

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
 Data File : VX026402.D
 Acq On : 10 Jan 2022 15:07
 Operator : JC/MD
 Sample : N1073-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-RW7B-IDWGW-20220106

Quant Time: Jan 10 16:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

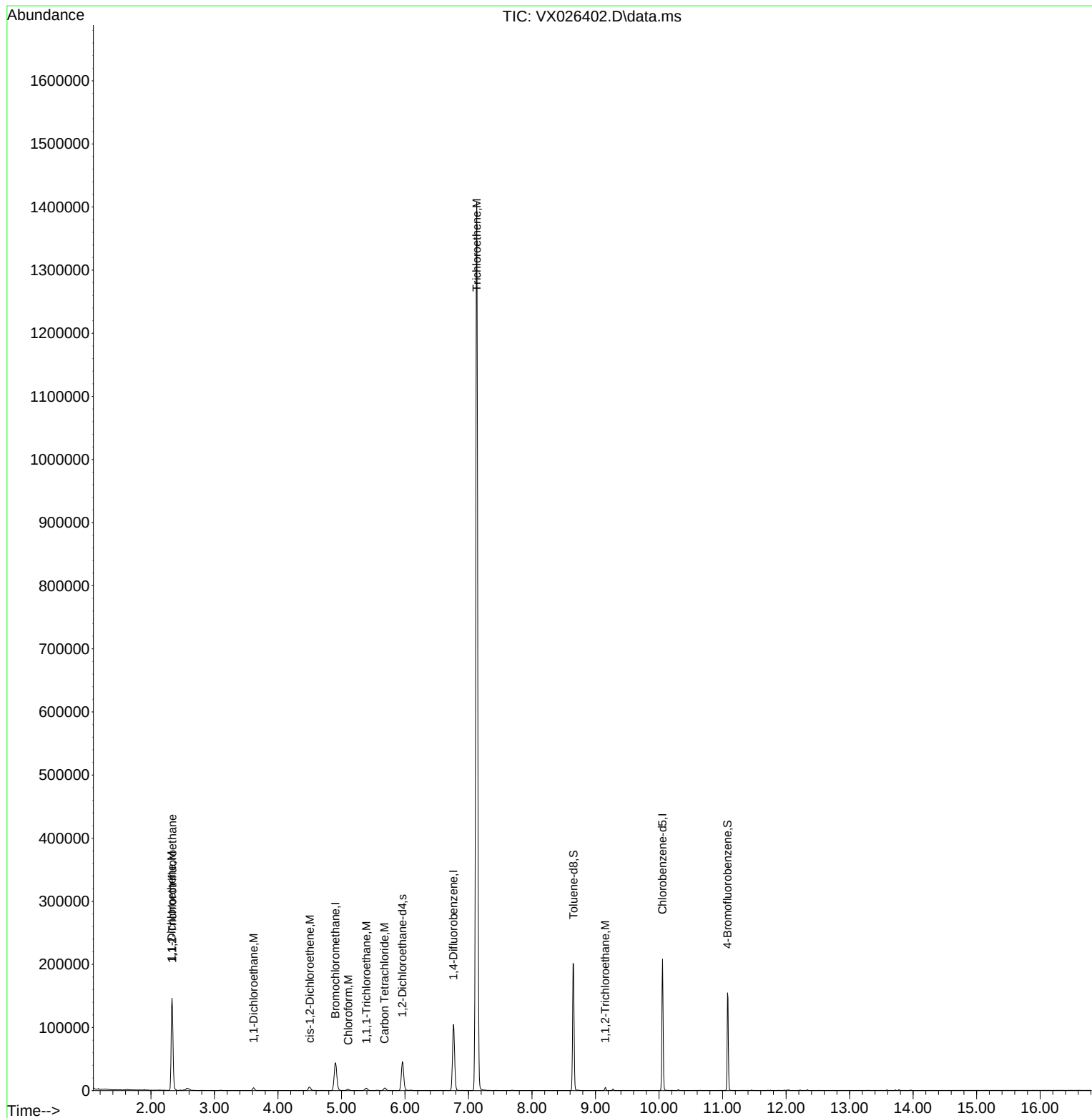
Internal Standards						
1) Bromochloromethane	4.904	128	18352	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	104225	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	91065	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45598	30.899	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.000%
60) 4-Bromofluorobenzene	11.079	95	42782	28.150	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.833%
63) Toluene-d8	8.653	98	121232	28.979	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.600%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	36171	34.252	ug/l	98
10) 1,1-Dichloroethene	2.325	96	23997	24.325	ug/l	98
21) 1,1-Dichloroethane	3.617	63	5040	2.481	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	3688	2.973	ug/l	84
25) Chloroform	5.105	83	2412	1.146	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	3524	1.798	ug/l	96
33) Carbon Tetrachloride	5.678	117	3702	2.132	ug/l	89
37) Trichloroethene	7.129	130	529764	410.965	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	1343	1.218	ug/l	91

