

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038758.D
 Acq On : 11 Nov 2023 04:46
 Operator : JC/MD
 Sample : 05350-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20231107

Quant Time: Nov 13 01:05:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

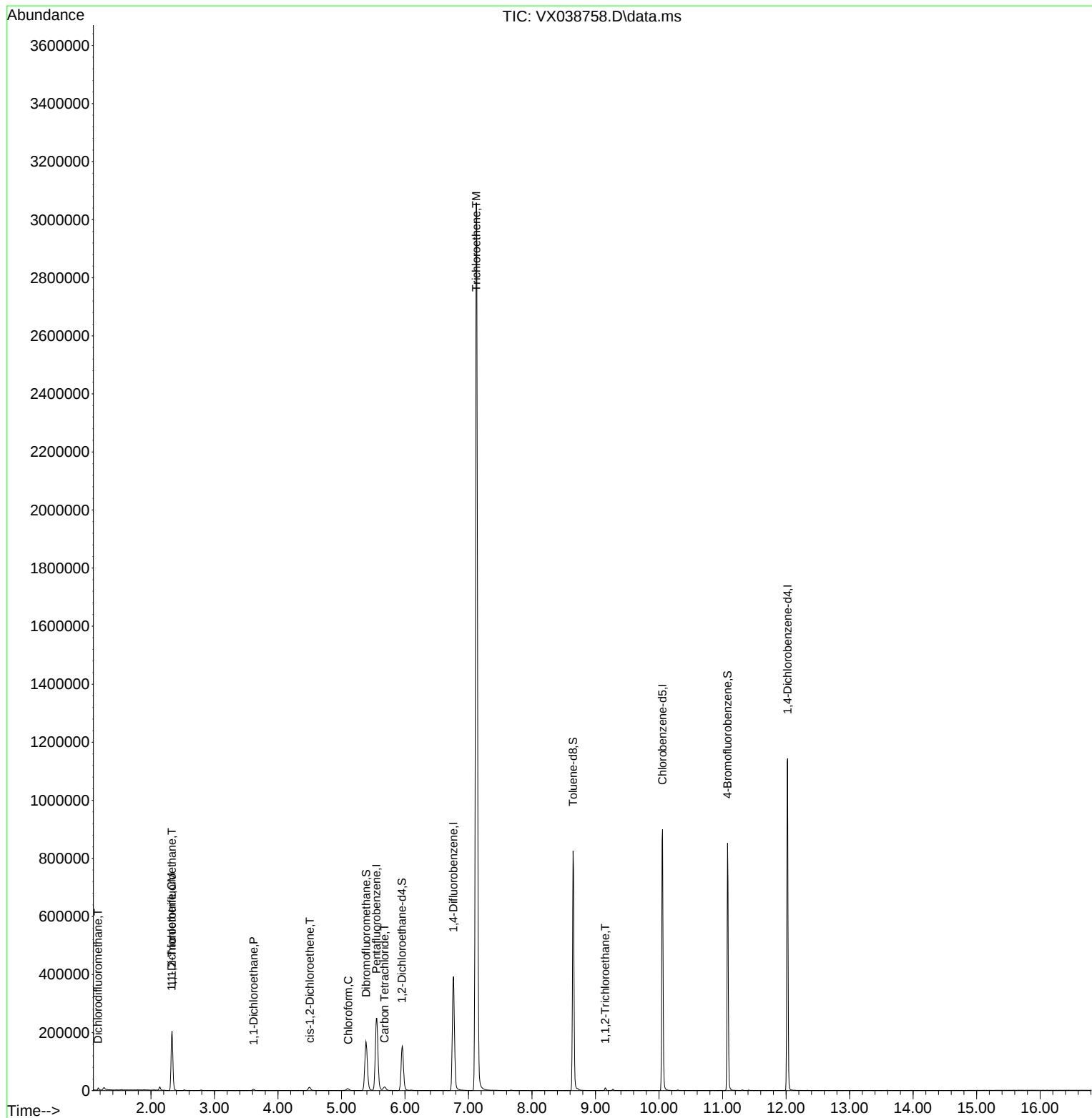
Internal Standards						
1) Pentafluorobenzene	5.550	168	264850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	443929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154204	46.767	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.540%	
35) Dibromofluoromethane	5.385	113	144942	45.332	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.660%	
50) Toluene-d8	8.647	98	527185	46.078	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	92.160%	
62) 4-Bromofluorobenzene	11.079	95	227780	51.349	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.700%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3906	1.420	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	61162	23.708	ug/l	89
12) 1,1-Dichloroethene	2.325	96	25696	10.396	ug/l	# 76
24) 1,1-Dichloroethane	3.617	63	5519	1.250	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	8384	2.698	ug/l	74
30) Chloroform	5.105	83	8951	1.728	ug/l	99
38) Carbon Tetrachloride	5.678	117	11070	2.493	ug/l	98
44) Trichloroethene	7.123	130	1283243	360.531	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	3080	0.969	ug/l	91

