

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031164.D
 Acq On : 07 Sep 2022 17:16
 Operator : JC/MD
 Sample : N4357-15DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20220823DL

Quant Time: Sep 07 23:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

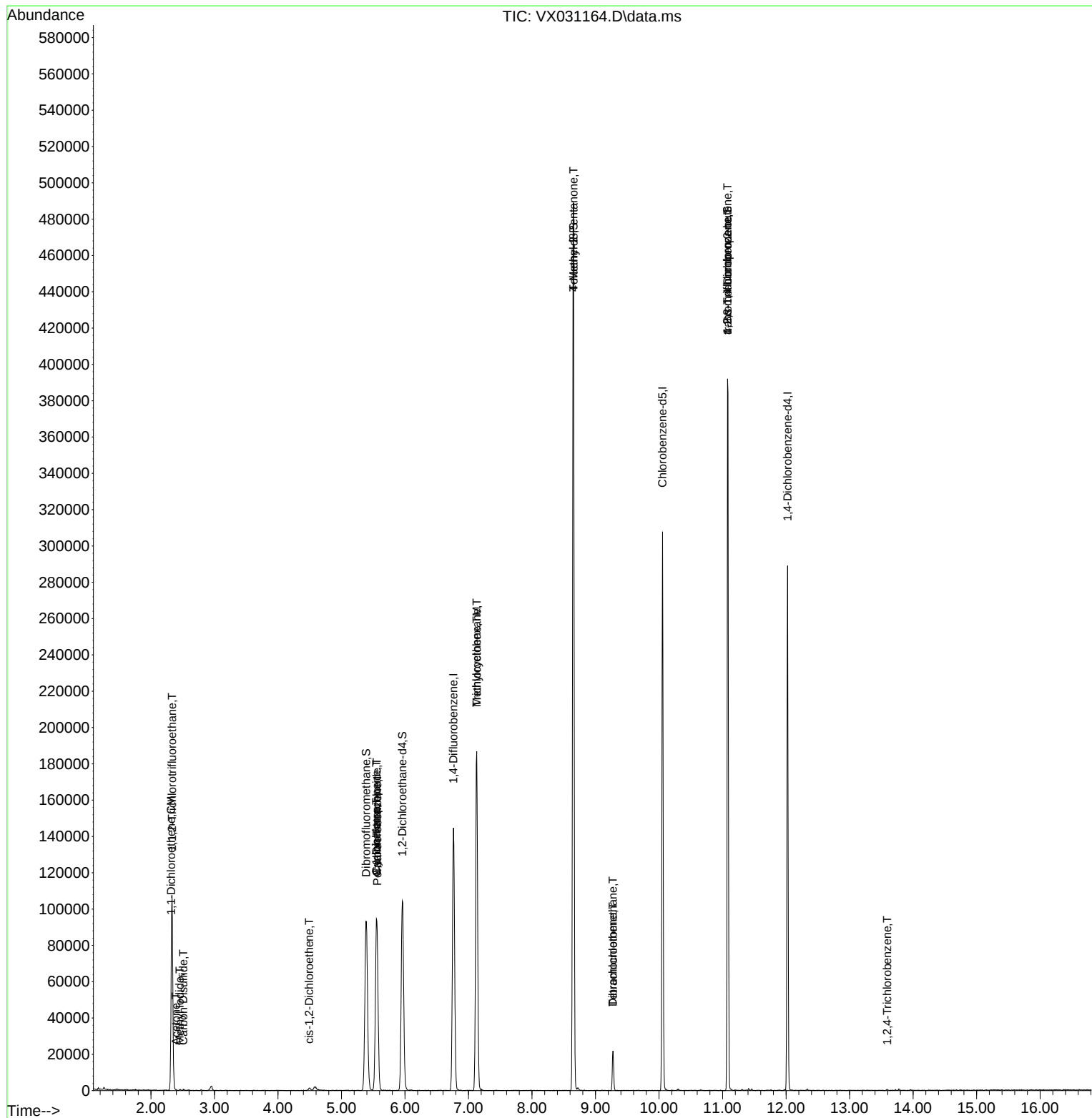
Internal Standards						
1) Pentafluorobenzene	5.562	168	83762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	150506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111727	56.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.680%	
35) Dibromofluoromethane	5.385	113	84544	51.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	8.653	98	302838	50.821	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	11.079	95	113309	51.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.780%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	43725	29.060	ug/l	95
10) Methyl Iodide	2.453	142	536	0.288	ug/l	# 89
11) Tert butyl alcohol	2.953	59	1455	Below Cal	#	74
12) 1,1-Dichloroethene	2.319	96	583	0.412	ug/l	87
16) Acetone	2.392	43	332	0.484	ug/l	# 40
17) Carbon Disulfide	2.508	76	718	0.207	ug/l	# 74
27) cis-1,2-Dichloroethene	4.489	96	1058	0.588	ug/l	73
31) Cyclohexane	5.550	56	1837	0.829	ug/l	# 34
36) 1,1-Dichloropropene	5.550	75	7582	3.087	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	9577	3.706	ug/l	# 17
39) Methylcyclohexane	7.129	83	964	0.344	ug/l	# 1
44) Trichloroethene	7.129	130	72462	38.635	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1087	0.517	ug/l	# 1
60) Dibromochloromethane	9.275	129	4104	2.200	ug/l	# 11
64) Tetrachloroethene	9.275	164	4089	2.985	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	59916	38.826	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	59916	125.211	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.591	180	266	0.234	ug/l	# 90

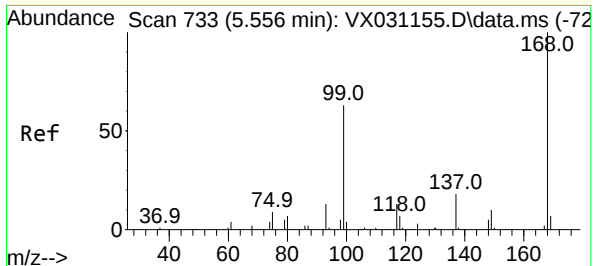
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
RE125D3-20220823DL

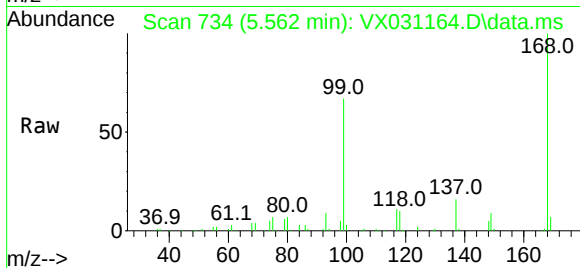
Quant Time: Sep 07 23:25:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



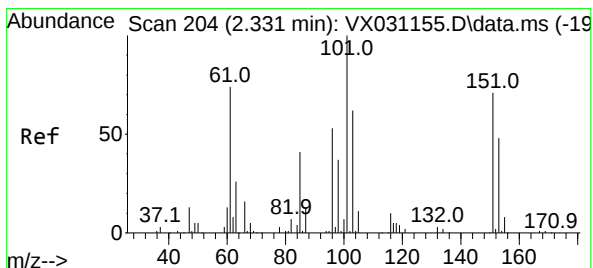
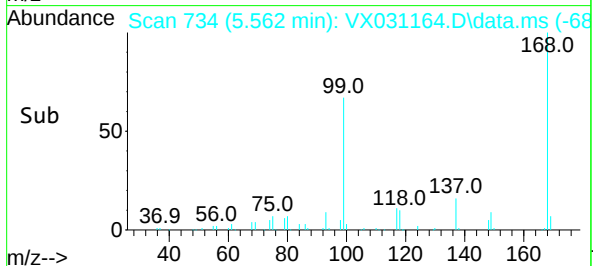
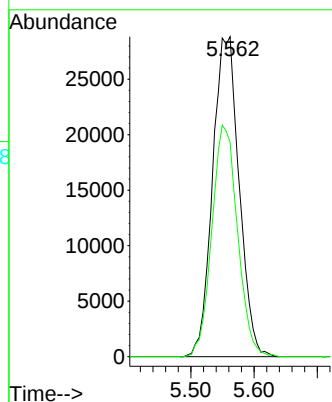