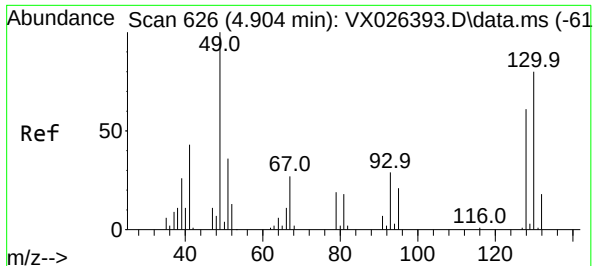
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
Data File : VX026402.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-RW7B-IDWGW-20220106

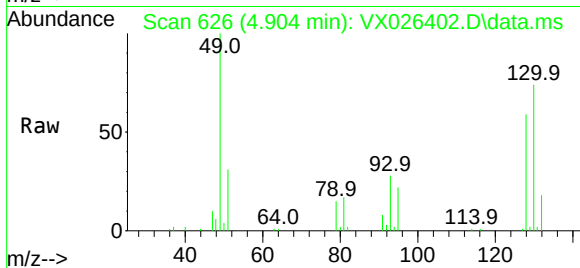
Quant Time: Jan 10 16:09:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration



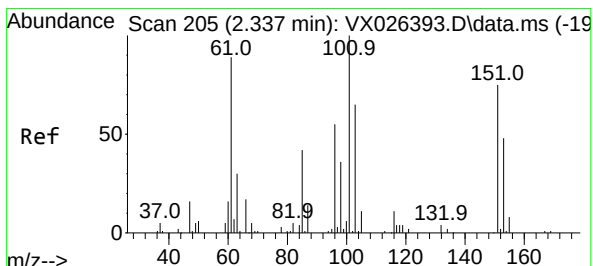
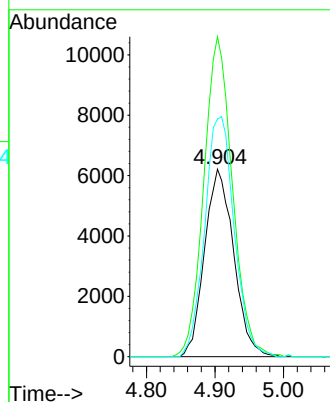
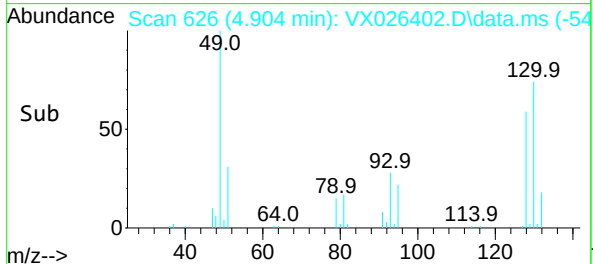


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

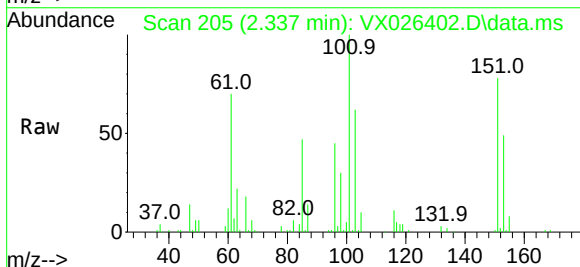
Instrument :
MSVOA_X
ClientSampleId :
TT-RW7B-IDWGW-20220106



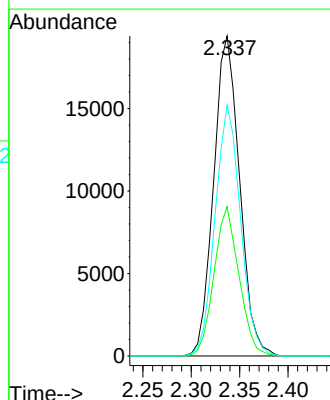
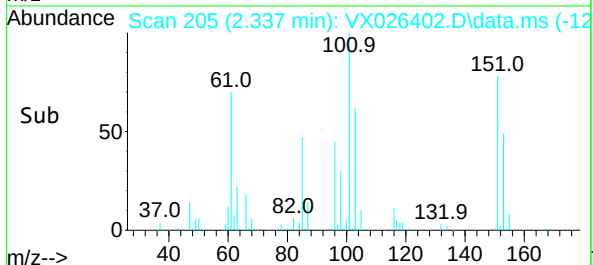
Tgt Ion:128 Resp: 18352
Ion Ratio Lower Upper
128 100
49 167.0 0.0 413.5
130 130.1 0.0 326.0

