

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040314.D
 Acq On : 17 Feb 2024 19:43
 Operator : JC/MD
 Sample : P1507-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20240215

Quant Time: Feb 19 04:01:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

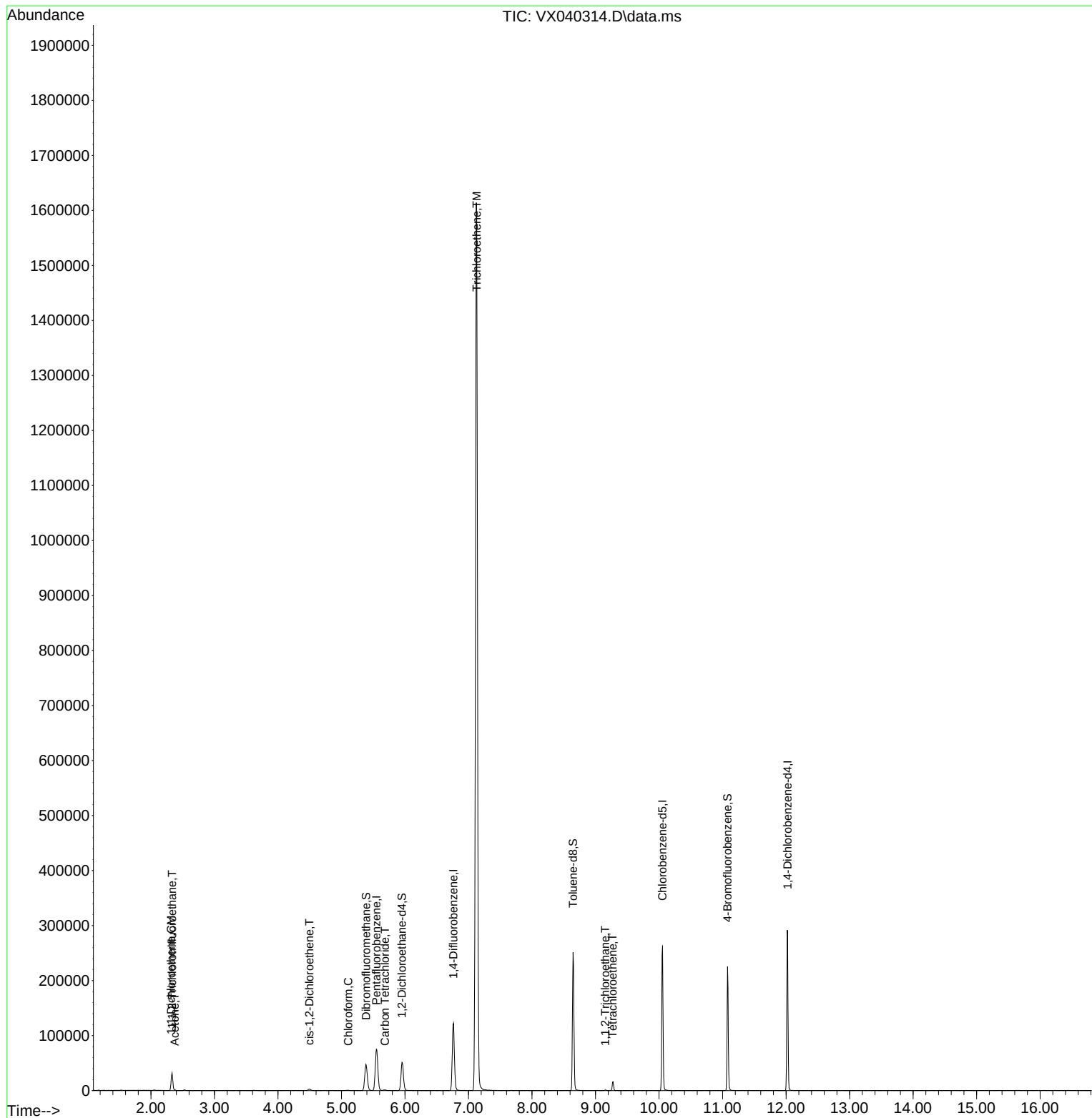
Internal Standards						
1) Pentafluorobenzene	5.549	168	71987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	50657	47.301	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.600%		
35) Dibromofluoromethane	5.385	113	40014	45.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	8.646	98	150913	45.520	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.040%#		
62) 4-Bromofluorobenzene	11.079	95	58132	42.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.980%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.330	101	10412	13.640	ug/l	98
12) 1,1-Dichloroethene	2.318	96	2533	3.446	ug/l	90
16) Acetone	2.373	43	803	1.826	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	1934	2.025	ug/l	80
30) Chloroform	5.104	83	993	0.610	ug/l	85
38) Carbon Tetrachloride	5.684	117	1459	1.236	ug/l #	68
44) Trichloroethene	7.128	130	614501	641.648	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	403	0.415	ug/l #	81
64) Tetrachloroethene	9.268	164	3119	3.697	ug/l	86