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220823DL

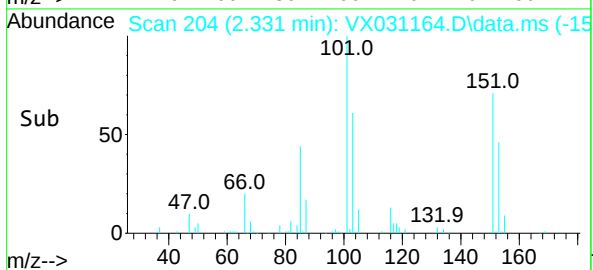
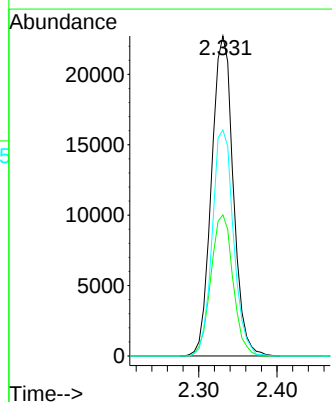
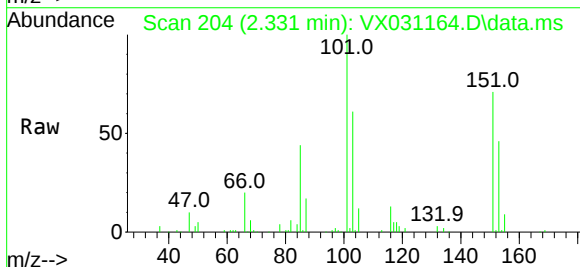


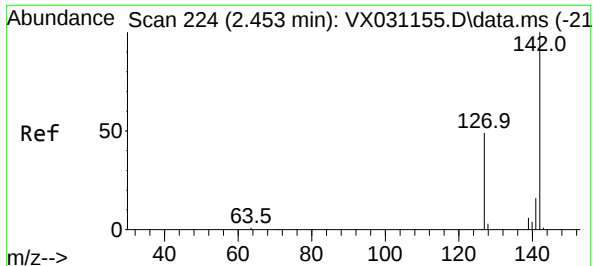
Tgt Ion:168 Resp: 83762
Ion Ratio Lower Upper
168 100
99 67.0 44.0 66.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 29.060 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

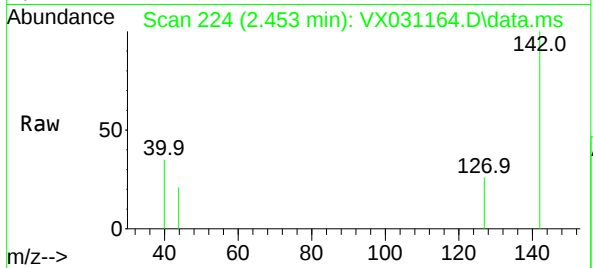
Tgt Ion:101 Resp: 43725
Ion Ratio Lower Upper
101 100
85 44.9 34.0 51.0
151 69.4 59.4 89.0



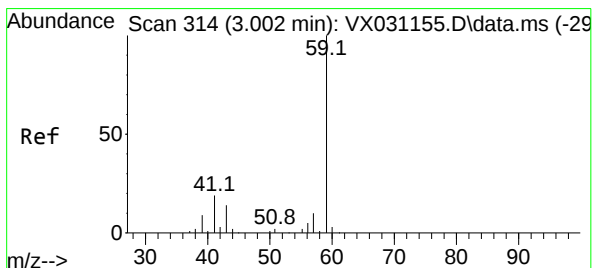
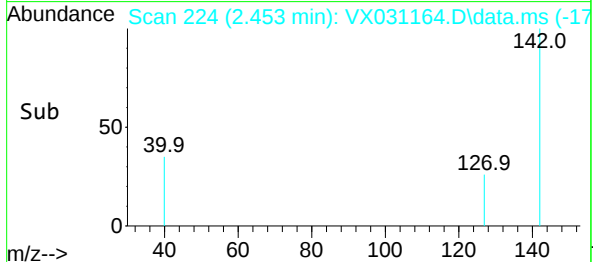
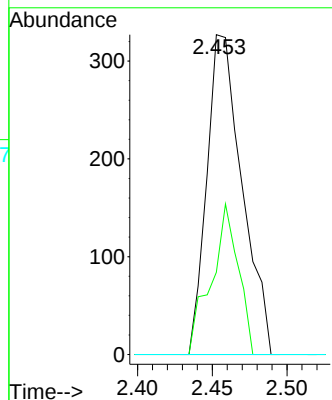


#10
Methyl Iodide
Concen: 0.288 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220823DL

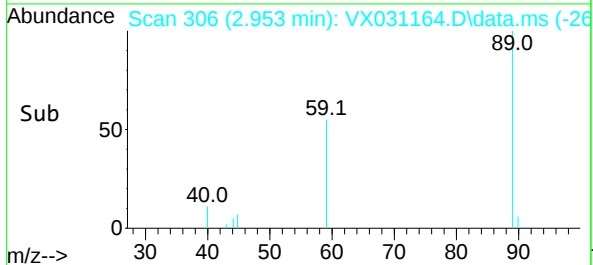
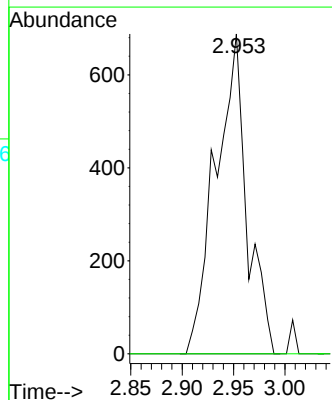
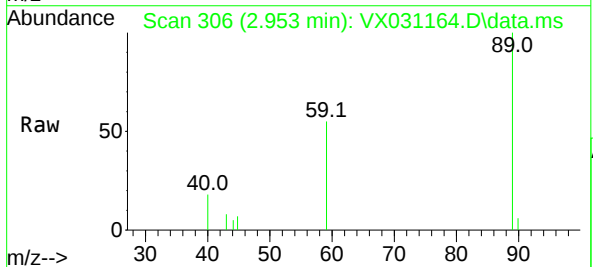


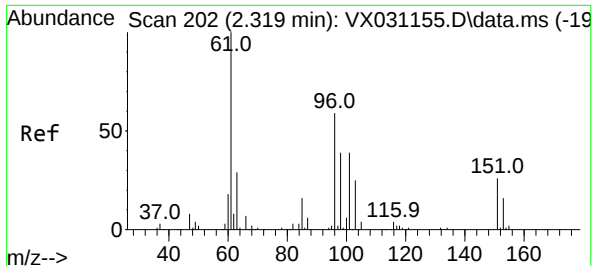
Tgt Ion:142 Resp: 536
Ion Ratio Lower Upper
142 100
127 36.2 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.049 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Tgt Ion: 59 Resp: 1455
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#12

1,1-Dichloroethene

Concen: 0.412 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031164.D

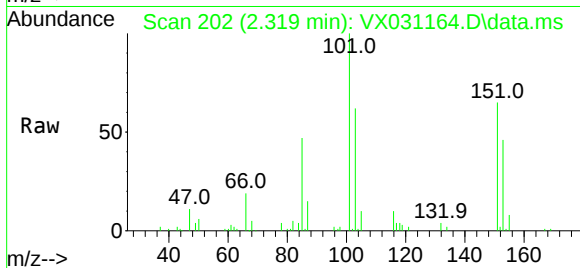
Acq: 07 Sep 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20220823DL



