

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030796.D
 Acq On : 26 Aug 2022 01:50
 Operator : JC/MD
 Sample : N4245-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220816

Quant Time: Aug 26 02:45:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

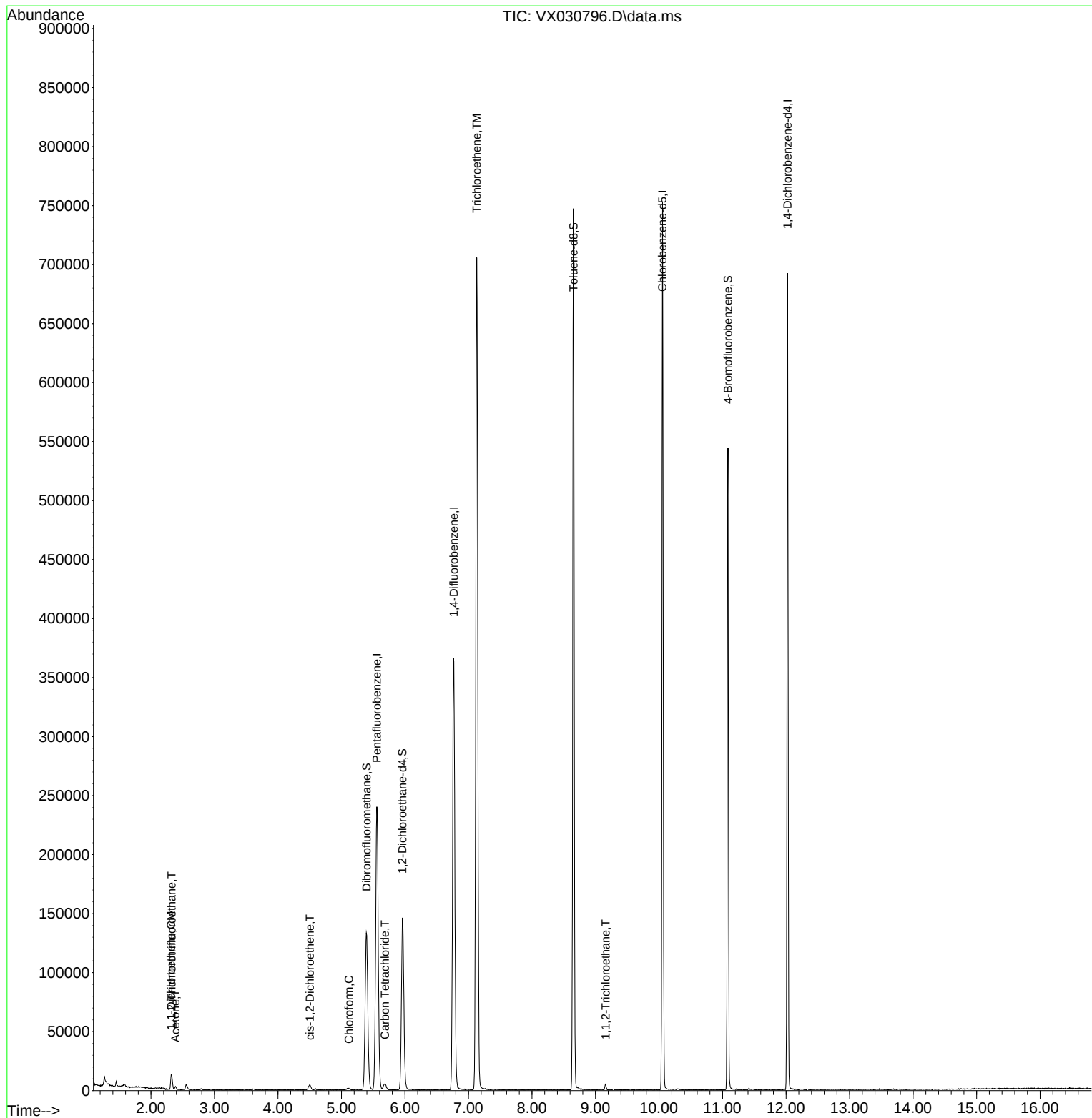
Internal Standards						
1) Pentafluorobenzene	5.556	168	233247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	395521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139692	50.915	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.840%		
35) Dibromofluoromethane	5.397	113	121793	50.104	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.200%		
50) Toluene-d8	8.653	98	444575	52.485	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.960%		
62) 4-Bromofluorobenzene	11.085	95	144235	45.737	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.480%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	2559	1.127	ug/l	87
12) 1,1-Dichloroethene	2.319	96	3034	1.435	ug/l #	85
16) Acetone	2.386	43	2976	2.347	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	3128	1.115	ug/l	91
30) Chloroform	5.117	83	1626	0.347	ug/l	99
38) Carbon Tetrachloride	5.684	117	4805	1.376	ug/l	87
44) Trichloroethene	7.129	130	284555	99.456	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	1624	0.591	ug/l #	80