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

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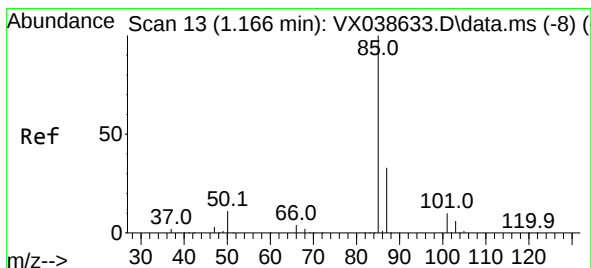
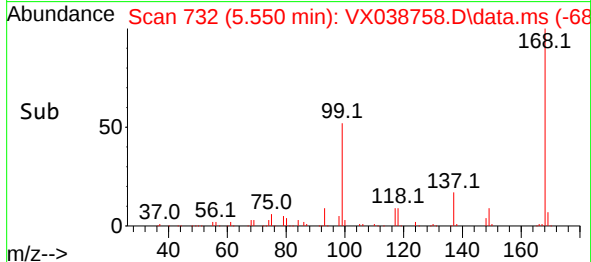
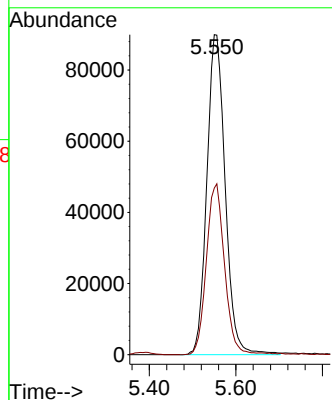
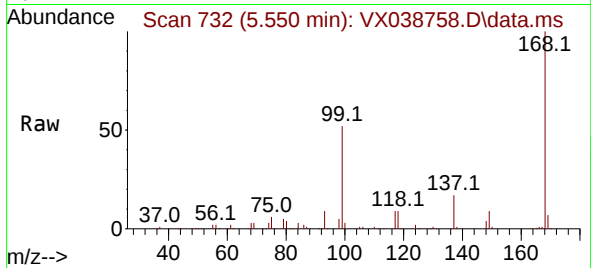




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

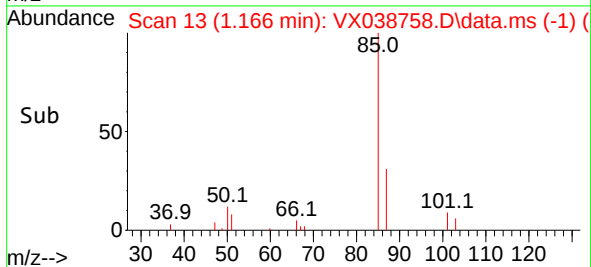
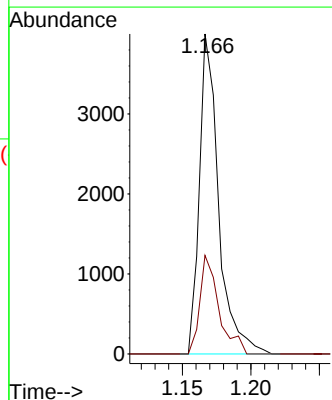
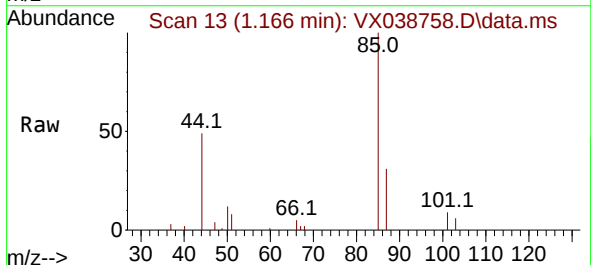
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107

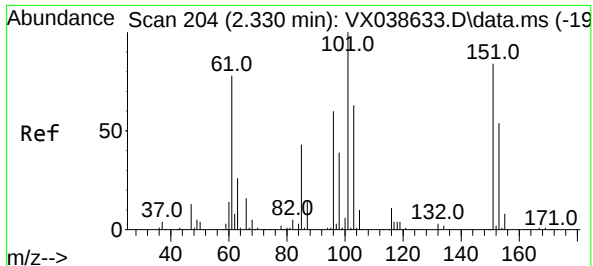
Tgt Ion:168 Resp: 264850
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 1.420 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

Tgt Ion: 85 Resp: 3906
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1

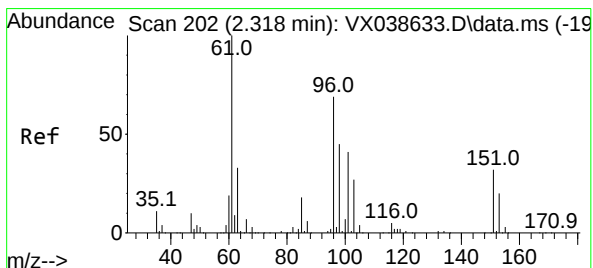
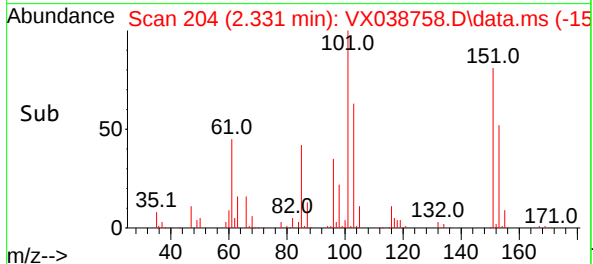
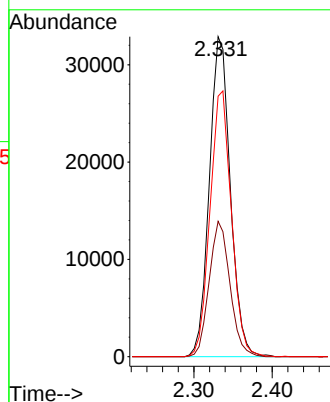
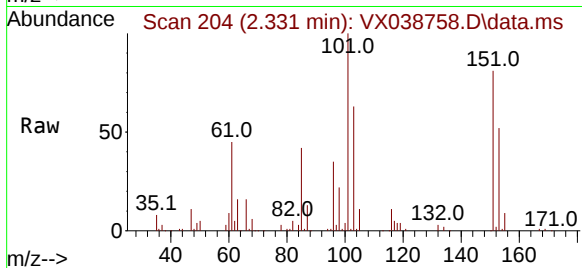