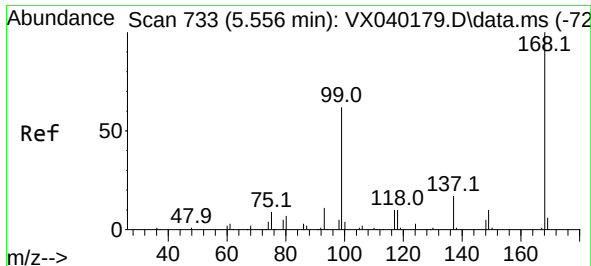
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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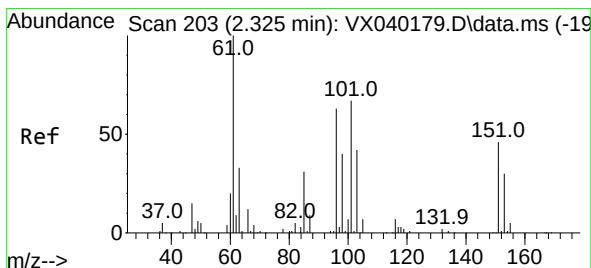
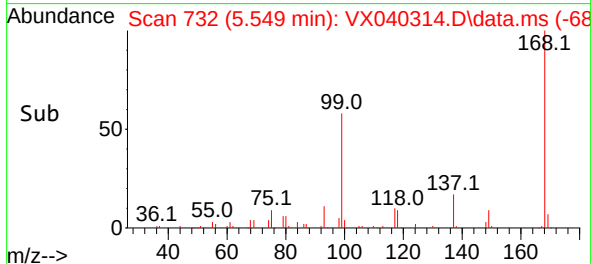
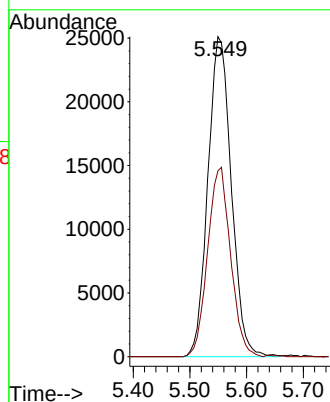
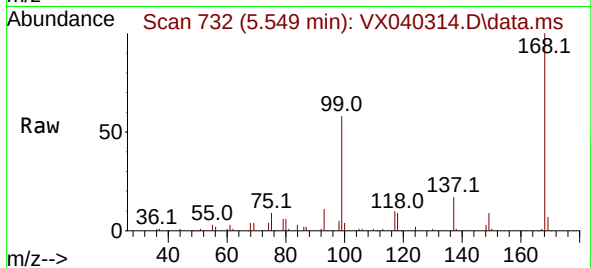




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX040314.D
Acq: 17 Feb 2024 19:43

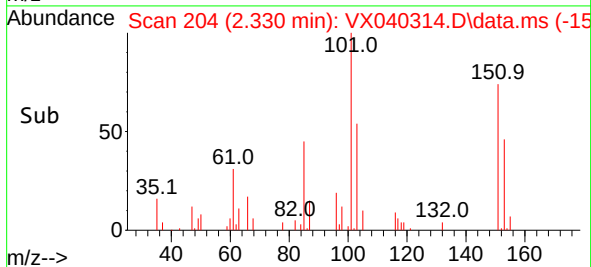
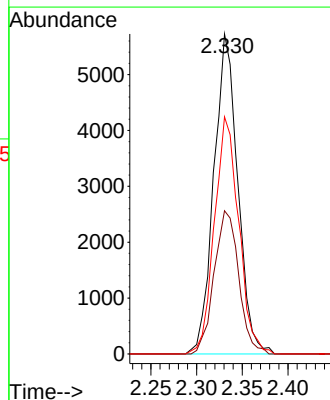
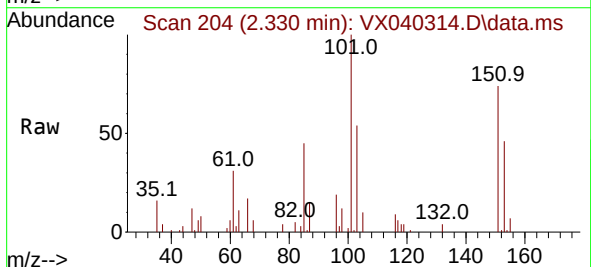
Instrument :
MSVOA_X
ClientSampleId :
RE137-20240215

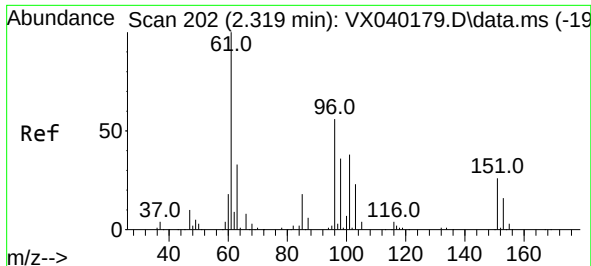
Tgt Ion:168 Resp: 71987
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.640 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040314.D
Acq: 17 Feb 2024 19:43

Tgt Ion:101 Resp: 10412
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 75.4 58.6 87.8





#12

1,1-Dichloroethene

Concen: 3.446 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040314.D

Acq: 17 Feb 2024 19:43

Instrument :

MSVOA_X

ClientSampleId :