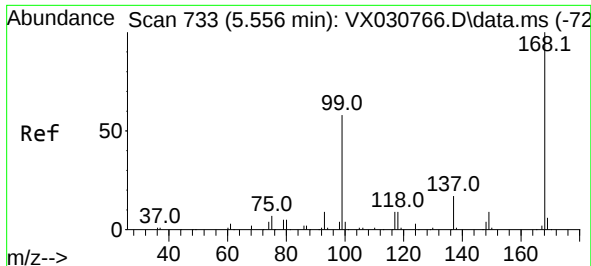
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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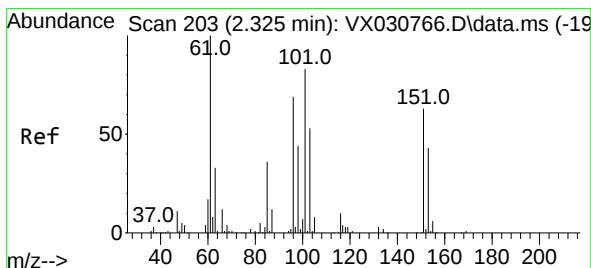
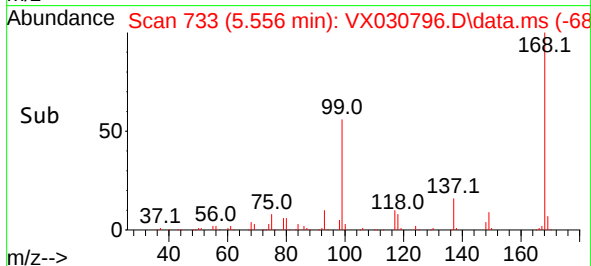
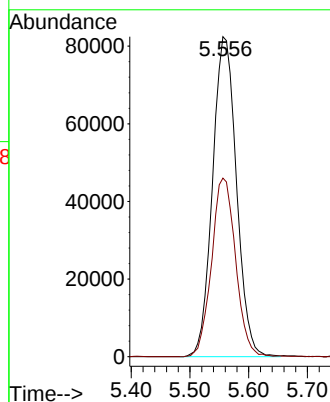
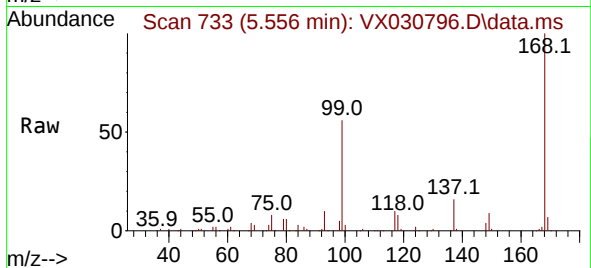




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

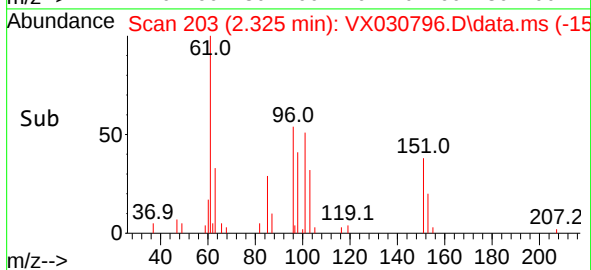
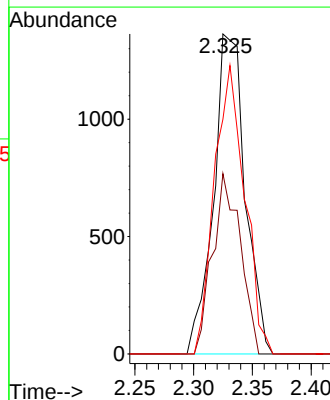
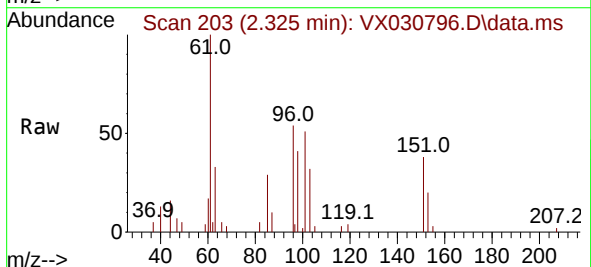
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220816

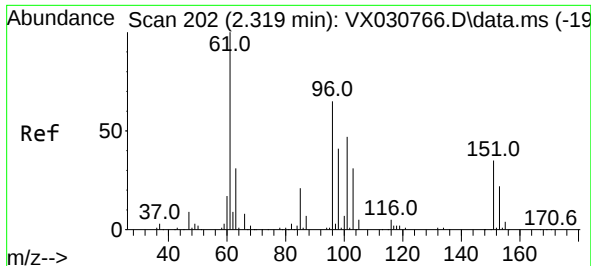
Tgt Ion:168 Resp: 233247
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.127 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

Tgt Ion:101 Resp: 2559
Ion Ratio Lower Upper
101 100
85 49.4 34.0 51.0
151 86.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 1.435 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030796.D