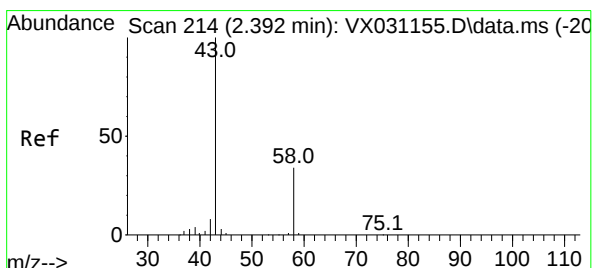
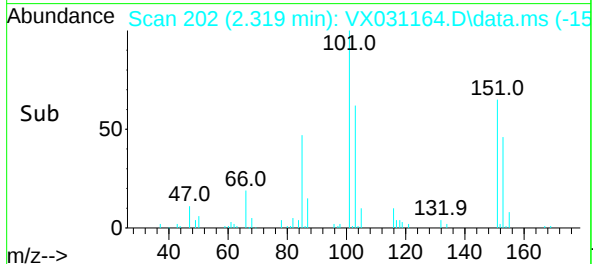
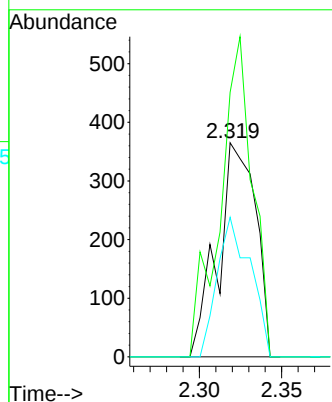
Tgt Ion: 96 Resp: 583

Ion Ratio Lower Upper

96 100

61 123.6 117.4 176.0

98 65.2 52.2 78.4



#16

Acetone

Concen: 0.484 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031164.D

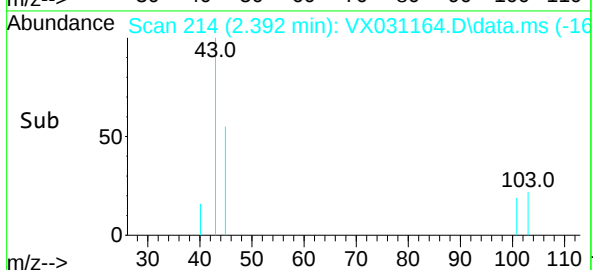
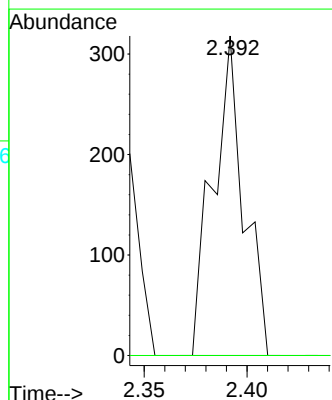
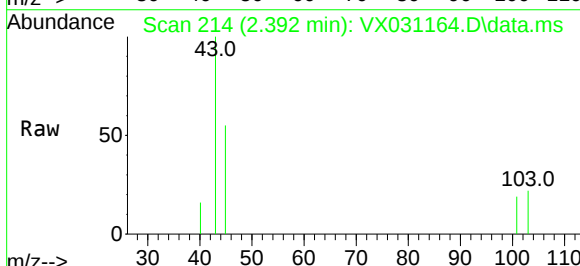
Acq: 07 Sep 2022 17:16

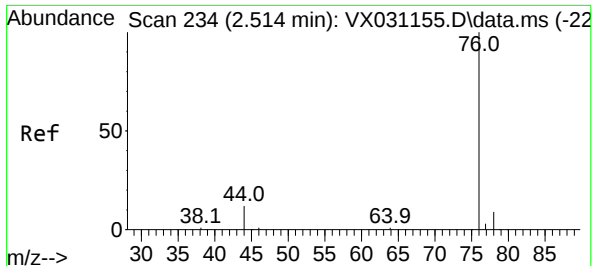
Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#

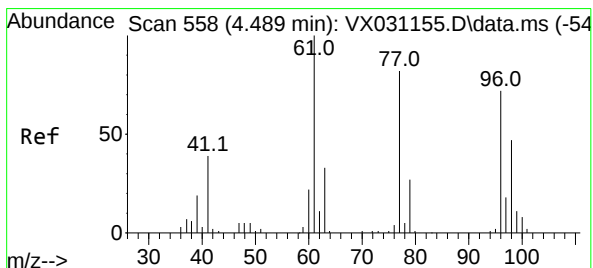
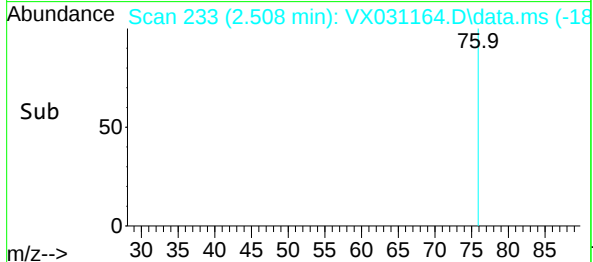
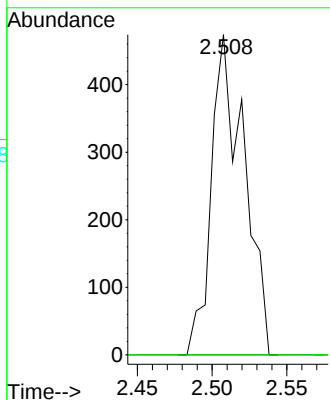
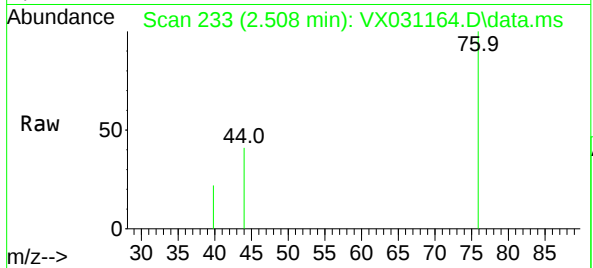




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

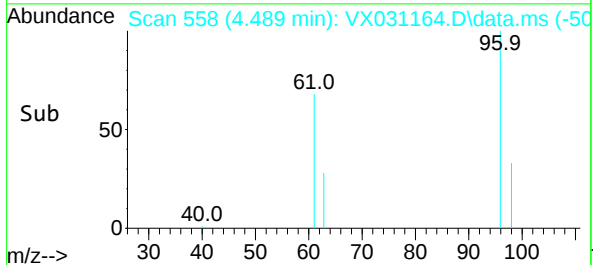
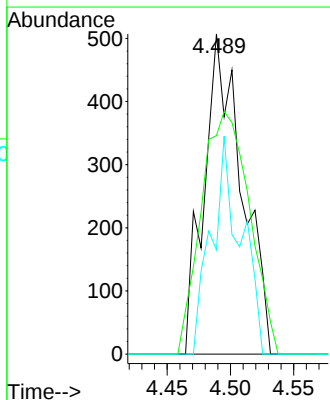
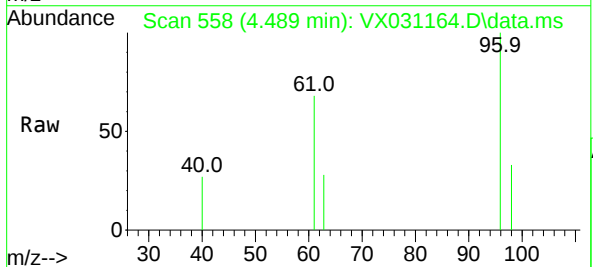
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220823DL