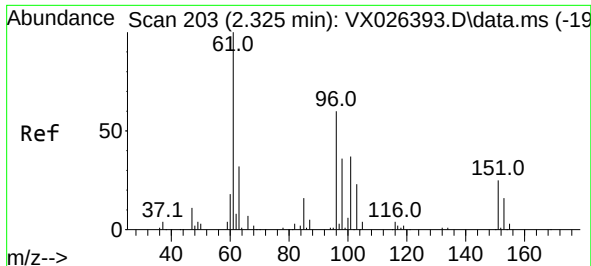


#9
1,1,2-Trichlorotrifluoroethane
Concen: 34.252 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07



Tgt Ion:101 Resp: 36171
Ion Ratio Lower Upper
101 100
85 44.9 0.0 87.6
151 77.1 0.0 151.2

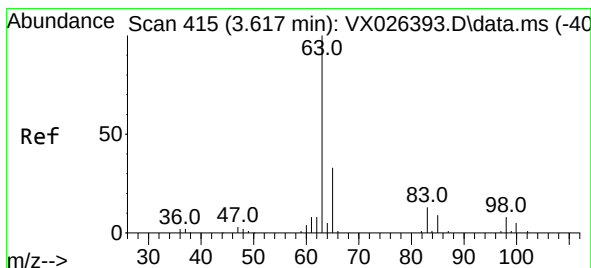
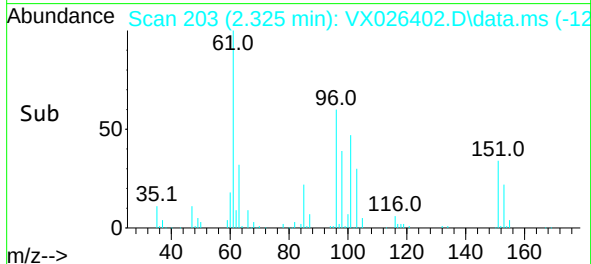
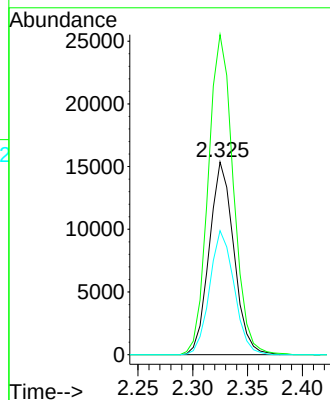
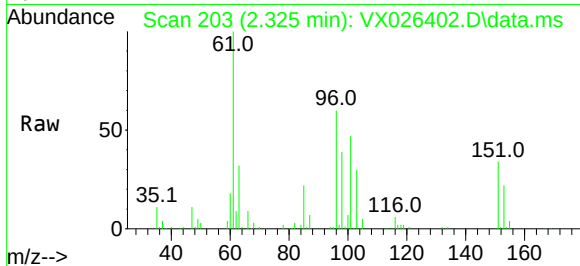




#10
1,1-Dichloroethene
Concen: 24.325 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

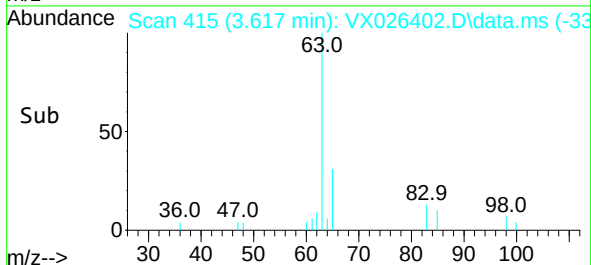
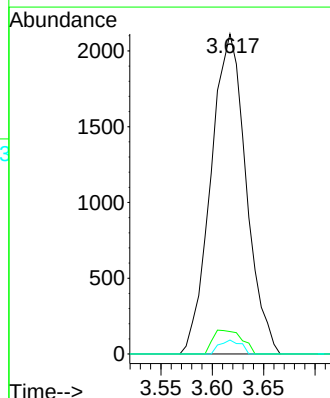
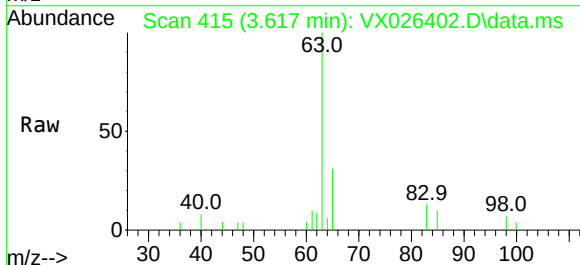
Instrument :
MSVOA_X
ClientSampleId :
TT-RW7B-IDWGW-20220106

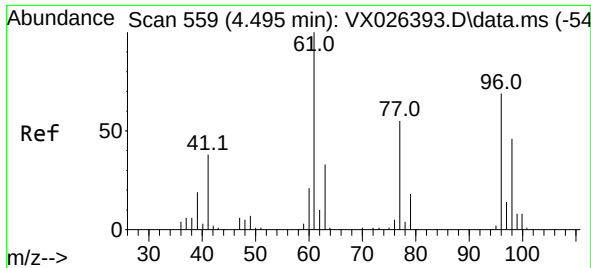
Tgt Ion: 96 Resp: 23997
Ion Ratio Lower Upper
96 100
61 166.1 134.1 201.1
98 64.3 47.9 71.9