RE137-20240215

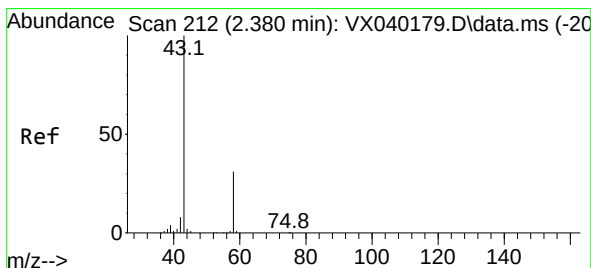
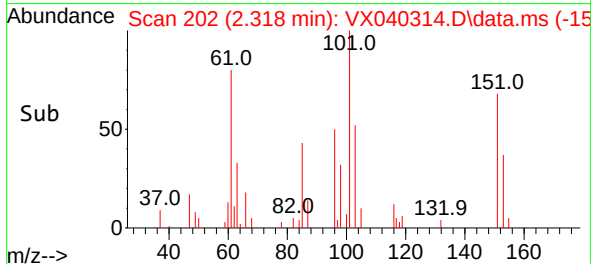
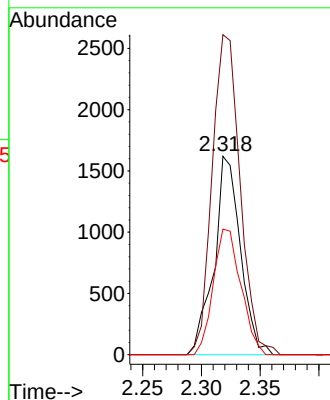
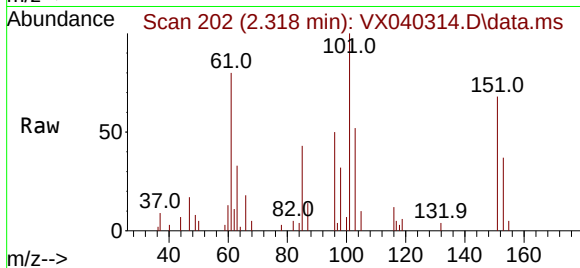
Tgt Ion: 96 Resp: 2533

Ion Ratio Lower Upper

96 100

61 161.3 144.6 216.8

98 63.3 50.4 75.6



#16

Acetone

Concen: 1.826 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040314.D

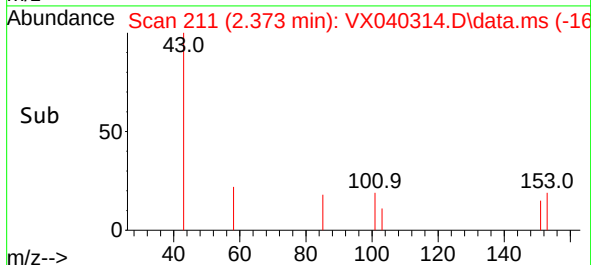
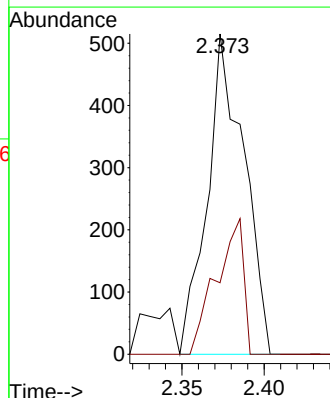
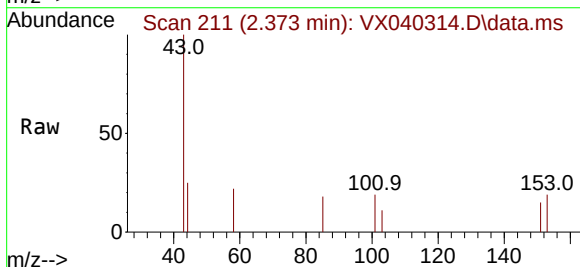
Acq: 17 Feb 2024 19:43

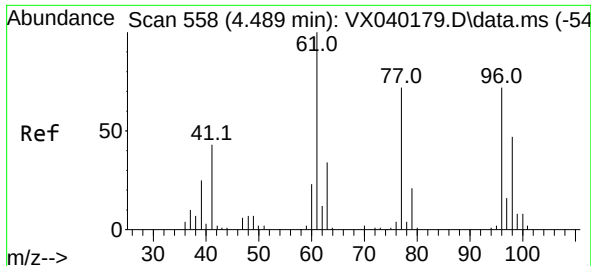
Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

58 22.3 21.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 2.025 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX040314.D

Acq: 17 Feb 2024 19:43

Instrument :

MSVOA_X

ClientSampleId :

RE137-20240215

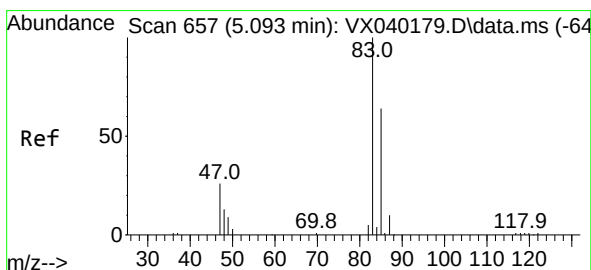
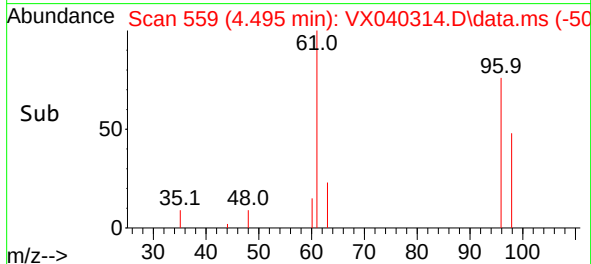
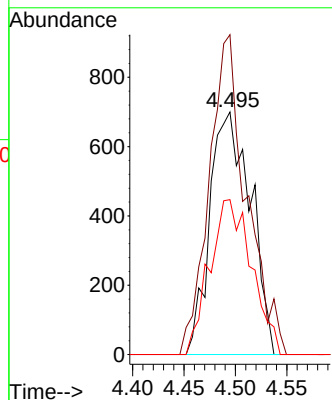
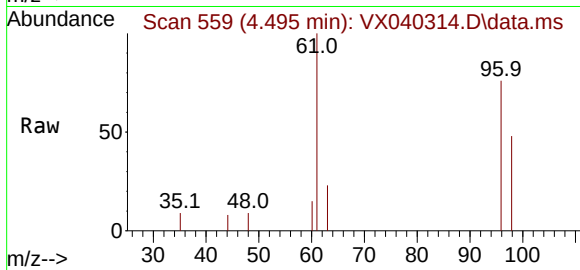
Tgt Ion: 96 Resp: 1934