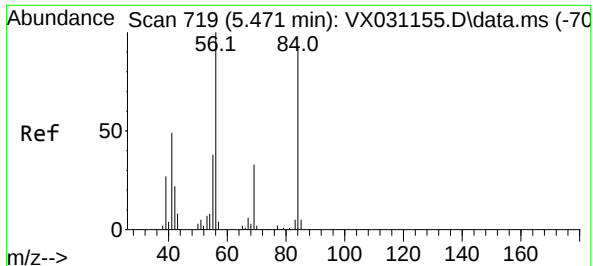
Tgt Ion: 76 Resp: 718
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#27
cis-1,2-Dichloroethene
Concen: 0.588 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

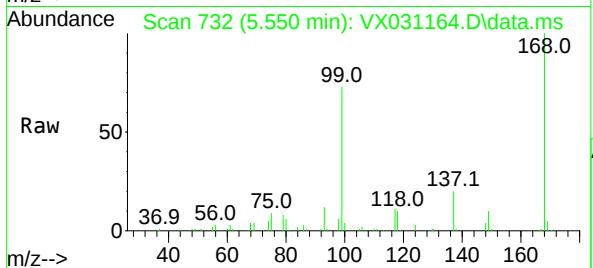
Tgt Ion: 96 Resp: 1058
Ion Ratio Lower Upper
96 100
61 96.3 0.0 270.0
98 52.7 0.0 127.8



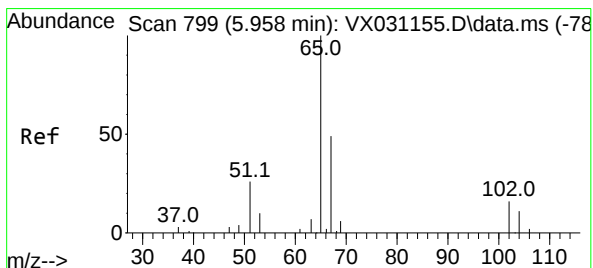
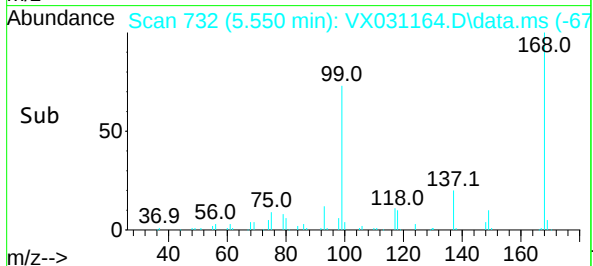
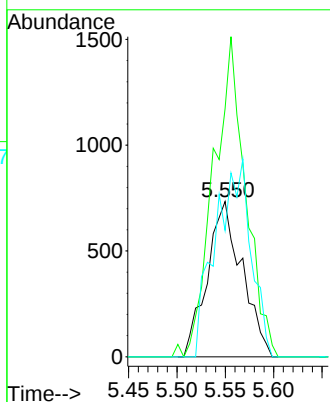


#31
Cyclohexane
Concen: 0.829 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Instrument :
MSVOA_X
ClientSampleId :
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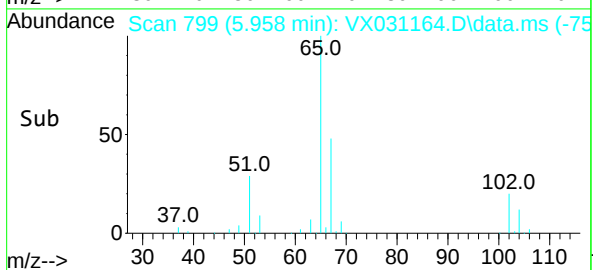
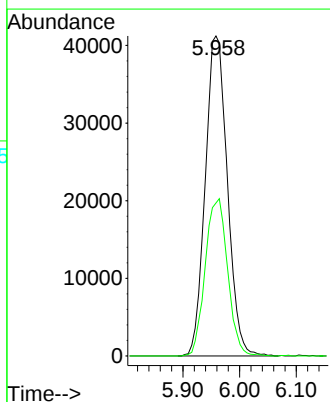
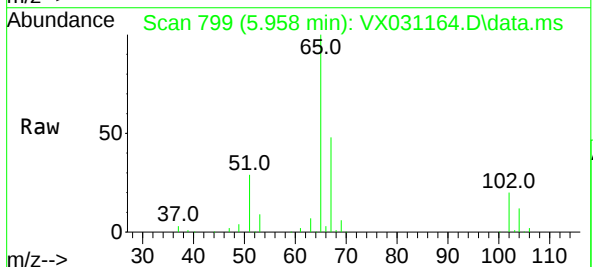


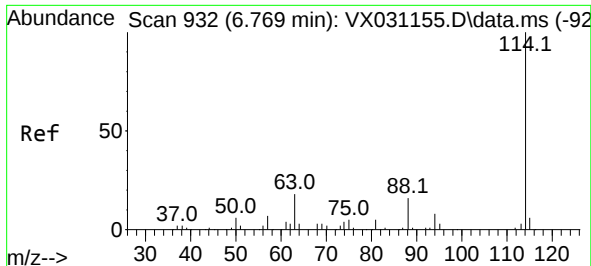
Tgt Ion: 56 Resp: 1837
Ion Ratio Lower Upper
56 100
69 159.8 25.4 38.0#
84 81.3 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 56.339 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Tgt Ion: 65 Resp: 111727
Ion Ratio Lower Upper
65 100
67 49.8 0.0 109.6

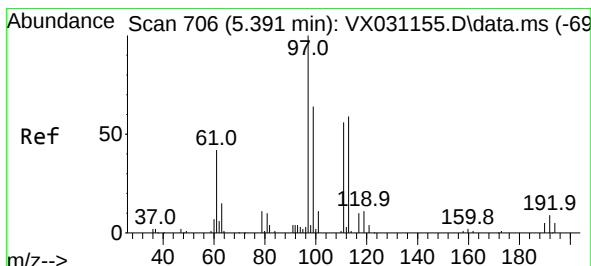
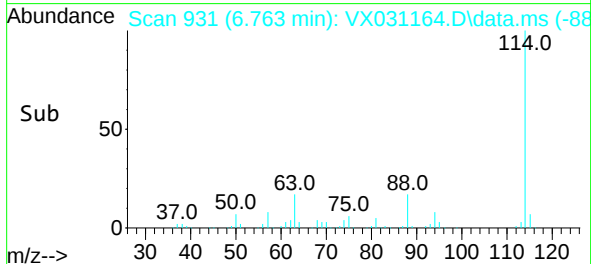
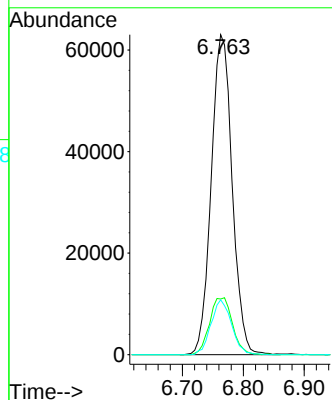
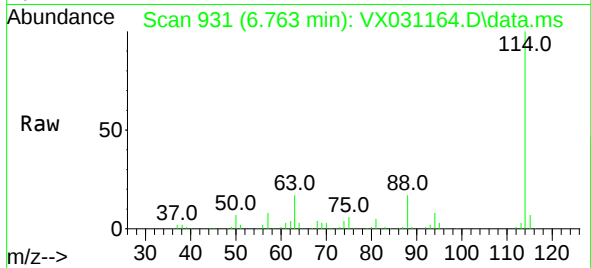