#21
1,1-Dichloroethane
Concen: 2.481 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

Tgt Ion: 63 Resp: 5040
Ion Ratio Lower Upper
63 100
98 7.0 3.8 11.2
100 4.4 2.4 7.1





#22

cis-1,2-Dichloroethene

Concen: 2.973 ug/l

RT: 4.501 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX026402.D

Acq: 10 Jan 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

TT-RW7B-IDWGW-20220106

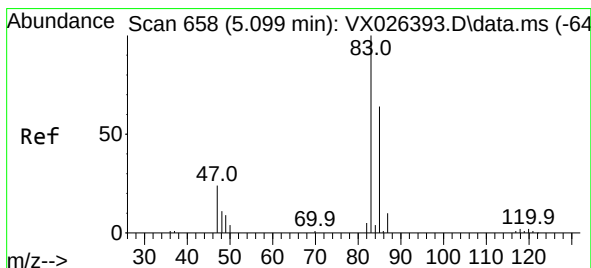
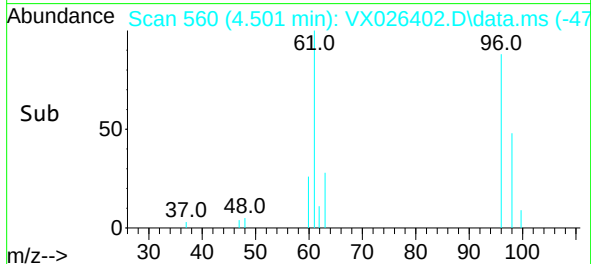
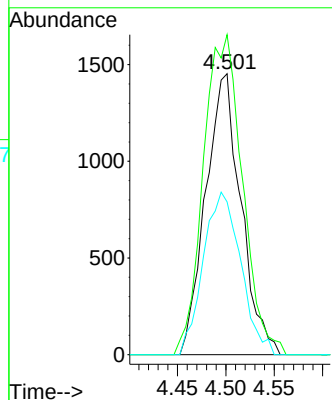
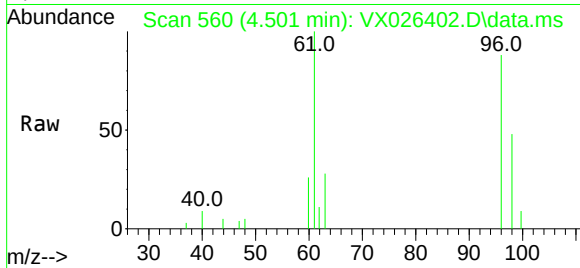
Tgt Ion: 96 Resp: 3688

Ion Ratio Lower Upper

96 100

61 125.8 121.8 182.6

98 61.3 52.6 78.8



#25

Chloroform

Concen: 1.146 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX026402.D

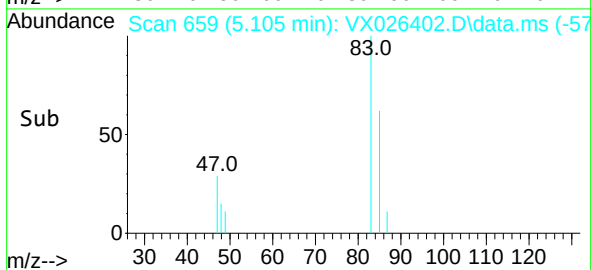
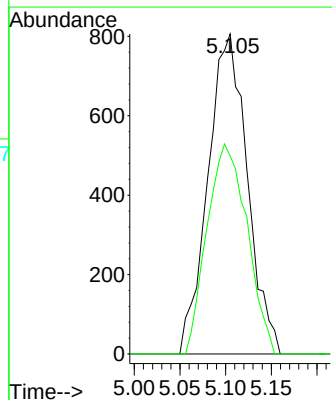
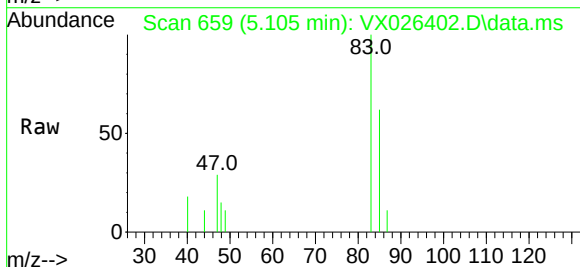
Acq: 10 Jan 2022 15:07