Ion Ratio Lower Upper

96 100

61 120.6 0.0 312.2

98 65.8 0.0 129.0



#30

Chloroform

Concen: 0.610 ug/l

RT: 5.104 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX040314.D

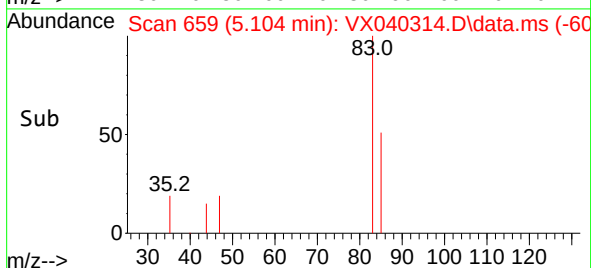
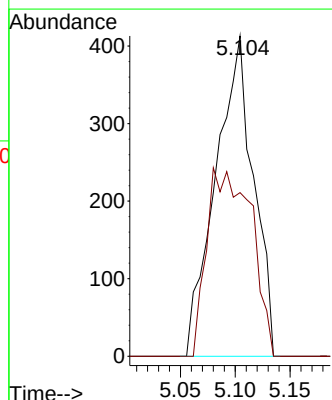
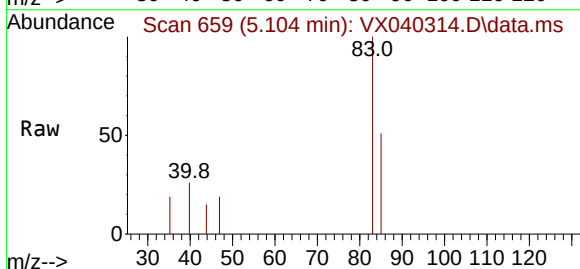
Acq: 17 Feb 2024 19:43

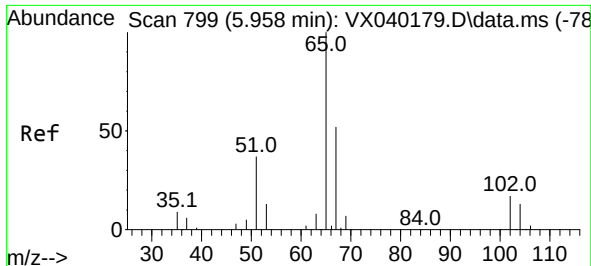
Tgt Ion: 83 Resp: 993

Ion Ratio Lower Upper

83 100

85 51.1 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 47.301 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040314.D

Acq: 17 Feb 2024 19:43

Instrument :

MSVOA_X

ClientSampleId :

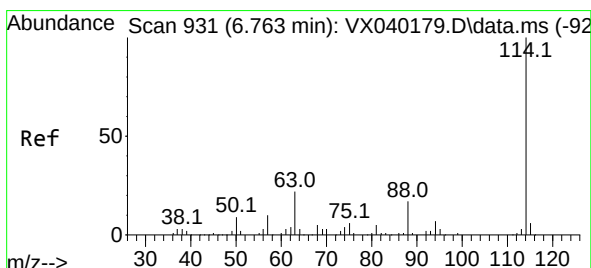
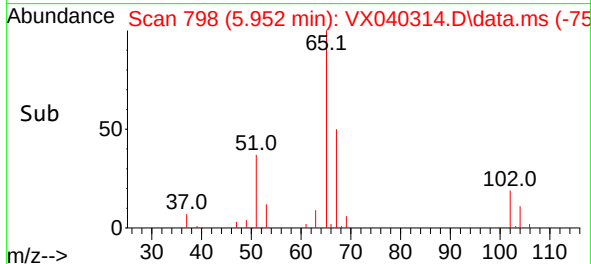
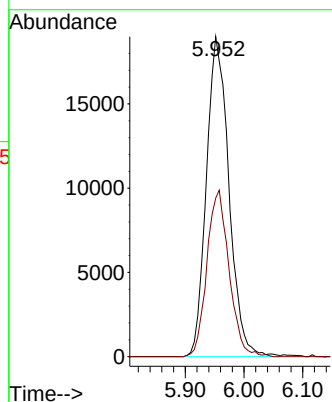
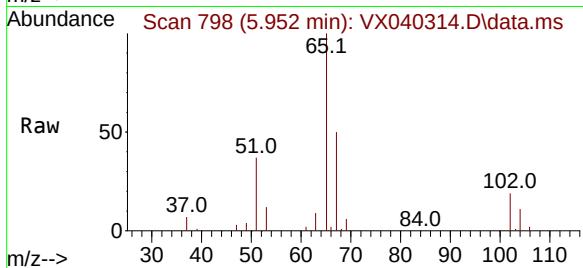
RE137-20240215