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

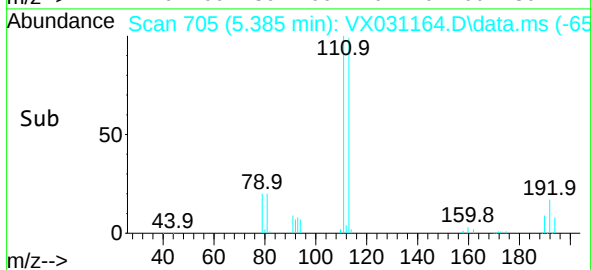
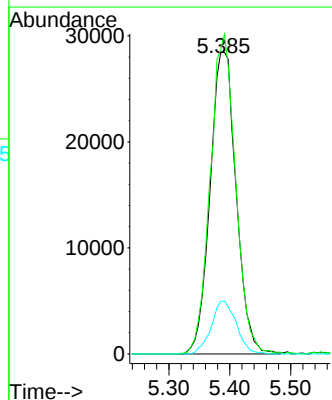
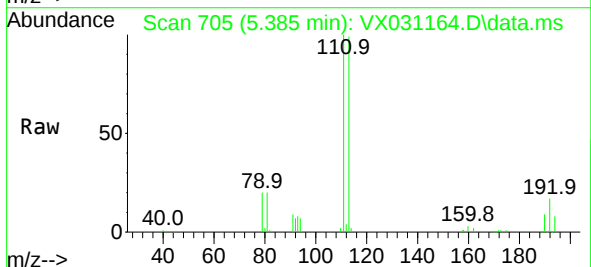
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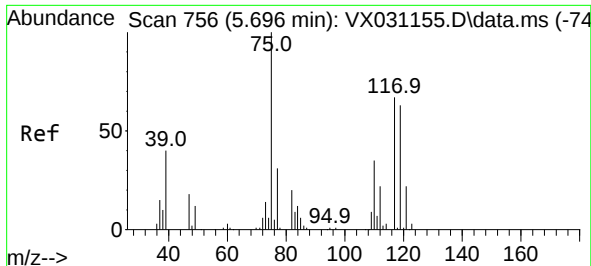
Tgt Ion:114 Resp: 150506
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.4
88 17.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Tgt Ion:113 Resp: 84544
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 16.8 14.8 22.2

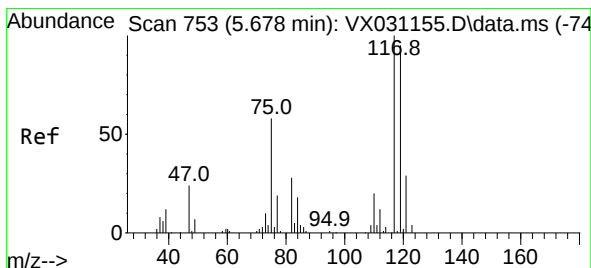
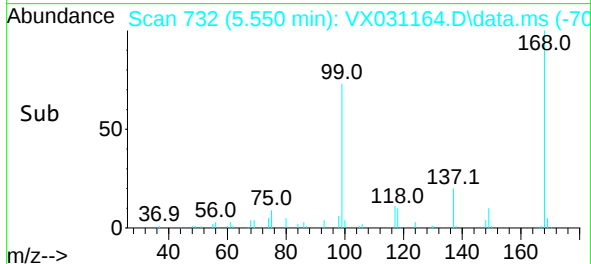
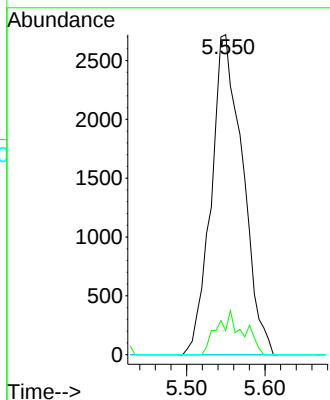
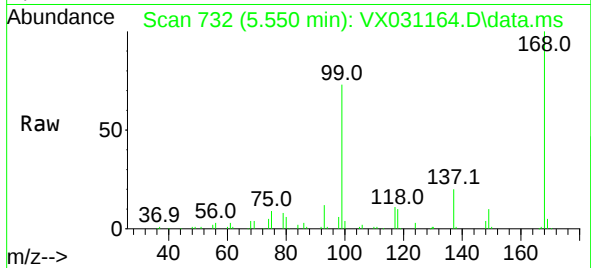




#36
1,1-Dichloropropene
Concen: 3.087 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

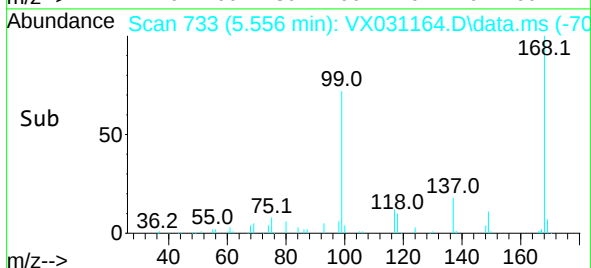
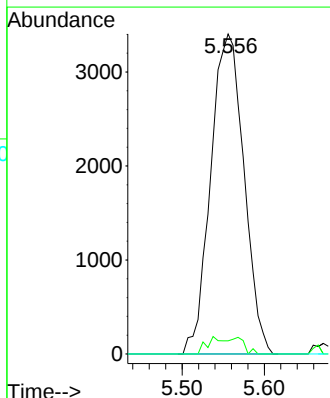
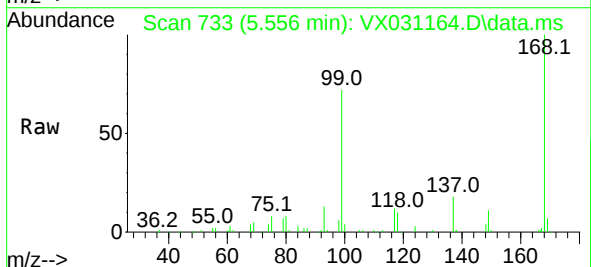
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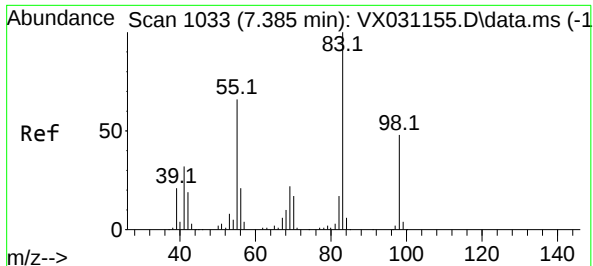
Tgt Ion: 75 Resp: 7582
Ion Ratio Lower Upper
75 100
110 11.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 3.706 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Tgt Ion: 117 Resp: 9577
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.344 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX031164.D

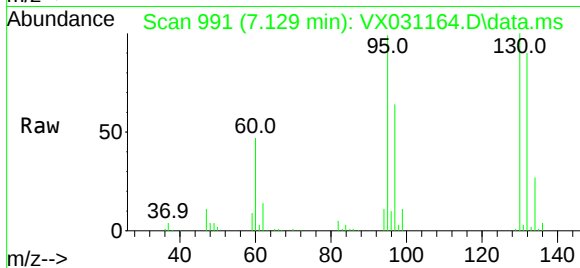
Acq: 07 Sep 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20220823DL



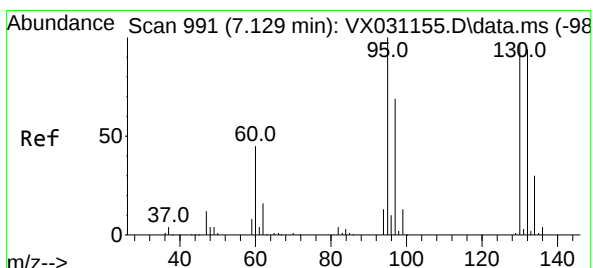
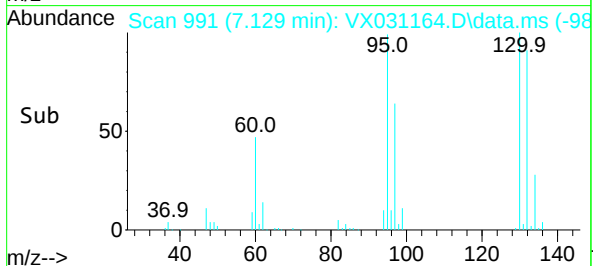
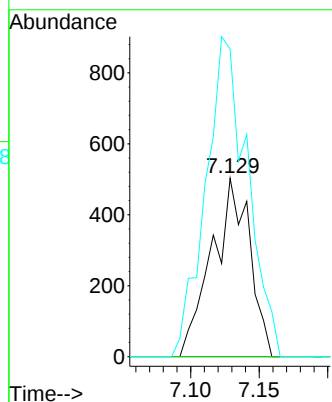
Tgt Ion: 83 Resp: 964