Acq: 26 Aug 2022 01:50

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20220816

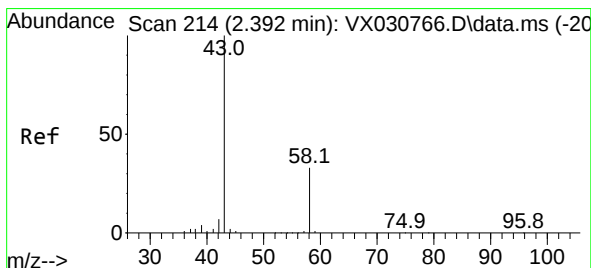
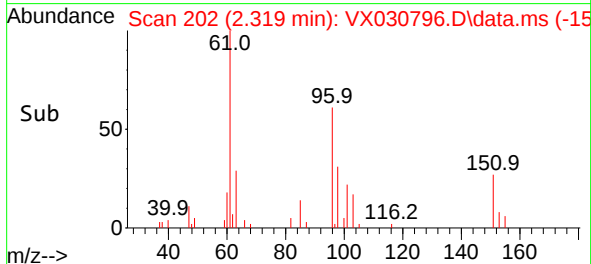
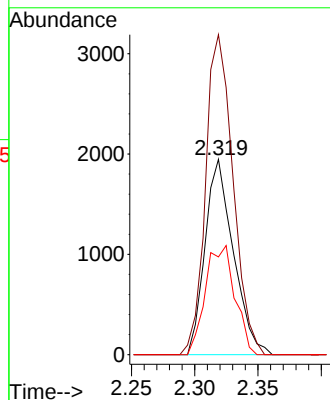
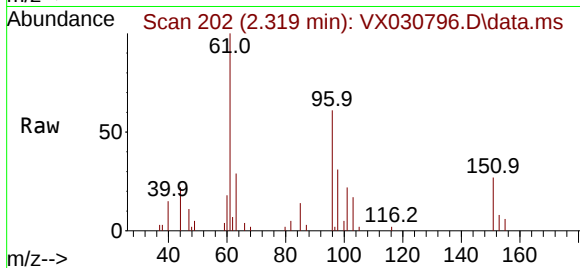
Tgt Ion: 96 Resp: 3034

Ion Ratio Lower Upper

96 100

61 163.8 117.4 176.0

98 50.0 52.2 78.4#



#16

Acetone

Concen: 2.347 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX030796.D

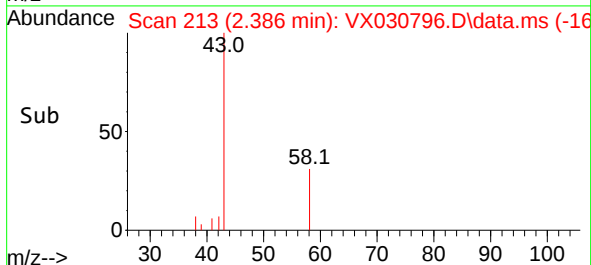
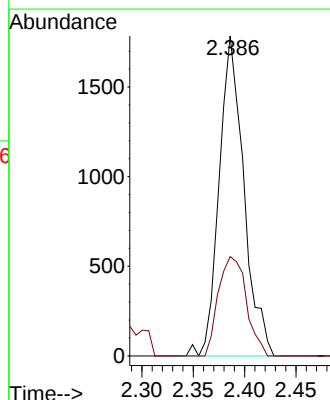
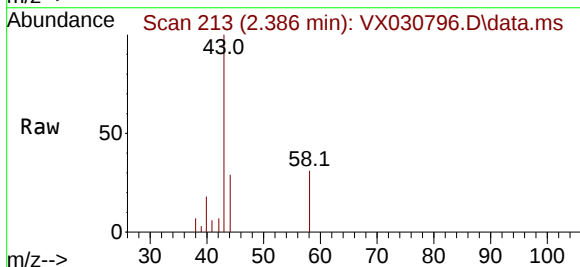
Acq: 26 Aug 2022 01:50