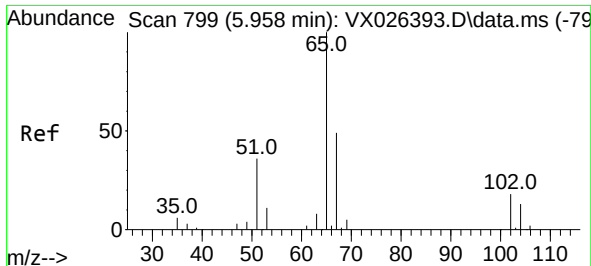
Tgt Ion: 83 Resp: 2412

Ion Ratio Lower Upper

83 100

85 61.9 50.8 76.2

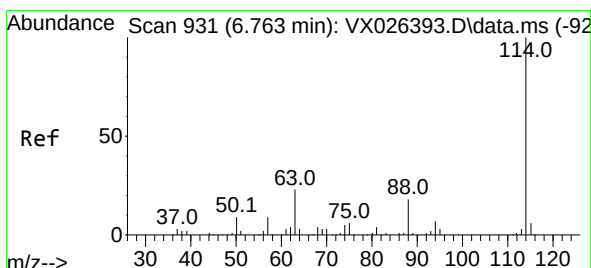
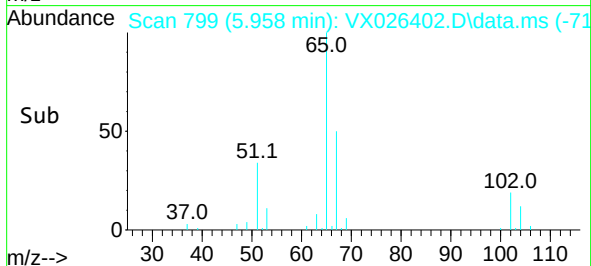
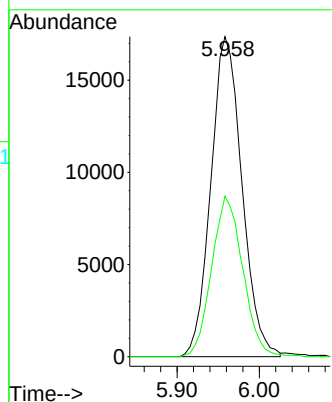
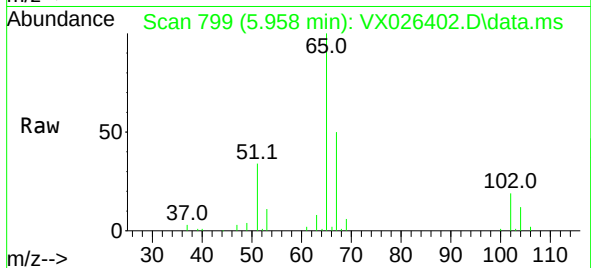




#27
 1,2-Dichloroethane-d4
 Concen: 30.899 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026402.D
 Acq: 10 Jan 2022 15:07

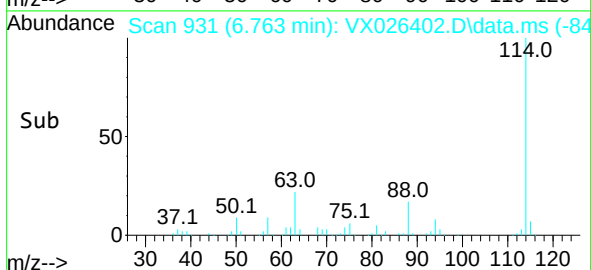
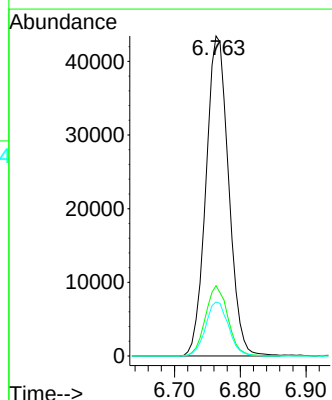
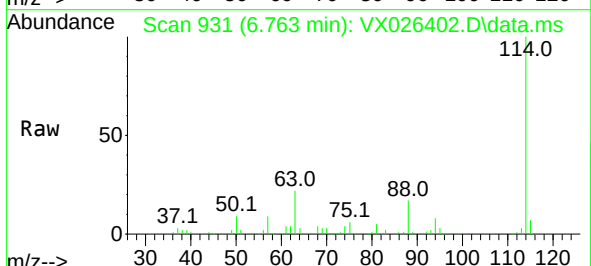
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-RW7B-IDWGW-20220106

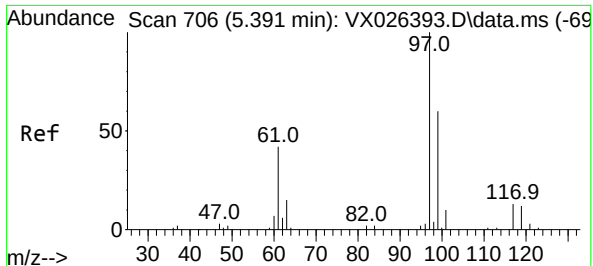
Tgt Ion: 65 Resp: 45598
 Ion Ratio Lower Upper
 65 100
 67 50.0 39.6 59.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026402.D
 Acq: 10 Jan 2022 15:07