Tgt Ion: 65 Resp: 50657

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040314.D

Acq: 17 Feb 2024 19:43

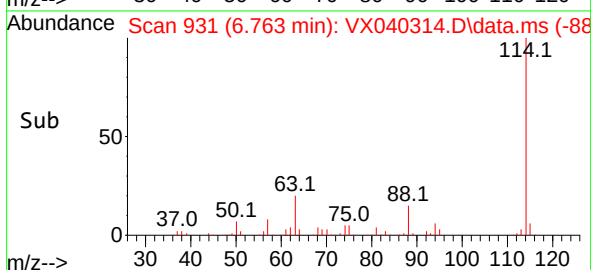
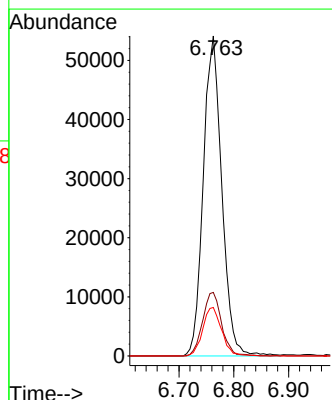
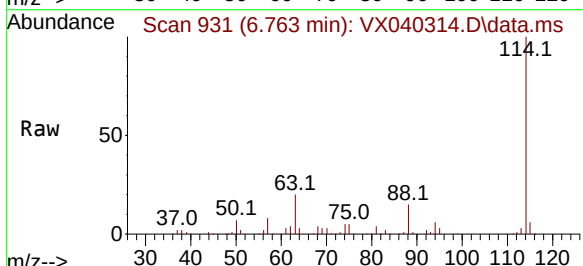
Tgt Ion: 114 Resp: 126912

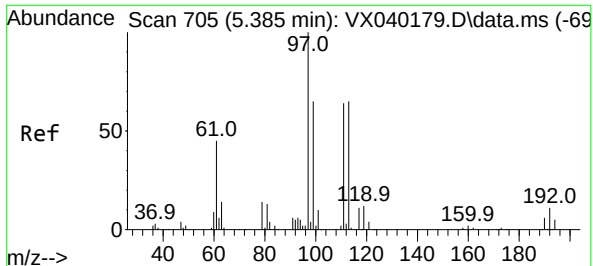
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.148 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040314.D

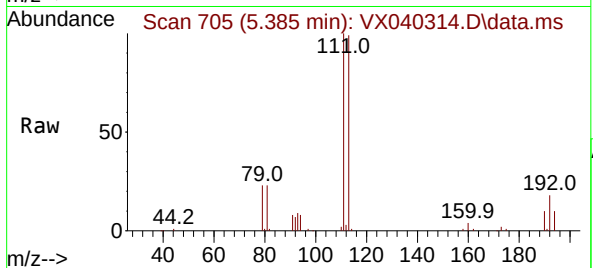
Acq: 17 Feb 2024 19:43

Instrument :

MSVOA_X

ClientSampleId :

RE137-20240215



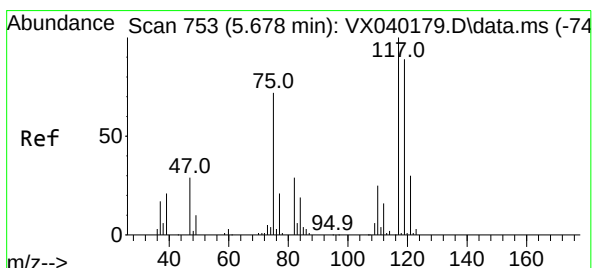
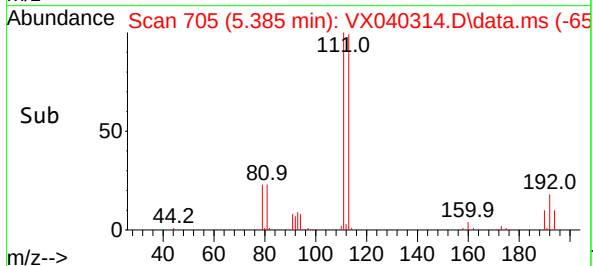
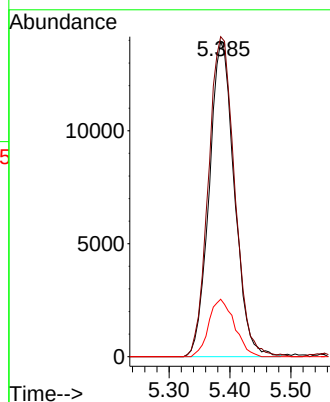
Tgt Ion:113 Resp: 40014