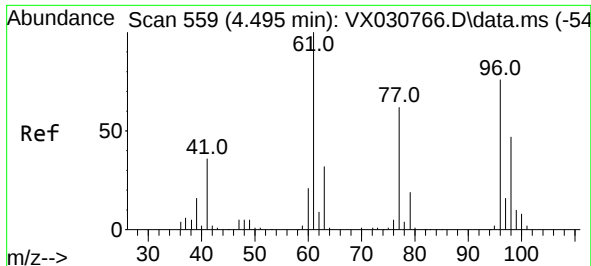
Tgt Ion: 43 Resp: 2976

Ion Ratio Lower Upper

43 100

58 31.0 27.7 41.5





#27

cis-1,2-Dichloroethene

Concen: 1.115 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX030796.D

Acq: 26 Aug 2022 01:50

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20220816

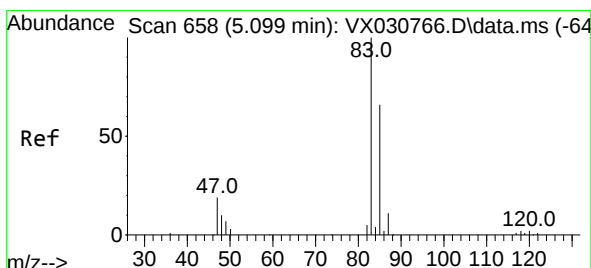
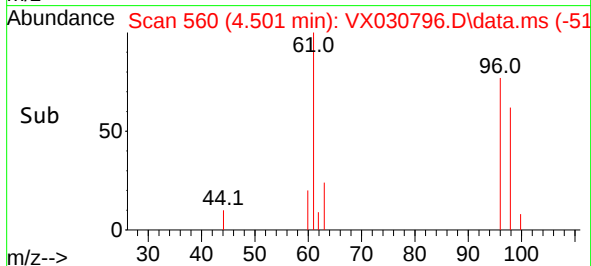
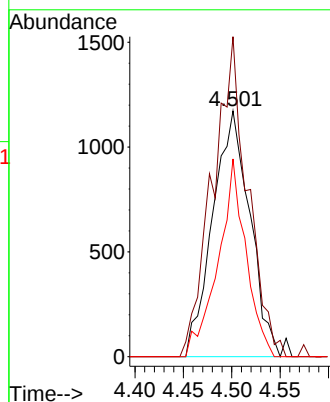
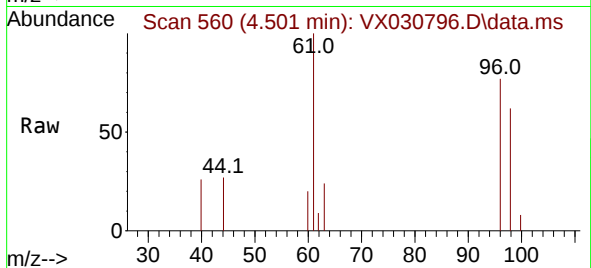
Tgt Ion: 96 Resp: 3128

Ion Ratio Lower Upper

96 100

61 122.6 0.0 270.0

98 60.2 0.0 127.8



#30

Chloroform

Concen: 0.347 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.018 min

Lab File: VX030796.D

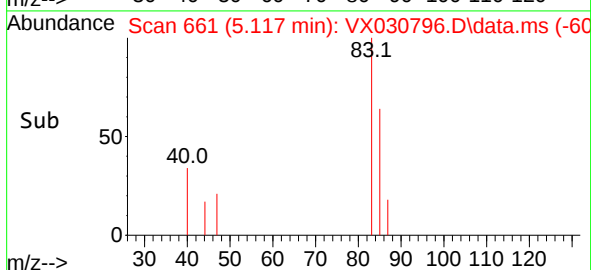
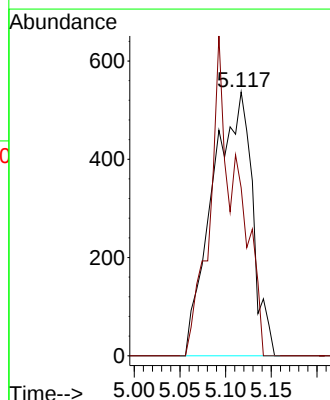
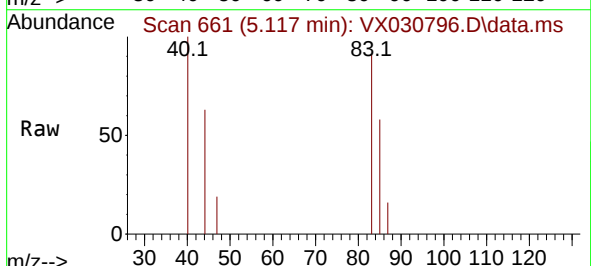
Acq: 26 Aug 2022 01:50