Tgt Ion: 114 Resp: 104225
 Ion Ratio Lower Upper
 114 100
 63 21.7 17.4 26.2
 88 17.0 13.5 20.3

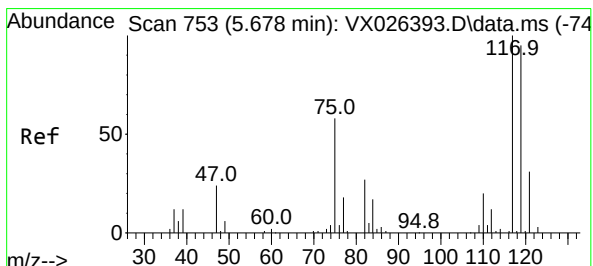
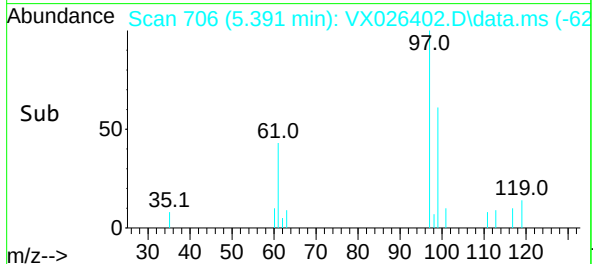
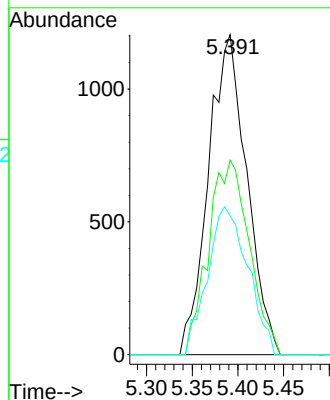
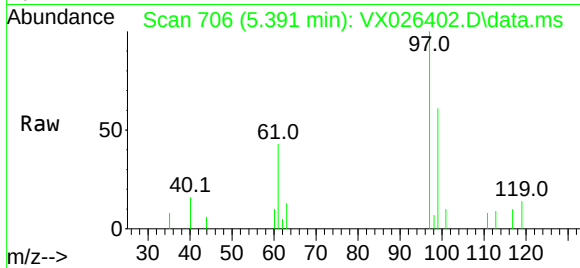




#32
1,1,1-Trichloroethane
Concen: 1.798 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

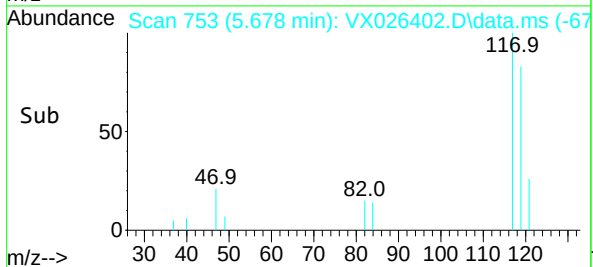
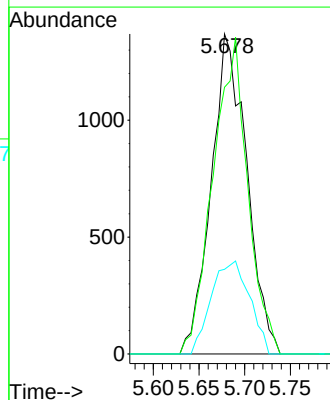
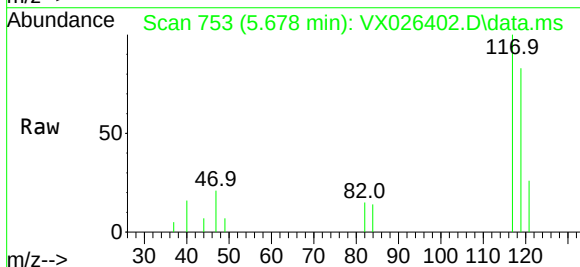
Instrument :
MSVOA_X
ClientSampleId :
TT-RW7B-IDWGW-20220106

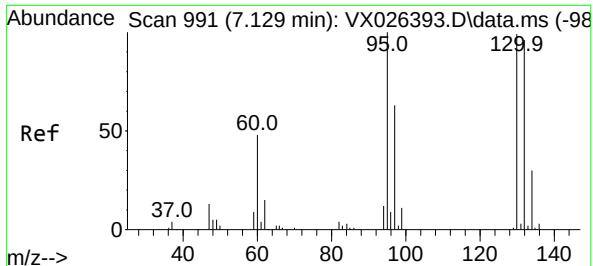
Tgt Ion: 97	Resp:	3524	
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.9	76.3
61	48.6	34.9	52.3



#33
Carbon Tetrachloride
Concen: 2.132 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

Tgt Ion:117	Resp:	3702	
Ion	Ratio	Lower	Upper
117	100		
119	83.3	75.9	113.9
121	26.4	25.2	37.8