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 172.4 36.5 54.7#



#44

Trichloroethene

Concen: 38.635 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031164.D

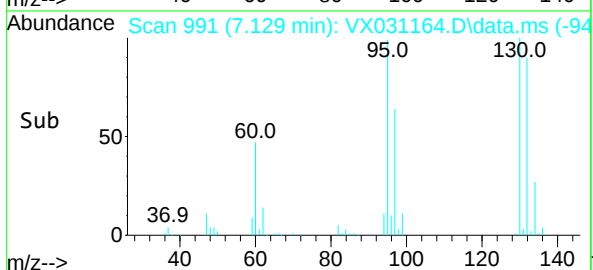
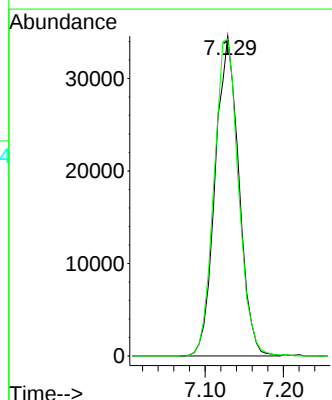
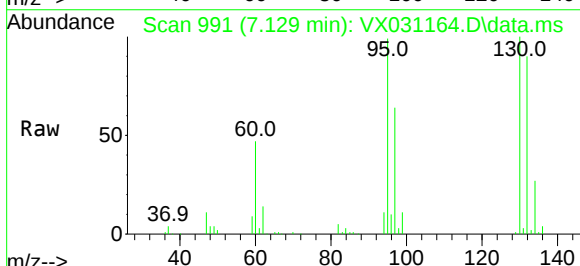
Acq: 07 Sep 2022 17:16

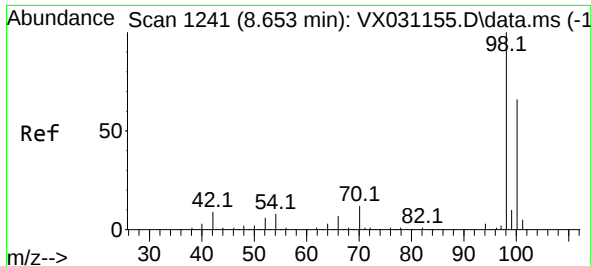
Tgt Ion:130 Resp: 72462

Ion Ratio Lower Upper

130 100

95 99.0 0.0 194.8





#50

Toluene-d8

Concen: 50.821 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031164.D

Acq: 07 Sep 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

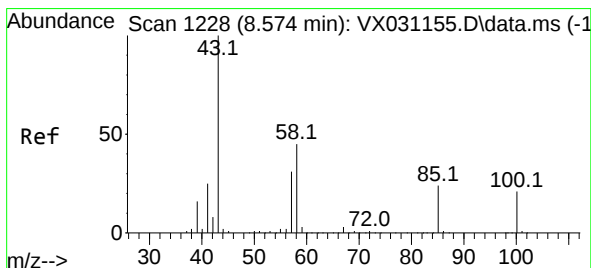
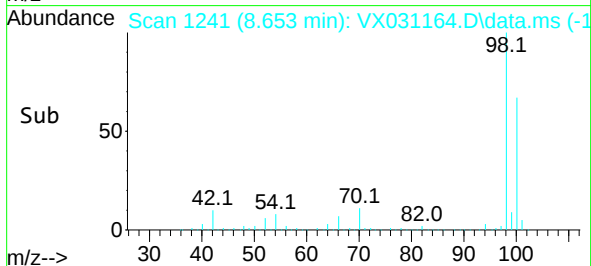
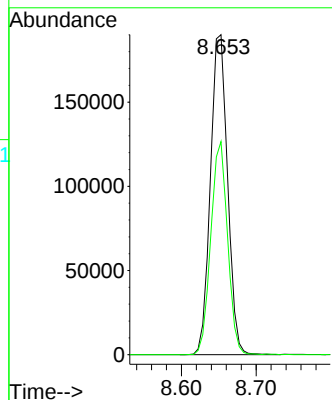
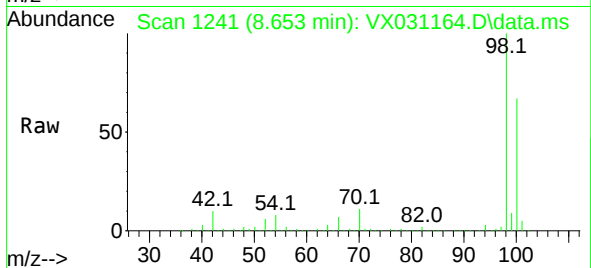
RE125D3-20220823DL

Tgt Ion: 98 Resp: 302838

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX031164.D

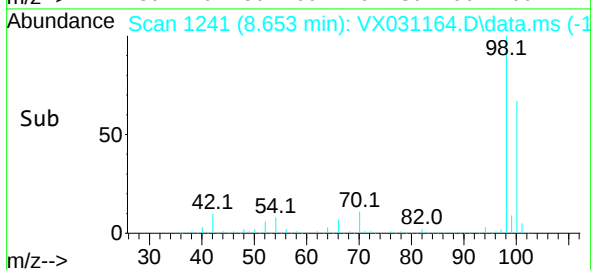
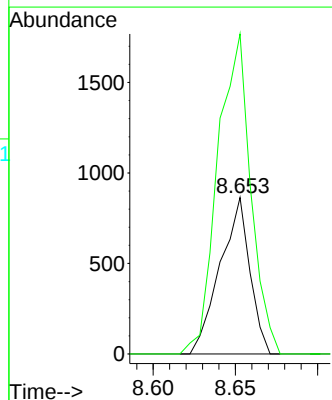
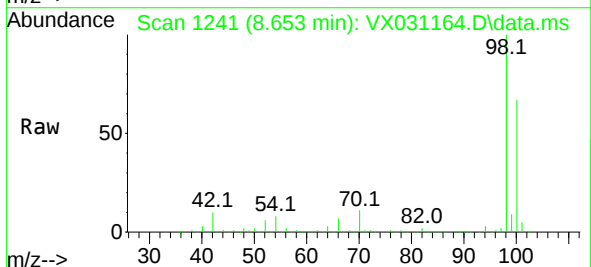
Acq: 07 Sep 2022 17:16