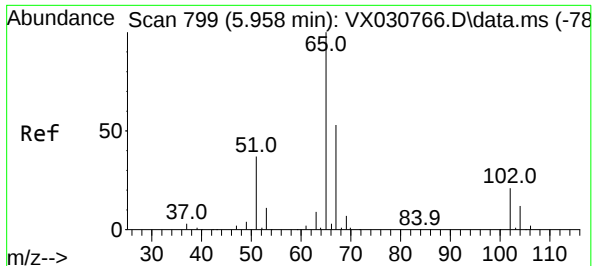
Tgt Ion: 83 Resp: 1626

Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3

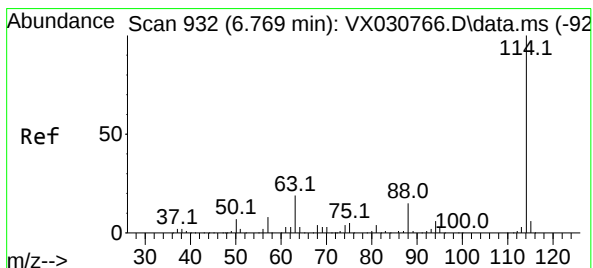
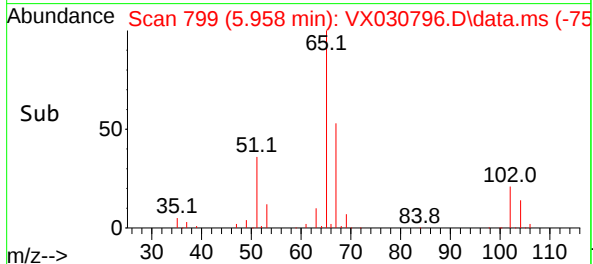
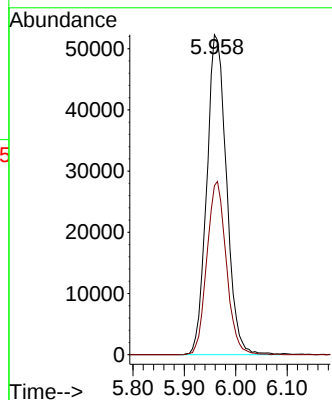
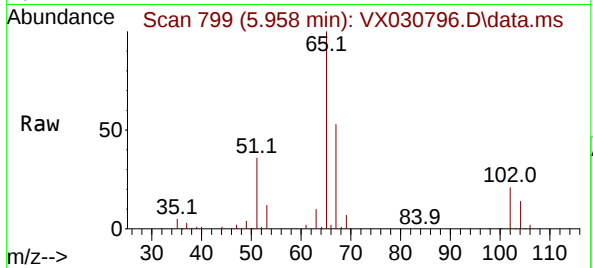




#33
 1,2-Dichloroethane-d4
 Concen: 50.915 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030796.D
 Acq: 26 Aug 2022 01:50

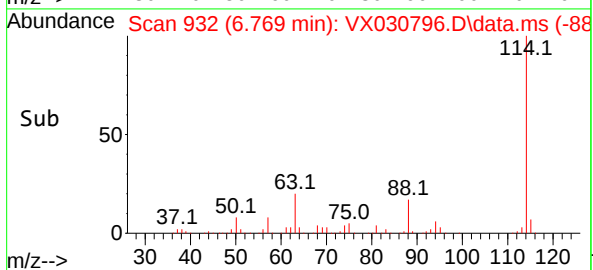
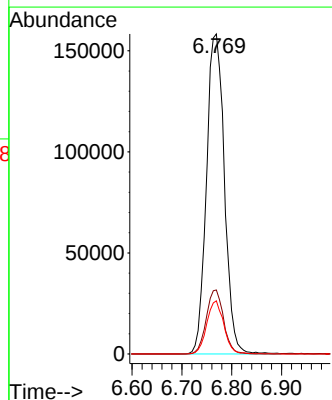
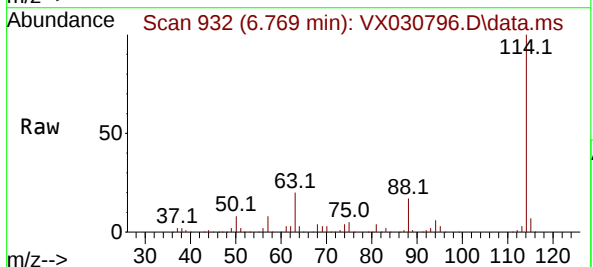
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220816

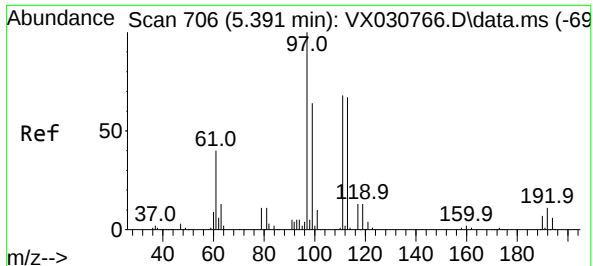
Tgt Ion: 65 Resp: 139692
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030796.D
 Acq: 26 Aug 2022 01:50

Tgt Ion: 114 Resp: 395521
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.104 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030796.D

Acq: 26 Aug 2022 01:50

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20220816

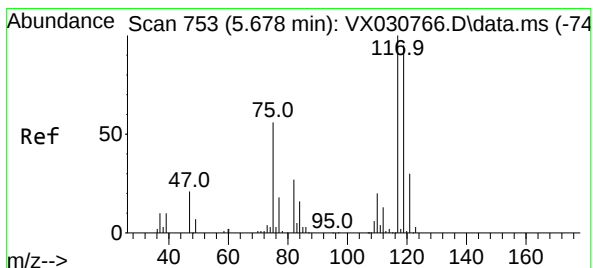
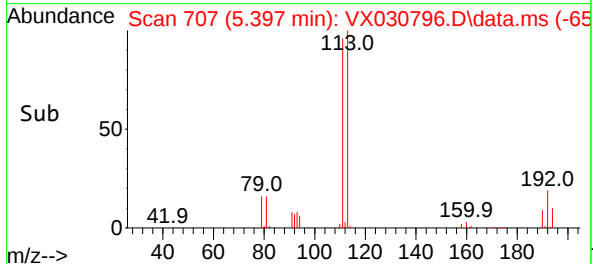
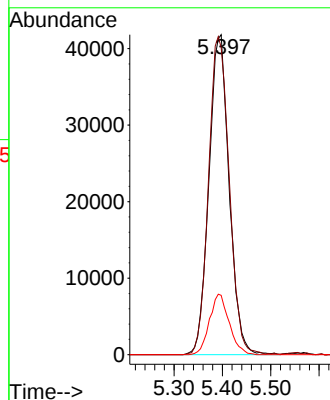
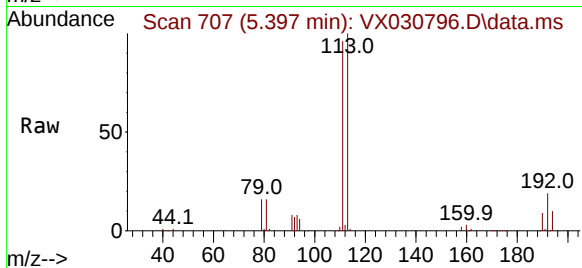
Tgt Ion:113 Resp: 121793