#37

Trichloroethene

Concen: 410.965 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX026402.D

Acq: 10 Jan 2022 15:07

Instrument :

MSVOA_X

ClientSampleId :

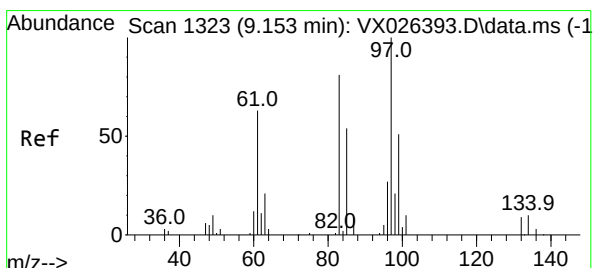
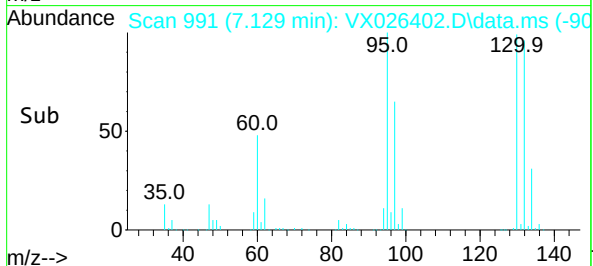
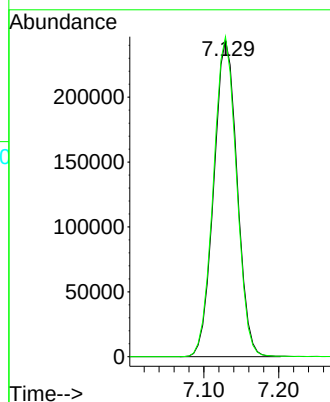
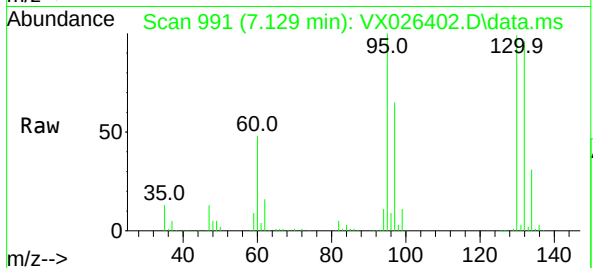
TT-RW7B-IDWGW-20220106

Tgt Ion:130 Resp: 529764

Ion Ratio Lower Upper

130 100

95 100.9 81.0 121.4



#50

1,1,2-Trichloroethane

Concen: 1.218 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX026402.D

Acq: 10 Jan 2022 15:07

Tgt Ion: 97 Resp: 1343

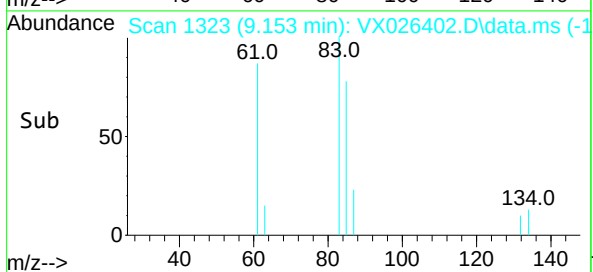
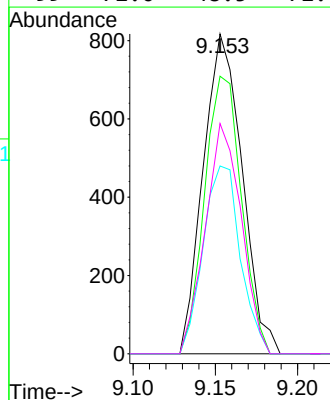
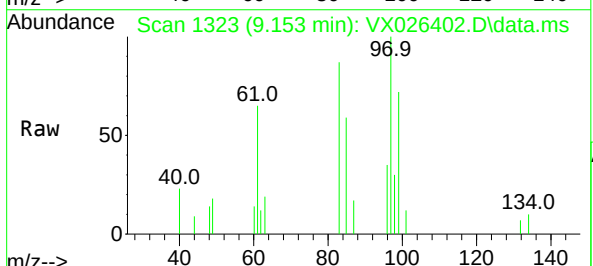
Ion Ratio Lower Upper