Ion Ratio Lower Upper

113 100

111 106.3 82.9 124.3

192 18.6 13.3 19.9



#38

Carbon Tetrachloride

Concen: 1.236 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.012 min

Lab File: VX040314.D

Acq: 17 Feb 2024 19:43

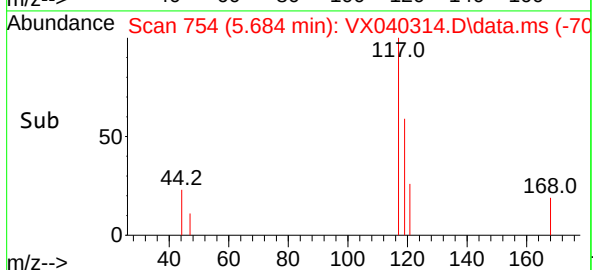
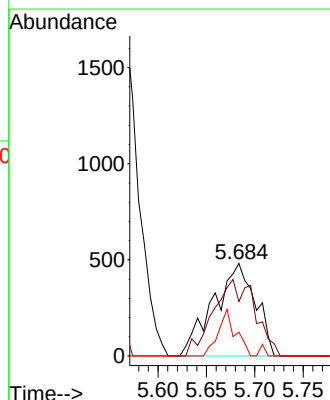
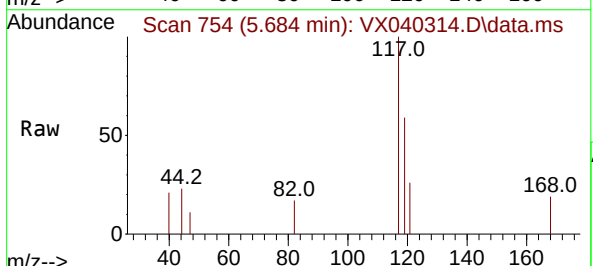
Tgt Ion:117 Resp: 1459

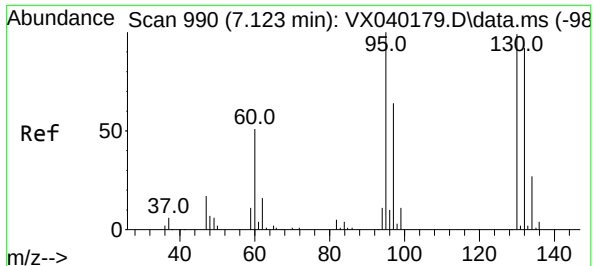
Ion Ratio Lower Upper

117 100

119 58.8 78.2 117.2#

121 25.8 24.4 36.6

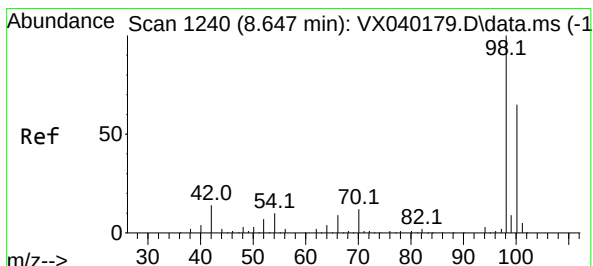
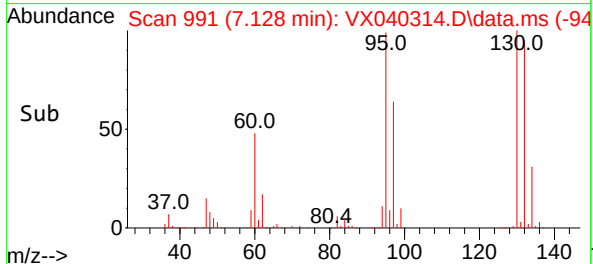
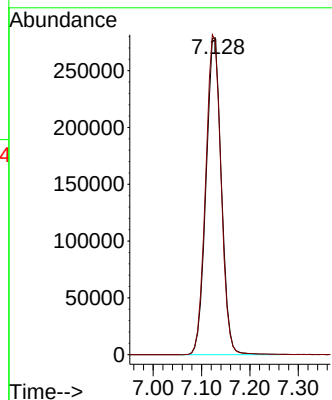
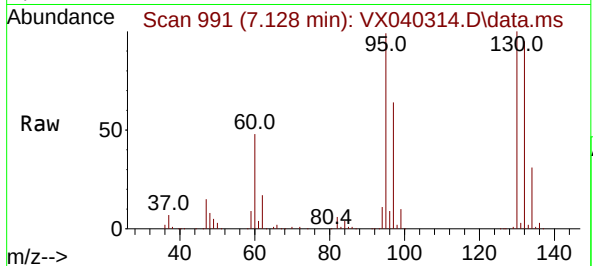




#44
Trichloroethene
Concen: 641.648 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040314.D
Acq: 17 Feb 2024 19:43

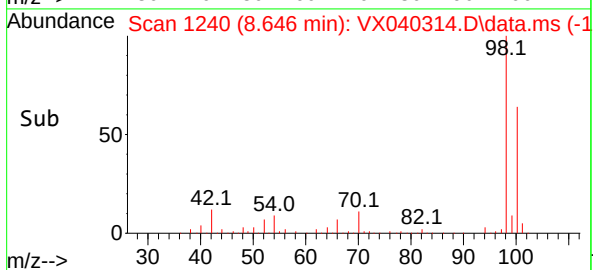
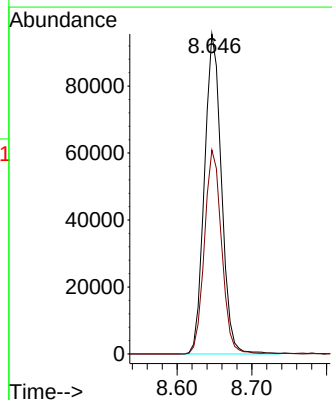
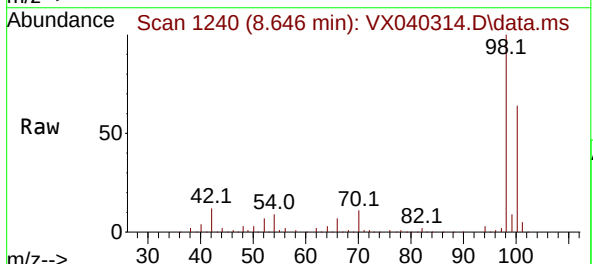
Instrument :
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RE137-20240215