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.708 ug/l
 RT: 2.331 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX038758.D
 Acq: 11 Nov 2023 04:46

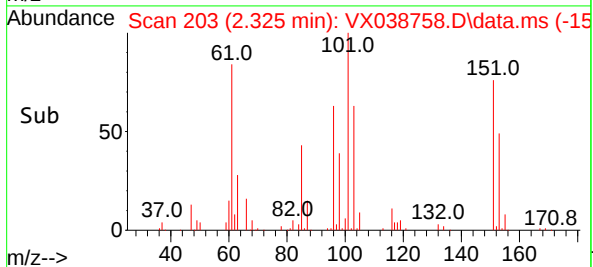
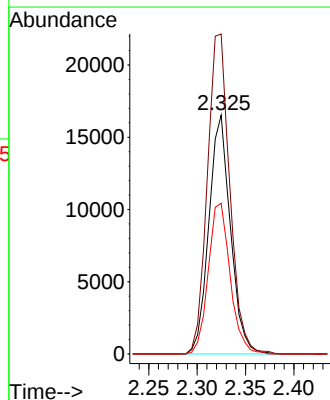
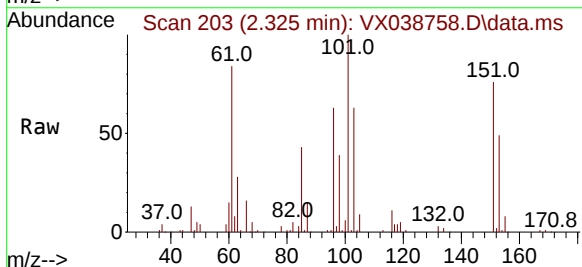
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20231107

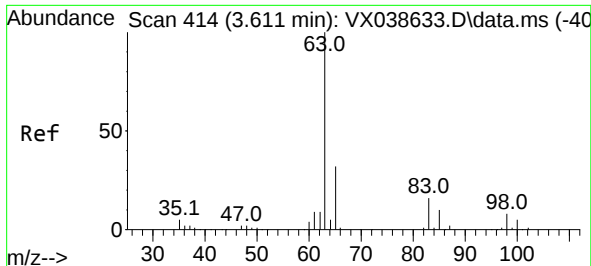
Tgt Ion:101 Resp: 61162
 Ion Ratio Lower Upper
 101 100
 85 42.0 37.0 55.6
 151 84.7 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 10.396 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.007 min
 Lab File: VX038758.D
 Acq: 11 Nov 2023 04:46

Tgt Ion: 96 Resp: 25696
 Ion Ratio Lower Upper
 96 100
 61 134.0 144.6 216.8#
 98 63.1 50.4 75.6

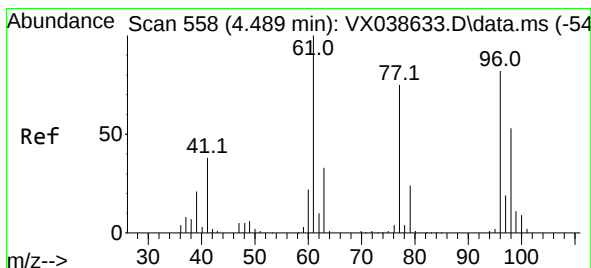
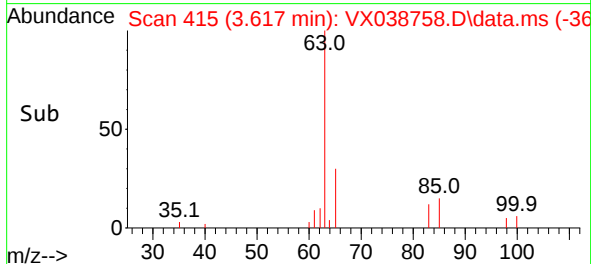
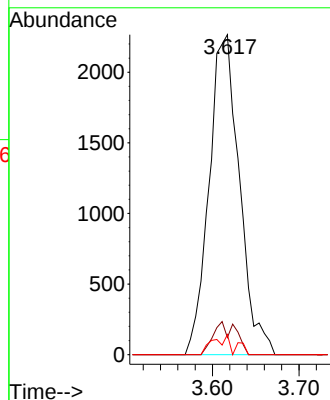
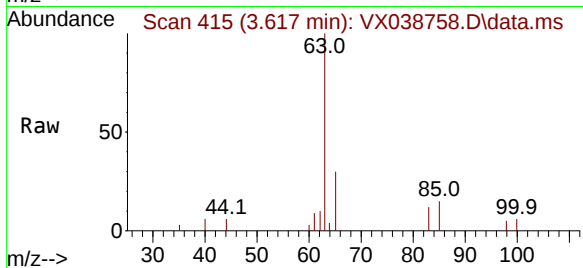