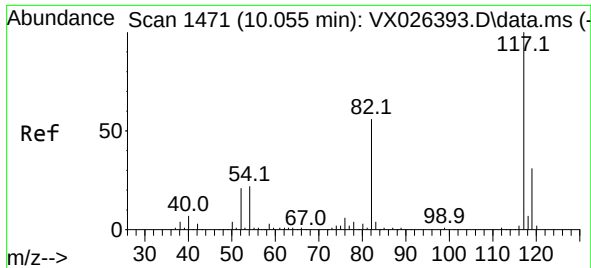
97 100

83 86.8 64.6 96.8

85 58.8 44.1 66.1

99 72.0 48.5 72.7

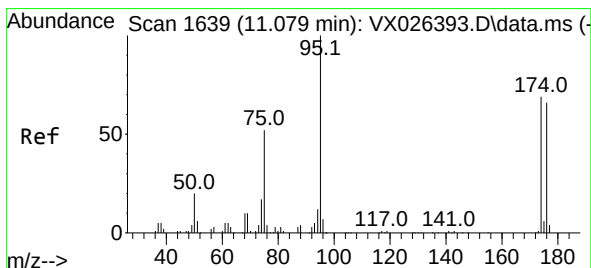
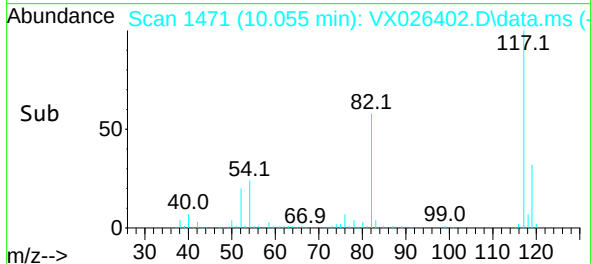
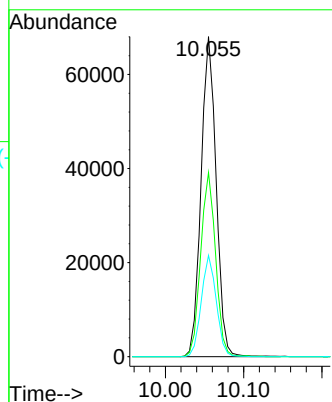
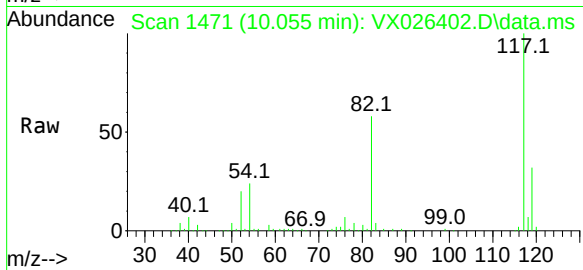




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

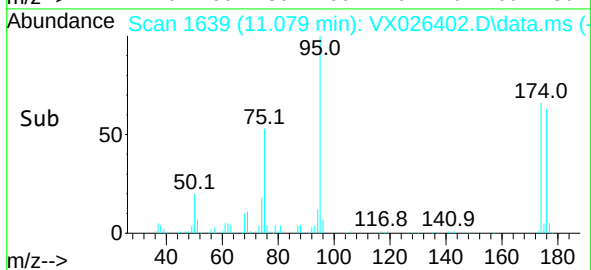
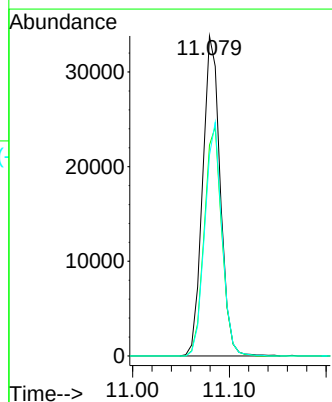
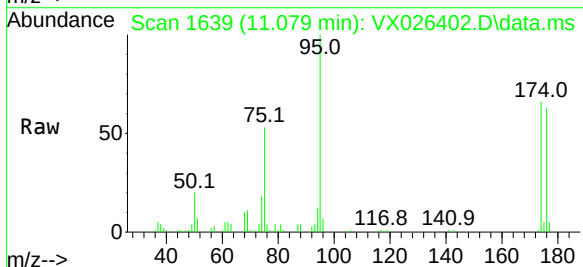
Instrument :
MSVOA_X
ClientSampleId :
TT-RW7B-IDWGW-20220106

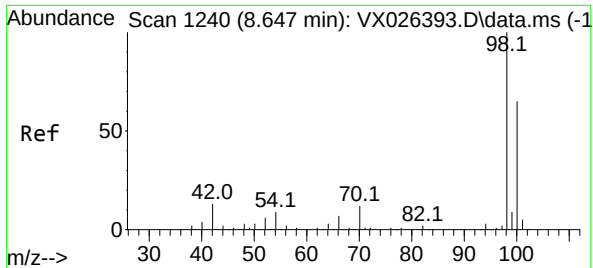
Tgt Ion:	117	Resp:	91065
Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.2	69.4
119	31.4	25.4	38.2



#60
4-Bromofluorobenzene
Concen: 28.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

Tgt Ion:	95	Resp:	42782
Ion	Ratio	Lower	Upper
95	100		
174	71.6	58.0	87.0
176	71.1	56.5	84.7





#63
Toluene-d8
Concen: 28.979 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026402.D
Acq: 10 Jan 2022 15:07

Instrument :
MSVOA_X
ClientSampleId :
TT-RW7B-IDWGW-20220106

Tgt Ion: 98 Resp: 121232
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