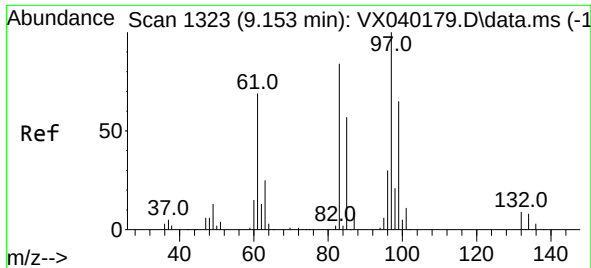
Tgt Ion:130 Resp: 614501
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.4



#50
Toluene-d8
Concen: 45.520 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040314.D
Acq: 17 Feb 2024 19:43

Tgt Ion: 98 Resp: 150913
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



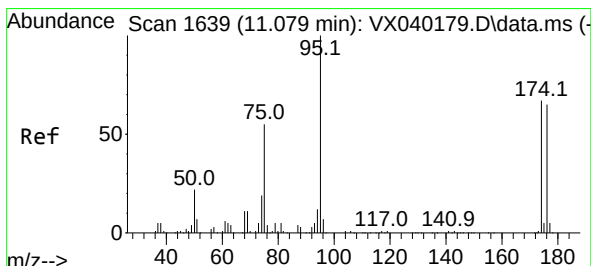
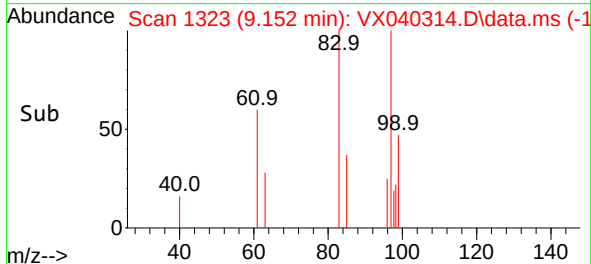
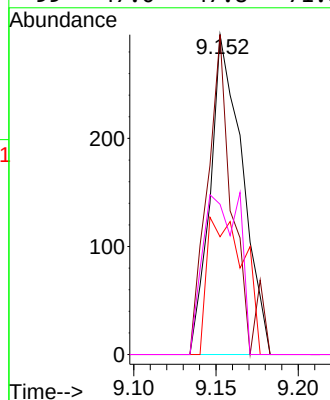
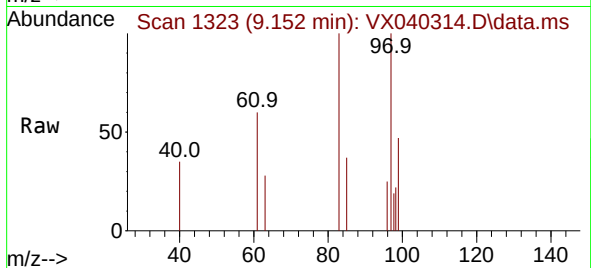


#55
1,1,2-Trichloroethane
Concen: 0.415 ug/l
RT: 9.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040314.D
Acq: 17 Feb 2024 19:43

Instrument :
MSVOA_X
ClientSampleId :
RE137-20240215

Tgt Ion: 97 Resp: 403

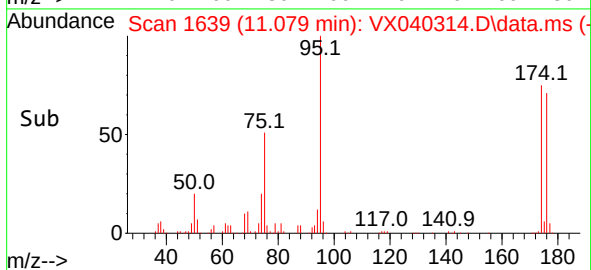
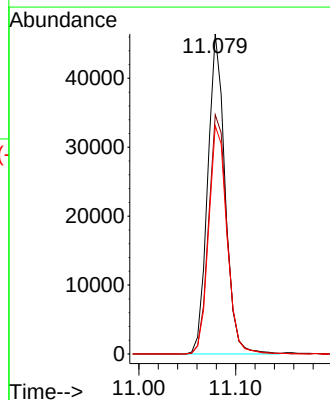
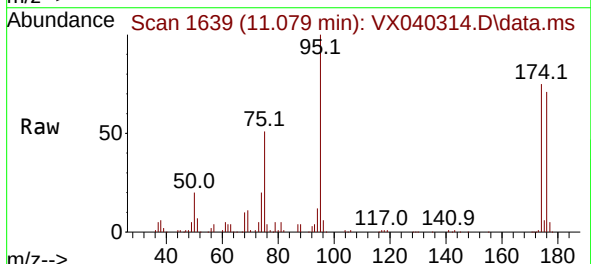
Ion	Ratio	Lower	Upper
97	100		
83	100.0	65.8	98.8#
85	36.8	41.6	62.4#
99	47.0	47.8	71.8#

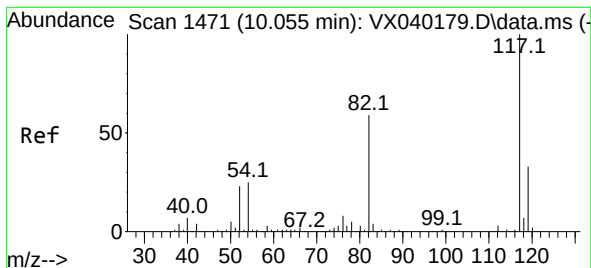


#62
4-Bromofluorobenzene
Concen: 42.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040314.D
Acq: 17 Feb 2024 19:43