#24
1,1-Dichloroethane
Concen: 1.250 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.007 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

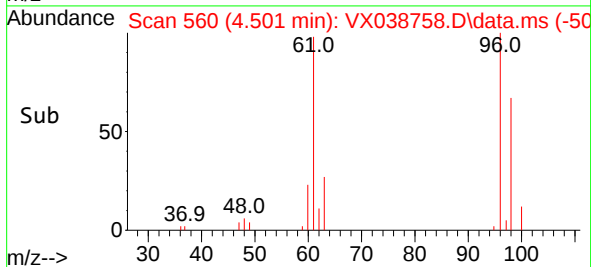
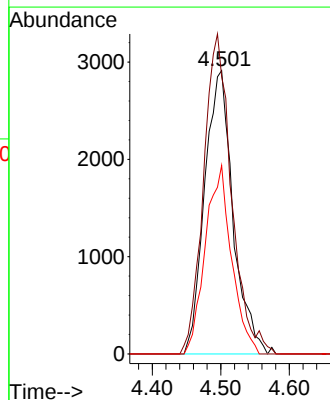
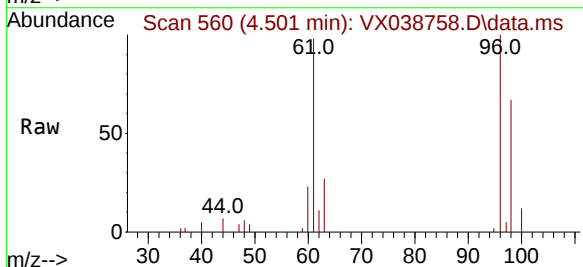
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107

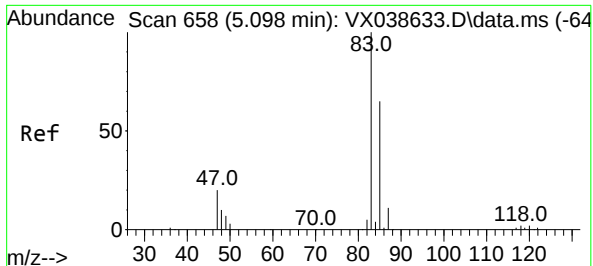
Tgt Ion: 63 Resp: 5519
Ion Ratio Lower Upper
63 100
98 5.3 3.3 9.8
100 6.3 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 2.698 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.013 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

Tgt Ion: 96 Resp: 8384
Ion Ratio Lower Upper
96 100
61 111.2 0.0 312.2
98 61.5 0.0 129.0





#30

Chloroform

Concen: 1.728 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX038758.D

Acq: 11 Nov 2023 04:46

Instrument :

MSVOA_X

ClientSampleId :

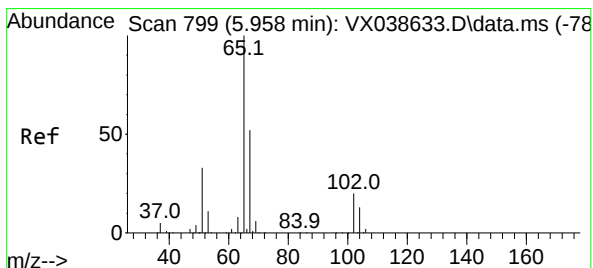
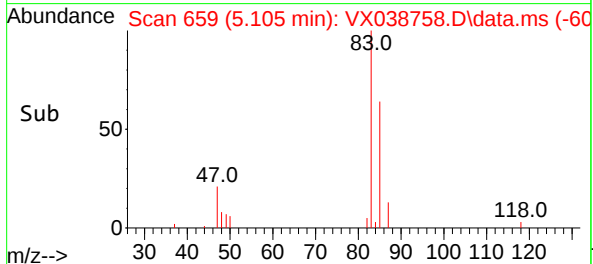
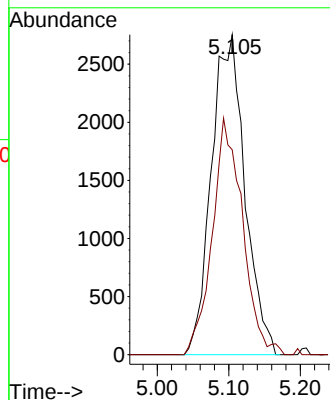
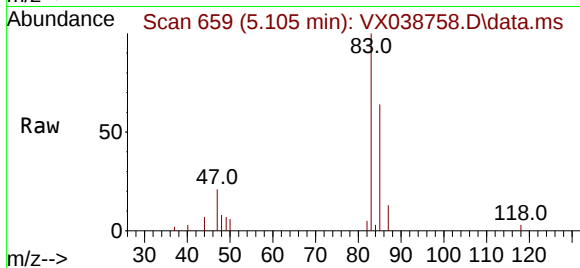
RE115D1-20231107

Tgt Ion: 83 Resp: 8951

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 46.767 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038758.D