Ion Ratio Lower Upper

113 100

111 101.3 83.2 124.8

192 18.4 14.8 22.2



#38

Carbon Tetrachloride

Concen: 1.376 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX030796.D

Acq: 26 Aug 2022 01:50

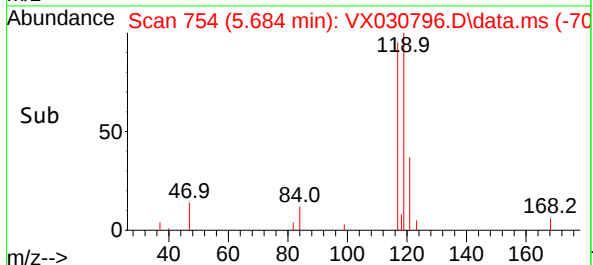
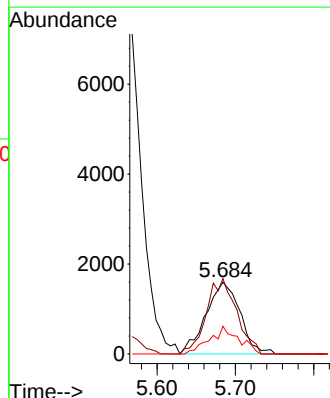
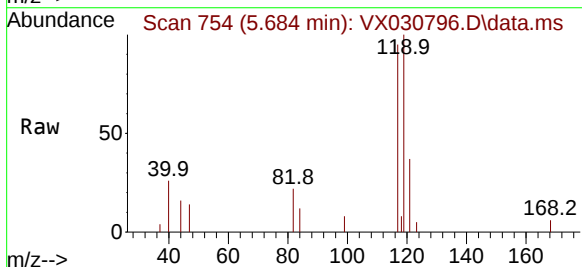
Tgt Ion:117 Resp: 4805

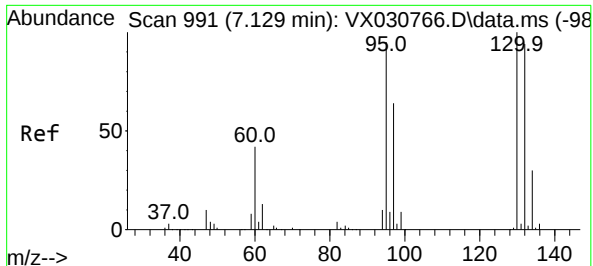
Ion Ratio Lower Upper

117 100

119 105.2 74.1 111.1

121 38.7 25.8 38.8

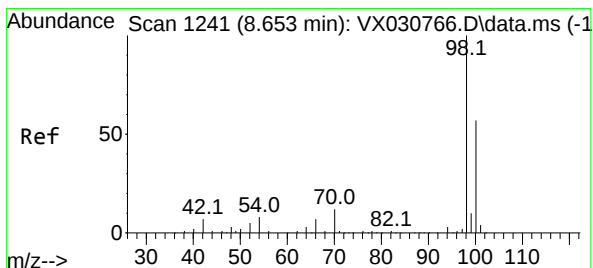
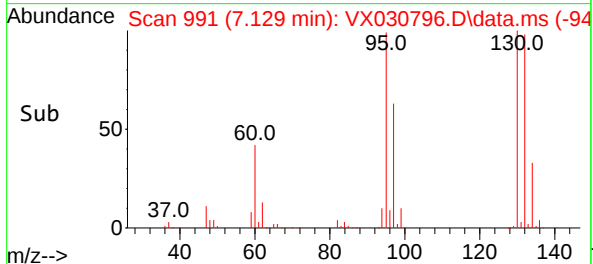
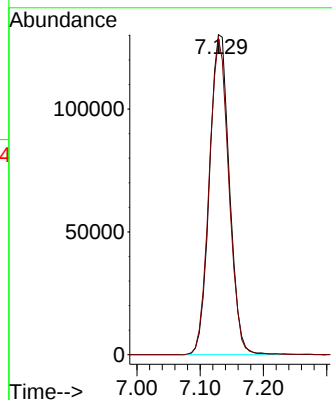
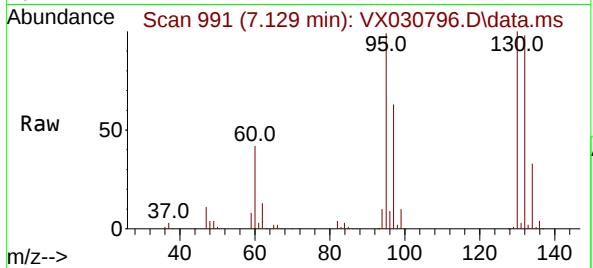