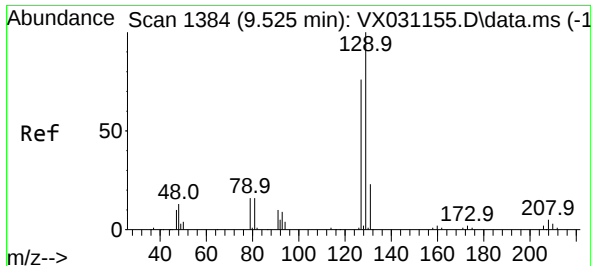
Tgt Ion: 43 Resp: 1087

Ion Ratio Lower Upper

43 100

58 227.3 31.4 47.2#

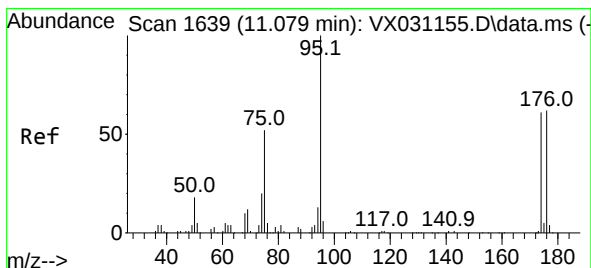
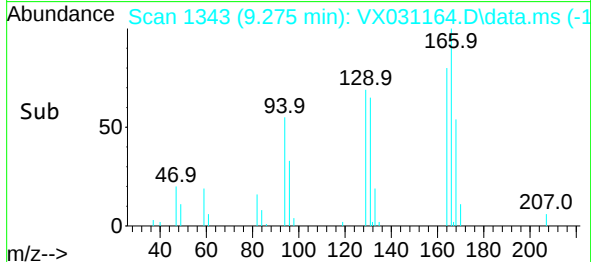
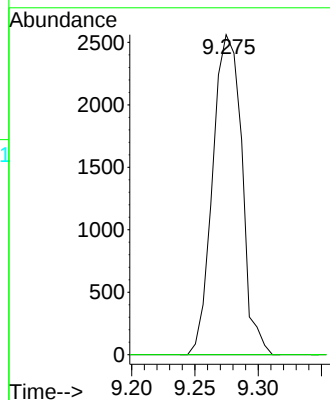
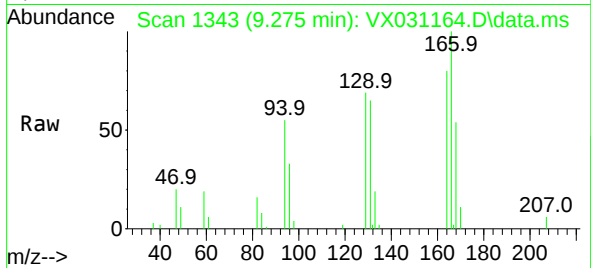




#60
Dibromochloromethane
Concen: 2.200 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

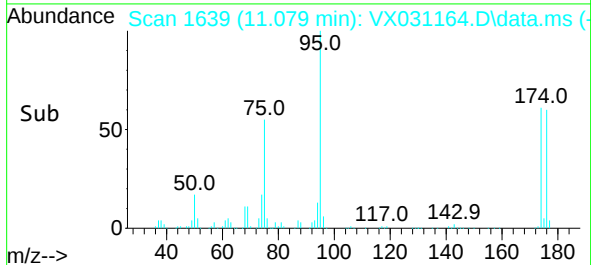
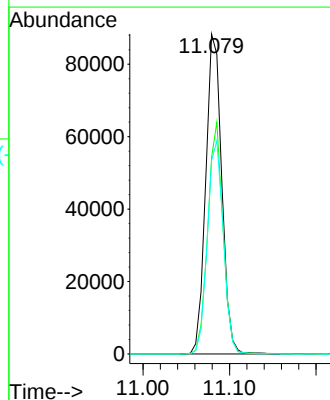
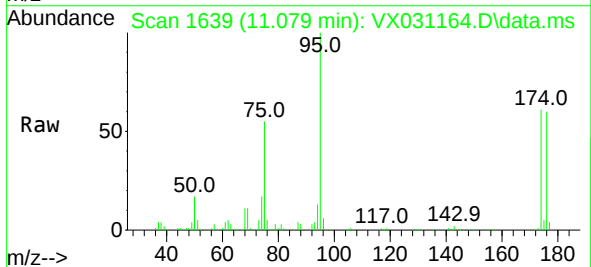
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220823DL

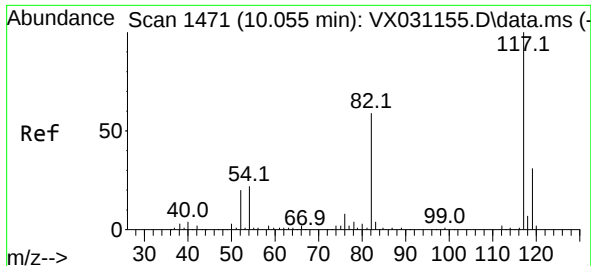
Tgt Ion:129 Resp: 4104
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 51.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Tgt Ion: 95 Resp: 113309
Ion Ratio Lower Upper
95 100
174 68.8 0.0 149.0
176 66.4 0.0 146.0

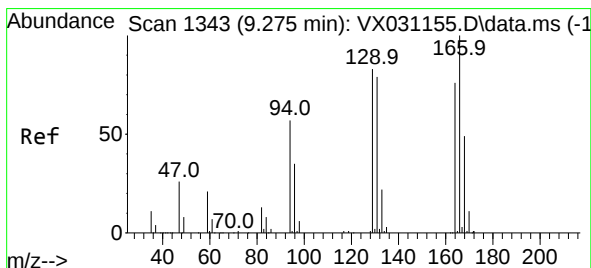
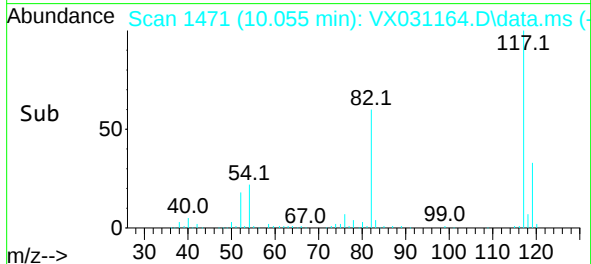
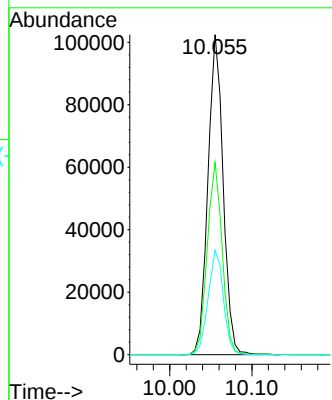
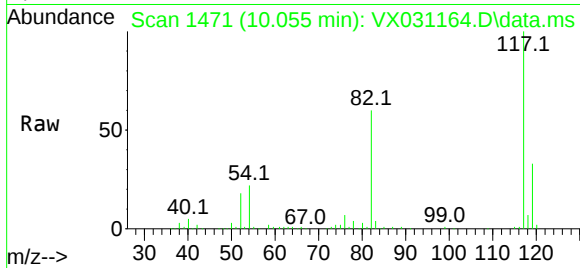




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

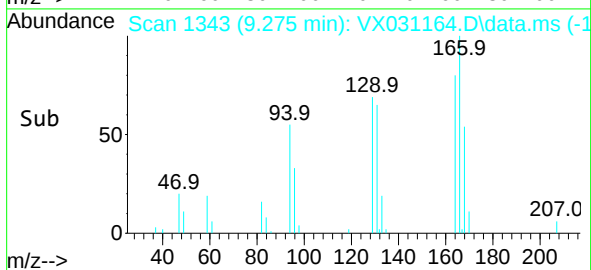
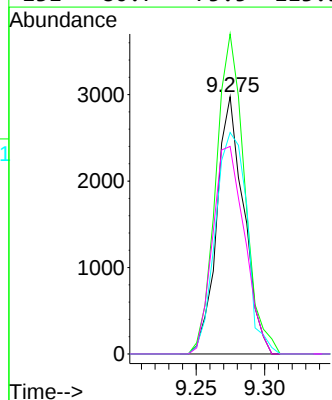
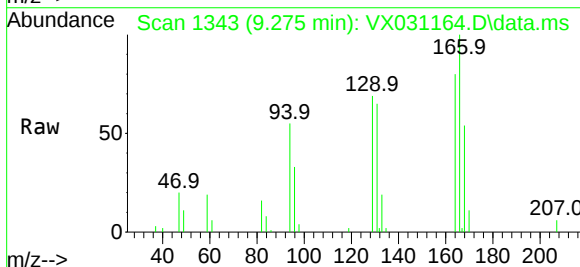
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220823DL