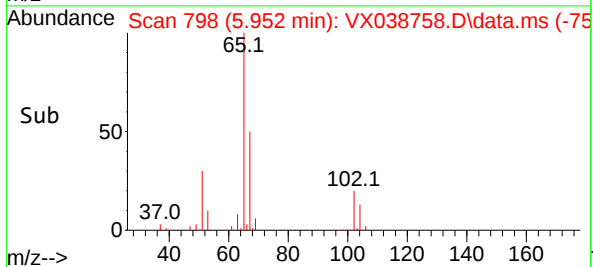
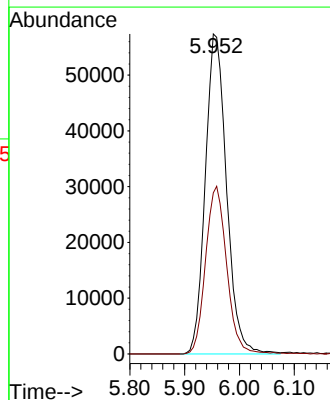
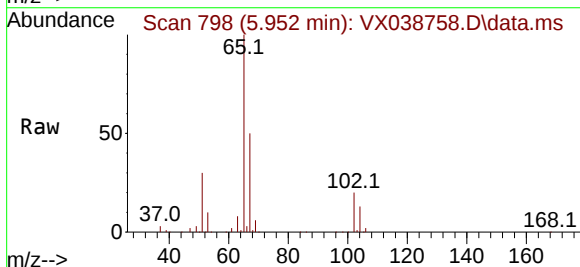
Acq: 11 Nov 2023 04:46

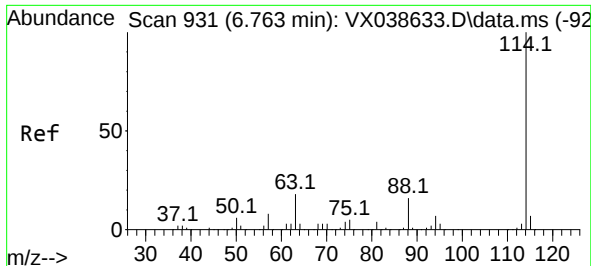
Tgt Ion: 65 Resp: 154204

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2

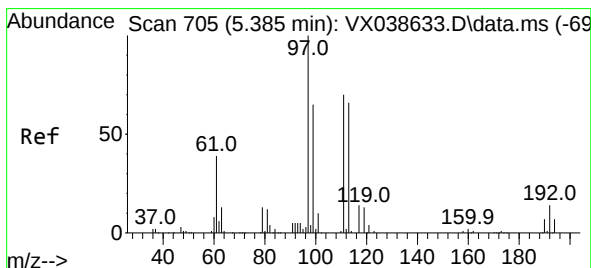
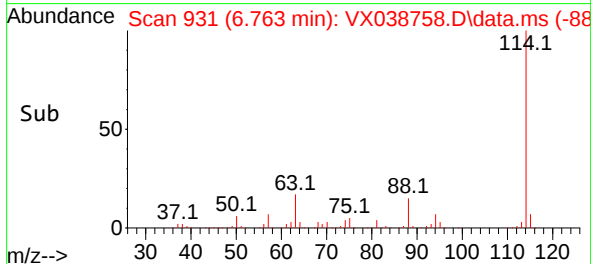
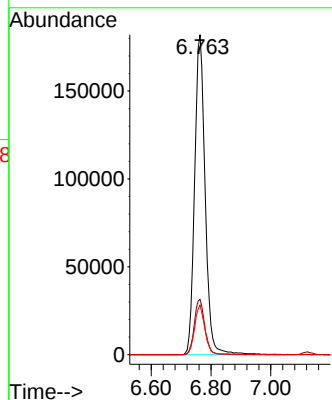
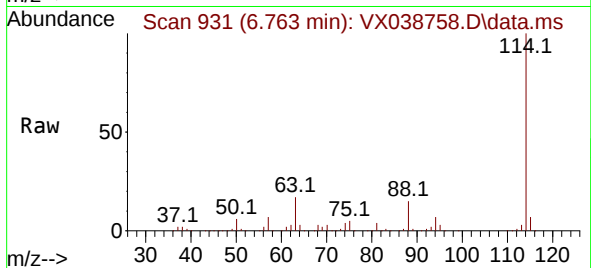




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

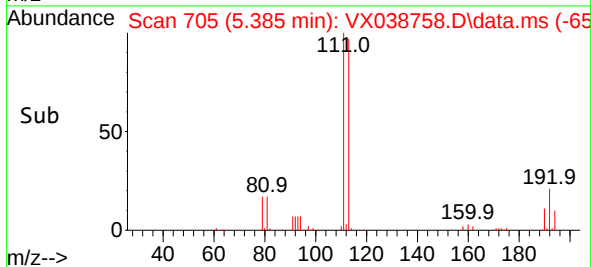
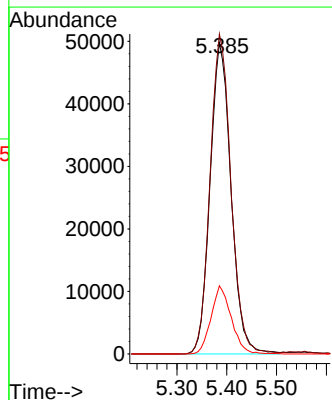
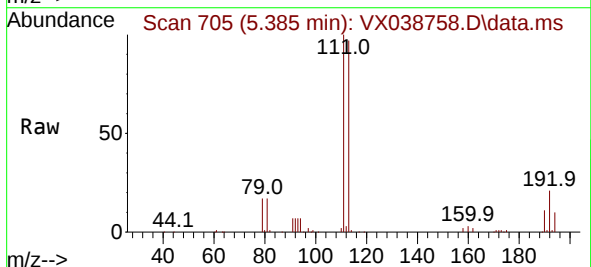
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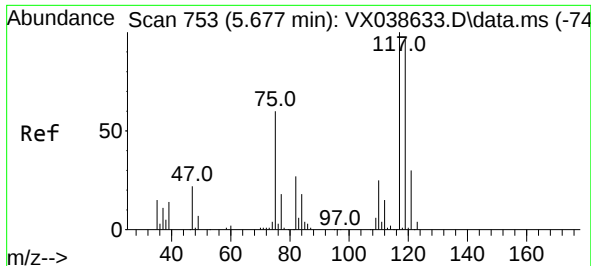
Tgt Ion:114 Resp: 443929
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.332 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