#44
Trichloroethene
Concen: 99.456 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

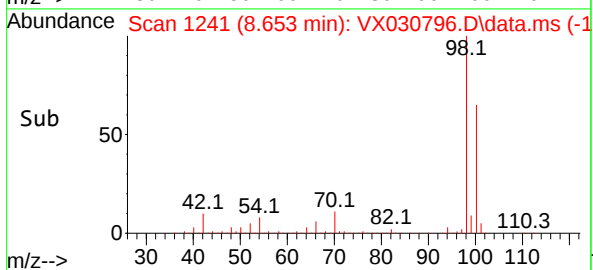
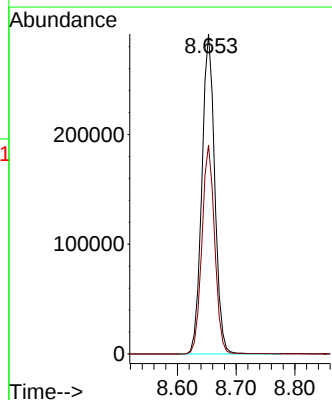
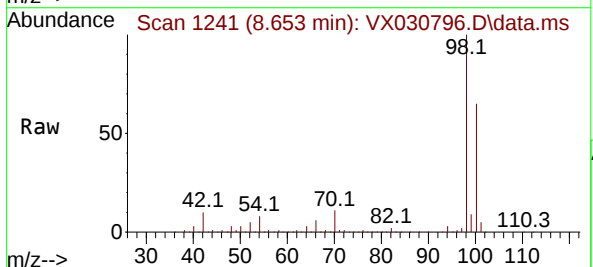
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RE117D1-20220816

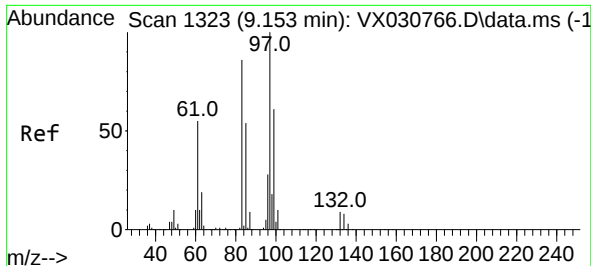
Tgt Ion:130 Resp: 284555
Ion Ratio Lower Upper
130 100
95 98.8 0.0 194.8



#50
Toluene-d8
Concen: 52.485 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

Tgt Ion: 98 Resp: 444575
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

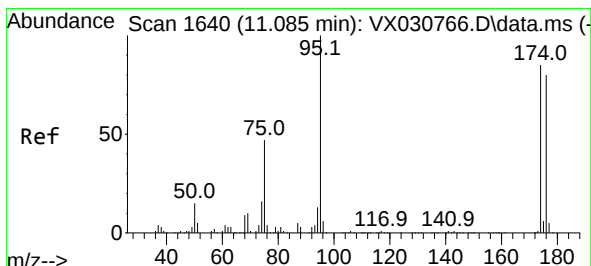
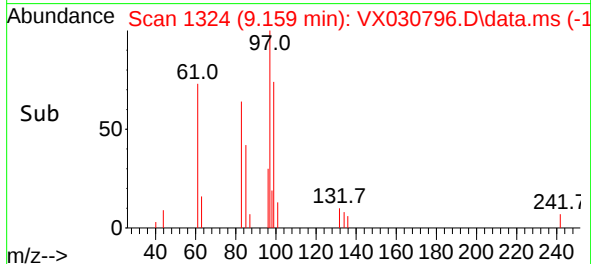
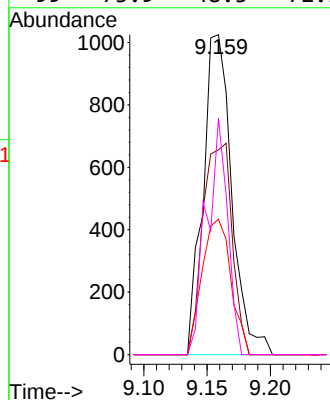
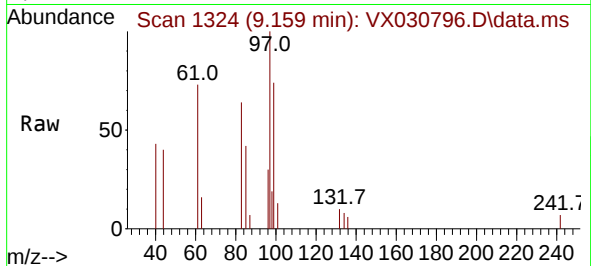




