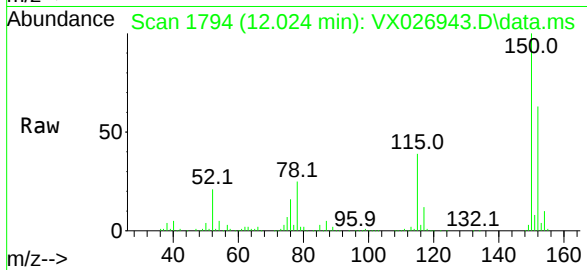
Tgt Ion:164 Resp: 645
Ion Ratio Lower Upper
164 100
166 132.5 101.8 152.6
129 104.8 83.3 124.9
131 90.0 78.0 117.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026943.D
 Acq: 11 Feb 2022 01:12

Instrument :
 MSVOA_X
 ClientSampleId :
 RW7B-GW-20220209



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.2	132.6
150	159.1	0.0	348.2