Tgt Ion:113 Resp: 144942
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 21.2 13.3 19.9#

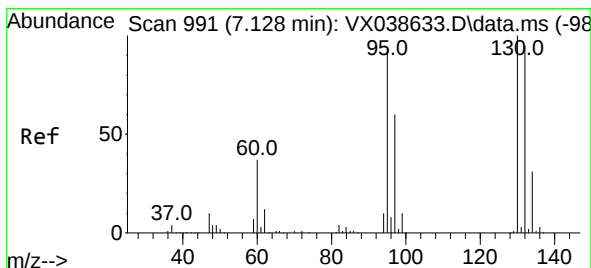
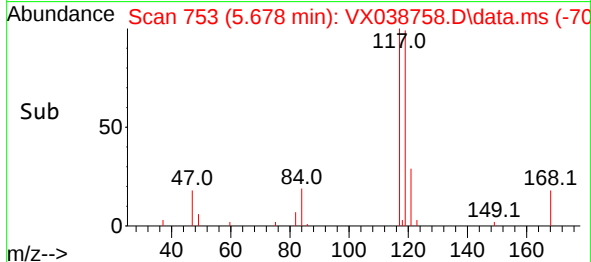
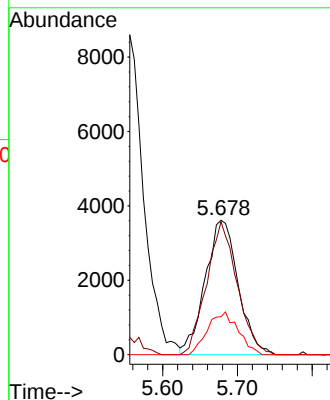
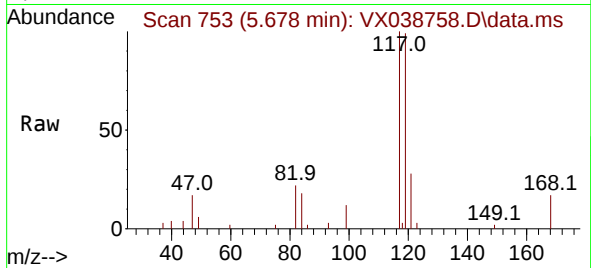




#38
Carbon Tetrachloride
Concen: 2.493 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

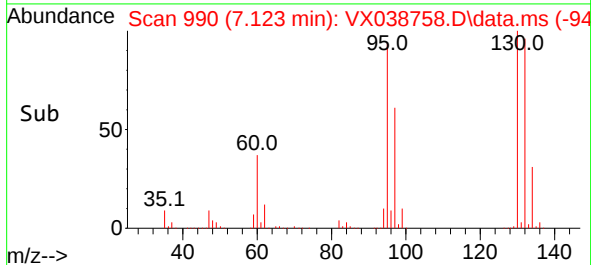
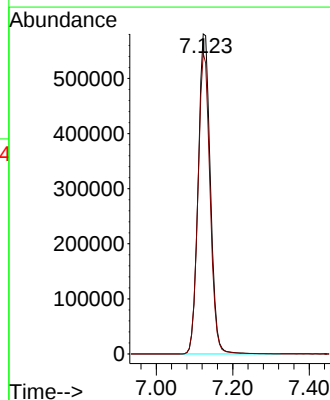
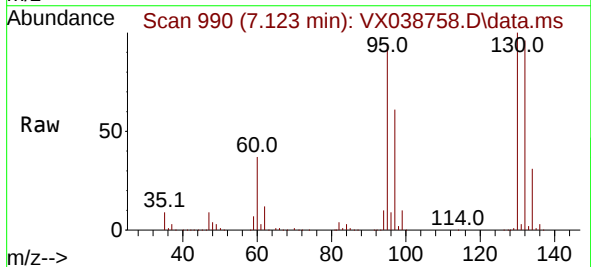
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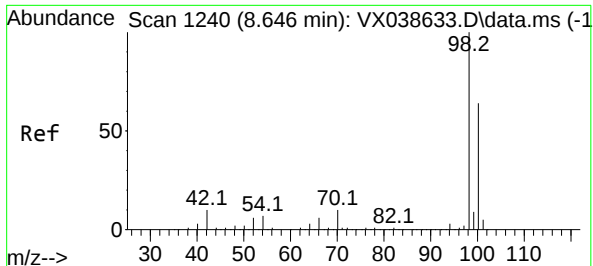
Tgt Ion:117 Resp: 11070
Ion Ratio Lower Upper
117 100
119 98.8 78.2 117.2
121 28.3 24.4 36.6