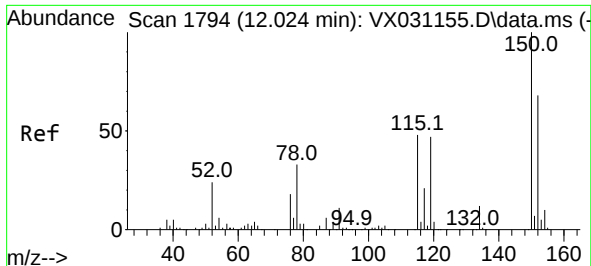
Tgt Ion:117 Resp: 131589
Ion Ratio Lower Upper
117 100
82 60.1 42.7 64.1
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 2.985 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Tgt Ion:164 Resp: 4089
Ion Ratio Lower Upper
164 100
166 124.4 98.2 147.4
129 86.1 80.8 121.2
131 80.7 75.5 113.3

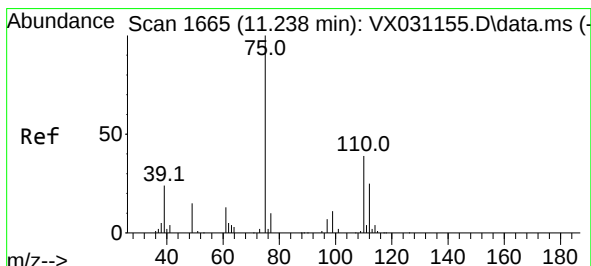
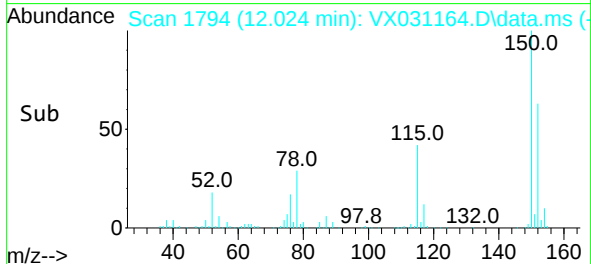
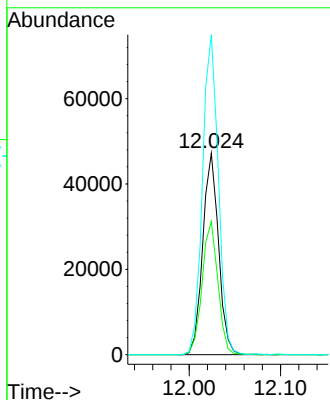
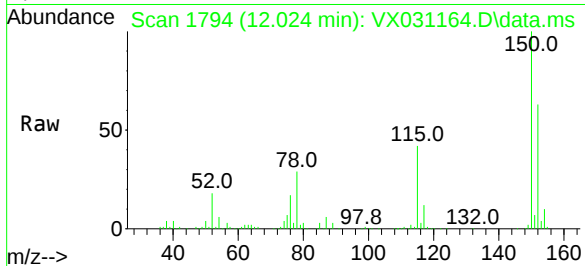




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031164.D
 Acq: 07 Sep 2022 17:16

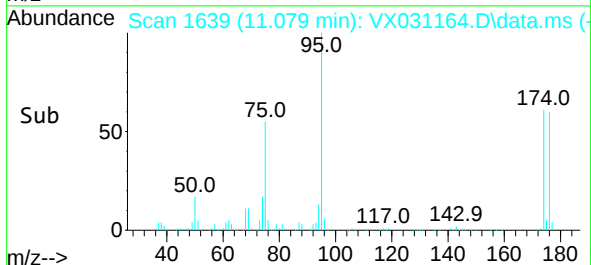
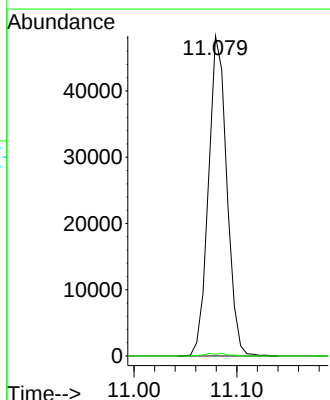
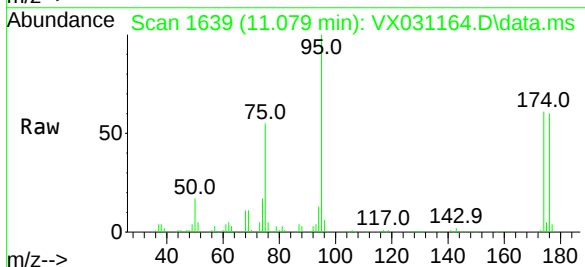
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20220823DL

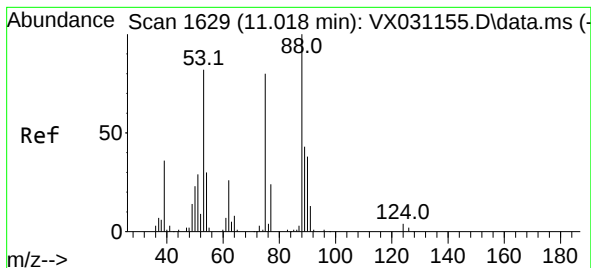
Tgt Ion:152 Resp: 56544
 Ion Ratio Lower Upper
 152 100
 115 66.0 40.5 121.5
 150 159.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 38.826 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031164.D
 Acq: 07 Sep 2022 17:16

Tgt Ion: 75 Resp: 59916
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.8 59.3#

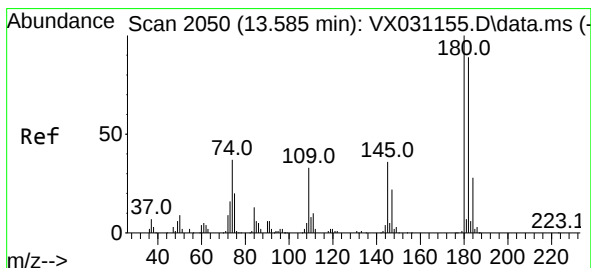
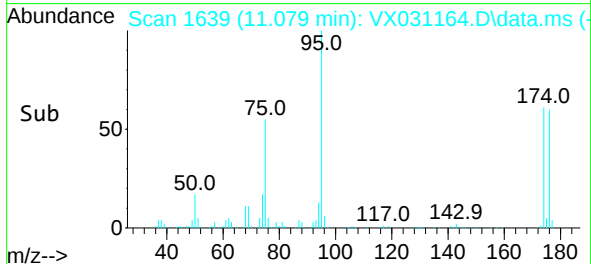
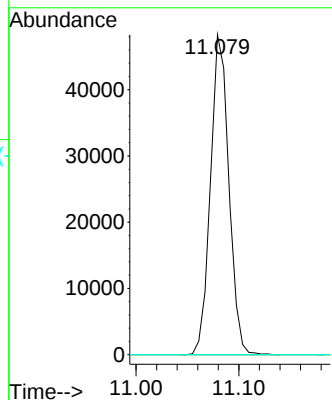
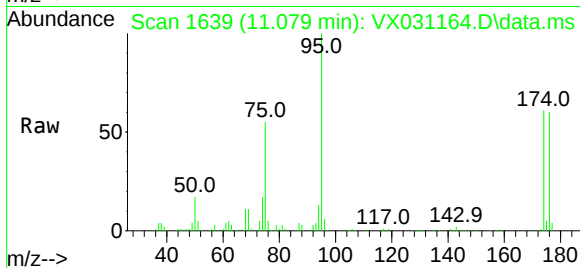




#81
trans-1,4-Dichloro-2-butene
Concen: 125.211 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220823DL

Tgt Ion: 75 Resp: 59916
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.234 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX031164.D
Acq: 07 Sep 2022 17:16

Tgt Ion: 180 Resp: 266
Ion Ratio Lower Upper
180 100
182 99.6 48.2 144.6
145 15.4 15.9 47.6#