#55
1,1,2-Trichloroethane
Concen: 0.591 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

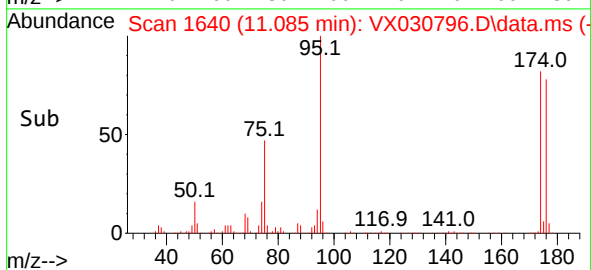
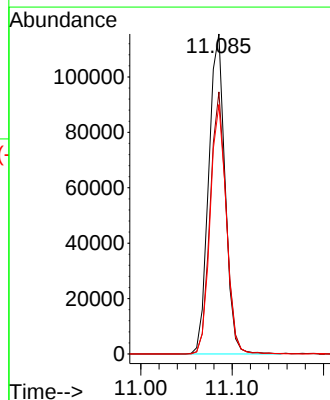
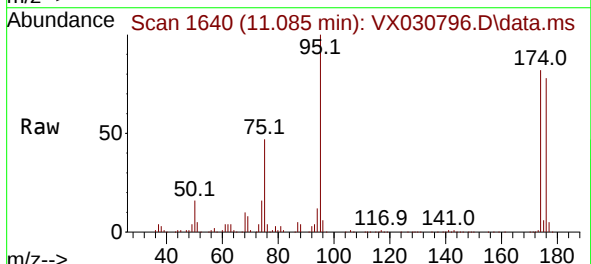
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220816

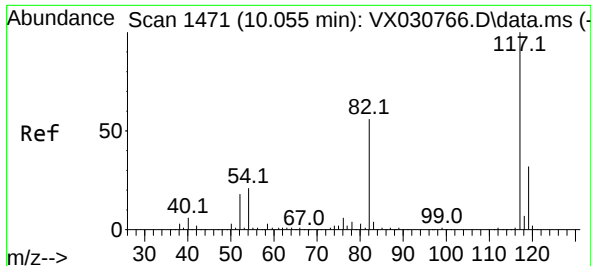
Tgt Ion: 97	Resp:	1624	
Ion	Ratio	Lower	Upper
97	100		
83	64.0	68.9	103.3#
85	42.3	44.0	66.0#
99	73.9	48.3	72.5#



#62
4-Bromofluorobenzene
Concen: 45.737 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

Tgt Ion: 95	Resp: 144235
Ion Ratio	Lower Upper
95 100	
174 80.2	0.0 149.0
176 76.9	0.0 146.0

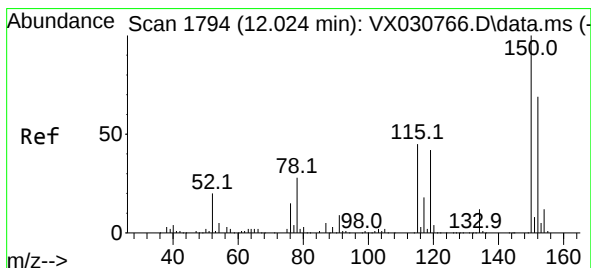
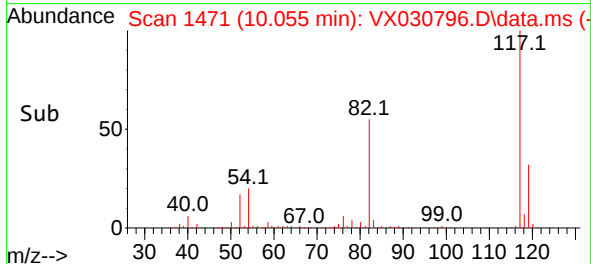
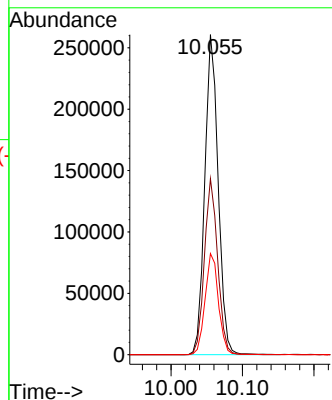
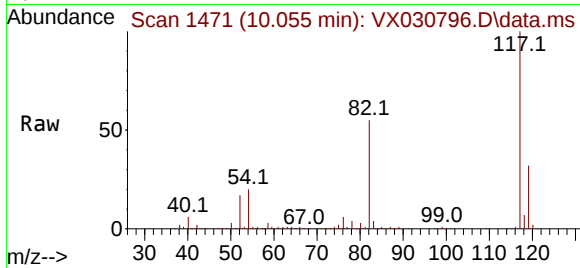




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220816

Tgt Ion:117 Resp: 339229
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030796.D
Acq: 26 Aug 2022 01:50

Tgt Ion:152 Resp: 143142
Ion Ratio Lower Upper
152 100
115 58.2 40.5 121.5
150 154.7 0.0 347.0