Tgt Ion: 95 Resp: 58132

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	135.6
176	75.0	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: VX040314.D

Acq: 17 Feb 2024 19:43

Instrument :

MSVOA_X

ClientSampleId :

RE137-20240215

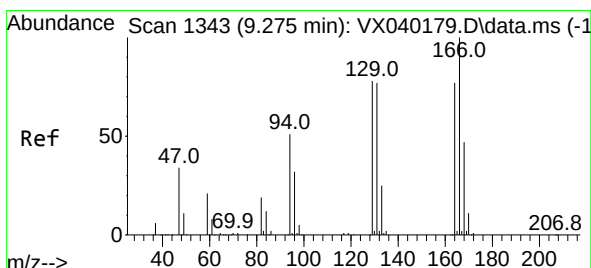
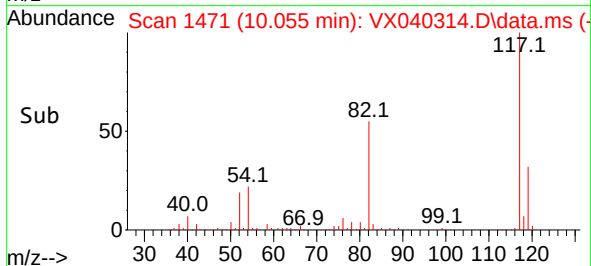
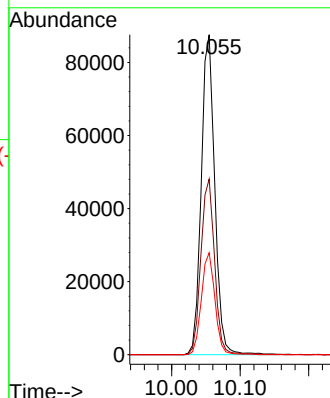
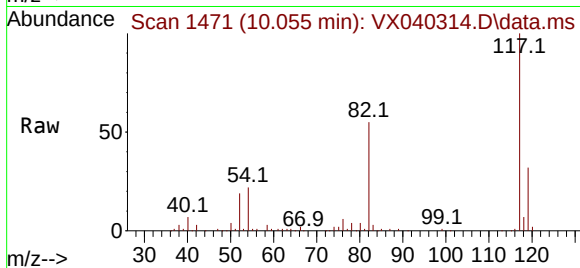
Tgt Ion:117 Resp: 120386

Ion Ratio Lower Upper

117 100

82 54.9 46.2 69.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 3.697 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX040314.D

Acq: 17 Feb 2024 19:43

Tgt Ion:164 Resp: 3119

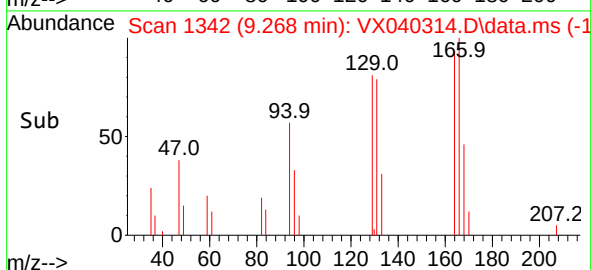
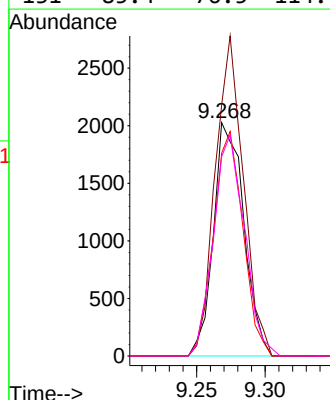
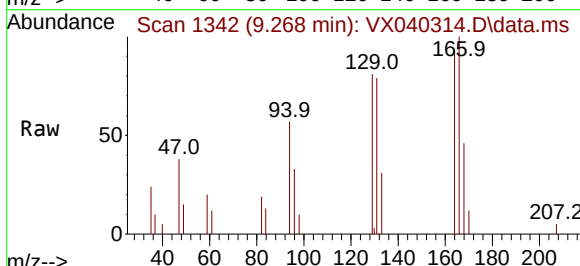
Ion Ratio Lower Upper

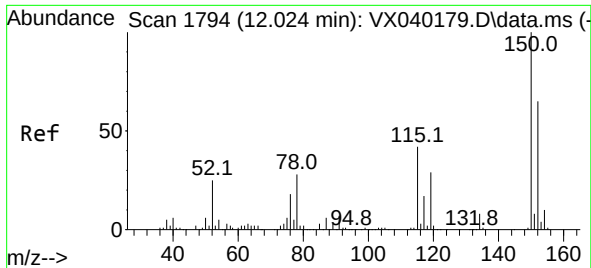
164 100

166 107.5 102.7 154.1

129 86.9 80.4 120.6

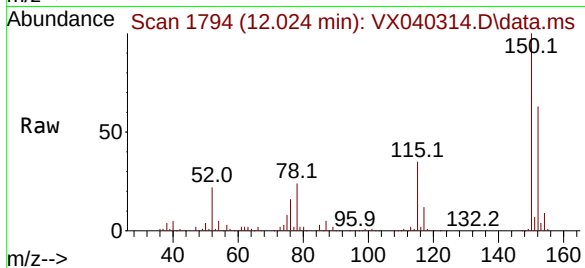
131 85.4 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040314.D
 Acq: 17 Feb 2024 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20240215



Tgt Ion:152 Resp: 60782
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 159.7 0.0 345.0