#44
Trichloroethene
Concen: 360.531 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

Tgt Ion:130 Resp: 1283243
Ion Ratio Lower Upper
130 100
95 93.9 0.0 204.4

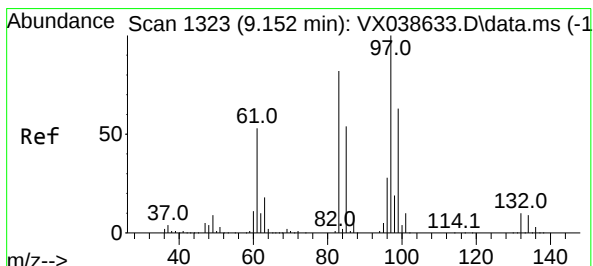
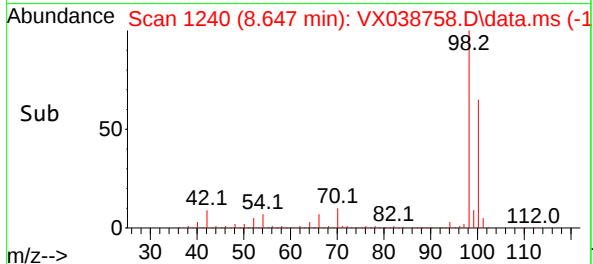
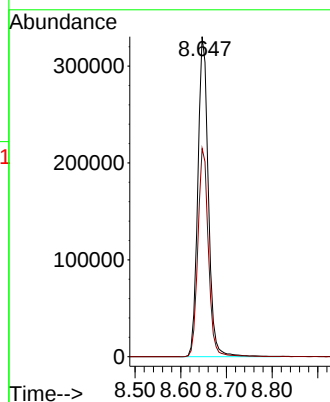
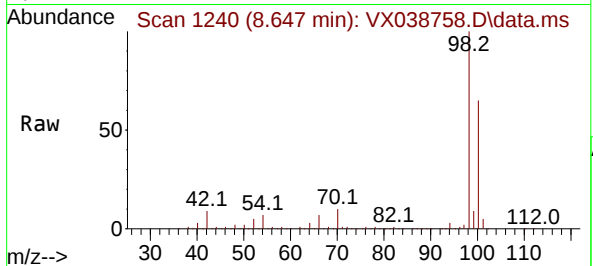




#50
Toluene-d8
Concen: 46.078 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

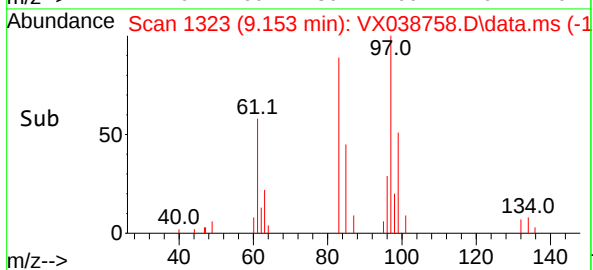
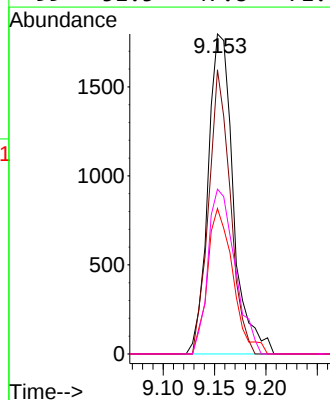
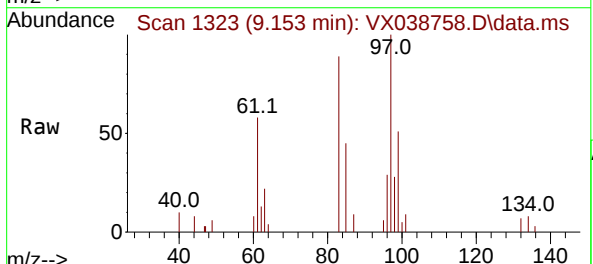
Instrument :
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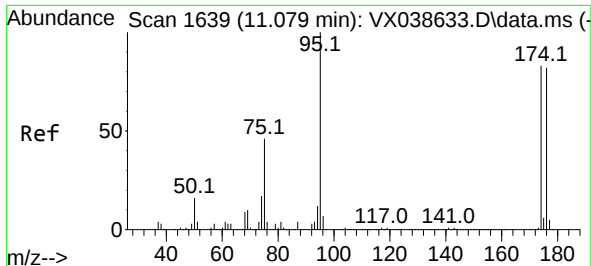
Tgt Ion: 98 Resp: 527185
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.969 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038758.D
Acq: 11 Nov 2023 04:46

Tgt Ion: 97 Resp: 3080
Ion Ratio Lower Upper
97 100
83 88.8 65.8 98.8
85 45.5 41.6 62.4
99 51.5 47.8 71.8





#62

4-Bromofluorobenzene

Concen: 51.349 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038758.D

Acq: 11 Nov 2023 04:46

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20231107

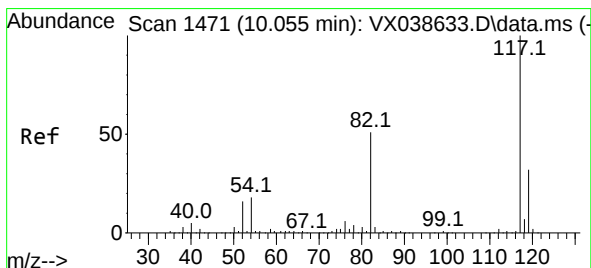
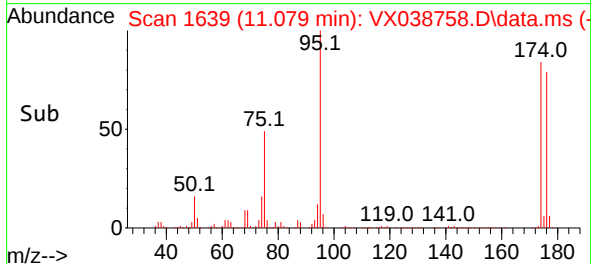
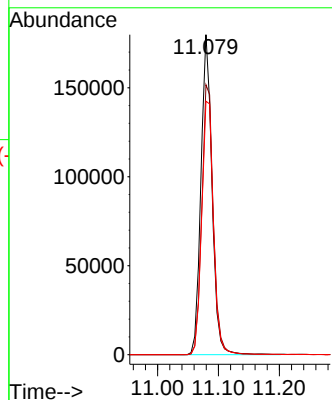
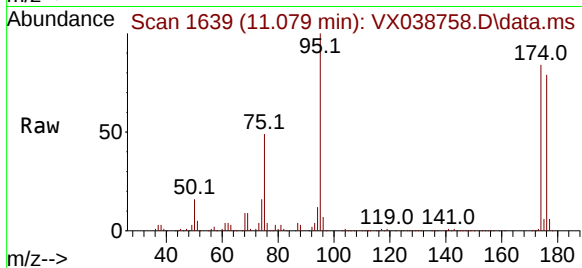
Tgt Ion: 95 Resp: 227780

Ion Ratio Lower Upper

95 100

174 88.2 0.0 135.6

176 84.4 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038758.D

Acq: 11 Nov 2023 04:46

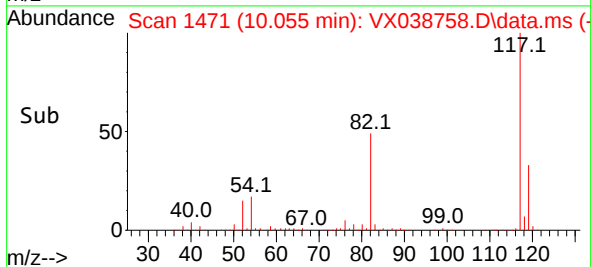
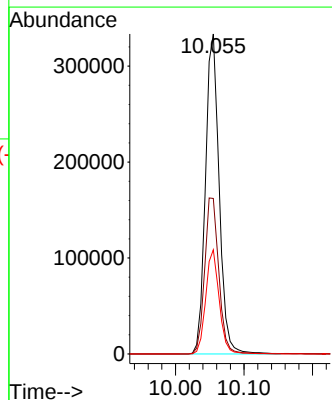
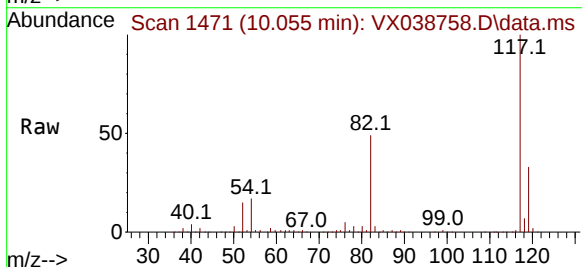
Tgt Ion: 117 Resp: 465062

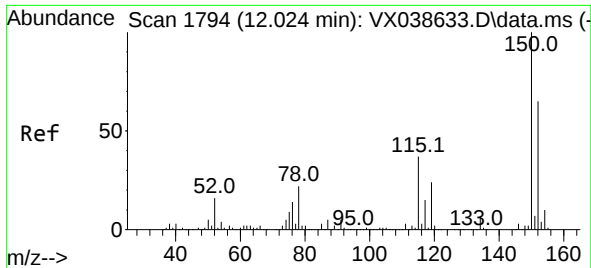
Ion Ratio Lower Upper

117 100

82 48.6 46.2 69.4

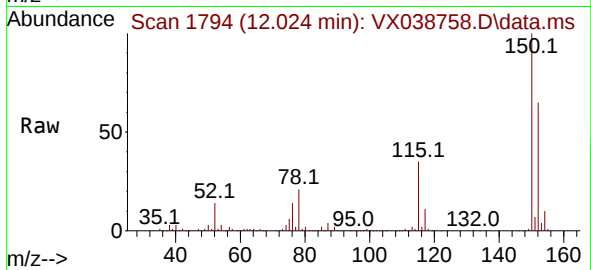
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038758.D
 Acq: 11 Nov 2023 04:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20231107



Tgt Ion:152 Resp: 271740
 Ion Ratio Lower Upper
 152 100
 115 56.9 43.3 129.9
 150 155.9 0.0 345.0

